McDowell Creek Watershed Management Plan

Sediment entering Mountain Island Lake from McDowell Creek Cove

Completed by: Charlotte-Mecklenburg Storm Water Services

Version 4

March 2, 2008

McDowell Creek Watershed Management Plan Version 4

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Executive Summary

The McDowell Creek Watershed is located in northwest Mecklenburg County and drains portions of the Towns of Huntersville and Cornelius. General statistics regarding the McDowell Creek Watershed are provided in Table 1 on page 2 of this document. McDowell Creek empties into Mountain Island Lake at McDowell Creek Cove, which is just upstream of a drinking water intake owned and operated by Charlotte Mecklenburg Utilities. An average of 80 million gallons of raw drinking water a day is pumped from this intake for the citizens of Charlotte-Mecklenburg. As such, most of the watershed has been designated as a Water Supply, which requires new development to observe certain impervious, buffer and storm water quality and detention requirements. McDowell Creek Cove has some of the worst water quality conditions of any of the reservoirs (Lake Norman, Mountain Island Lake and Lake Wylie) comprising Mecklenburg County's western border. McDowell Creek has been listed by the North Carolina Department of Environment and Natural Resources as being biologically impaired, which means that populations of aquatic insects are not diverse and/or plentiful. Because of the degraded conditions in McDowell Creek and McDowell Creek Cove, a proactive Water Quality Ordinance was developed and implemented by the Town of Huntersville, which places strict storm water runoff treatment requirements on all new development beyond what is required by the water supply watershed requirements. The ordinance was designed to prevent continued degradation of the creek and cove; however, pre-existing sources of pollution from development that occurred prior to the implementation of the Water Quality Ordinance was not mitigated. In order to address the pre-existing sources of pollution, watershed management efforts, including production of this Watershed Management Plan, have been undertaken. Already, several cooperative efforts between public and private interests have resulted in five (5) Best Management Practice (BMP) retrofit projects. This plan will provide information regarding assessment of upland and in-stream sources of pollution and guide the continued implementation of BMPs and restoration efforts to mitigate existing sources of pollution in the McDowell Creek Watershed.

In order to identify the cause of impairment of McDowell Creek and McDowell Creek Cove and to guide effective implementation, the watershed was segmented into approximately one square mile catchments. Each of the catchments was evaluated for pollutant loading, extent of stream buffer impact and overall catchment imperviousness. The catchments were then ranked to identify those areas with the most potential for negative water quality impacts. The most impacted areas are clustered in five (5) "Focus Areas," which are situated around Sam Furr Road, Downtown Cornelius, Old Statesville Road, Gilead Road and Central Piedmont Community College – North Campus. Mecklenburg County staff will conduct a windshield survey of each of the five (5) focus areas to determine location, practicality and feasibility of projects. An assessment of in-stream sources of pollution was completed in December, 2006. This assessment was focused on documenting riparian conditions and management needs. Data collection and subsequent analysis, which are presented in the retrofit and restoration plan, will allow for the prioritization of the worst reaches of stream for future enhancements. Validation of the measurements will be performed using bank pin measurements and full cross-section surveys at five (5) long term monitoring sites that best represent the McDowell

Creek Watershed. The assessment included performing Bank Erosion Hazard Index (BEHI) and Near Bank Stress (NBS) measurements, habitat assessments, and geomorphic assessments on approximately 80 miles of stream channel in the McDowell Creek Watershed. In addition to the aforementioned analysis, a parcel level pollutant loading analysis was conducted for all publicly owned parcels in the McDowell Creek Watershed. Each property was evaluated for BMP feasibility and effectiveness. Of the 41 publicly owned parcels, 14 were identified as "high" priority for BMP retrofits and 17 were identified as "high" priority for S.W.I.M. Buffer restoration. Mecklenburg County Storm Water staff members are currently pursuing funding to implement the findings of the McDowell Creek Watershed Management Plan through grants and public – private partnerships.

Table 1: General McDowell Creek Watershed Statistics.

McDowell Creek Watershed Population	1990	4731	330% Increase
	2000	15,633	
McDowell Creek Watershed Area	18,283 acres (28.6 miles^2)		
Stream Miles (Draining > 50 acres)	73.8 miles		
Dominant Land Uses	Vacant/Forest	5,514 ac (30%)	
	Rural Residential	3,892 ac (21%)	
	Transportation	1,968 ac (11%)	
	Medium Density Residential	2,635 ac (14%)	
	Low Density Residential	968 ac (5%)	
Major Political Jurisdictions	Cornelius	3,386 ac. (18.5 % of Watershed)	
	Huntersville	14,897 ac. (81.5 % of Watershed)	
Major Streams in the McDowell Creek Watershed	Caldwell Station	1.03 miles	
	McDowell Creek	10.71 miles	
	McDowell Creek Trib #1	0.84 miles	
	McDowell Creek Trib #2	0.55 miles	
	Torrence Creek	3.30 miles	
	Torrence Creek Trib #1	2.53 miles	
	Torrence Creek Trib #2	1.56 miles	

SECTION 1. INTRODUCTION

1.1 Purpose

The purpose of this Watershed Management Plan is to guide restoration, retrofit and preservation efforts aimed at achieving specific goals for improving water quality conditions in McDowell Creek and McDowell Creek Cove such that these waters meet or exceed their State designated uses and are no longer rated as impaired on 303(d) lists.

This Watershed Management Plan seeks to:
1. Summarize important information regarding the McDowell Creek Watershed relative to water quality.
2. Describe current and historical water quality conditions/trends in the watershed.
3. Describe current efforts underway in the watershed to protect and restore water quality.
4. Describe water quality goals for the watershed.
5. Prioritize areas for restoration, retrofit and preservation efforts aimed at achieving water quality goals.
6. Describe the process forward for implementing water quality efforts.

The ultimate goal after complete implementation of this Watershed Management Plan is a fully functioning and supporting stream ecosystem in McDowell Creek and a safe and secure water supply downstream in McDowell Creek Cove and Mountain Island Lake.

1.2 Background

The McDowell Creek Watershed is located in the northern portion of Mecklenburg County and lies predominantly within Huntersville's jurisdiction with a small portion of the headwaters in Cornelius' jurisdiction. Figure 1 shows the location of the McDowell Creek Watershed in Mecklenburg County along with its jurisdictional boundaries. McDowell Creek drains to Mountain Island Lake at McDowell Creek Cove, which is directly upstream of the main Charlotte Mecklenburg Utilities' water intake. Water quality conditions in McDowell Creek Cove are among the worst in the reservoirs that comprise the western boundary of Mecklenburg County (Lake Norman, Mountain Island Lake and Lake Wylie). The major features within the McDowell Creek Watershed, including the Charlotte Mecklenburg Utilities water intake, are shown in Figure 2. Also shown in Figure 2 are the main-stem of McDowell Creek and many of the tributaries draining to it.

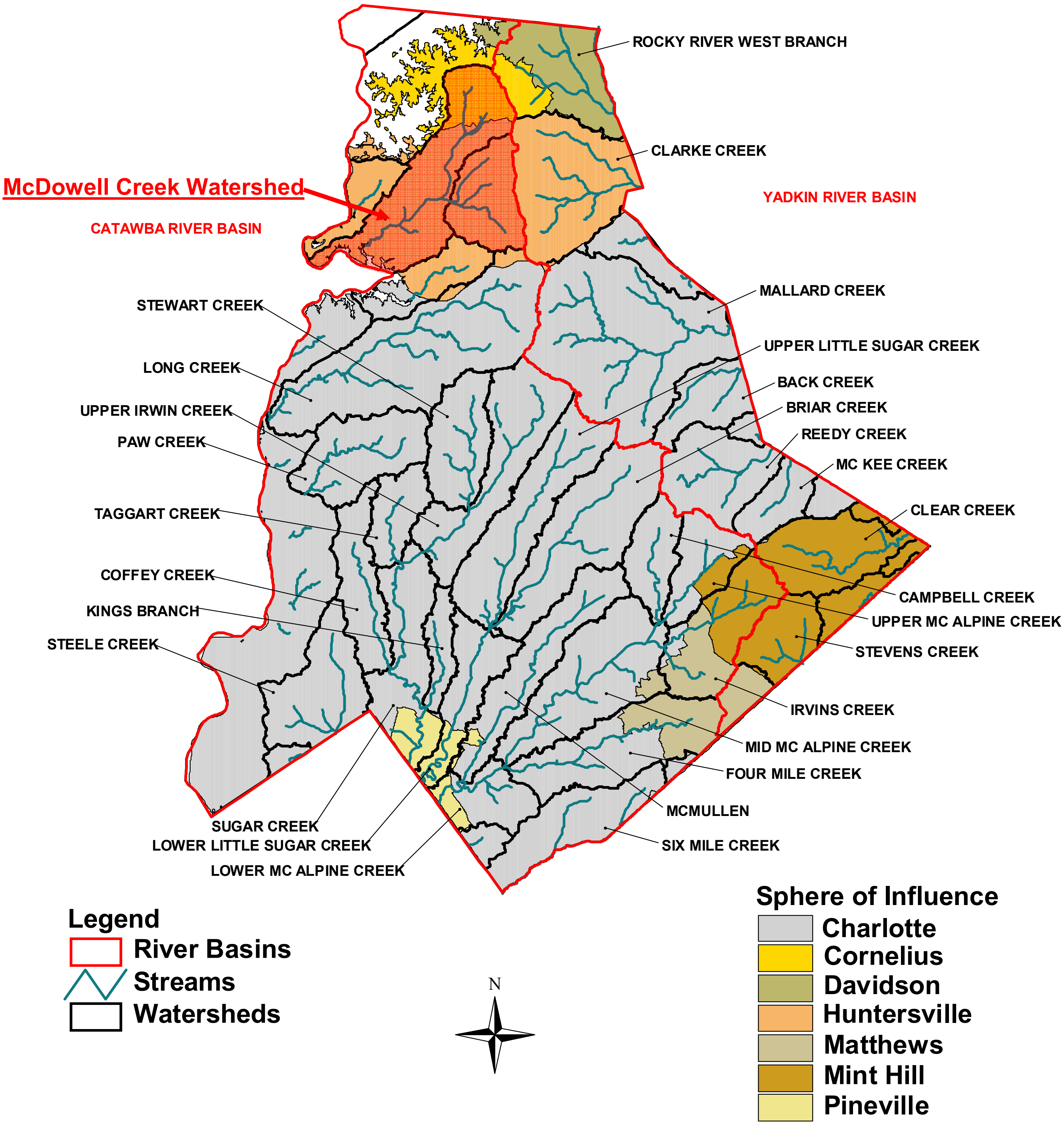


Figure 1: Mecklenburg County Watershed and Jurisdictional Boundaries.

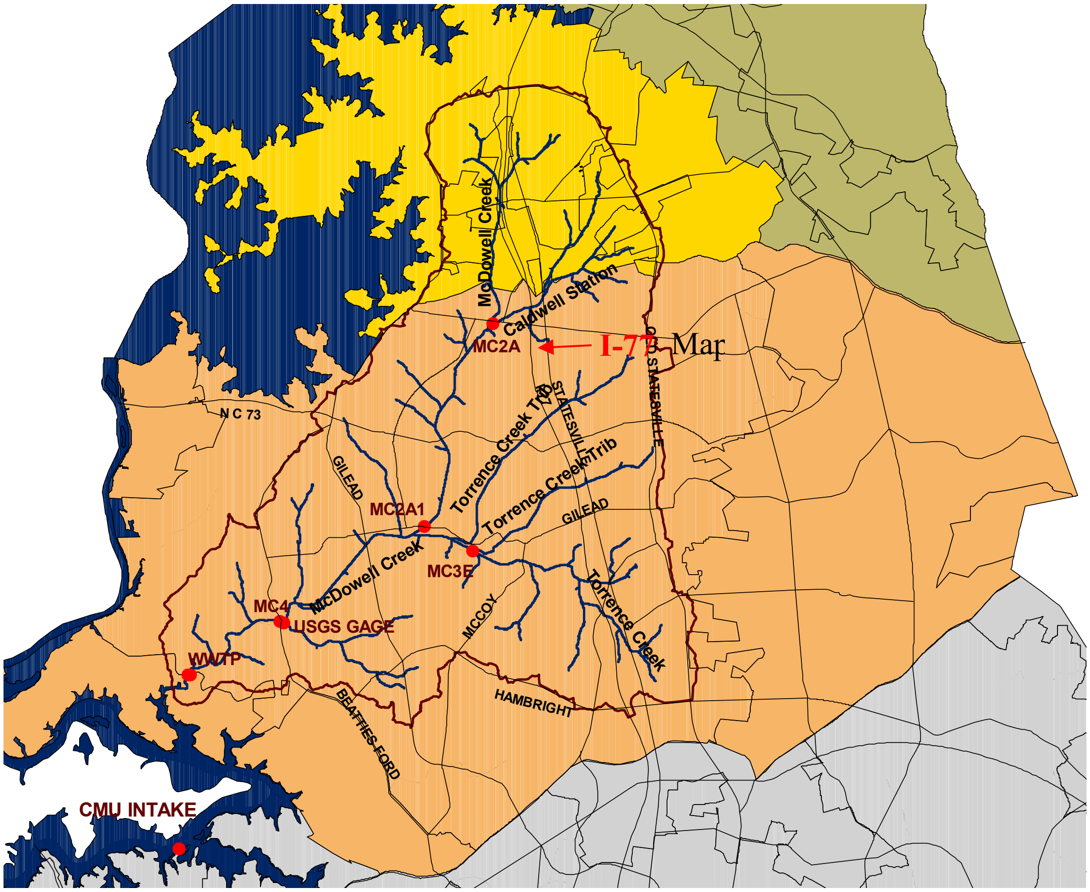


Figure 2: Special Features Within the McDowell Creek Watershed. Note: MC4, MC2A1, MC3E and MC2A denote Mecklenburg County water quality monitoring sites.

Historically, land in the McDowell Creek Watershed was used for agriculture. However, the construction of I-77 through much of the headwaters and the recent growth of the Charlotte region has resulted in a significant increase in land development activities in the watershed which has dramatically altered the landscape (see Figure 3). In addition to the recent changes brought about by urbanization, drastic changes to the stream system have occurred in the last century. At some point in the past, the stream was straightened, most likely by the U.S. Army Corps of Engineers, either to prevent flooding or to improve the land for agricultural uses (Charlotte-Mecklenburg Storm Water Services, 1997). Spoils piles from this process can still be seen along several of the stream reaches (Figure 4). Additionally, during recent years mining of the creek bed for sand was conducted. Mecklenburg County staff describe long sections of the bed material of McDowell Creek as sandy. It is possible that the bed for portions of McDowell Creek has always been sandy, which may limit the effectiveness of stream restoration efforts.

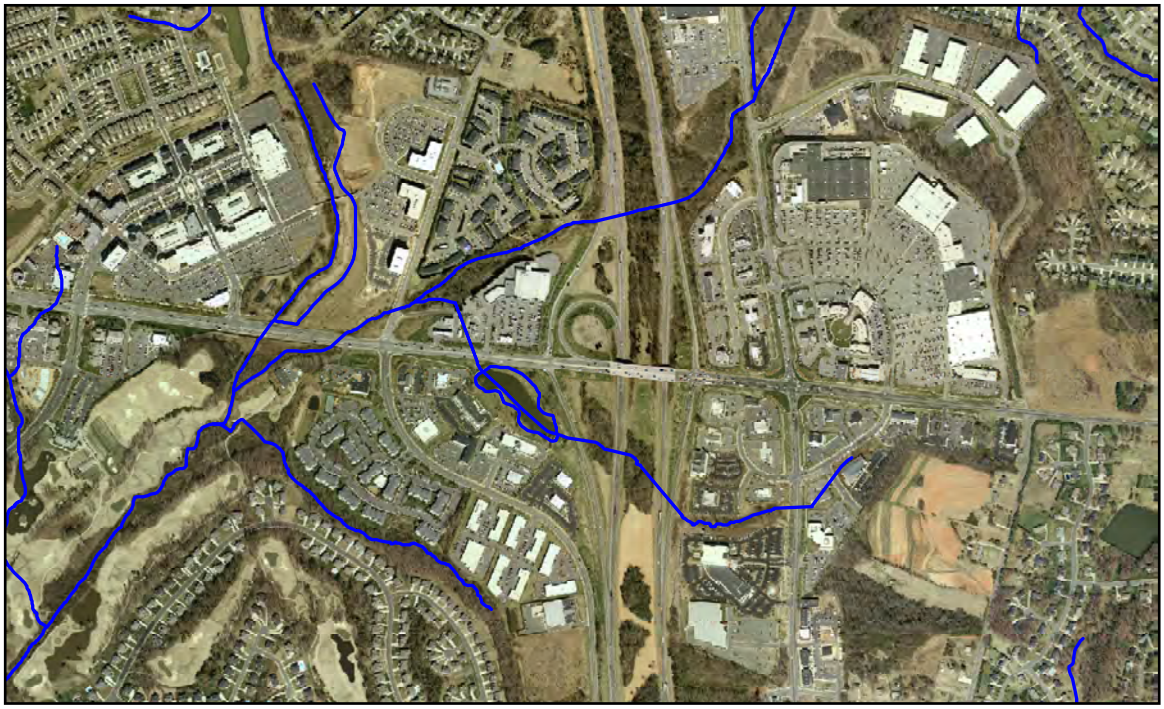


Figure 3: Urbanization Around I-77 at Exit 25 in the McDowell Creek Watershed.

Figure 4: McDowell Creek Showing Spoils Piles from Channel Straightening.

McDowell Creek is listed in the 2004 Draft of the North Carolina 303(d) list (North Carolina, 2004) as having "Overall" "Impaired biological integrity: stressors not identified." A total of 9.8 miles of McDowell Creek are identified in the list, which includes the entire stream from its source to Mountain Island Lake. Typically streams are listed on the 303(d) list dependant upon their intended uses. Intended uses are generally determined through the stream class. Figure 5 shows the main segments of McDowell Creek and its tributaries color coded by Stream Class. Table 2 lists stream classes appropriate for McDowell Creek and the associated description. In North Carolina, surface water quality regulations are defined for particular classes of use support. For instance, Class C waters must support aquatic life and secondary recreation (infrequent human body contact), while Class B waters must support aquatic life and primary recreation (frequent human body contact or swimming). Individual streams, lakes, and reservoirs (or portions of each) are assigned one or more classes. All of the contributing streams to a body of water receive the same designation when they are not specifically defined. Each class has a set of regulations, including water quality standards associated with it. If chemical/physical water quality monitoring reveals that a stream is not meeting a water quality standard, then it is considered "Impaired." If biological monitoring indicates a lack of abundance and/or diversity of aquatic life in a stream, then it is considered as having "Impaired biological integrity." Impaired streams are placed on the 303(d) list and a restoration method is specified such as the development of a total maximum daily load or TMDL.

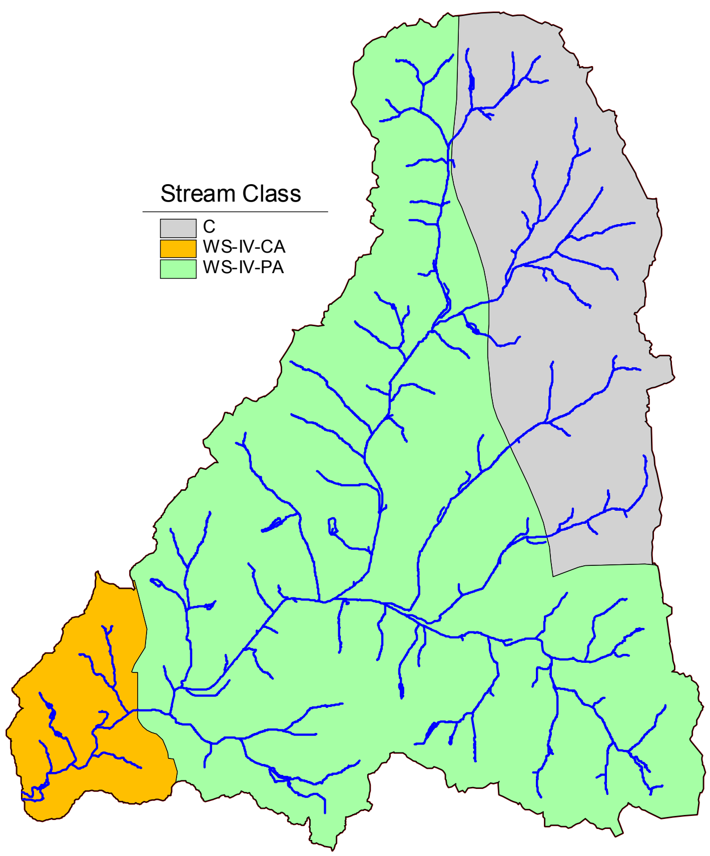


Figure 5: McDowell Creek Stream Classes.

Table 2: McDowell Creek Stream Class Descriptions.

Stream Class	Description
C	Freshwaters protected for secondary recreation, fishing, aquatic life including propagation and survival, and wildlife. All freshwaters shall be classified to protect these uses at a minimum.
WS-IV- CA	Water Supply IV – Critical Area: Area within ½ mile of the normal pool elevation of a water supply reservoir where risk associated with pollution is greatest. Freshwaters protected as a water supply in moderate to highly developed watersheds. Local governments required to control non-point sources of pollution.
WS-IV-PA	Water Supply IV – Protected Area: Adjoining and upstream of the critical area up to 5 miles from the normal pool elevation or ridgeline, whichever is less. Freshwaters protected as a water supply in moderate to highly developed watersheds. Local governments required to control non-point sources of pollution.

SECTION 2. CURRENT AND HISTORICAL CONDITIONS

2.1 Previous Work

2.1.1 McDowell Creek Watershed HSPF Model

In June 2000, Mecklenburg County contracted with Tetra Tech, Inc. to perform a detailed analysis of McDowell Creek with the ultimate goal of providing a watershed based water quality model. The HSPF model eventually developed by Tetra Tech was used to compare the potential range of water quality in McDowell Creek and McDowell Creek Cove under existing and future land use conditions. The model was developed using a number of data sources, including meteorological, water quality, and land use data from Mecklenburg County, stream gaging and water quality data from USGS, and several other sources of information needed to fully parameterize and calibrate the model. Details of the model, its calibration, and the results are available in a previous report (Tetra Tech, 2002). The results of the model indicated massive increases in sediment and nutrient loading as well as peak flow rates and runoff volume. An increase in each of the indicators was expected to cause continued degradation of water quality conditions in McDowell Creek and McDowell Creek Cove as the watershed continues to develop. The results of the model were presented to the Huntersville Town Board, which subsequently adopted the Huntersville LID ordinance (Section 2.3.3) to mitigate the water quality impacts of expected development.

2.1.2 USGS

The USGS performed a series of studies in Mecklenburg County during the 1990's which included the McDowell Creek watershed (Bales, Weaver, and Robinson, 1999; Robinson, Hazell, and Garrett, 1996; Robinson, Hazell, and Garrett, 1998; Sarver, Hazell, and Robinson, 1999; Ferrell, 2001). The USGS also undertook a detailed study of Mountain Island Lake (Bales, Sarver and Giorgino, 2001). The North Carolina Division of Water Quality performed a study of the influence of the WWTP on McDowell Creek and Mountain Island Lake (NCDWQ, 1996). Two of the aforementioned studies most pertinent to the McDowell Watershed Management Plan are discussed below:

<u>Bales, Sarver and Giordino (2001):</u> This report characterized ambient hydrologic and water quality conditions in Mountain Island Lake including McDowell Creek Cove. The study established the direct linkage between the water quality of Mountain Island Lake and pollutant loading from Lake Norman as well as McDowell Creek. In other words, although Cowans Ford Dam supplies more than 80% of the flow in Mountain Island Lake pollutant loadings from McDowell Creek are disproportionately important to the water quality in McDowell Creek Cove.

<u>Bales, Weaver and Robinson (1999):</u> This report characterized storm water runoff at several sites throughout Mecklenburg County, including McDowell Creek at Beatties Ford Road (USGS Site 44). Results indicated that developing watersheds such as the McDowell Creek Watershed typically produce higher loads of nutrients, metals and

sediment than do stable watersheds. These results support the need for post-construction controls on development as well as mitigation of existing sources of pollution in McDowell Creek.

2.1.3 Charlotte-Mecklenburg Storm Water Services

In January 2002, Watershed Concepts issued the McDowell Creek Watershed Preliminary Engineering Report (Watershed Concepts, 2002). This report described the condition of the stream channel using the Rosgen Stream Classification System. The conclusions from this report are presented in Section 2.2.3.

2.1.4 North Carolina Wetlands Restoration Program

In 2003, CH2MHill completed a planning initiative for the North Carolina Wetlands Restoration Program (CH2Mhill, 2003). The planning initiative focused on several watersheds in the Charlotte, NC region, of which the McDowell Creek Watershed was included. The initiative included analysis and prioritization of restoration needs and opportunities in each watershed. The analysis, which consisted mostly of office level screening, involved the scoring of areas based upon GIS characteristics such as soils, vegetation, air photos, hydrology and land-use. A modeling component was also included in the study. From this study, 13 potential restoration sites were identified in the McDowell Creek Watershed, which are shown in Figure 6. Figure 6 also illustrates that several of the restoration sites lie partially, or fully, within publicly owned land.

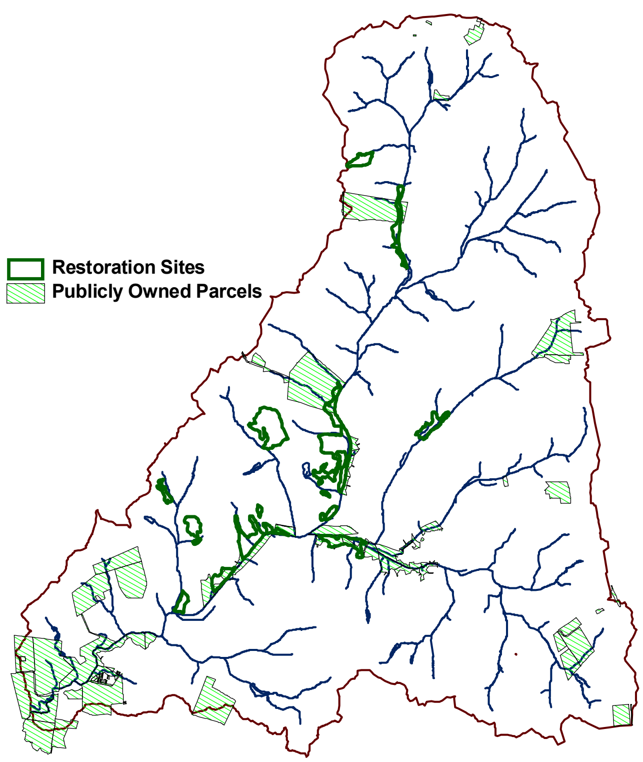


Figure 6: Restoration Sites Identified by CH2Mhill (2003).

2.2 Existing Conditions

2.2.1 Water Chemistry

Mecklenburg County collects storm water samples from McDowell Creek at monitoring site MC4, which is located at Beatties Ford Road in Huntersville's jurisdiction (Figure 2). The monitoring site receives runoff from portions of Huntersville and Cornelius. The CMU wastewater treatment plant in the McDowell Creek Watershed is located downstream of MC4 and therefore does not influence the storm water samples collected from the site. Approximately 59% of the samples analyzed for total nitrogen (TN) and 37% of those analyzed for total phosphorus (TP) exceeded the Mecklenburg County action level, which is indicative of a water quality problem. High levels of fecal coliform bacteria were typically detected. Zinc was detected above the action level in approximately 58% of samples collected (Table3). Estimates of total suspended solid (TSS) loads in McDowell Creek have increased steadily since 2000, in spite of several drought years. Likely causes of the increase in estimated TSS loads are increased construction activity and in-stream erosion caused by an increase in storm water runoff volume and velocity. Tetra Tech, Inc. (2004) estimated TN, TP and TSS loading rates for the McDowell Creek watershed at 4.60 lbs/ac/year, 0.72 lbs/ac/year and 574 lbs/ac/year respectively. These values are consistent with near-by watersheds. Note that these values are for upland sources only, which includes storm water runoff from the watershed and does not include wastewater treatment plant (WWTP) effluent or other point or in-stream sources.

Table3: Storm Water Chemistry Statistics for MC4.

Monitoring Site: MC4	Total N	Total P	Fecal Coliform	Zinc
Action Level:	1.5 ppm	0.4 ppm	1000 cfu/100Ml	50 ug/L
Sample size	22	19	5	19
MIN	0.68	0.06	900	0.04
MAX	3.36	1.88	89000	395.00
MEAN	2.10	0.53	21020	81.39
MEDIAN	2.14	0.25	3000	65.00
% samples over Action Level	59.09	36.8	100	57.89

McDowell Creek baseflow samples are collected from MC3E, MC4, MC2A-1 and MC4A (Figure 2). The data presented includes sample results from site MC4A, which is downstream of the McDowell WWTP. The McDowell Creek WWTP uses advanced technology to control levels of nutrients released from the plant. Most of the watershed drains Huntersville's jurisdiction with a small part of the headwaters draining Cornelius. TN exceedances during baseflow were detected 1% of the time and TP exceedences were detected 32% of the time. Exceedances of TN were below the county average whereas exceedances of TP were above the county average. Fecal coliform concentrations in excess of 1000 c.f.u./100 ml were detected approximately 22% of the time, which is somewhat less than the countywide average (Table4). The number of exceedances, which has been limited to TN, TP and Fecal Coliform, has decreased steadily since 1988 (Figure 7). The WQI values have also tended to improve since 1988 and have remained in the "Good" range with occasional "Good/Excellent" ratings (Figure 8). The most notable reason for improved water quality is improved nutrient removal systems at the McDowell Creek WWTP. Construction of the removal systems at the WWTP was completed in November 1998 and the systems were fully operational by March 1999. The nutrient limits placed on the facility were 1.0 mg/L for TP and 10.0mg/L for TN.

Table 4: Baseflow Water Chemistry Statistics.

Monitoring Sites: MC3E, MC4, MC2A-1, MC4A	Total N	Total P	TSS	Fecal Coliform	Zinc
Action Level:	1.5 ppm	0.4 ppm	50	1000 cfu/100Ml	50 ug/L
Sample size	455	454	55	457	107
MIN	0.06	0.01	1	10	0.01
MAX	5.20	2.60	74	9000	20.00
MEAN	0.44	0.27	6	821	0.46
MEDIAN	0.32	0.06	3	400	0.03
% samples over Action Level	1.32	32.16	1.82	22.10	0
Countywide % samples over action level	27.7	18.6	1.3	27.1	

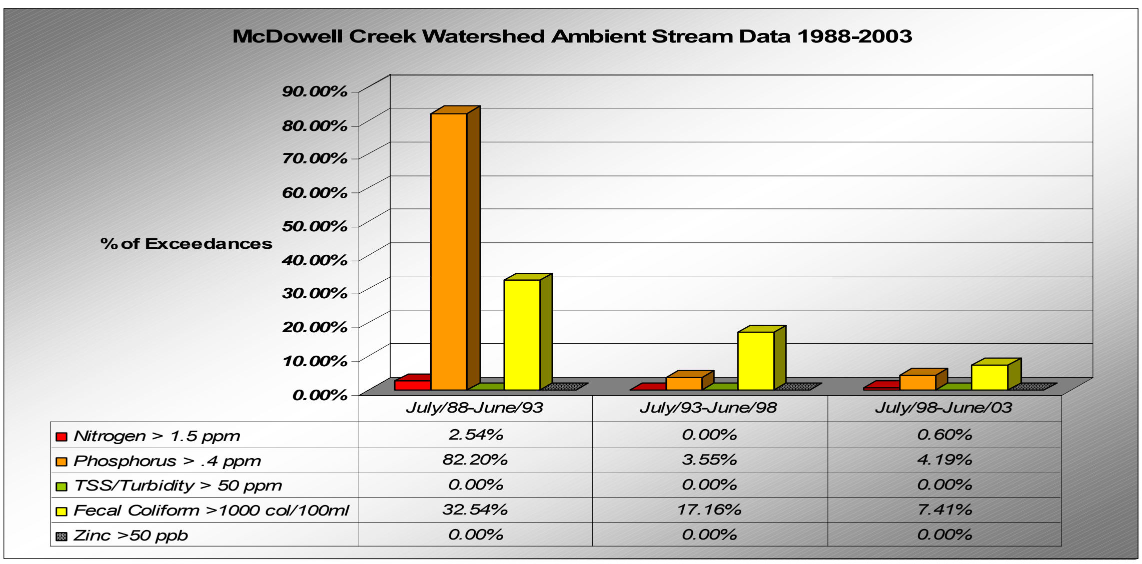


Figure 7: Historical Water Chemistry Data for McDowell Creek.

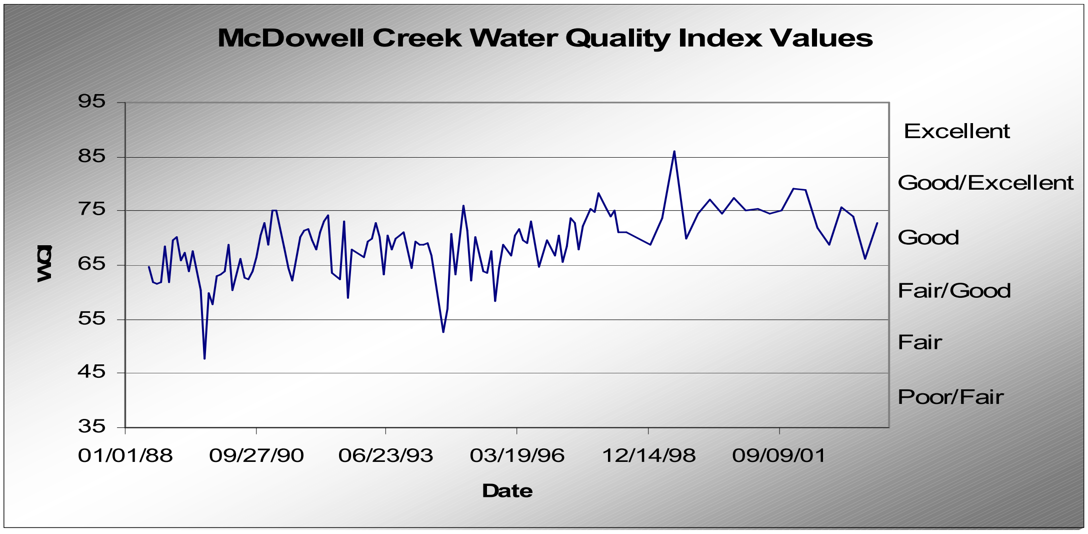


Figure 8: Historical Baseflow Water Quality Index Values.

2.2.2 Biological

The benthic macroinvertebrates in McDowell Creek are monitored annually by Mecklenburg County at Gilead Road (site MC2A-1) and at Beatties Ford Road (site MC4), and in Torrence Creek at Bradford Hill Drive (site MC3E) (see Figure 2). The EPT taxa richness was generally below 7 species for all samples taken since 1994 in McDowell Creek and was slightly higher in Torrence Creek. Figure 9 presents the benthic macrinvertebrate scores for McDowell Creek since 1994. As can be discerned from the graph, MC3E (Torrence Creek) has exhibited a steady decline in its macroinvertebrate population. None of the sites are ranked "Fully Supporting" for macroinvertebrates. These results are expected in a stream that lacks a stable habitat such as McDowell Creek, which has a shifting sand bottom and lacks riffles and other stable substrate. The McDowell Creek watershed is rapidly changing from a rural watershed to a suburban watershed, as the area is experiencing extensive development.

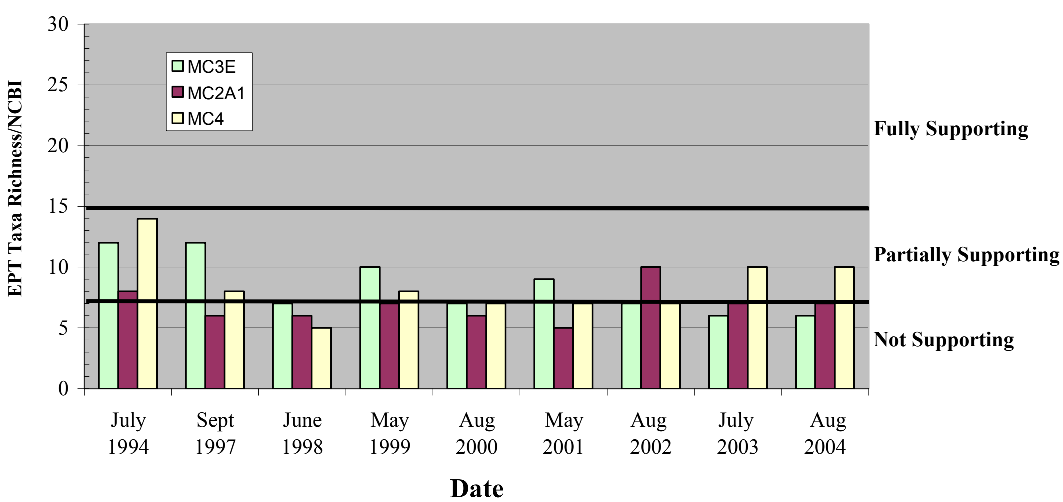


Figure 9: McDowell Creek Benthic Macroinvertebrate Scores.

Mecklenburg County last monitored the fish in McDowell Creek in 1996 at Gilead Road (site MC2A-1), at Beatties Ford Road (site MC4) and at Neck Road (site MC4A). In Torrence Creek, fish are monitored at Bradford Hill Drive (site MC3E). Based on this monitoring, McDowell and Torrence Creeks were rated as Fully Supporting.

The N.C. Department of Environment and Natural Resources (NCDENR) performs biological monitoring for benthic macroinvertebrates and fish in McDowell Creek. Benthic macroinvertebrate monitoring is performed at Beatties Ford Road and McDowell Creek (same as Mecklenburg County monitoring site MC4). Fish monitoring is performed at Gilead Road and McDowell Creek (same as Mecklenburg County monitoring site MC2A-1). In the N.C. Basinwide Assessment Report prepared by NCDENR in 2003, the results of their biological monitoring activities are summarized. In general, the report describes a substantial decline in fish populations in McDowell Creek. In 1997, the fish community in McDowell Creek was rated as Fair and in 2002 the rating declined to Poor. In five (5) years, the North Carolina Index of Biotic Integrity (NCIBI), which is a measure of total fish species diversity and abundance, dropped 18 points from 40 to 22. The NCIBI scale ranges from 1 to 60; therefore, 18 points represents almost 30% of the scale which is an alarming decline in only five (5) years. The report attributes this decline to substantial decreases in total species diversity (from 15 in 1997 to 5 in 2002) and abundance (from 157 in 1997 to 81 in 2002). The number of fish collected in McDowell Creek by NCDENR was the lowest of any stream monitored in the Catawba River Basin in 2002. McDowell Creek was also the only creek in the Basin where the bluehead chub was not collected. In addition, suckers, a species known to be intolerant of pollutants, and piscivores were absent. Between 1997 and 2002, the report indicates that the percentage of pollution tolerant fish species and insectivores increased substantially from 39 to 63 percent and from 53 to 100 percent, respectively. This decline in pollution intolerant species and increase in pollution tolerant species is indicative of an overall decline in water quality conditions in McDowell Creek.

The 2003 N.C. Basinwide Assessment Report indicates a similar decline in the benthic macroinvertebrate community based on NCDENR’s monitoring. In 1990, McDowell Creek rated as Good-Fair for macroinvertebrates. Sampling in 2002 indicated a decline to Fair with a significant decrease in the number of species collected. The creek was reported to be extremely sandy (85 percent) with minimal habitat. Species absent in 2002 that were common or abundant in 1990 included the mayflies. There were also three (3) species of long-lived intolerant stoneflies collected in 1990 that were not collected in 2002. NCDENR data supports McDowell Creek’s 303(d) list ranking of “Biologically Impaired” and it is apparent that conditions are getting worse and not better.

2.2.3 Physical

In January 2002, Watershed Concepts issued the McDowell Creek Watershed Preliminary Engineering Report (MCSWS Project No. 28001). The Rosgen stream classification system was utilized to provide an initial assessment of the morphology of McDowell Creek. The Rosgen system uses field measurements of stream features to describe a stream by morphologic type. An array of stream types is presented under the system that is delineated by slope, channel materials, width/depth ratio, sinuosity and entrenchment ratio. For the assessment of McDowell Creek, the stream type is described at the geomorphic characterization level (Level I) of the hierarchical system of classification. At this level of inventory, the channel pattern, shape and slope are described. Information utilized as a part of this classification included field observations, aerial photography, USGS quadrangle maps, and other digital topographic information for investigation of the channel pattern and valley form. The low sinuosity of the channel is primarily due to the installation of the sewage main line and straight alignment of the stream in many reaches. Generally, the channel displays a low width/depth ratio, low sinuosity and relatively low channel slope. However, after careful examination of the tendencies within the creek, the majority of McDowell Creek was classified as a type G channel with some reaches possibly being classified as type F. Indicators of a new bankfull flow line were observed below the historic top-of-bank, which imply that the channel has incised within the historic floodplain. Channel incision is significant in some areas (see Figure 10). This has most likely resulted from a combination of urbanization of the watershed and manual re-grading of the channel. The historic floodplain, which was formed as an alluvial plain bounded by gentle slopes of upland soils, currently forms a terrace that confines the channel. The channel bank slopes are relatively steep with the slopes ranging from 1:1 to vertical. Channel widening is resulting in an evolutionary transition to a type F channel. There are occasional reaches where the channel has developed sufficient belt width to begin to form a meandering pattern with stable point bars. The channel profile appears to be relatively stable and not subject to excessive degradation or aggradation. There is evidence, however, of a significant sediment load that is being transported by the stream (see Figure 11). Depositional features such as mid-channel bars, side bars and embryonic point bars are evident along many reaches of the stream. It is likely that the primary source of this depositional material is from construction activities within the watershed and that this material is being transported though the stream system without significant aggradation of the channel bed.

Figure 10: Significant Channel Incision (Scour) on McDowell Creek.

Figure 11: Sediment Transported Down McDowell Creek into Mountain Island Lake.

Analyses performed of McDowell Creek by Tetra Tech in 2004 as part of the post-construction ordinance development process demonstrate a significant potential for further stream degradation. Tetra Tech predicted that approximately 14% of McDowell Creek draining greater than one square mile was at risk for morphic instability and habitat degradation. It is important to note that the only portion of McDowell Creek included in the analysis was that portion draining more than a square mile.

2.2.4 Stream Flow

A watershed will generate larger volumes of storm water runoff and discharge this runoff at higher rates as the amount of imperviousness increases as a result of development. The stream channels that receive the additional runoff are exposed to increased hydraulic forces that can lead to morphologic instabilities through erosion – a process that reduces the availability and quality of aquatic habitat. Aquatic species are dependent upon the channel boundary for shelter, foraging, reproduction, and rest. When boundary materials regularly erode, the aquatic habitat is impacted and unlikely to support a diverse, healthy aquatic community. Therefore, addressing the source of the habitat degradation, additional storm water runoff in this case will help reduce impairment to in-stream biological communities (Tetra Tech, 2004)

2.2.5 Land Use/Land Cover

The land-use/land-cover data set used for this Watershed Management Plan was developed by Tetra Tech Inc. (2004) for the post-construction ordinance development process. The data set was developed through interpretation of a combination of parcel information, aerial photographs, and tree canopy data. The process is more thoroughly described in Tetra Tech Inc. (2004). The land-use data set provides a distribution and classification of all land-uses in the McDowell Creek Watershed. The land-use categories represented in the McDowell Creek Watershed are presented in Table 5 and the distribution of the land-uses for the McDowell Creek Watershed is shown in Figure 12.

Table 5: McDowell Creek Land Use Categories.

Land Use Class	Abbreviation
Agriculture	AG
Heavy Commercial	COMM-H
Light Commercial	COMM-L
Forest	FRST
Golf Course	GC
High Density Residential	HDR
High Density Multifamily Residential	HMFR
High Density Mixed Urban	HMX
Heavy Industrial	IND
Institutional	INS
Interstate Corridor	INTERSTATE
Low Density Residential	LDR
Medium Density Residential	MDR
Meadow	MEADOW
Multi Family Residential	MFR
Medium Low Density Residential	MLDR
Mixed Urban	MX
Office/Industrial	OI-H

Light Office/Light Industrial	OI-L
Park	PARK
Rural Residential	RR
Ultra High Density Mixed Urban	UHMX

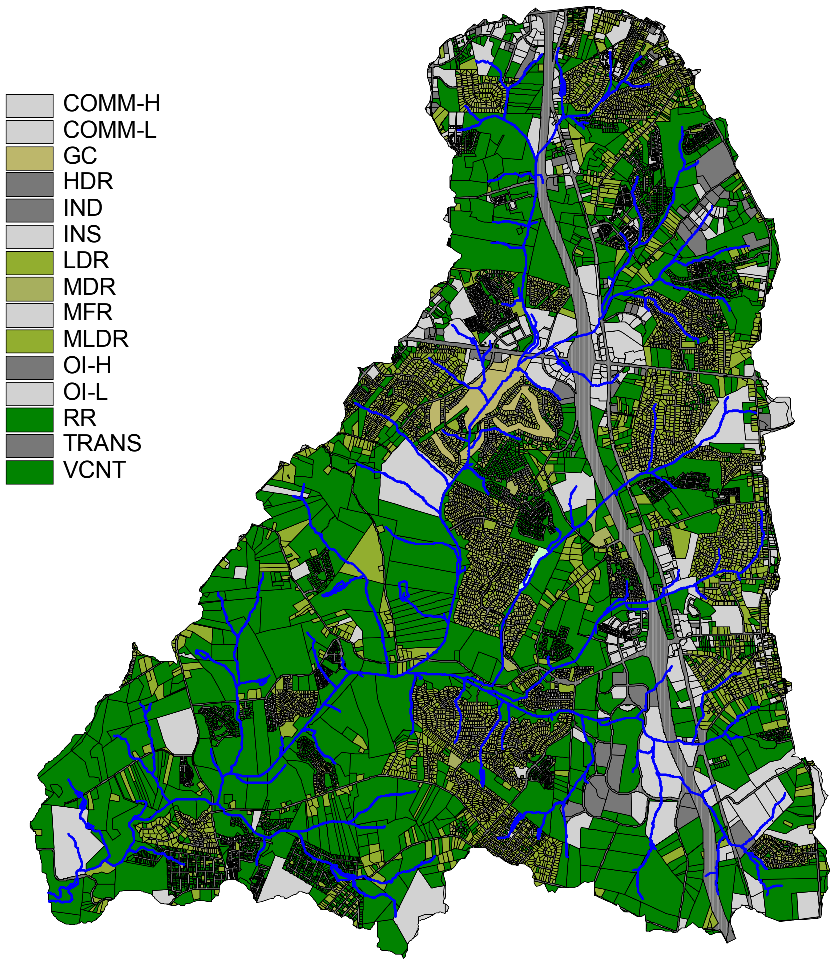


Figure 12: Distribution of Land Uses in the McDowell Creek Watershed.

2.2.6 Soils

The distribution of soils within the McDowell Creek Watershed was determined through the Soil Survey of Mecklenburg County (USDOA – SCS, 1980). The hydrologic soil types found in the McDowell Creek Watershed are B, C and D. A description of each soil type and distribution within the watershed are shown in Table 6. Figure 13 shows the location of the hydrologic soil groups in the McDowell Creek Watershed.

Table6: Hydrologic Soil Groups Found Within McDowell Creek Watershed.

Hydrologic Soil Group	Description (USDOA –SCS, 1980)	Distribution with McDowell Creek Watershed
B	Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission	11,180 acres (61% of watershed)
C	Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils that have a layer that impedes the downward movement of water of soils that have moderately fine texture or fine texture. These soils have a slow rate of water transmission.	6830 acres (38% of watershed)
D	Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clay soils that have a high shrink-swell potential, soils that have a permanent high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.	225 acres (1% of watershed)

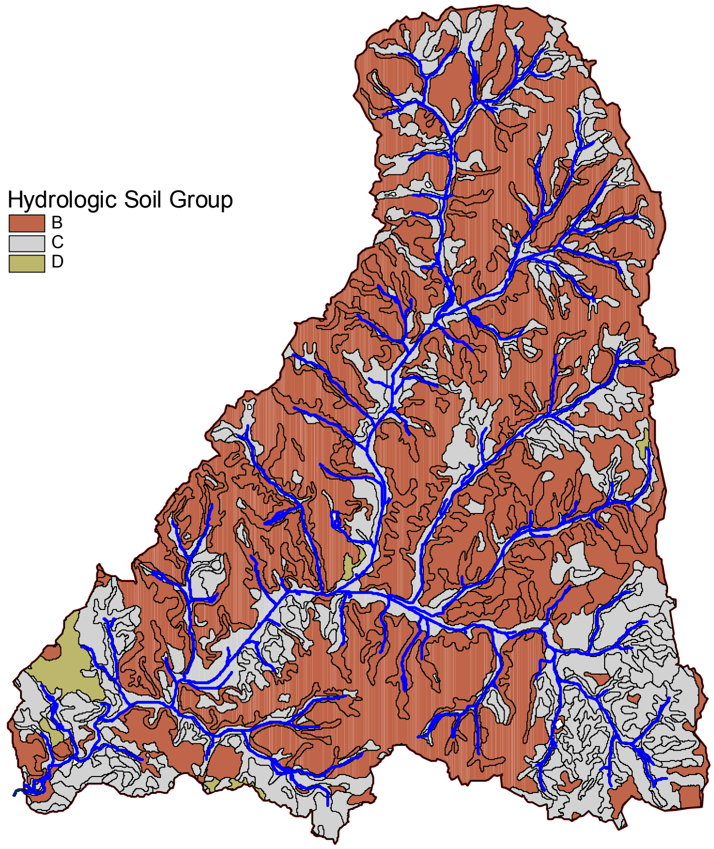


Figure 13: Distribution of Hydrologic Soil Groups in McDowell Creek Watershed.

2.3 Current Watershed Protection Efforts

2.3.1 Watershed Protection Ordinance

In 1992, North Carolina passed a law requiring local governments located in water supply watershed areas (WS classification) to develop regulations aimed at protecting water quality from non-point source pollutants associated with post-construction. Regulatory standards were established by the State and local governments were required to pass regulations which at a minimum complied with these standards. Most jurisdictions in Mecklenburg County adopted more stringent watershed regulations and incorporated them into subdivision, land development and/or zoning ordinances. A majority of these regulations address the following three issues: (1) development density (amount of built upon or impervious area), (2) buffer widths and (3) landuse. The Watershed Protection Ordinance for the McDowell Creek Watershed (as applied to the Mountain Island Lake Watershed) is summarized in Table7. Figure 14 shows the distribution of the Watershed Protection Zones within the McDowell Creek Watershed.

Table7: Watershed Protection Ordinance for the McDowell Creek Watershed.

Zone	Zoning Jurisdiction	Built Upon Area	Lake/Stream Buffer
Protected Area (PA)	Cornelius	≤ 24% - Low Density ≤ 50% - High Density	50 Feet 100 Feet
Protected Area 1 (PA1)	Huntersville	≤ 24% - Low Density ≤ 70% - High Density	50 Feet 100 Feet
Protected Area 2 (PA2)	Huntersville	≤ 24% - Low Density ≤ 70% - High Density	30 Feet 100 Feet
Protected Area – Minimum Requirements	North Carolina – Statewide	≤ 24% - Low Density ≤ 70% - High Density	30 Feet 100 Feet
Critical Area 1 (CA1)	Huntersville	≤ 6% - Low Density	100 Feet or 100 yr. Floodplain (whichever is greater)
Critical Area 2 (CA2)	Huntersville	≤ 12% - Low Density	100 Feet or 100 yr. Floodplain (whichever is greater)
Critical Area 3 (CA3)	Huntersville	≤ 12% - Low Density	100 Feet or 100 yr. Floodplain (whichever is greater)
Critical Area 4 (CA4)	Huntersville	≤ 24% - Low Density	100 Feet or 100 yr. Floodplain (whichever is greater)
Critical Area – Minimum Requirements	North Carolina – Statewide	≤ 24% - Low Density ≤ 50% - High Density	30 Feet 100 Feet

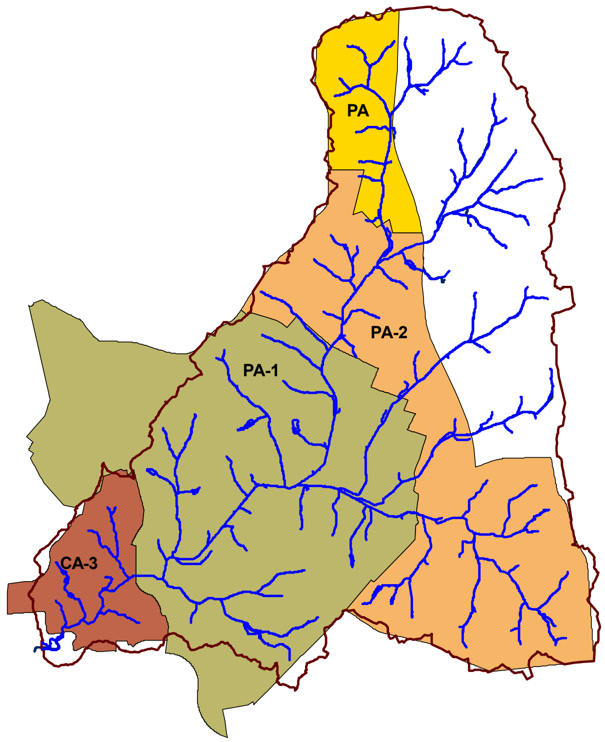


Figure 14: Distribution of Watershed Protection Zones Within the McDowell Creek Watershed.

2.3.2 S.W.I.M. Buffer Ordinance

A countywide stream buffer system was established in 1999 as part of the Surface Water Improvement and Management (S.W.I.M.) strategy, otherwise known as S.W.I.M. buffers. According to S.W.I.M., streams have the primary natural function of conveying storm and ground water, storing floodwaters and supporting aquatic and other wildlife. The buffer is the vegetated land adjacent to the stream channel, which functions to protect water quality by filtering pollutants and to provide both storage for floodwaters and suitable habitat for wildlife.

Required stream buffer widths vary from 35 to 100 feet or more based on the size of the upstream drainage basin. In Cornelius and Huntersville, S.W.I.M. buffer requirements begin at a point where the stream drains 50 acres. Approximately 1,686 acres (9.2%) of the McDowell Creek watershed is S.W.I.M. buffer. Table 8 presents the S.W.I.M. buffer requirements for both Huntersville and Cornelius. Figure 15 shows the extent of the S.W.I.M. buffers in the McDowell Creek Watershed.

Table 8: S.W.I.M. Buffer Requirements for Cornelius and Huntersville.

Jurisdiction	Date Ordinance Adopted	Total Buffer Widths		
		≥ 640 acres	≥ 300 acres	≥ 50 acres
Cornelius(2)	12/6/99	total = entire floodplain but no less than 100 feet	total = 50 feet no zones	total = 35 ft no zones
Huntersville(1)	10/19/99	total = floodway + 100% of floodfringe but no less than 100 ft streamside = 30ft managed use = 45 ft upland = remainder	total = 50 feet streamside = 20ft managed use = 20ft. upland = 10ft	total = 35 ft streamside = 20ft managed = none upland = 15ft

All buffers are measure horizontally on a line perpendicular to the surface water, landward from the top of the bank on each side of the stream.

(1) Function, vegetative targets and uses for each of the buffer zones correspond to the buffer plan developed by the S.W.I.M. Panel dated April 20, 1999.

(2) No buffer zones have been designated. The entire buffer area is designated in the Ordinance as "UNDISTURBED."

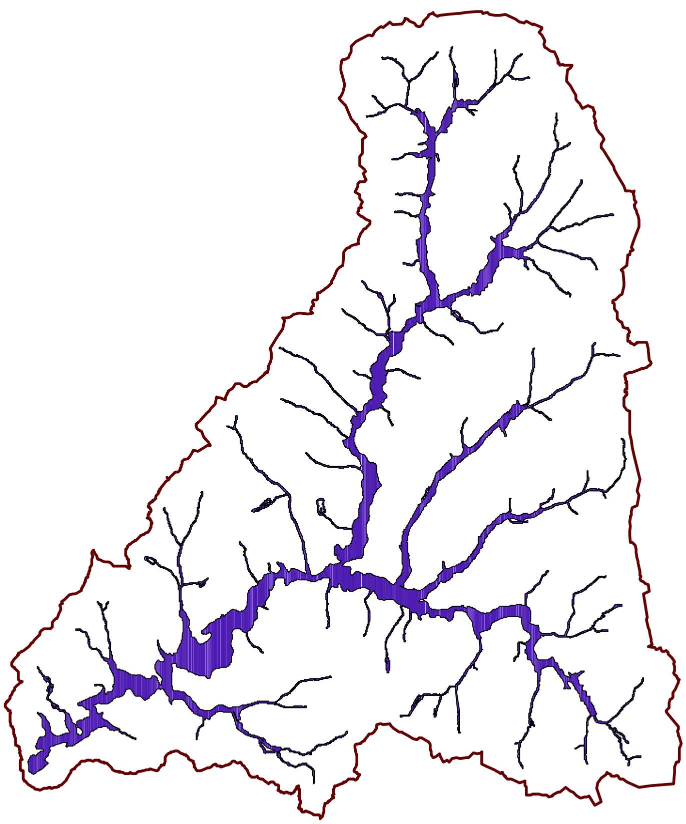


Figure 15: Approximate Extent of McDowell Creek Watershed S.W.I.M. Buffers.

2.3.3 Huntersville Water Quality Ordinance

The Huntersville Water Quality Ordinance was implemented to prevent surface water quality degradation in the streams and lakes within Huntersville and its extraterritorial jurisdiction. The ordinance seeks to limit water quality impacts from new development and re-development through controlling and treating storm water runoff. Specifically, storm water runoff must be treated with water quality BMPs and storm water volumes and rates must be controlled. The ordinance requires the following:

1. All storm water treatment systems used to meet these Performance Criteria shall be designed to achieve average annual 85% Total Suspended Solids (TSS) removal for the developed area of a site. Areas designated as open space that are not developed do not require storm water treatment. All sites must employ LID practices to control and treat runoff from the first inch of rainfall.

2. LID practices or a combination of LID and conventional storm water management practices shall be used to control and treat the increase in storm water runoff volume associated with post-construction conditions as compared with pre-construction (existing) conditions for the 2-year frequency, 24-hour duration storm event in the Rural and Transitional Zoning Districts. For all other Zoning Districts, LID practices or a combination of LID and conventional storm water management practices shall be used to control and treat the increase in storm water runoff volume associated with post-construction conditions as compared with pre-construction (existing) conditions for the 1-year frequency, 24-hour duration storm event. This may be achieved by hydrologic abstraction, recycling and/or reuse, or other accepted management practice as described in Section 6 of the Huntersville Water Quality Design Manual.

3. Where any storm water BMP employs the use of a temporary water quality storage pool as a part of its treatment system, the drawdown time shall be a minimum of 48 hours and a maximum of 120 hours.

4. Peak storm water runoff rates shall be controlled for all development above 12% imperviousness. The peak storm water runoff release rates leaving the site during post-construction conditions shall be equal to or less than the pre-development peak storm water runoff release rates for the 2-year frequency, 24-hour duration storm event and 10-year frequency, 24-hour duration storm event. The emergency overflow and outlet works for any pond or wetland constructed as a storm water BMP shall be capable of safely passing a discharge with a minimum recurrence frequency of 50 years. For detention basins, the temporary storage capacity shall be restored within 72 hours. Requirements of the Dam Safety Act shall be met when applicable.

5. No one BMP shall receive runoff from an area greater than five (5) acres. However, the total drainage area from BMPs used in series (i.e., integrated) can exceed this five (5) acre maximum.

For the purpose of this Watershed Management Plan, it is assumed that the Huntersville Water Quality Ordinance will mitigate future impacts to water quality from new development. For this reason, the remainder of the Plan and the recommendations listed are focused upon reducing pollution sources from existing development where limited or no water quality mitigation efforts have been required.

2.3.4 BMP Retrofits and Land Acquisition

An aggressive land acquisition initiative has been underway in the Mountain Island Lake Watershed since 1991 resulting in the expenditure of approximately $29,000,000 in Mecklenburg County Park Bonds. As of 2005, approximately 1,000 acres have been purchased in the McDowell Creek Watershed as part of this program. Properties are currently still being considered for future acquisitions. These properties will be preserved as open space with passive recreation and could be used as potential BMP locations. They were targeted for acquisition due to their potential water quality benefit or their environmental significance. The County and Towns of Cornelius and Huntersville all own property in the watershed that has various uses such as public works facilities, libraries, parks, recycling centers, schools, etc. These publicly owned properties are also possible locations for future BMP retrofit opportunities. Figure 16 shows the location of funded retrofit and restoration projects.

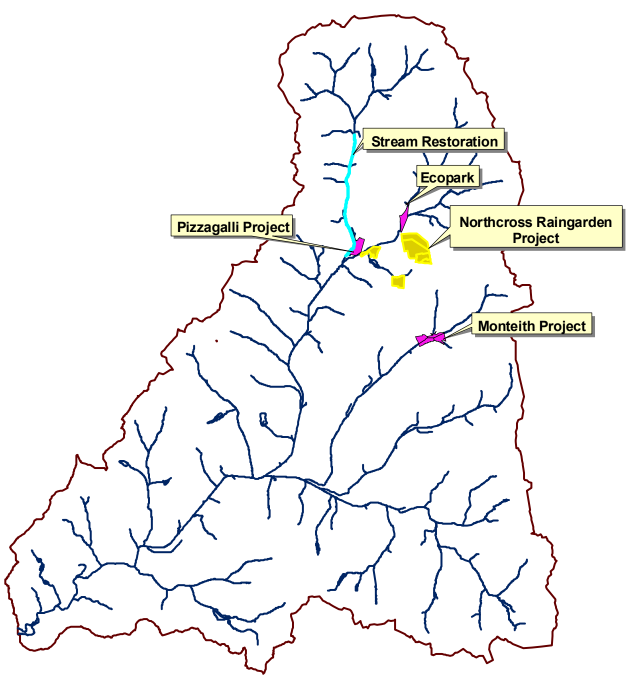


Figure 16: Currently Funded BMP Retrofit and Stream/Wetland Restoration Projects.

In order to address water quality issues in the McDowell Creek Watershed from previously developed properties, Mecklenburg County is actively pursuing grants and other funding sources to assist in the installation of BMP retrofit projects. There are currently three (3) active water quality projects in the watershed as described below. All three (3) projects are within the same general vicinity in the upper watershed area near I-77 and Sam Furr Rd. This area has been designated as a high priority for future restoration.

Caldwell Station Wetland Restoration

This project involves the restoration of wetlands along Caldwell Station Creek just east of Highway 21. The project is being funded by the North Carolina Ecosystem Enhancement Program (NCEEP) and is currently in the design phase. The Town of Cornelius hopes to provide amenities to the site by making it an outdoor classroom "Eco-Park." No Charlotte- Mecklenburg Storm Water Services' funds will be used to finance this project.

McDowell BMP Retrofit Project

This project involves six different properties totaling 90 acres. The properties involved include the Northcross Shopping Center, Target, Food Lion Shopping Center, Charlotte Hospital Authority, and Monteith Park subdivision. The majority of the project drains to Caldwell Station Creek, with the exception of one property which drains to a tributary of Torrence Creek. The project involves installing up to 70 bioretention BMPs in parking lots and other strategic locations as well as installing two (2) storm water wetlands. The project budget is approximately $2.1 million and is being partially funded by grants from the N.C. Clean Water Management Trust Fund and the N.C. 319 Program totaling approximately $1.1 million. Charlotte- Mecklenburg Storm Water Services will contribute $1,030,366 through its Capital Improvement Program. The project is currently in the design phase with construction planned for the fall of 2006.

McDowell Creek Stream Restoration

The main stem of McDowell Creek near Birkdale Village will be restored from Sam Furr Rd. to Westmoreland Rd. This encompasses approximately 1½ miles of restoration and habitat improvement. This particular reach of McDowell Creek is severely eroded and aquatic habitat is lacking. The project goals are to improve stream sinuosity and habitat by creating riffles and water quality features for aquatic life. This project is funded primarily by the NCEEP, although $95,000 was awarded through a grant by the North Carolina Natural Resources Conservation Service. Charlotte- Mecklenburg Storm Water Services will contribute $105,000 through its Capital Improvement Program. The Mecklenburg County Parks and Recreation Department is also planning a greenway along the western side of the stream. Including the greenway, this project will cost approximately $3.8 million.

SECTION 3. WATERSHED INDICATORS AND GOALS

3.1 Upland

3.1.1 Upland Water Quality Indicators

Upland water quality is associated with pollutants in storm water runoff from the watershed draining to McDowell Creek. The upland water quality indicators selected for this Watershed Management Plan are Total Suspended Sediment (TSS), Total Phosphorus (TP) and Total Nitrogen (TN). These pollutants are indicative of the impact that contaminated storm water runoff has on water quality. Moreover, they are capable of being accurately simulated with relatively simple methods (unlike temperature or fecal coliform) and are indicators of other parameters of concern.

3.1.2 Upland Water Quality Goals

Tetra Tech (2004) conducted an analysis of watershed scale upland loading rates for existing conditions for all watersheds in Mecklenburg County for TSS, TN and TP. They correlated the loading rates back to biological health and scored each watershed based upon the results. They were able to determine that watersheds capable of sustaining a fully supporting biological community displayed very similar upland pollutant loading rates for TSS, TN and TP. The upland loading rates for these fully supporting watersheds are presented in Table9.

Table 9: Upland Pollutant Loading Rate Goals.

Upland Pollutant Loading Rate Goals
1. TN $\leq$ 4 lbs/ac/year
2. TP $\leq$ 0.6 lbs/ac/year
3. TSS $\leq$ 0.22 tons/ac/year

The goals presented in Table 9 are appropriate to be applied to retrofit BMP projects as a catchment wide design standard. In other words, retrofit BMP projects in a particular catchment should strive to meet the goals in Table 9; however, it is recognized that each individual project may not meet the goals.

3.2 In-Stream

3.2.1 In-Stream Water Quality Indicators

In-stream water quality is associated with pollutants in the stream channel. The in-stream water quality indicator selected for this Watershed Management Plan is TSS. This indicator will provide an indication of the TSS pollutant load conveyed by the channel.

3.2.2 In-Stream Water Quality Goals

Tetra Tech, Inc. (2002) summarized several reports pertaining to sediment production and biological health. Simmons (1993) summarized sediment characteristics of 152 North Carolina streams and rivers (including 100 within the Piedmont region) from data taken during the 1970s. Crawford and Lenat (1989) provide estimates of annual sediment yield from three (3) Piedmont watersheds near Raleigh, N.C., including 0.13 ton/acre for a predominantly forested watershed, 0.31 ton/acre from an agricultural watershed, and 0.59 ton/acre from an urban watershed. In both studies, sediment yield was estimated from in-stream suspended sediment concentrations, so the annual areal sediment yields reflect not only sediment from the land surface but also in-stream sediment transport and sediment from bank erosion/collapse. Crawford and Lenat (1989) performed extensive biological sampling in the three watersheds they studied and calculated metrics for taxa richness, abundance, and pollution tolerance for invertebrates and fish. In summarizing their biological data, they rated the forested watershed as having high measures of biotic characteristics, the agricultural watershed as having medium to high measures, and the urban watershed as having low measures. Under North Carolina water quality regulations, streams and lakes must be able to support aquatic life. A rating of Fair or Poor for Benthic Invertebrate Bioclassification or Fish Community Structure prevents a water body from being rated as “fully supporting” under Section 305(b) of the Clean Water Act. Based on the two studies investigated by Tetra Tech, Inc., an approximate in-stream sediment load goal of 0.30 ton/acre/year is recommended as a goal.

Currently, in-stream data allowing assessment of the sediment load goal of 0.30 tons/acre/year is not available in the McDowell Creek Watershed. In order to determine progress toward the goal, it is proposed that three (3) long term sediment monitoring stations be installed in the McDowell Creek Watershed. These sites should coincide with long term monitoring sites established for assessing channel properties (permanent cross sections, etc.). Additionally, these sites should also be monitored for macroinvertebrates and fish. Data collected at these sites will allow the development of a yearly sediment versus flow curve. Each year will be compared against previous years to determine if the sediment carrying characteristics of McDowell Creek (and hence the sediment loads) are improving. Also, the data collected will be used to estimate progress toward attaining the overall goal of 0.30 tons/acre/year. Table 10 presents the in-stream water quality goals.

Table 10: In-Stream Water Quality Goals.

In-Stream Water Quality Goals
1. TSS $\leq$ 0.3 tons/ac/year
2. Benthic Macroinvertebrates = Fully Supporting
3. Fish = Fully Supporting

Monitoring to determine compliance with these goals is presented in Appendix A.

3.3 Channel

3.3.1 Stream Channel Indicators

Channel stability reflects the ability of the stream, over time, to transport the flows and sediment from its watershed in such a manner that the dimension, pattern and profile of the stream are maintained. Monitoring bank pins and permanent cross-sections can help quantify stability by evaluating whether the stream is aggrading or degrading and whether changes are occurring in stream bed materials, bank erosion and morphological evolution.

Stream channel stability is assessed by monitoring three categories of indicators:

1. Vertical Stability (aggradation/degradation)
   The surveying of permanent cross-sections helps determine whether the stream is downcutting, filling or stable. The rate, magnitude and direction of vertical change can be determined from subsequent monitoring. Specifically, monumented cross-sections provide an elevation reference to depict changes. Bank Height Ratio and Entrenchment Ratio are used to express vertical stability (Rosgen, 1996).

2. Lateral Stability
   To determine the rate and magnitude of bank erosion, bank pins were installed at representative monitoring reaches. Bank pins are surveyed following runoff events to obtain measured stream bank erosion rates. Measured streambank erosion rates can be expressed in feet/year, cubic yards/year, and tons per acre for a given flow or for a runoff season. BEHI will be performed when bank pins are measured to assess lateral stability.

3. Channel Material
   Composition of the stream bed material is a good indicator of changes in stream character, channel form, hydraulics, erosion rates and sediment supply. Pavement and subpavement bulk samples give a quantitative description of the bed material. Samples were collected using methods described by Jessup (2002). Bulk samples and/or a Wolman pebble count (Wolman, 1954) will be performed during subsequent monitoring events.

3.3.2 Stream Channel Goals

Induced change in channel stability can be determined by implementing a quantitative, comparative analysis approach that compares measurements *before* versus *afte*r management activity. Therefore, it is necessary to set quantitative goals so as to determine the success of restoration and enhancement efforts. There are several channel characteristics measured at cross-sections that will be used to determine the impact of upstream enhancement as described below. These measurements are designed to help identify and evaluate existing conditions and to predict the response of the stream to imposed change. The relative stability of the bed, banks, and materials of the stream provide valuable interpretations and assessments.

1. Entrenchment Ratio is used to describe the vertical stability and degree of incision of a stream channel (i.e., width of the flood prone area at an elevation twice the

maximum bankfull depth/bankfull width). Entrenchment describes the relationship of the stream to its valley and landform features. Large entrenchment ratios indicate the presence of a well-developed floodplain (i.e., >2.2). Lower entrenchment ratios indicate channel incision (i.e., <2.2). Goal - *Ratio of 2.2 or greater*

2. Width/Depth Ratio indicates the shape of the channel cross-section (ratio of bankfull width/mean bankfull depth). The width/depth ratio is key to understanding the distribution of available energy within a channel, and the ability of various discharges occurring within the channel to move sediment. Measurement of the width/depth ratio is also valuable for describing channel cross-section shape. A comparison of ratio values can be used to interpret shifts in channel vertical and lateral stability following disturbances. A stream with a ratio less than 1.0 is actively incising. A continual increase in the ratio is indicative of a stream widening. A stream in equilibrium will exhibit a stable ratio greater than 1.0. *Goal – Ratio that exhibits very little change over time and is 1.0 or greater*

3. Bank Height Ratio is a measurement of vertical stability. The ratio is the height of the lowest bank divided by the maximum bankfull depth. This parameter identifies changes in streambed elevation caused by aggradation or degradation. Stream reaches of 1.1 and less are considered to be a stable system. *Goal - Ratio of 1.1 or less*

4. Dominant Channel Materials – a selected particle size index value representing the most prevalent of one of six channel material types or size catergories, as determined from a channel material size distribution analysis. While channel bed and bank materials influence the cross-sectional shape, they also determine the extent sediment transport and provide the means of resistance to hydraulic stress. Additionally, an assessment of the nature and distribution of channel materials is critical for interpreting the biological function and stability of streams. *Goal- A coarsening of substrate over time would be an indication of a reduction in sedimentation (i.e., an increase in the D50 particle size*).

5. Bank Erosion Rate is determined by re-surveying the stream bank profile following a runoff event. Measured stream bank erosion rates are a measurement of lateral stability and can be expressed in feet/year, cubic yards/year, and total tons/stream reach for a given flow or for a runoff season. In McDowell Creek Watershed, erosion rates exceeding 1.6 cubic feet/linear foot are very unstable. Rates of 1.26 to 1.59 are generally unstable, where as from 0.76 to 1.25 is stable and less that 0.76 is very stable. *Goal - Erosion Rate of 1.26 cubic feet/linear foot or less*

SECTION 4. WATERSHED ASSESSMENT

4.1 Upland Characterization

In order to prioritize areas of the McDowell Creek Watershed, an upland characterization methodology was developed based upon work completed by Tetra Tech, Inc. (2004) for the post-construction ordinance stakeholder group. The resulting prioritization will be used to guide property acquisition for installation of water quality BMPs and to focus efforts on voluntary retrofitting of existing upland sources of pollution.

The upland characterization was completed through an evaluation of existing levels of pollutant loading, impervious cover and buffer impacts. Specifically, the indicators used were Total Phosphorus (TP), Total Nitrogen (TN), Total Suspended Sediment (TSS), impervious percentage of the catchment and percent of the stream buffer currently un-forested. The information presented in this Section of the Watershed Management Plan deals only with existing sources of pollution in the McDowell Creek Watershed. For the purpose of this document, it was assumed that future sources of pollution will be attenuated through implementation of the Huntersville LID Ordinance, which is presented in Section 2.3.3.

4.1.1 Methodology

The basis for the upland characterization presented herein is an existing land-use dataset developed by Tetra Tech Inc. (2004). The land-use data set was developed through interpretation of a combination of parcel information, aerial photographs, and tree canopy data. The process is more thoroughly described in Tetra Tech Inc. (2004). The land-use data set provides a distribution and classification of all land-uses in the McDowell Creek Watershed. The land-use categories represented in the McDowell Creek watershed are presented in Table 11.

Table 11: McDowell Creek Land Use Categories.

Land Use Class	Typical Lot Size	Percent Impervious	Abbreviation
Agriculture	NA	0	AG
Heavy Commercial	Variable	85	COMM-H
Light Commercial	Variable	45	COMM-L
Forest	NA	0	FRST
Golf Course	NA	8	GC
High Density Residential	0.125 – 0.25 ac	41	HDR
High Density Multifamily Residential	Variable	70	HMFR
High Density Mixed Urban	Variable	70	HMX
Heavy Industrial	Variable	66	IND
Institutional	Variable	40	INS
Interstate Corridor	NA	36	INTERSTATE
Low Density Residential	2 – 5 ac	9	LDR
Medium Density Residential	0.25 – 0.5 ac	30	MDR
Meadow	NA	0	MEADOW

Land Use Class	Typical Lot Size	Percent Impervious	Abbreviation
Multi Family Residential	<0.125	60	MFR
Medium Low Density Residential	0.5 – 2 ac	19	MLDR
Mixed Urban	Variable	60	MX
Office/Industrial	Variable	72	OI-H
Light Office/Light Industrial	Variable	30	OI-L
Park	NA	9	PARK
Rural Residential	>5 ac	4	RR
Ultra High Density Mixed Urban	Variable	90	UHMX

The distribution of the land-uses for the McDowell Creek watershed is shown in Figure 17.

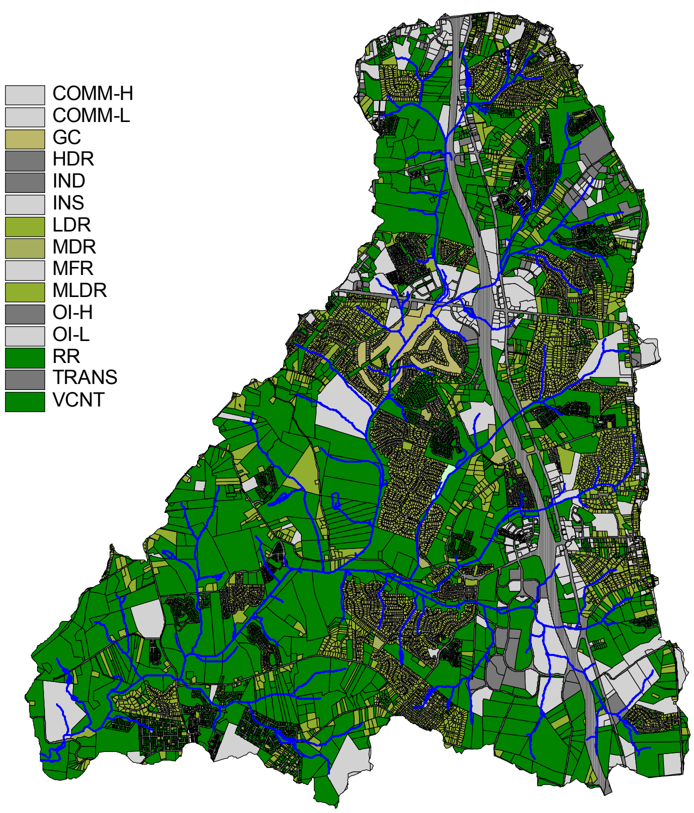


Figure 17: Distribution of Land Uses in the McDowell Creek Watershed.

The land-use data for the McDowell Creek Watershed was sub-divided into catchments using GIS software. The catchments were delineated using the Watershed Information System (WISe) with an approximate drainage area of 100 acres per catchment. Catchments with very small drainage areas (<1 acre) were merged into nearby catchments to reduce the number of reporting units. A total of 131 catchments were delineated for the McDowell Creek Watershed. Figure 18 shows the distribution of the catchments in the McDowell Creek Watershed.

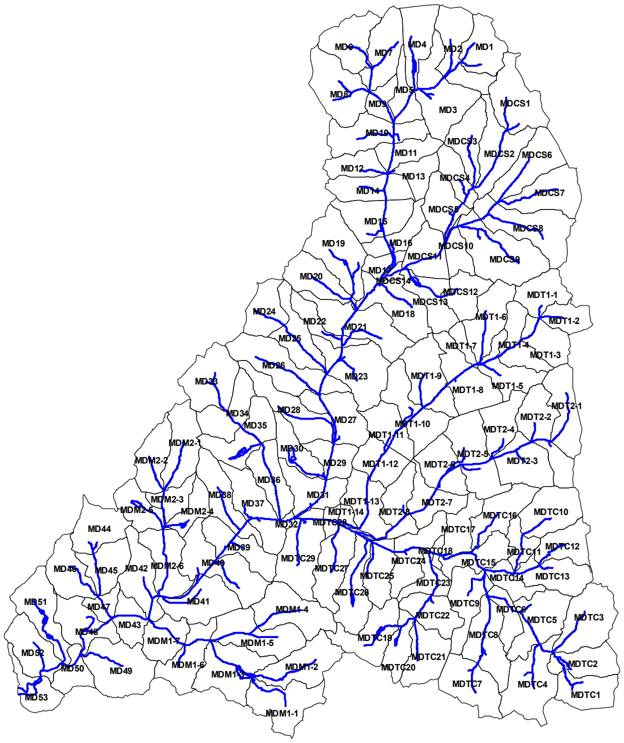


Figure 18: McDowell Creek Watershed Catchments.

The upland pollutant loading rates by land-use were adopted from Tetra Tech Inc. (2004) and are listed in Table 12. Catchment loading rates were determined by multiplying the area of each land-use in the catchment by the appropriate loading rate and summing the total for all land-uses within the catchment.

Table 12: Upland Pollutant Loading Rates by Land-Use.

LAND-USE	TN (lbs/ac/year)	TP (lbs/ac/year)	TSS (tons/ac/year)
AG	5.06	0.32	0.33
COMM-H	19.44	2.85	0.76
COMM-L	12.44	1.88	0.69
FRST	2.5	0.4	0.15
GC	5.17	0.83	0.47
HDR	8.73	1.4	0.47
HMFR	11.67	1.83	0.34
HMX	16.82	2.49	0.71
IND	16.12	2.39	0.71
INS	8.63	1.39	0.48
INTERSTATE	7.81	1.25	0.4
LDR	4.1	0.66	0.28
MDR	7.61	1.24	0.52
MEADOW	2.39	0.38	0.13
MFR	10.65	1.68	0.39

LAND-USE	TN (lbs/ac/year)	TP (lbs/ac/year)	TSS (tons/ac/year)
MHP	9.03	1.45	0.46
MLDR	6.5	1.07	0.57
MX	15.07	2.24	0.71
OI-H	11.87	1.86	0.34
OI-L	7.61	1.24	0.52
PARK	4.18	0.68	0.3
RR	3.59	0.59	0.3
UHMX	20.31	2.97	0.73

Note: See Table 11 for abbreviation descriptions.

The percent of impacted buffer in the McDowell Creek Watershed was also characterized. The characterization was completed using tree canopy data for Mecklenburg County intersected with the FEMA floodplain delineation and the S.W.I.M. and Watershed buffer coverages. The resulting GIS dataset, which depicts the presence or absence of tree canopy within stream buffers, was intersected with the catchment coverage to determine the percent of un-forested buffer within each catchment. Figure 19 shows the distribution of forested and un-forested buffer within the McDowell Creek Watershed.

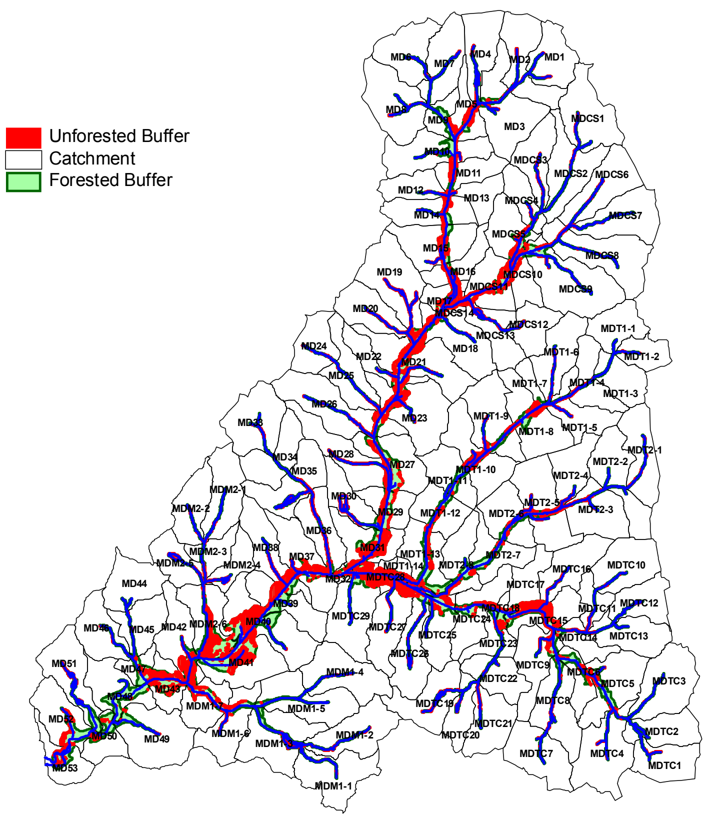


Figure 19: Distribution of Forested and Un-forested Stream Buffers Within the McDowell Creek Watershed.

Levels of impervious area, which are indicative of level of development, for the McDowell Creek Watershed were characterized by catchment. Impervious percentages by catchment were determined by multiplying the area of each land-use within the catchment by the appropriate impervious percentage (Table 11) and summing the resulting impervious areas for the entire catchment.

4.1.2 Results

Results for each of the catchments for each indicator evaluated were ranked to determine the catchments with the highest level of impairment. For brevity, only the 20 most impaired catchments for each indicator are listed in Table 13, which is presented below.

Table 13: Results of Upland Impairment Characterization. Note: Higher rank indicates increasing level of impairment.

Basin ID	TN	TP	TSS	Overall
MDCS10	131	131	131	131
MDT1-3	128	128	130	130
MDCS13	129	129	129	129
MDCS11	130	130	127	128
MD17	127	127	117	127
MDT1-2	122	121	126	126
MDTC16	126	126	115	125
MD5	125	125	111	124
MDTC14	123	122	109	123
MDCS14	116	116	121	122
MDTC5	117	117	114	121
MDCS12	119	119	106	120
MD2	112	114	120	119
MD1	110	110	123	118
MDTC10	108	107	124	117
MD19	124	124	91	116
MD20	107	108	125	115
MD4	114	113	110	114
MD7	121	120	94	113
MDTC6	120	123	90	112

Figures 20 – 25 present the overall ranking based upon the results of the upland characterization for TN, TP, TSS, Imperviousness, Level of Buffer Impact and Overall Pollutant Load respectively. Note that darker colors indicate increased levels of impairment.

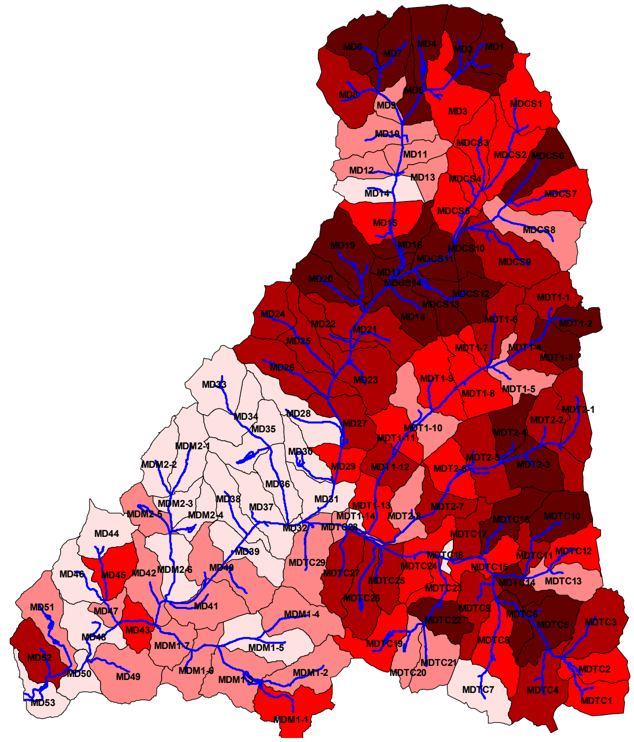


Figure 20: TN Ranking.

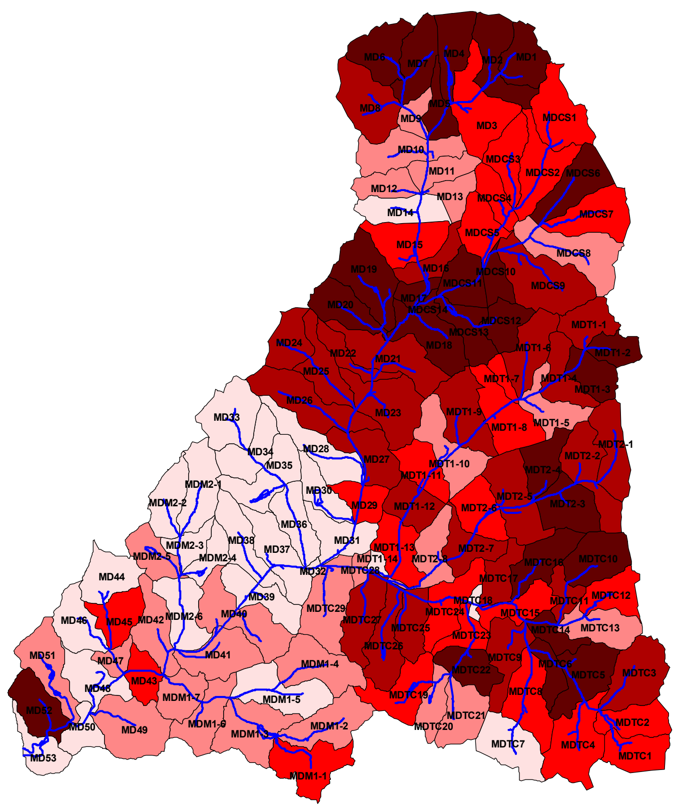


Figure 21: TP Ranking.

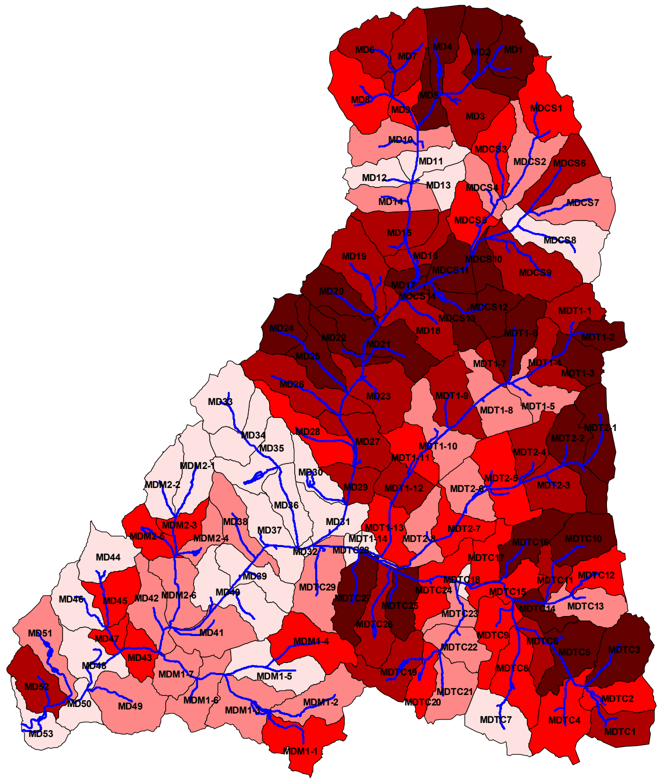


Figure 22: TSS Ranking.

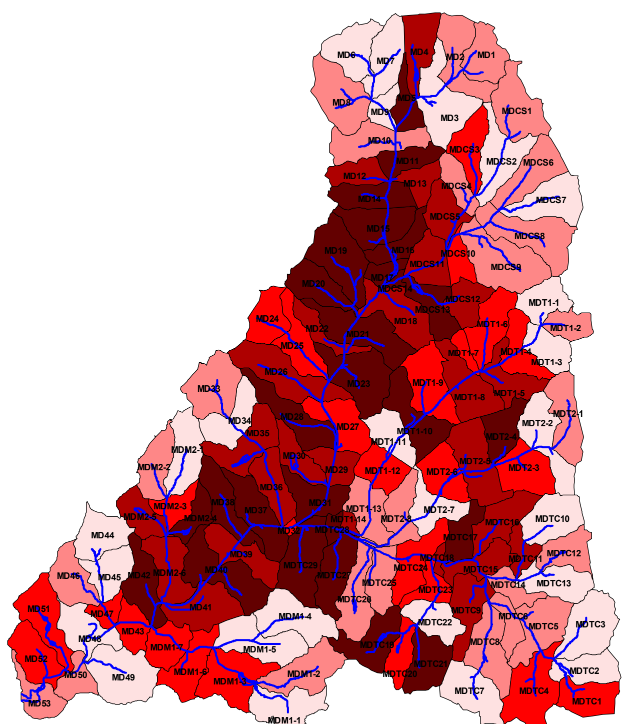


Figure 23: Degree of Impacted Stream Buffer.

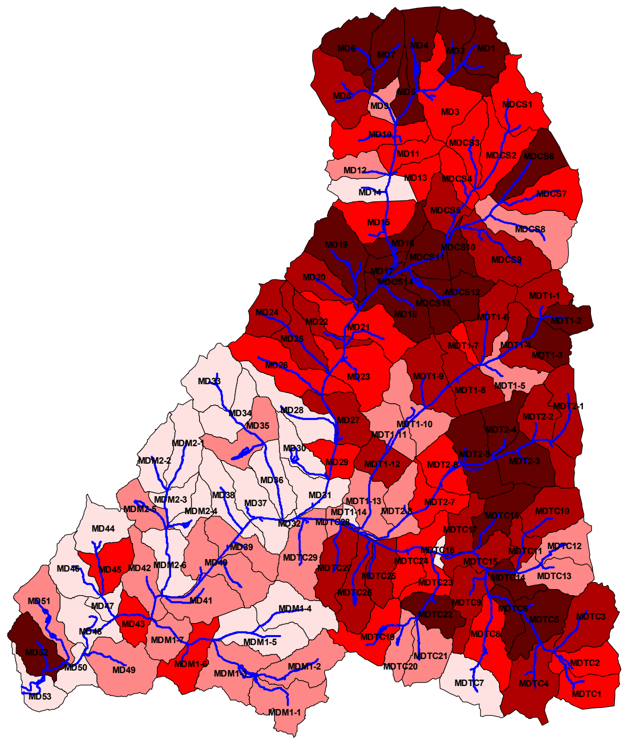


Figure 24: Degree of Catchment Imperviousness.

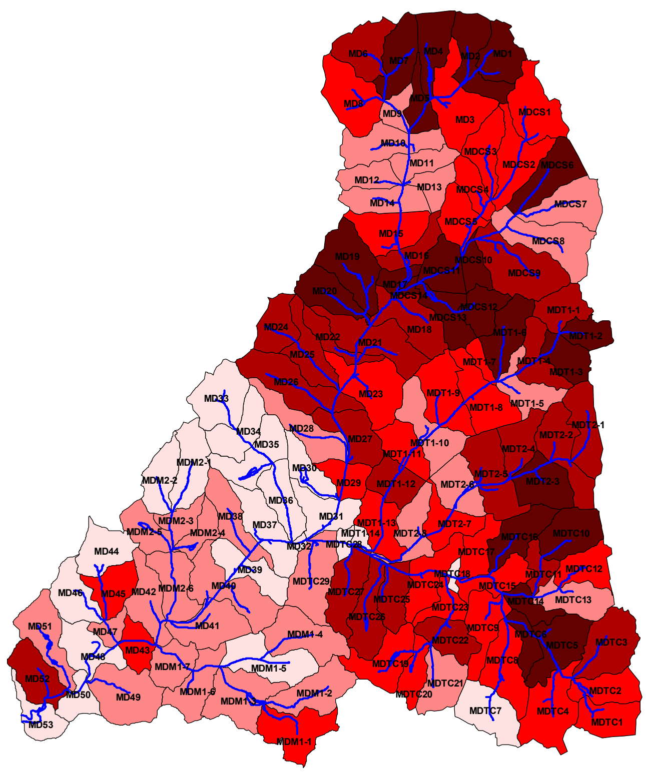


Figure 25: Overall Impairment (based upon upland pollutant load).

4.2 Stream Channel Characterization

In order to prioritize areas of the McDowell Creek Watershed for stream channel restoration, enhancement and preservation, a characterization methodology was developed by Buck Engineering, PA (Buck). The characterization was completed through an evaluation of existing stream channel conditions that allowed reach-level prioritization based on biological integrity and geomorphic stability, as well as predicted bank erosion rates.

4.2.1 Methodology

Mecklenburg County provided base data in GIS format, including recent aerial photography, stream locations, roads and parcel boundaries. Using GIS, the McDowell Creek Watershed was divided into 21 basins and the stream channels were segmented into study reaches (Figure 26). For the purposes of this study, Buck defines a reach as a discrete segment of stream that consistently exhibits a set of physical features that appear to be significantly different from its contiguous upstream and downstream segments. Twelve basins were chosen for assessment that appeared to represent a range of stream conditions and land uses found throughout the watershed. Basins containing the five Retrofit BMP Focus Areas were included. Because only perennial streams were to be assessed, streams receiving 100 acres or greater of drainage were chosen, which resulted in 95 reaches approximating 30 miles of stream for direct assessment.

<u>Stream Classification</u>
Each reach was visually classified according to the Rosgen classification system (Rosgen, 1994). This heirarchial methodology categorizes streams based on geomorphic features that describe channel geometry in the three dimensions of planform, cross-section and longitudinal profile. Most of these parameters are expressed as dimensionless ratios such as width/depth. The use of dimensionless ratios allows categorization and comparison of streams of varying sizes.

<u>Bank Erosion</u>
Streambank erosion rates were determined by measuring the Bank Erosion Hazard Index (BEHI) and Near Bank Stress (NBS) (Rosgen, 2001) throughout each study reach. This semi-quantitative method is widely used in North Carolina and is based on measured values and visual estimates made at discrete sections of streambank. BEHI provides results in adjective ratings, ranging from very low to extreme. BEHI is based on the following:

- bank height/bankfull height
- root depth/bank height
- root density (%)
- bank angle
- surface protection (%)
- bank materials and stratification

NBS provides a measurement of the distribution of flow through a cross section. The near bank region is that third of stream cross section nearest a bank being studied. Rosgen (1996) correlated the ratio of shear stress in the near bank region to mean shear stress and developed an adjective rating system for reporting. Reasonably accurate estimates of NBS can be made quickly using professional judgment.

Erosion rates have been associated with the adjective ratings for bank erodibility and near-bank stress based on data collected from Colorado. Data collected at the Mitchell River in North Carolina supports the use of the Colorado data (Rosgen, 2001). The erosion rate was then multiplied by the height and length of the streambank. Rates are expressed as cubic feet of sediment eroded annually per linear foot of streambank. Total tons per year were also calculated for each study reach.

<u>Channel Evolution</u>
Simon's Channel Evolution Model (1989) was used to assign one of the six stages listed below to each reach based on field observations.

- Stage I**:** The waterway is a stable, undisturbed natural channel.
- Stage II: The channel is disturbed by some drastic change such as forest clearing, urbanization, dam construction, or channel dredging.
- Stage III: Instability sets in with scouring of the bed.
- Stage IV: Destructive bank erosion and channel widening occur by collapse of bank sections.
- Stage V**:** The banks continue to cave into the stream, widening the channel. The stream also begins to aggrade, or fill in, with sediment from eroding channel sections upstream.
- Stage VI: Aggradation continues to fill the channel, re-equilibrium occurs, and bank erosion ceases. Riparian vegetation once again becomes established.

<u>Channel Evaluation</u>
Buck Channel Evaluation Forms were completed by field staff characterizing biological integrity, geomorphic stability, channel evolution, feasibility, and enhancement recommendations. Scores from 0 to 4 were assigned to the following five indicators with 0 being poor and 4 being excellent:

- habitat
- existing riparian vegetation
- human impacts
- erosion
- incision

An accumulative score was derived from the five indicators and thus provides a Total Channel Evaluation Score per study reach from 0 to 20. Constraints on construction activities were determined initially by field observations and recorded on the form. Feasibility was further addressed through subsequent GIS analyses.

Permanent Cross-Sections

Five permanent cross-sections were installed in the McDowell Creek watershed from which to document changes in vertical and lateral channel dimension over time (Figure 26). Changes in channel dimension made apparent from subsequent surveys can be evaluated to determine a movement toward a more unstable condition (e.g., downcutting or erosion) or a movement toward increased stability (e.g., settling, vegetative changes, deposition along the banks, or decrease in width/depth ratio). Cross-section locations consisted of stream reaches within sub-watersheds having a variety of scenarios based on land use, drainage area, and build-out capacity in order to characterize the existing geomorphic conditions of the entire watershed representatively. Table 1 summarizes the scenario associated with each sub-watershed containing a permanent cross-section.

Table 14. Scenarios of Sub-watersheds Containing Cross-sections

Sub-watershed	Scenario
F	Active/Recent Development
I	Nearing Built-out Capacity
M	Rural Land Use
N	Largest Drainage Area
P	Mixed Land Use & Intermediate Drainage Area

Each cross-section was established at a riffle cross-section and was classified using the Rosgen Stream Classification System. Each cross-section was marked on both banks with permanent rebar pins set in concrete to establish the exact transect used. The rebar pins were used as common benchmarks from which to originate the survey at each cross-section to facilitate easy comparison of year-to-year data. The cross-section survey includes points measured at all breaks in slope, including top of bank, bankfull, inner berm, edge of water, and thalweg, if the features are present.

Bank Pins

Bank pins were installed at five stream reaches within the McDowell Creek watershed having the highest erosion rates as determined from BEHI field assessments (Figure 26). These pins are three foot sections of rebar driven into the bed and bank from which changes in bank dimension can be documented. They accurately measure streambank erosion or lateral accretion rates and can be used to verify the lateral stability prediction made using BEHI. Data collected from the bank pins, in addition to accurately measuring actual erosion rates, can help determine the usefulness of the Colorado data (used for BEHI) as a prediction tool in North Carolina.

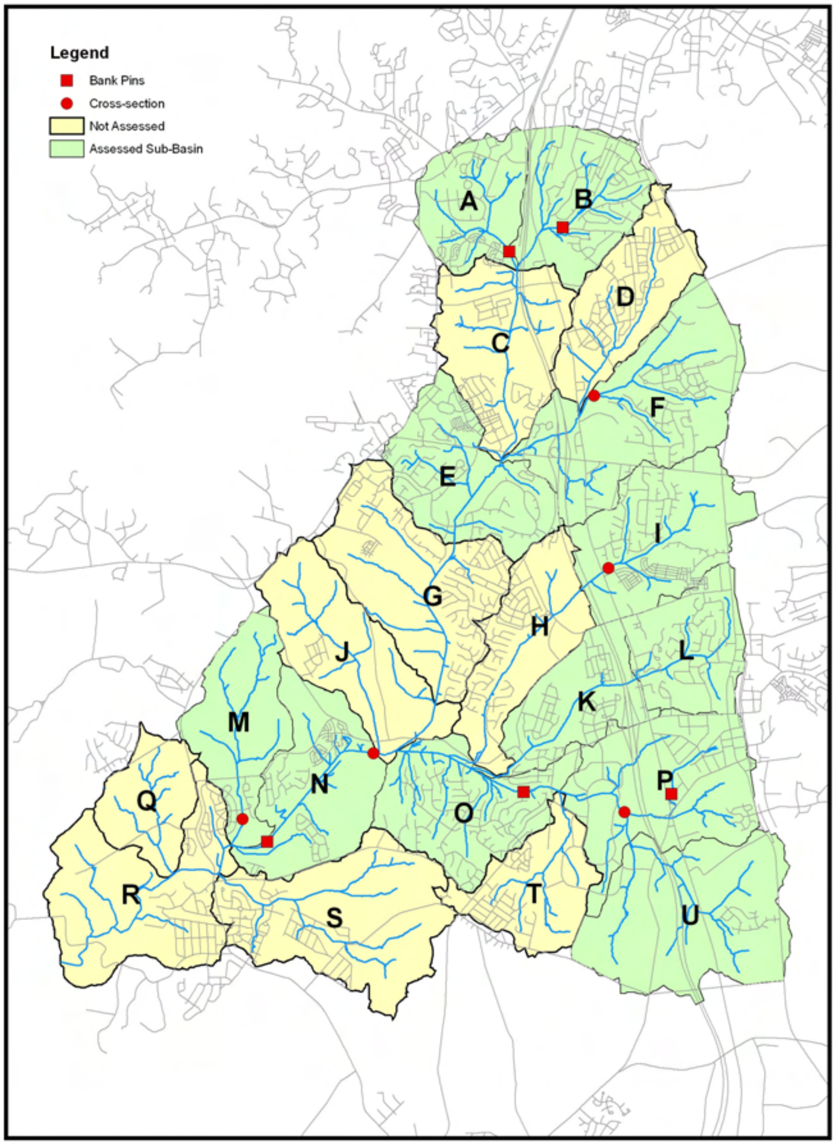


Figure 26: McDowell Creek Stream Characterization Sub-basins.

<u>Channel Materials</u>

Pavement and sub-pavement samples were collected at each of the six permanent riffle cross sections. Samples were collected using methods described by Jessup (2002). The pavement/subpavement samples were returned to the Buck Engineering soils lab, sieved, and a grain size distribution developed. Using these samples, the critical depth for particle sediment transport for the study reaches was calculated and combined with the longitudinal profiles to perform an aggradation/degradation analysis on the study reaches.

4.2.2 Results

A total of 95 study reaches were delineated and assessed. Reach lengths varied from several hundred feet to over 7000 feet. The number of reaches per basin ranged from three to seventeen. Once in the field the predetermined reach lengths (based on drainage) were sometimes broken into smaller reaches or combined into larger reaches based on field observations. For example, if the land use adjacent to the stream channel changed significantly (e.g., forest to industrial) a new reach would begin. Due to the large number of study reaches, data was also compiled and presented per basin (Table 15) to aid in management efforts.

Table 15: Results of Stream Channel Characterization by Basin.

Basin	Total Reaches Per Basin	Average Erosion Rate (ft3/ft)	Average Channel Evaluation Score	Total Tons of Sediment
A	10	0.89	11.48	594.35
B	14	1.95	9.45	1280.4
E	3	0.67	9.77	364.87
F	8	0.79	10.57	863.88
I	7	1.81	9.37	870.3
K	4	1.30	9.43	496.3
L	4	1.12	8.76	483.86
M	9	2.35	10.02	1282
N	6	0.88	10.60	1059.1
O	5	0.73	11.11	591.95
P	8	1.13	9.85	1320.08
U	17	1.48	11.93	1528.7

A single erosion rate was calculated for each of the 95 reaches based on BEHI/NBS. The erosion rate per basin is an average erosion rate of the total reaches per basin. In McDowell Creek Watershed, erosion rates exceeding 1.6 cubic feet/linear foot are very unstable. Rates of 1.26 to 1.59 are generally unstable, where as from 0.76 to 1.25 is stable and less that 0.76 is very stable. The total Buck Channel Evaluation score for all of the reaches for a given basin were divided by its total reach number to obtain the Average Channel Evaluation Score. The Average Erosion Rate and Average Channel Evaluation Score are useful for prioritizing the worst basin-wide degradation (Figures 27 & 28; Tables 16 & 17).

Table 16: Ranking Based on Average Erosion Rate Per Reach by Basin.

Basin	Average Erosion Per Reach (ft3/ft)	Total Erosion Rate (ft3/ft)	Total Reaches Per Basin
M	2.35	21.11	9
B	1.95	27.28	14
I	1.81	12.65	7
U	1.48	25.21	17
K	1.30	5.21	4
P	1.13	9.07	8
L	1.12	4.47	4
A	0.89	8.85	10
N	0.88	5.26	6
F	0.79	6.31	8
O	0.73	3.65	5
E	0.67	2.02	3

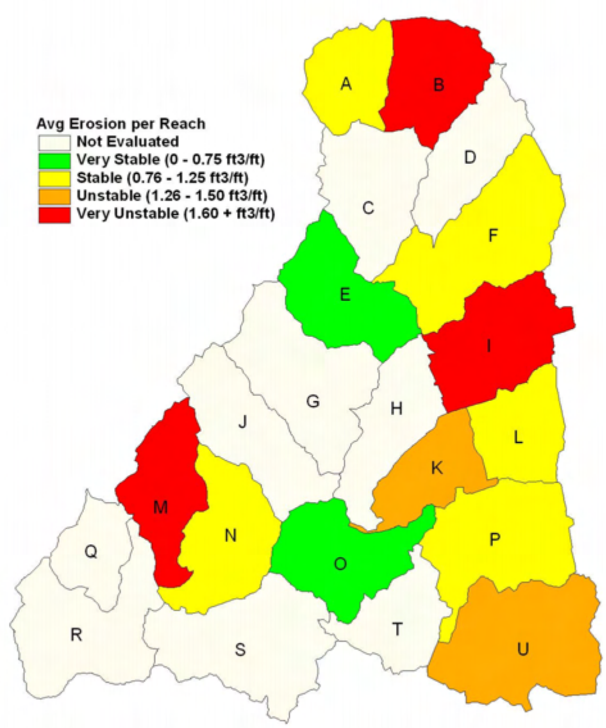


Figure 27: Basin Ranking based on Predicted Erosion Rates

Table 17: Ranking Based on Average Channel Evaluation Per Reach by Basin.

Basin	Average Channel Evaluation Score	Total Channel Evaluation Score	Total Reaches Per Basin
L	8.76	35.03	4
I	9.37	65.57	7
K	9.43	37.7	4
B	9.45	132.27	14
E	9.77	29.3	3
P	9.85	78.8	8
M	10.02	90.16	9
F	10.57	84.57	8
N	10.60	63.57	6
O	11.11	55.57	5
A	11.48	114.83	10
U	11.93	202.85	17

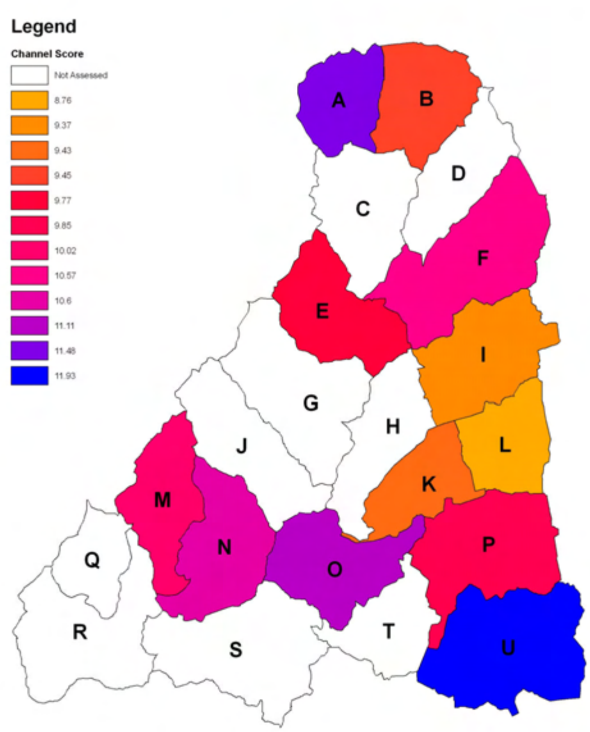


Figure 28. Basin Ranking based on Channel Evaluation Scores

The six cross sections were surveyed at stable stream locations. This is confirmed by their Rosgen Stream type of E. There is however evidence of departure from stability according to collected data. Sub-basin P cross section (P-XS), Sub-Basin N cross section (N-XS), Sub-Basin F cross section, and Sub-Basin I cross sections have bank height ratios greater than 1.1. This parameter identifies vertical instability in their streambed elevations most likely caused by aggradation. Stream reaches of 1.1 and less are considered to be a stable system. According to cross-sectional data, none of the six cross sections exhibit entrenchment or lateral instability. Bed material data collected at the six cross sections demonstrate that the dominant channel material is sand. Tables 18 and 19 describe the observed stream types, channel stability parameters, and channel materials for all six permanent cross sections. Full documentation of the results can be found in the Appendices.

Table 18. Summary of Cross-section Data

Geomorphic Parameters	F-XS	I-XS	M-XS	N-XS	P-XS	Gage-XS
Rosgen Stream Type	E	E	E	E/Gc	E	E
Bankfull Width (ft)	12.69	19.32	12.92	35.45	18.49	40.01
Bankfull Mean Depth (ft)	2.54	1.89	1.43	4.76	2.07	5
Width/Depth Ratio	4.99	10.2	9.05	7.45	8.94	8
Bankfull Area (sq ft)	32.29	36.61	18.44	168.72	38.23	200.22
Bankfull Max Depth (ft)	3.37	3.34	1.95	5.72	2.81	6.49
Width of Floodprone Area (ft)	114.31	116.99	43.54	135.02	77.9	119.48
Entrenchment Ratio	9.01	6.05	3.37	3.81	4.21	2.99
Bank Height Ratio	1.49	1.41	1	1.59	1.95	1

Table 19. Summary of Bed Material Analyses

Size Distribution (mm)	F-XS	I-XS	M-XS	N-XS	P-XS	Gage-XS
D16	0.55	0.36	0.3	0.51	0.57	0.53
D35	0.73	0.6	0.45	0.72	0.95	0.65
D50	0.9	0.78	0.58	0.9	1.35	0.78
D84	1.75	1.75	0.97	1.7	2.2	1.5
D95	2.2	3	1.8	1.95	4.5	1.8

SECTION 5. CANDIDATE RESTORATION, RETROFIT AND PRESERVATION SITES

5.1 Upland BMP Retrofit Sites

The intent of this section is two fold:
1. Identify publicly owned parcels that are significant sources of pollution that would benefit from BMP retrofit.
2. Identify catchments for detailed field investigation to identify privately owned parcels that are significant sources of pollution and appropriate for BMP retrofit.

All retrofit BMPs installed in the McDowell Creek Watershed should be designed with the Upland Pollutant Loading Rate Goals (Table 9) as a design standard.

5.1.1 Priority Catchments

Based upon the upland pollutant load analysis, BMP retrofit efforts should be concentrated on or downstream of the most impacted catchments. The 20 most impacted catchments tended to concentrate in five (5) key focus areas of the McDowell Creek Watershed. Figure 29 shows the extent of the focus areas within the McDowell Creek Watershed. The following Section discusses each BMP Focus Area in detail.

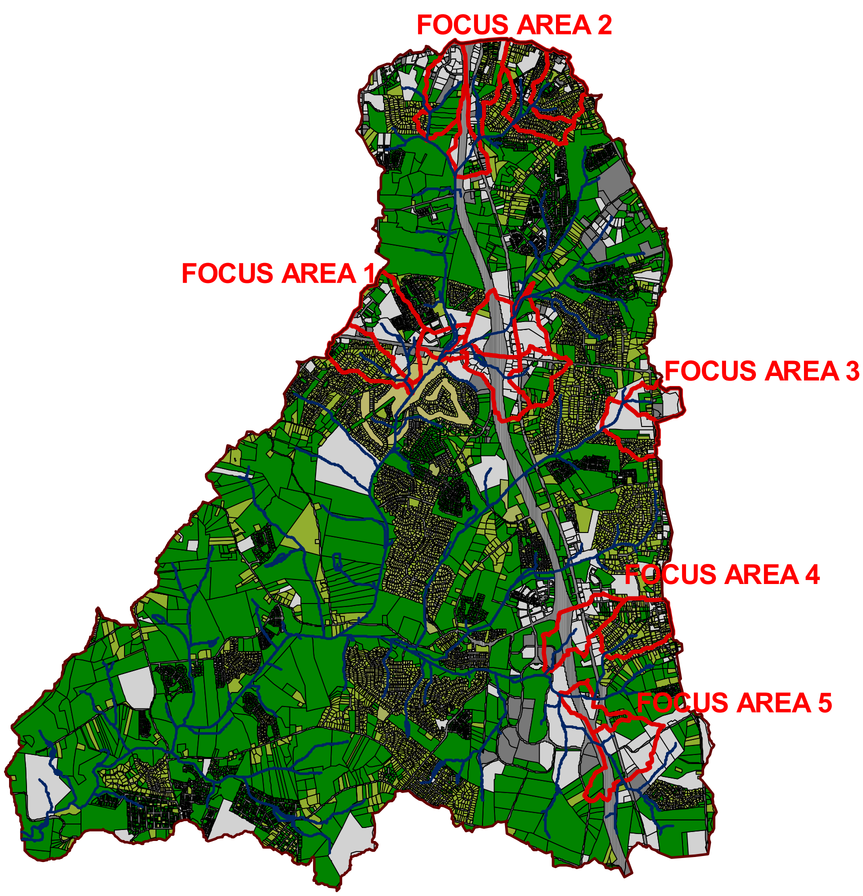


Figure 29: Retrofit BMP Focus Areas Within the McDowell Creek Watershed.

Focus Area 1 (Sam Furr Road)

Focus Area 1 has the highest pollutant loads in the entire McDowell Creek Watershed. Figure 30 shows the extent of Focus Area 1 (Note: BMP Retrofits have been funded for the areas outlined in yellow – see Section 2.3.4). The combination of high intensity commercial and residential development on Sam Furr Road at Exit 25 off of I-77 combines to cause the high pollutant loads. The Focus Area is comprised of catchments MD20, MD19, MD17, MDCS14, MDCS11, MDCS13, MDCS10 and MDCS12. There appears to be minimal opportunity for land acquisition in Focus Area 1. Moreover, there are no public properties within the area. There are several restoration and retrofit projects currently underway in Focus Area 1, including the Pizagalli Project, Eco-Park Project, Northcross Raingarden Retrofit and stream restoration (Sam Furr to Westmoreland Road). Retrofit efforts will need to focus on working cooperatively with existing land owners to install BMPs into the existing landscape in a similar way to the Northcross Raingarden Project (See Section 2.3.4).

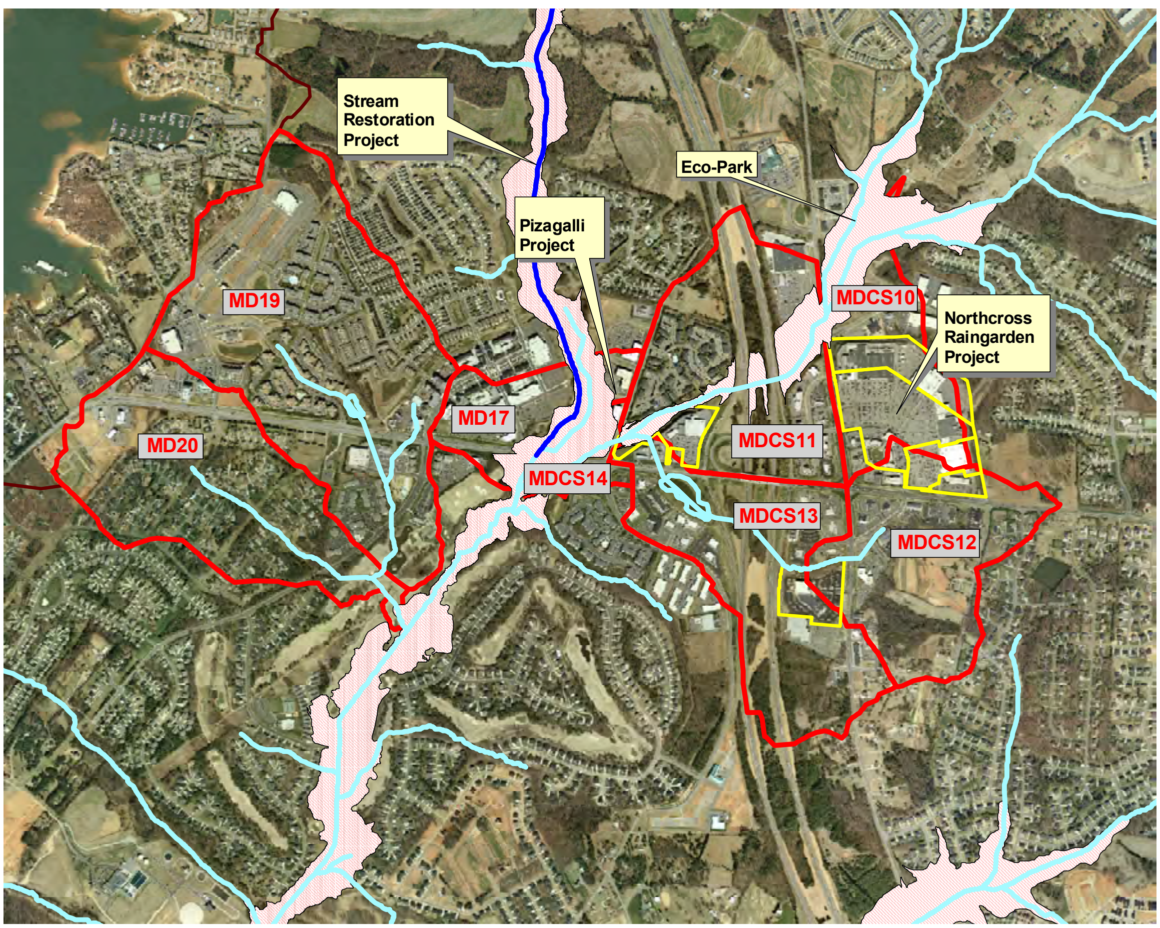


Figure 30: Focus Area 1 (Note: Northcross Raingarden Project Areas shown in yellow, wetland restoration shown in pink and stream restoration in light blue).

Focus Area 2 (Cornelius)

Figure 31 displays the extent of Focus Area 2 (Note: Publicly owned parcels are shown in green). Focus Area 2 is located entirely within the Town of Cornelius and comprises almost the entire headwater area of McDowell Creek. It is bisected by I-77 North and is just South of the West Catawba Avenue exit. Focus Area 2 is comprised of catchments MD7, MD4, MD5, MD2 and MD1. There is opportunity for land acquisition in this watershed, particularly within catchments MD2 and MD7, moreover there is deeded open space in catchment MD1. Additionally, several parcels are publicly owned and are discussed in the next section.

Figure 31: Focus Area 2 (Note: Publicly owned parcels shown in green).

Focus Area 3 (Old Statesville Road)

Figure 32 shows the extent of Focus Area 3. Focus Area 3 is comprised of catchments MDT1-2 and MDT1.3 and is dominated by the Huntersville Hardwoods facility and the Harvest Pointe subdivision. Focus Area 3 has large tracts of publicly owned property and it is likely the Upland Pollutant Loading Rates (Table 9) can be met through the retrofit of this public property.

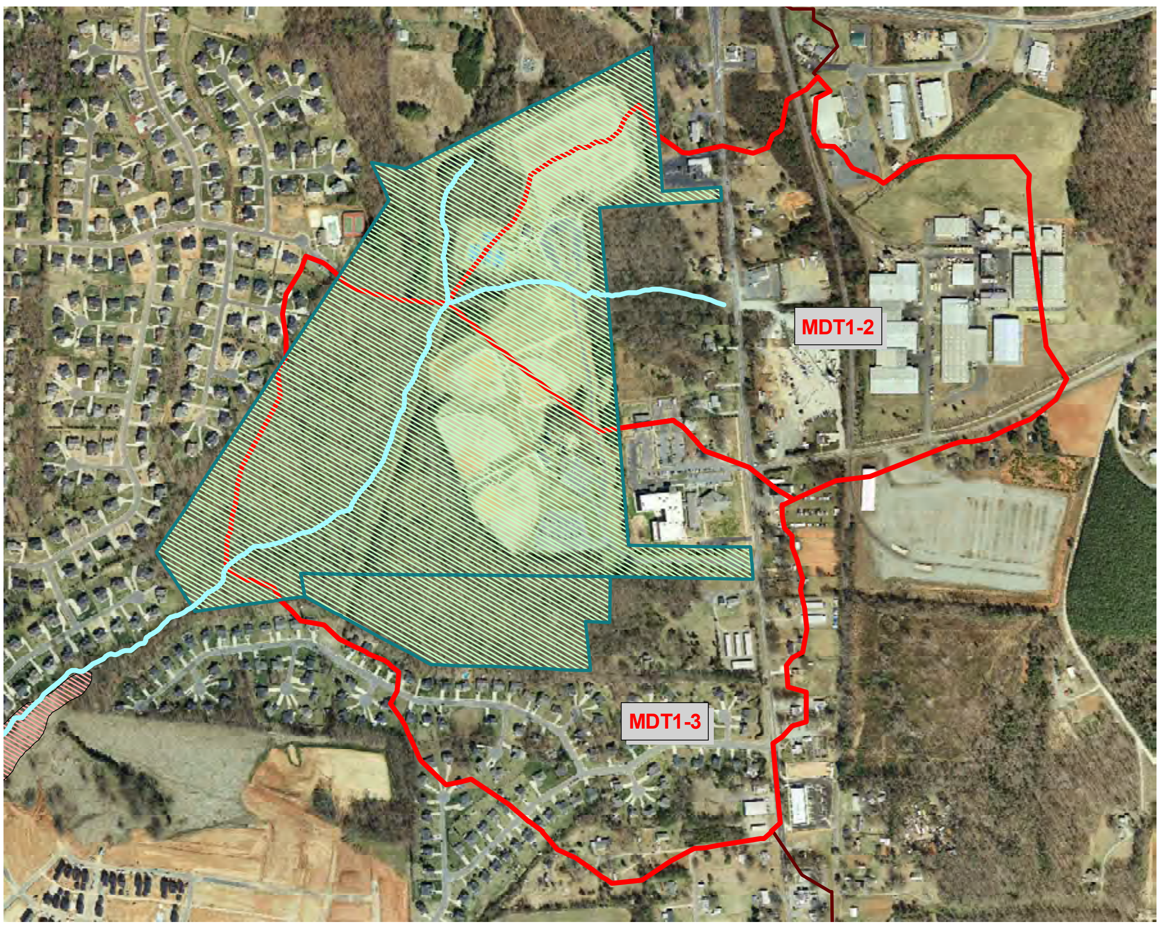


Figure 32: Focus Area 3 (Note: Publicly owned property shown in green).

Focus Area 4 (Gilead Road)

Figure 33 shows the distribution of Focus Area 4, which is located to the South of Gilead Road and is bisected by I-77. It is comprised of catchments MDTC16 and MDTC10 and it is dominated by old residential development build in the early 1960's. Focus Area 4 also contains newer warehouse, commercial and business park land uses. There may be opportunity for land acquisition downstream of MDTC10 in catchment MDTC11. Alternately, cooperative retrofit opportunities may exist in catchment MDTC16 among the commercial tenants and businesses. There is no publicly owned property in Focus Area 4.

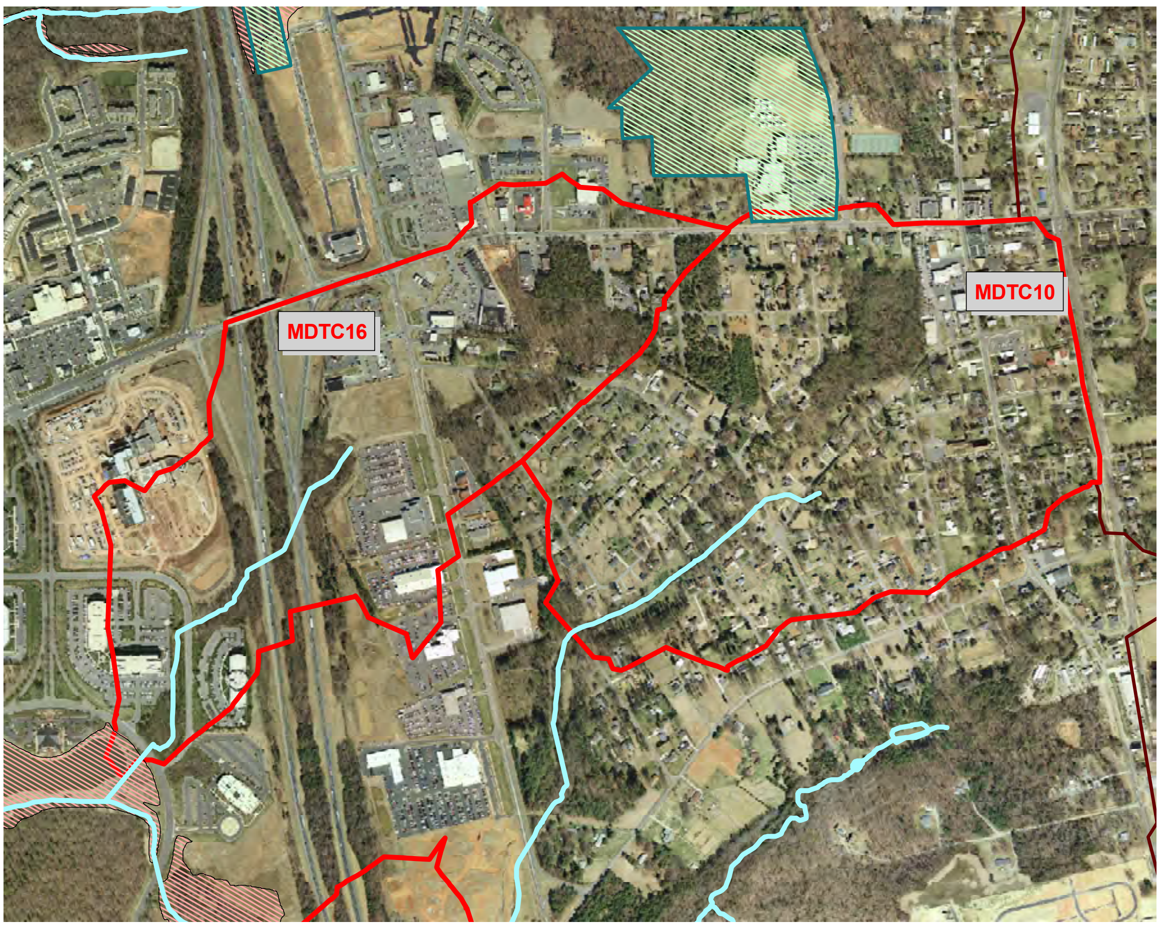


Figure 33: Focus Area 4.

Focus Area 5 (CPCC North)

Figure 34 depicts the distribution of Focus Area 5, which is comprised of catchments MDTC14 and MDTC5. Focus Area 5 has large sections of publicly owned land, including the CPCC North Campus which can be retrofitted with BMPs. I-77 is the dominant land-use in the Focus Area and is likely a significant contributor of the pollutant load.

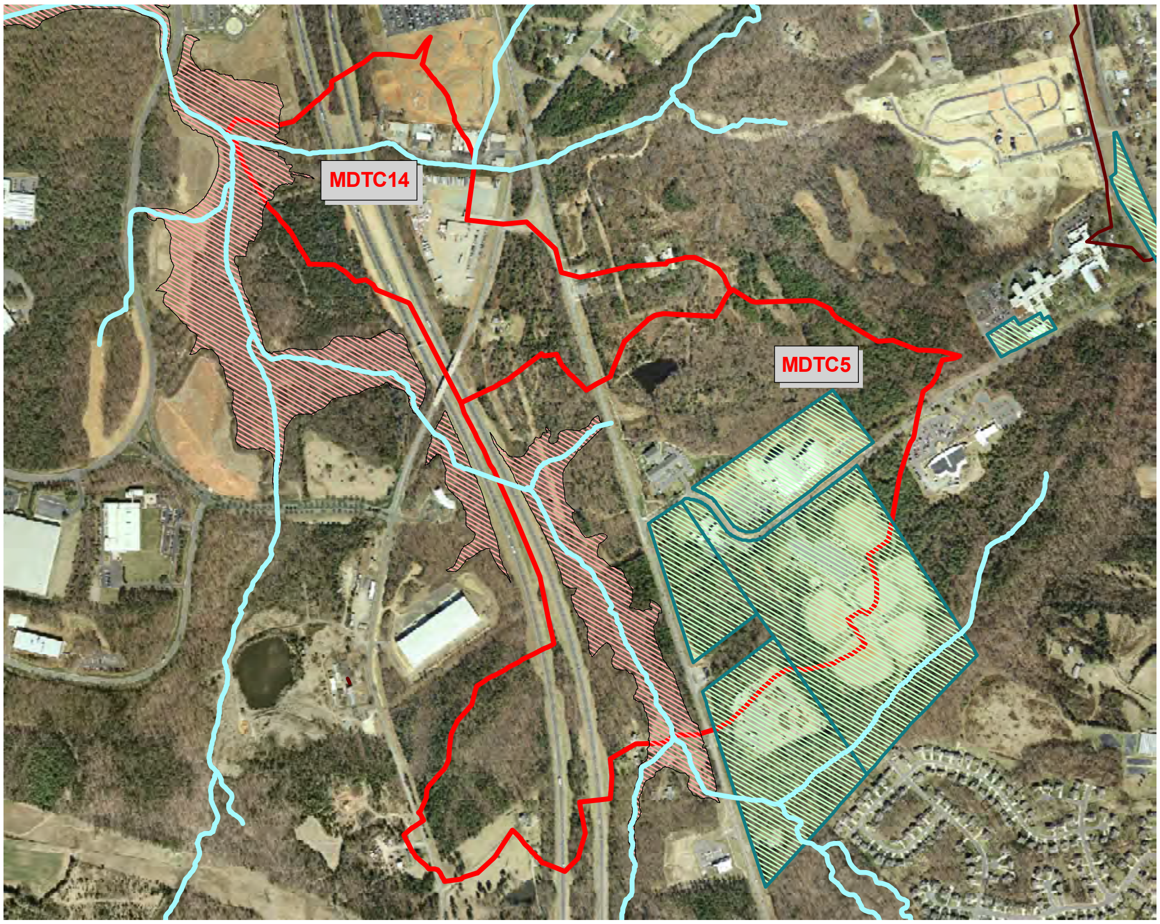


Figure 34: Focus Area 5 (Note: Publicly owned parcels shown in green).

5.1.2 Public Parcels

The intent of this Section is to identify publicly owned parcels for BMP retrofit. Specifically, publicly owned parcels that are significant sources of pollution and are located in one of the "Focus" areas have been assigned the highest priority.

There are currently 96 parcels in public ownership in the McDowell Creek Watershed. These parcels are located throughout the watershed, but are mainly focused in areas directly adjacent to McDowell or Torrence Creeks. Where beneficial to water quality, these properties should be further investigated to determine the final suitability for BMP installation using this report as a guide. Figure 35 shows the distribution of the parcels in public ownership in the McDowell Creek Watershed. The parcels were evaluated and prioritized using the following criteria:

1. Position either on or downstream of a catchment with a high or moderately high overall rank for upland pollutant loading.
2. Proximity to the stream. Parcels directly adjacent to the stream were ranked higher.
3. Parcels with adequate space for installation of reasonably sized BMPs were ranked higher. If there did not appear to be enough space for a BMP, the parcel was disqualified.
4. Parcels receiving runoff from more than two square miles were disqualified.
5. Parcels able to treat high concentrations of impervious area, regardless of size were ranked higher.

Of the 96 public parcels in the McDowell Creek Watershed, 41 meet the criteria listed above. The 41 Priority Parcels are presented in Table 20. Figures 36 – 41 are aerial photos of the High Priority Parcels.

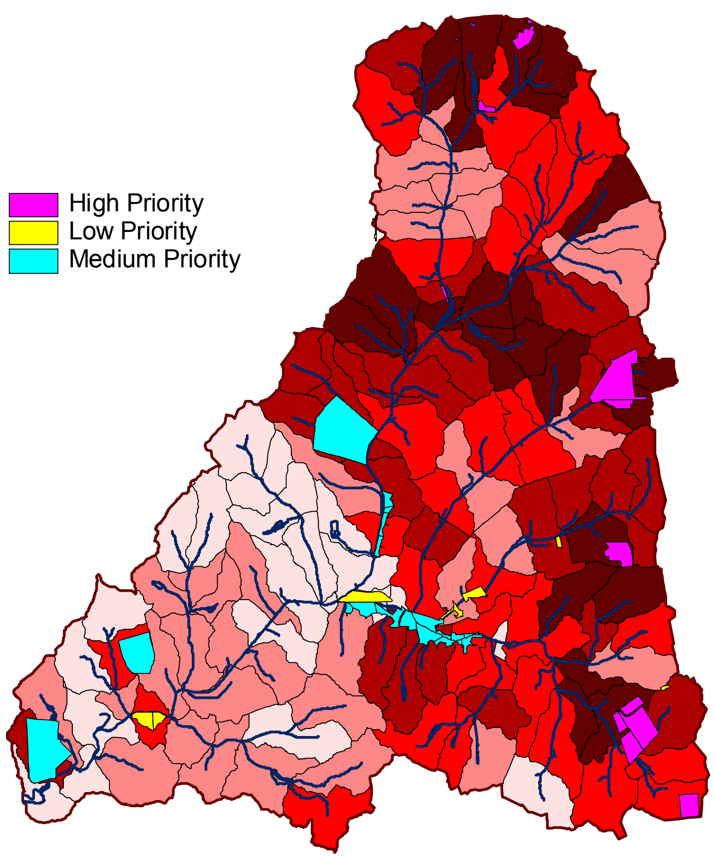


Figure 35: McDowell Public Parcels Meeting BMP Criteria and Overall Pollutant Rank.

Table 20: Public Parcels Meeting BMP Criteria and Priority.

Parcel	Owner Info.	Priority
00518302	MECKLENBURG COUNTY	High
00527206	MECKLENBURG COUNTY	High
00911119	MECKLENBURG COUNTY	High
00911130	MECKLENBURG COUNTY	High
01741116	MECKLENBURG COUNTY	High
01720401	MECKLENBURG COUNTY	High
01742110	MECKLENBURG COUNTY	High
00516678	MECKLENBURG COUNTY	High
01720403	MECKLENBURG COUNTY	High
00537162	MECKLENBURG COUNTY	High
00317401	MECKLENBURG COUNTY	High
01706207	CHARLOTTE MECKLENBURG	High
01712113	CHARLOTTE MECKLENBURG BOARD OF EDUCATION	High
00520129	CHARLOTTE MECKLENBURG BOARD OF EDUCATION	High
00918166	MECKLENBURG COUNTY	Medium
00918396	MECKLENBURG COUNTY	Medium
00918456	MECKLENBURG COUNTY	Medium
00918399	MECKLENBURG COUNTY	Medium
01535245	MECKLENBURG COUNTY	Medium
01537148	MECKLENBURG COUNTY	Medium
01538197	MECKLENBURG COUNTY	Medium
01530299	MECKLENBURG COUNTY	Medium
01532132	MECKLENBURG COUNTY	Medium
01529301	MECKLENBURG COUNTY	Medium
01510499	MECKLENBURG COUNTY	Medium
01510498	MECKLENBURG COUNTY	Medium
01510484	MECKLENBURG COUNTY	Medium
01535199	MECKLENBURG COUNTY	Medium
01308105	CHARLOTTE-MECKLENBURG BOARD OF EDUCATION	Medium
00935101	CITY OF CHARLOTTE	Medium
01323105	CITY OF CHARLOTTE	Medium
01325599	MECKLENBURG COUNTY	Low
00507112	MECKLENBURG COUNTY	Low
01529351	MECKLENBURG COUNTY	Low
01510515	MECKLENBURG COUNTY	Low
01509104	MECKLENBURG COUNTY	Low
01510104	MECKLENBURG COUNTY	Low
01325548	MECKLENBURG COUNTY	Low
01747131	MECKLENBURG COUNTY	Low
01741117	MECKLENBURG COUNTY	Low
01715307	CITY OF CHARLOTTE	Low

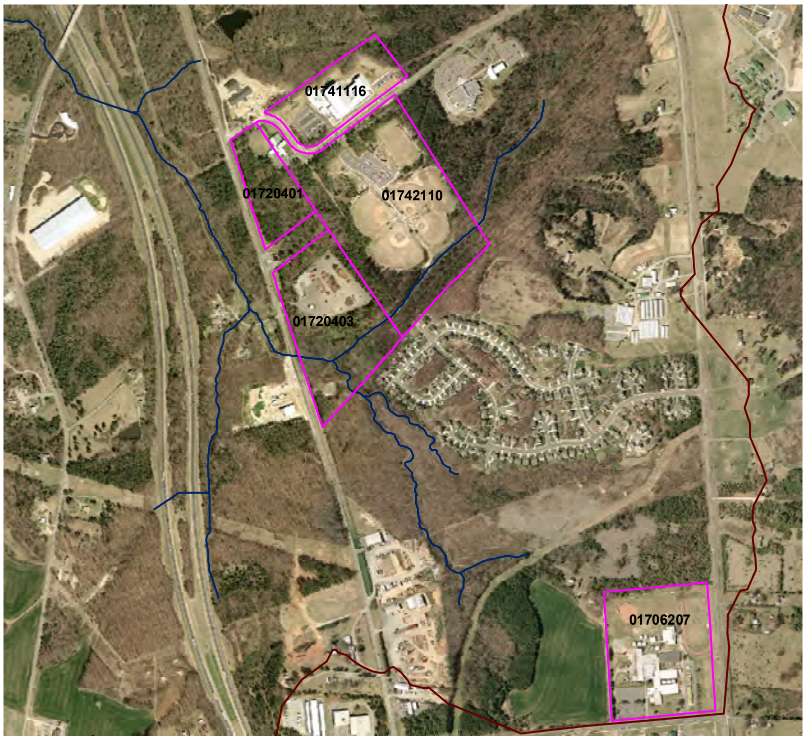


Figure 36: Aerial Photo of Parcels 017-41-116, 017-42-110, 017-20-401, 017-20-403 and 017-06-207.

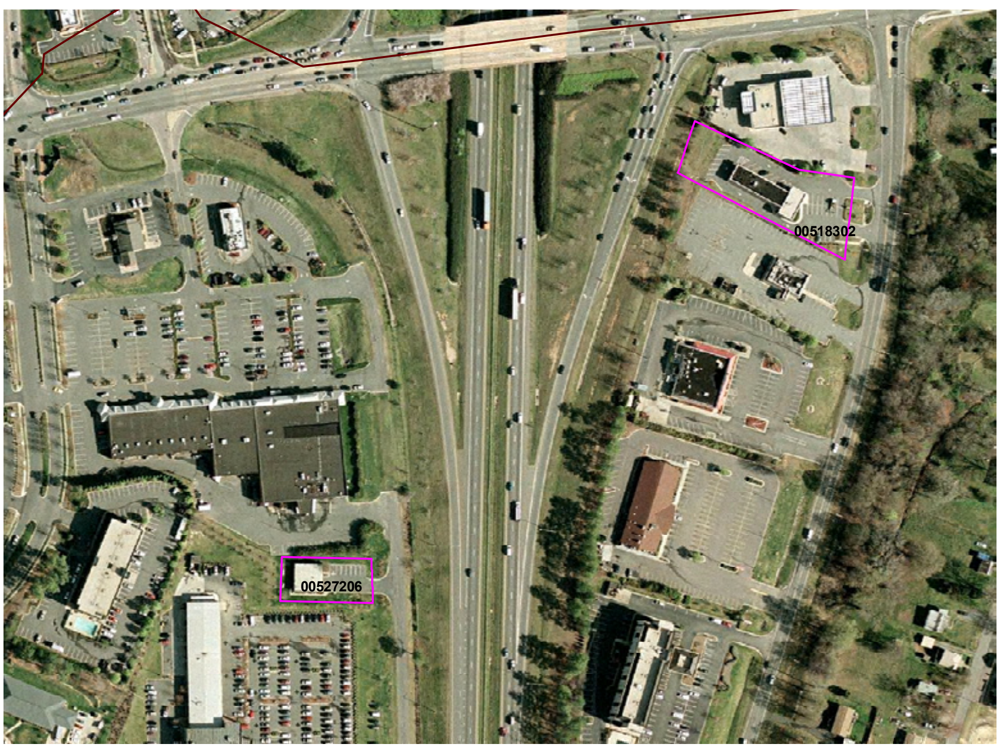


Figure 37: Aerial Photo of Parcels 005-18-302 and 005-27-206.

Figure 38: Aerial Photo of Parcel 005-16-678.

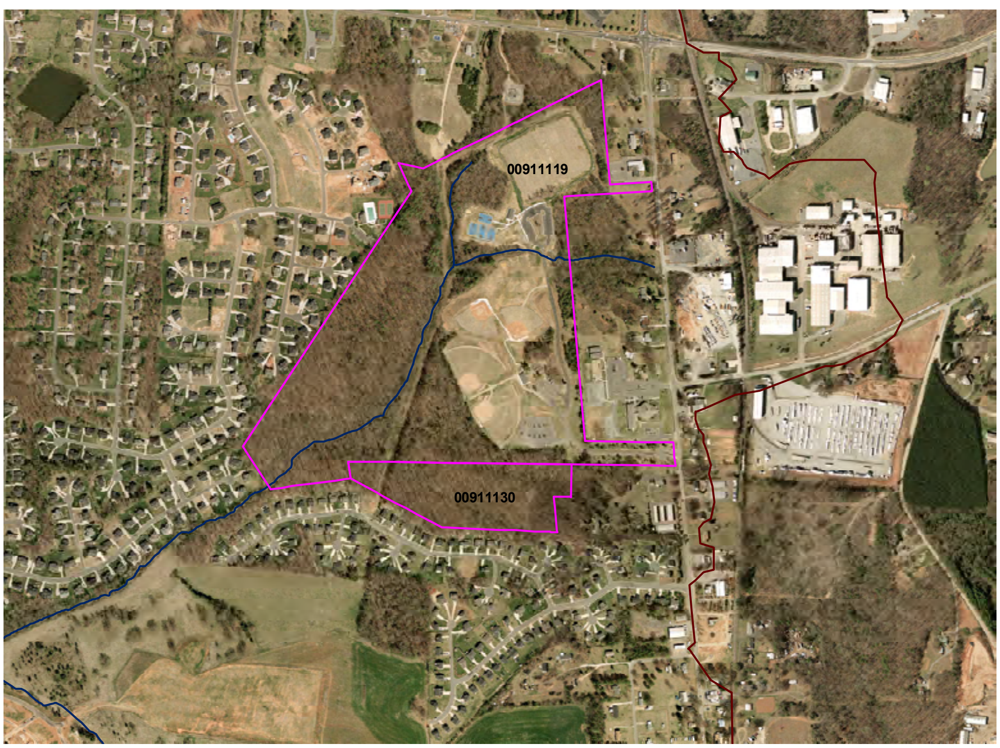


Figure 39: Aerial Photo of Parcels 009-11-119 and 009-11-130.

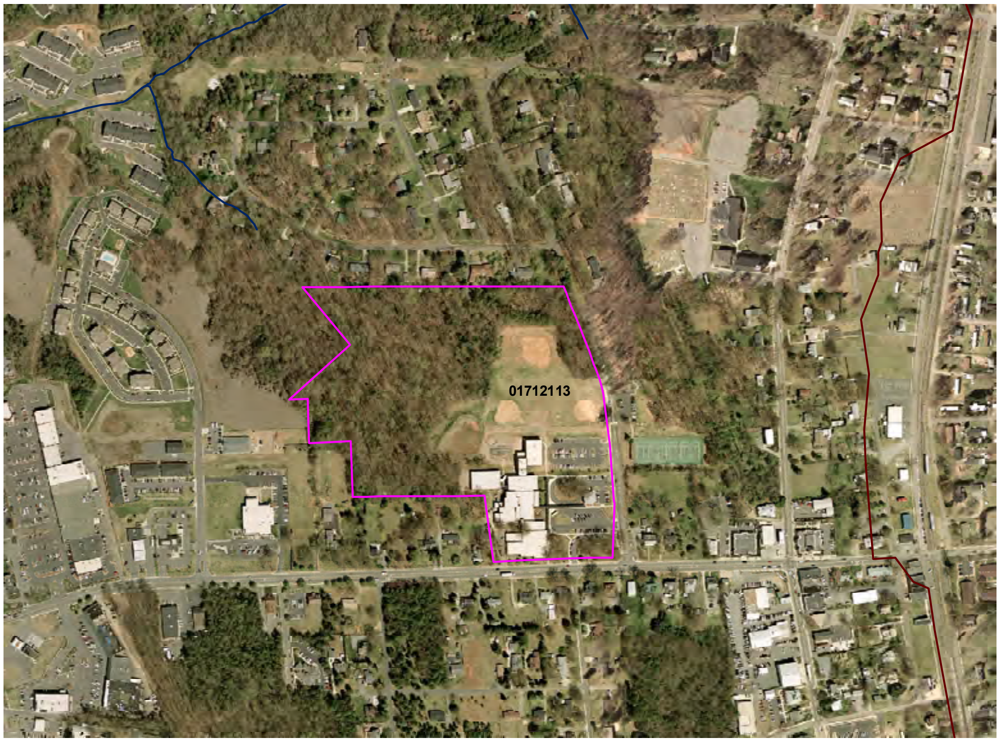


Figure 40: Aerial Photo of Parcel 017-12-113.

Figure 41: Aerial Photo of Parcels 005-20-129 and 003-17-401

Projects on these sites should be designed to meet the Upland Pollutant Loading Rate Goals presented in Table 9.

5.2 Stream Channel Management Opportunities

Three stream channel management opportunities were evaluated from field reconnaissance and GIS: preservation, restoration and enhancement.

For the purposes of mitigation credit, the US Army Corps of Engineers defines restoration and enhancement as follows (USACE, 2003):

<u>Restoration</u> *– the process of converting an unstable altered or degraded stream corridor, including adjacent buffers and flood prone areas, to its natural stable condition. Restoration is based on reference conditions and includes restoring the appropriate channel dimension, pattern and profile. For impacts to fair or poor quality waters, the mitigation credit ratio is generally 1.0 (i.e. for every 100 feet of stream impact, 100 feet of stream restoration would be required for mitigation).*

<u>Enhancement Level I</u> *– mitigation category that includes improvements to the stream channel and riparian zone that restore dimension and profile, but do not address pattern. required for every 100 feet of impact).*

<u>Enhancement Level II</u> *– mitigation category for measures that improve channel stability, water quality and habitat, but fall short of restoring both dimension and profile. Examples include bank stabilization, vegetating riparian buffers and using in-stream structures to enhance stability and habitat.*

The three most degraded basins based on rank (Table 21) are Sub-Basins I, B, and M. In the case of a tie, the sub-basin exhibiting the higher erosion rate was prioritized. Lower scores signify a higher category. Only reaches located in one of the three sub-basins were considered. Reaches were ranked based on erosion rates and Buck Channel Evaluation score. These prioritizations are need based only and do not account for feasibility.

The narrative below identifies potential projects based on recommendations for the three basins ranked highest. In order to create viable projects in scope and size, local reaches with the same recommendations and similar impairments were combined when applicable. Consult the Master Plan located in the Appendix C for complete ranking of reaches based on feasibility and need.

Table 21: Basin Rank for McDowell Creek Watershed.

Basin	Average Erosion Rate	Average Channel Evaluation	Overall Rank
I	3	2	1
B	2	4	2
M	1	7	3(Tie)
K	5	3	3(Tie)
L	7	1	3(Tie)
P	6	6	6
U	4	12	7
E	12	5	8
N	9	9	9(Tie)
F	10	8	9(Tie)
A	8	11	11
O	11	10	12

Sub-Basin I

Sub-Basin I is approximately located within the southeastern quadrant of the intersection of Sam Furr Road and Statesville Road (Figure 42). Approximately 938 acres of the sub-basin drain to headwater tributaries of Torrence Creek. Streambank erosion rates predict approximately 870 tons of sediment a year erode from Sub-Basin I perennial streams. Majority of the impaired channel is adjacent to single-family residences. Several stable reaches are adjacent to North Mecklenburg Park near Old Statesville Road. Additional residential development is scheduled along Stumptown Road in the southern portions of the sub-basin near. Portions of the existing 100 year floodplain extend into the sub-basin. One permanent cross section is located near the western boundary of the sub-basin.

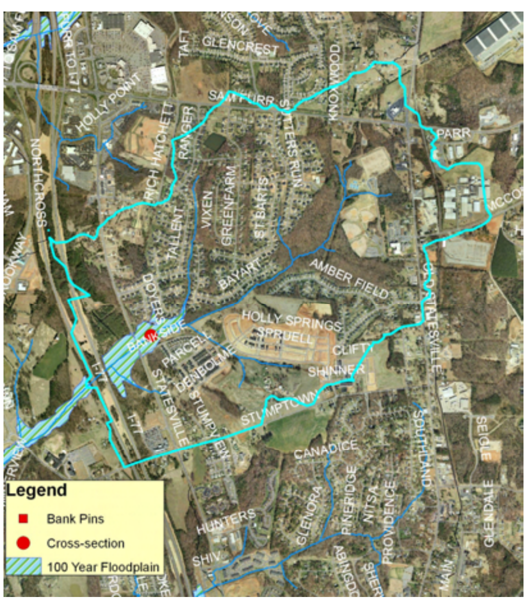


Figure 42. Sub-Basin I Aerial Map.

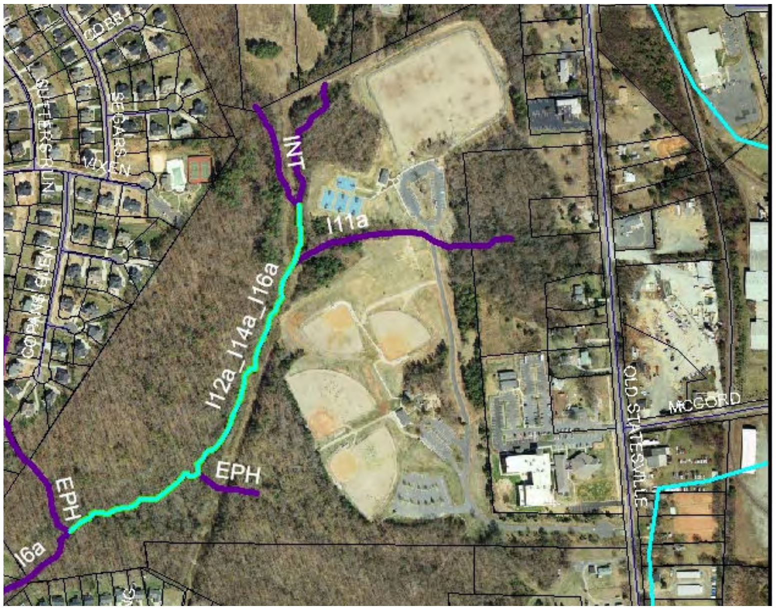


Figure 43: Study Reach I12A-I14A-I16A Proposed for Preservation.

Study Reach I12A-I14A-I16A was recommended for preservation (Figure 43). The reach is partially to fully shaded riffle/runs system consisting of stable riffles with less stability further downstream. Good variation in pool depths downstream of bedrock and debris jams. Habitat structures are common and include woody debris, undercut banks, and root mats. Mature forested riparian buffer and floodplain are present. Buffer width exceeds 50 feet on both banks. Banks are well-vegetated within the reach limits with herbaceous species, shrubs, and mature trees. Channel has large substrate such as boulders and bedrock that provide grade control. Rosgen stream types transition from G to F to C in a downstream direction. Bank height ratios are relatively low and range from 1.2 to 1.5. Bank Height Rations above 1.5 are found to be highly unstable (Rosgen, 2001). The reach appears to be in Stage V (aggradation and widening) of Simon's Evolution Model.

Figure 44: Study Reaches I3a, I4a_I5a, and I7a Proposed for Restoration.

Study Reaches I3a, I4a_I5a, and I7a were proposed for restoration (Figure 44). **Specifically, Reach I3a was identified by Buck as an immediate viable project for restoration when taking in account feasibility.**

Study Reach I3a is a fully exposed channel consisting of infrequent unstable riffles. Pools are shallow and uniform as a result of filling with excess fine sediment. Stream appears to have been channelized in the past. Vertically unstable due the degradation nature of this sediment "starved" system. The channel is completely disconnected from the floodplain and bank height ratios are greater than 2.0. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stage III of Simon's Evolution Model.

Study Reach I4a_I5a is a well-shaded riffle/run system composed of unstable embedded gravel riffles. Pools are present but are typically short and shallow in depth (pocket pools). Stream appears to have been channelized in the past. Channel has moderate floodplain access and exhibits bank height ratios that range from 1.6 to 1.8. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stage V of Simon's Evolution Model.

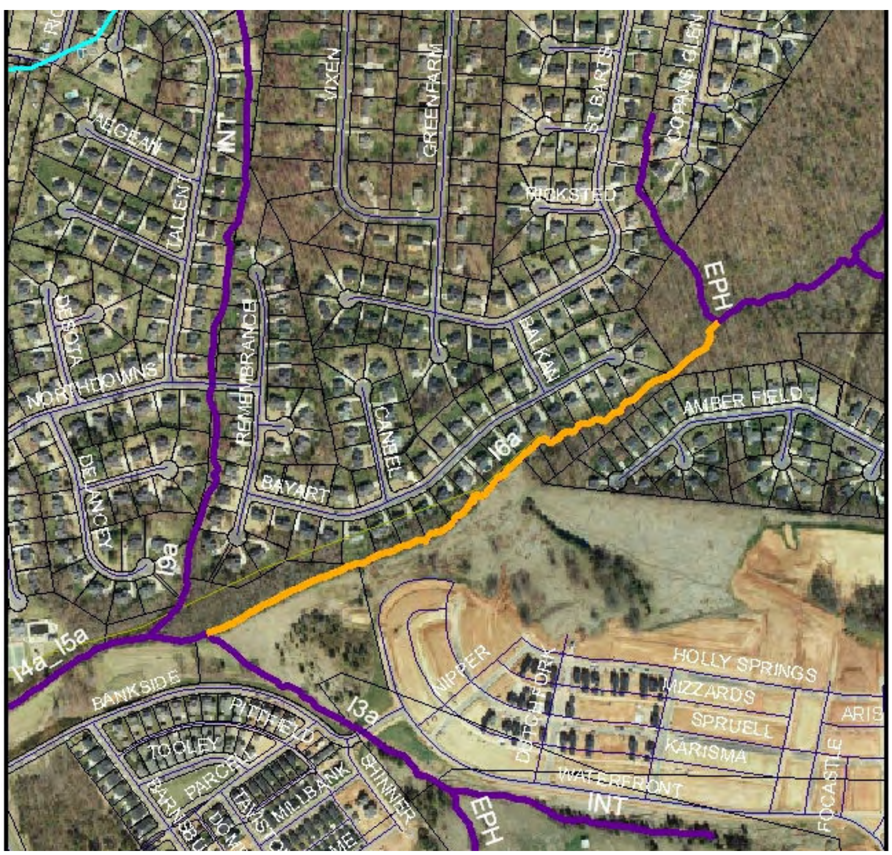


Figure 45: Study Reach I6a Proposed for Enhancement I.

Study Reach I6a was proposed for Enhancement I (Figure 45). The reach is a partially shaded channel consisting of unstable embedded riffles. Pools are infrequent and typically short and shallow in depth. Channel incision is complete due to multiple grade control structures. Channel has limited floodplain access along alternating flood benches upstream but is primarily disconnected. Bank height ratios range from 1.6 to 1.8. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stage V of Simon's Evolution Model.

Sub-Basin B

Sub-Basin B is approximately located within the southeastern quadrant of the intersection of Catawba Avenue and Interstate 77 (Figure 46). Approximately 766 acres of the sub-basin drain to headwater tributaries of McDowell Creek. Streambank erosion rates predict approximately 1280 tons of sediment a year erode from Sub-Basin B perennial streams. Majority of the impaired channel is adjacent to single-family residences. The sub-basin is almost exclusively built-out, and, therefore, future development limited. One bank pin cross section is located near the western boundary of the sub-basin. Portions of the existing 100 year floodplain extend into the sub-basin.

Figure 46. Sub-Basin B Aerial Map.

Figure 47: Study Reaches B6a, B11a, B13a, and B14b Proposed for Restoration.

Study Reaches B6a, B11a, B13a, and B14b were proposed for restoration (Figure 47). Study Reach B6a is a partially shaded gravel riffle/run system that has been embedded with fine sediment. Pools are present but are typically short and shallow. Channel has limited floodplain access, but is primarily disconnected. Channel incision is more severe with bank height ratios of 2.0 or greater in the upstream half of the reach. Bank height ratios are less downstream and range from 1.0 to 1.5. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stages III, IV, & V of Simon's Evolution Model.

Study Reach B11a is a partially to fully shaded riffle/pool system composed of gravel that is highly embedded with sand. Pools are infrequent and shallow due to active filling with sediment. Study reach is a vertically unstable system due to multiple headcuts. The channel is disconnected to its floodplain and exhibits high bank height ratios of >2.0. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stages III of Simon's Evolution Model.

Study Reach B13a is a partially shaded upstream but fully exposed further downstream riffle/pool system. Riffles are embedded with fines and pool depths are variable with large deep pools found along meander bends. Channel has moderate access to the floodplain with bank height ratios ranging from 1.2 to 1.8. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stages III to Stage IV of Simon's Evolution Model.

Study reach B14b is a well-shaded riffle/run system. Pools are shallow and actively filling with excessive sediment. The channel has limited access to its floodplain with bank height ratios that range from 1.0 to 2.0. The Rosgen stream type exhibited within the study reach is predominantly a G/F. The reach appears to be in Stage IV of Simon's Evolution Model.

Figure 48: Study Reaches B1a and B8a Proposed for Enhancement I.

Study Reaches B1a and B8a were proposed for Enhancement I (Figure 48). Study Reach B1a is a partially shaded channel consisting of a few riffles with long, shallow runs. The majority of pool depths are shallow and filled with sediment. Stream appears to have been channelized in the past. The Rosgen stream type exhibited within the study reach is predominantly a G (incised E). The reach appears to be in Stage IV of Simon's Evolution Model.

Study Reach B8a is a partially shaded riffle/run system composed of cobbles and gravel embedded with fine sediment. Good variation in pool depths with large pools in meander bends. Stream appears to have been channelized in the past. Channel incision is severe with bank height ratios of 1.8 to 2.0. Channel has limited access to the floodplain at mid-reach. Numerous log and debris jams provide some grade control. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stage IV of Simon's Evolution Model.

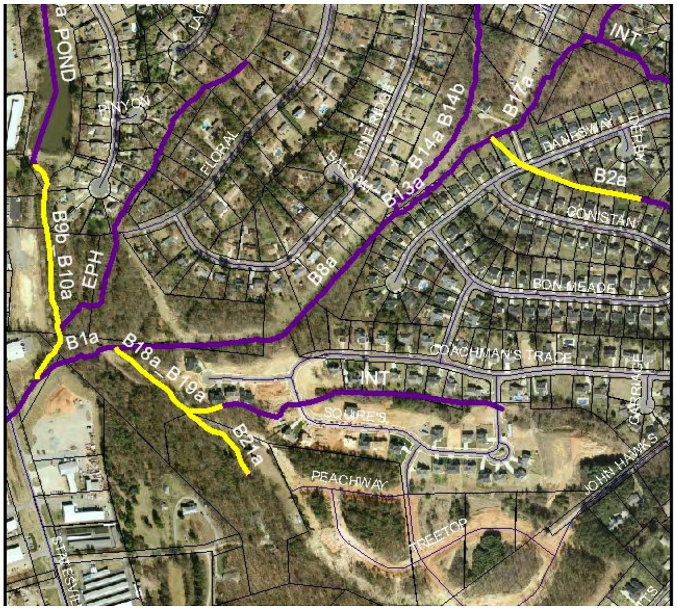


Figure 49: Study Reaches B2a, B21a, B9b_B10a, and B18a_B19a Proposed for Enhancement II.

Study Reaches B2a, B21a, B9b_B10a, and B18a_B19a were proposed for Enhancement II (Figure 49). Study Reach B2a contains a stream bed that is well-shaded due to incised banks and an invasive specie understory. Riffles and pools are infrequent with pools concentrated downstream of debris jams. Stream appears to have been channelized in the past. Channel incision is severe with bank height ratios of 1.8 to 2.0. Channel has limited access to the floodplain at mid-reach but is primarily disconnected throughout the remainder of the reach. Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stage III of Simon's Evolution Model.

Study Reach B21a is a fully shaded riffle/run system with cobble and gravel present. Pools are present and exhibit a variety of pool depths. The channel is generally disconnected with the floodplain and exhibits bank height ratios of 2.0. Bank height ratios were observed to range from 1.6 to 1.8 further downstream. Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stage III of Simon's Evolution Model.

Study Reach B9b_B10a is a partially shaded riffle/pool system composed of primarily cobble and gravel. Channel has moderate floodplain access along alternating flood benches. Bank height ratios ranging from 1.8 to 2.0 were observed. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stage V of Simon's Evolution Model.

Study B18a_B19a is a partially to fully shaded channel consisting of a few short, unstable riffles with long shallow runs. Pools are present but are typically short and shallow in depth with the occasional deep plunge pool below debris jams. Channel has limited access along alternating floodplain benches. Bank height ratios range from 1.5 to 1.8.

The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stage III of Simon's Evolution Model.

Sub-Basin M

Sub-Basin M is approximately located within the northeastern quadrant of the intersection of Beatties Ford Road and McIlwaine Road (Figure 50). Approximately 718 acres of the sub-basin drain to tributaries of McDowell Creek. Streambank erosion rates predict approximately 1282 tons of sediment a year erode from Sub-Basin M perennial streams. Majority of the impaired channel is associated with agriculture. The sub-basin is single-family residential south of Bud Henderson Road. Agriculture is predominant north of Bud Henderson Road, however future single-family residential development has been approved. One permanent cross section is located near the southern boundary of the sub-basin. Portions of the existing 100 year floodplain extend into the sub-basin.

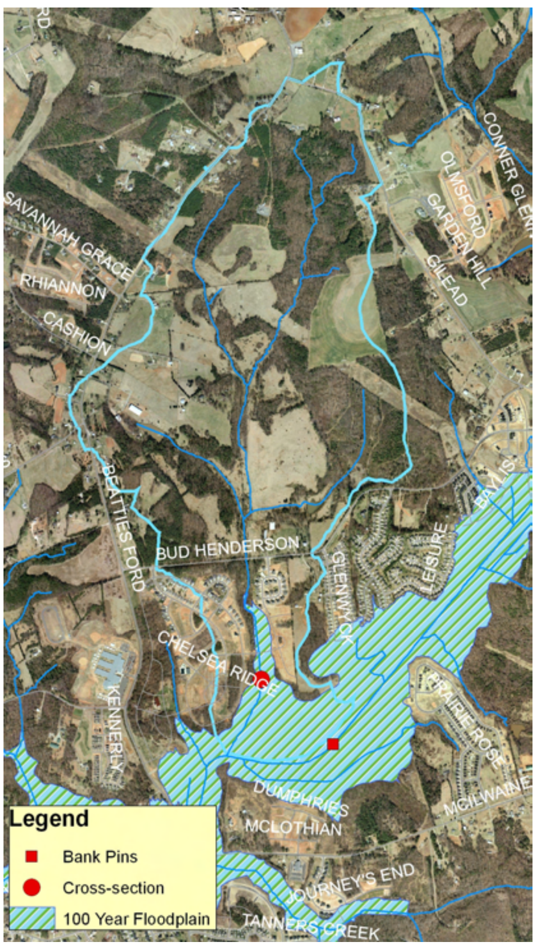


Figure 50. Sub-Basin M Aerial Map.

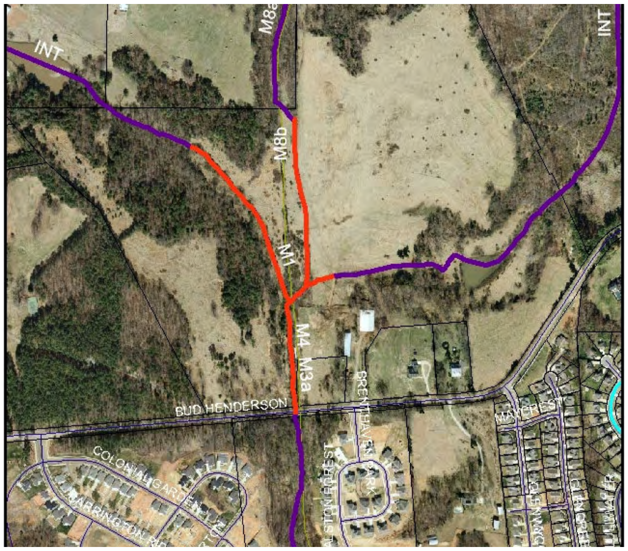


Figure 51: Study Reaches M1, M8b, and M4_M3a Proposed for Restoration.

Study Reaches M1, M8b, and M4_M3a were proposed for Restoration (Figure 51). Specifically, M1 and M8b were identified by Buck as reaches that represent viable projects for restoration when taking in account feasibility and should be prioritized.

Study Reach M1 is a partially shaded channel consisting of a few riffles with long, shallow runs. The majority of pool depths are shallow and actively filling with sediment. The stream appears to have been channelized in the past. Cattle crossings are present throughout the reach indicating that livestock has total access to the creek. Banks are steep and raw with minimal root mass in outside meander bends and channel constrictions. Mid channel bars are forming and pools are actively filling in with sediment. Channel is disconnected from the floodplain except within the downstream portion of reach where flood access is limited to small bankfull benches. Bank height ratios range from 1.5 to 2.0. The Rosgen stream type exhibited within the study reach is predominantly a G (incised E). The reach appears to be in Stage IV (degradation and widening) of Simon's Evolution Model.

Study Reach M8b is partially to fully shaded channel consisting of a few riffles with long, shallow runs. The stream appears to have been channelized in the past. Exclusive livestock access to the channel. Upstream and mid-reach the channel is actively downcutting. Limited floodplain access and high bank height ratios are evident. Few log and debris jams provide some grade control. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stages IV & V (aggradation) of Simon's Evolution Model.

Study Reach M4_M3a is a fully shaded gravel riffle/run system with riffles moderately embedded with fine sediment. Pools are present but are actively filling with eroded sediment. Channel is primarily disconnected from its floodplain. Channel incision is more severe with bank height ratios ranging from 1.8 to greater than 2.0. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stage III (degradation) of Simon's Evolution Model.

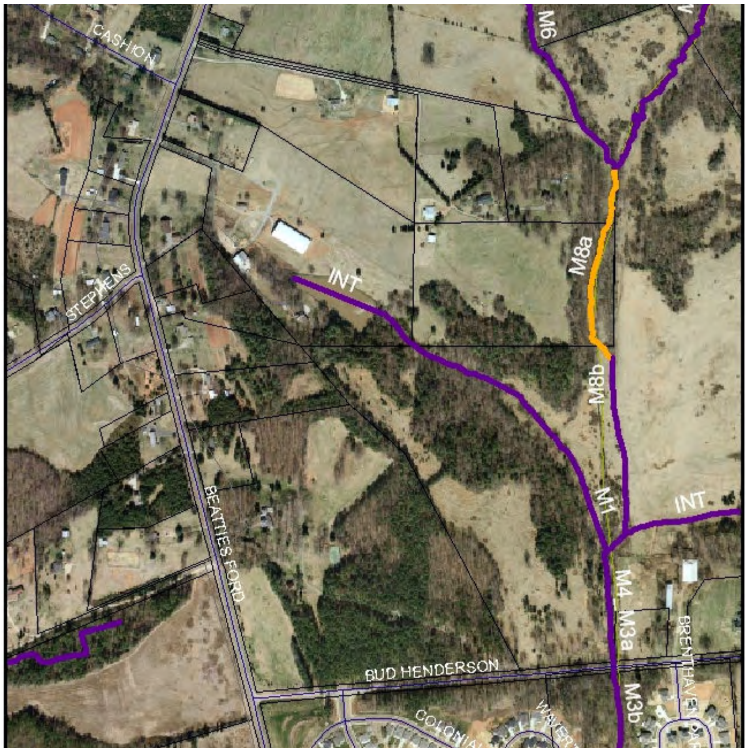


Figure 52: Study Reach M8a Proposed for Enhancement I.

Study Reach M8a is a partially to fully shaded riffle/run system composed of gravel riffles embedded with fine sediment (Figure 52). Pools are shallow and uniform and are actively filling with sediment. Stream appears to have been channelized in the past. The channel is disconnected from the floodplain and exhibits high bank height ratios ranging from 1.8 to greater than 2.0. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stages IV and V of Simon's Evolution Model.

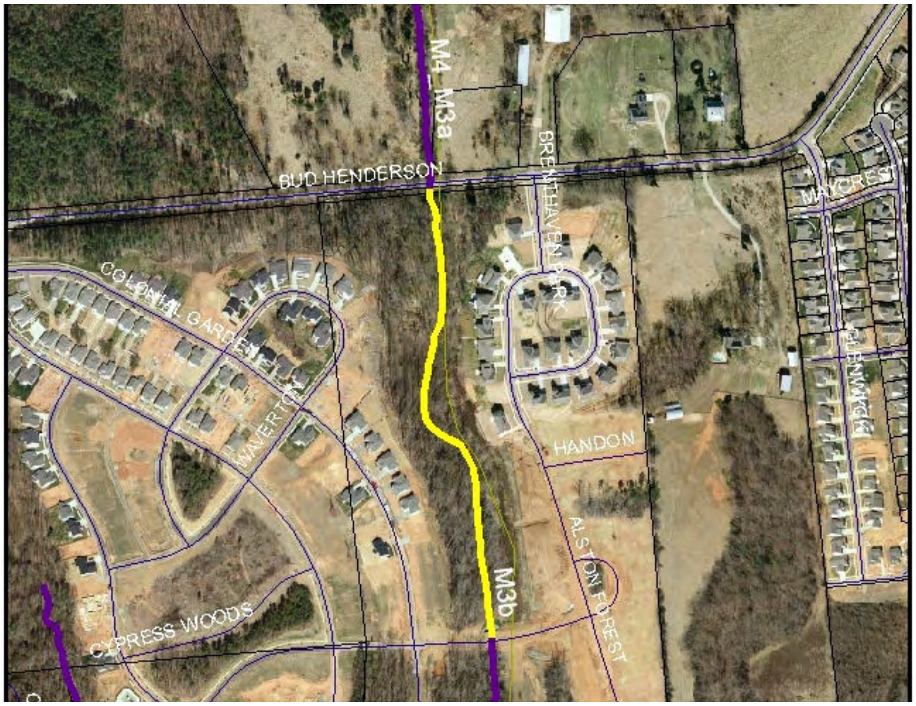


Figure 53: Study Reach M3b Proposed for Enhancement II.

Study Reach M3b is well-shaded due to incised banks and a mature woody canopy (Figure 53). Riffles and pools are common with pools concentrated on the outside of meander bends. Riffles are slightly embedded and pools are being filled with fine sediment. Bank height ratios range from 1.3 -2.0. Upstream the channel has limited access to the floodplain and alternating floodplain benches. Downstream the channel is more stable but filled with sediment. A depositional wetland system is present before a large box culvert. The Rosgen stream type exhibited within the study reach is predominantly a G. The reach appears to be in Stage VI and V of Simon's Evolution Model.

5.3 Stream Buffer Restoration Areas

The intent of this section is to identify catchments with the highest percentage of impacted (un-forested) stream buffer. Furthermore, this section identifies public parcels most in need of buffer reforestation.

5.3.1 Priority Catchments

The results of the buffer analysis were intersected with the catchments' coverage to determine the areas most in need of S.W.I.M. buffer restoration. Priority was given to the catchments where 50% or more of the stream buffer was un-forested. Seventeen of the 131 catchments meet the criteria. Table 22 lists the 17 catchments and the associated percent of S.W.I.M. Buffer that is un-forested. Figure 54 presents the catchments prioritized for S.W.I.M Buffer Restoration. Figures 55 – 60 present air photos for catchments with less than 25% of forested buffer intact. These catchments should be reforested as soon as possible with the highest priority given to those catchments in Table 22 with the highest percentage of un-forested S.W.I.M. Buffer.

Table 22. Priority Catchments for S.W.I.M. Buffer Restoration.

Catchment ID	% of Un-Forested S.W.I.M. Buffer
MD42	50
MD15	51
MD38	52
MD31	52
MD11	54
MD20	55
MDTC17	57
MDM2-4	61
MD5	64
MD17	66
MDCS13	67
MD16	72
MDCS14	74
MD19	77
MDT1-10	79
MD28	81
MDTC28	88

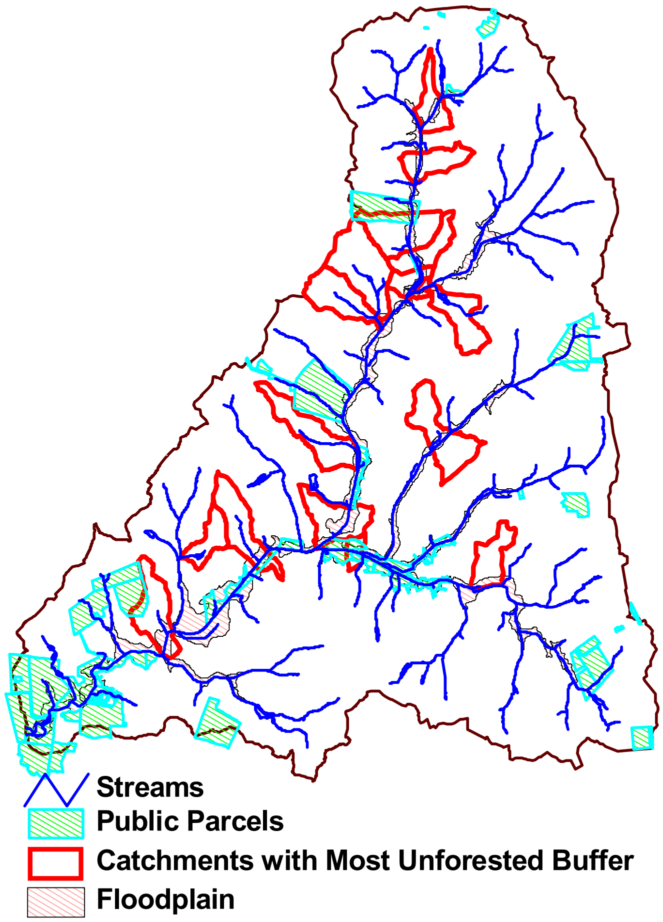


Figure 54: Catchments Prioritized for S.W.I.M. Buffer Enhancement.

Figure 55: Re-Forestation Priority Catchment MD19.

Figure 56: Re-Forestation Priority Catchment MDT1-10.

Figure 57: Re-Forestation Priority Catchment MD28.

Figure 58: Re-Forestation Priority Catchment MDTC28 (Note: Almost all of the un-forested buffer in this catchment is publicly owned).

5.3.2 Public Parcels

The results of the buffer analysis were intersected with publicly owned parcels in McDowell Creek to identify publicly owned property in need of buffer reforestation. A total of 65 acres spread across 13 parcels was identified through this analysis. Figure 59 shows the distribution of the parcels, priority and un-buffered areas in the McDowell Creek Watershed. The parcels were prioritized as High, Medium or Low based upon the following criteria:

- High Priority: Much of the property surrounding the confluence of McDowell and Torrence Creeks is owned by various public entities. In order to shade and stabilize this confluence these parcels have been given the highest priority for buffer re-forestation.

- Medium Priority: Public parcels with un-forested buffer areas directly adjacent to McDowell Creek not located at the confluence of McDowell and Torrence Creeks were given medium priority.

- Low Priority: Public parcels not located at the confluence of McDowell and Torrence creek and with forested areas directly adjacent to the creek (i.e. Un-forested areas are located landward) or parcels with minimal area to re-forest were given a low priority.

Table 22 presents a list of the publicly owned parcels in need of buffer restoration and their priority. Figure 59 illustrates the high priority buffer restoration sites.

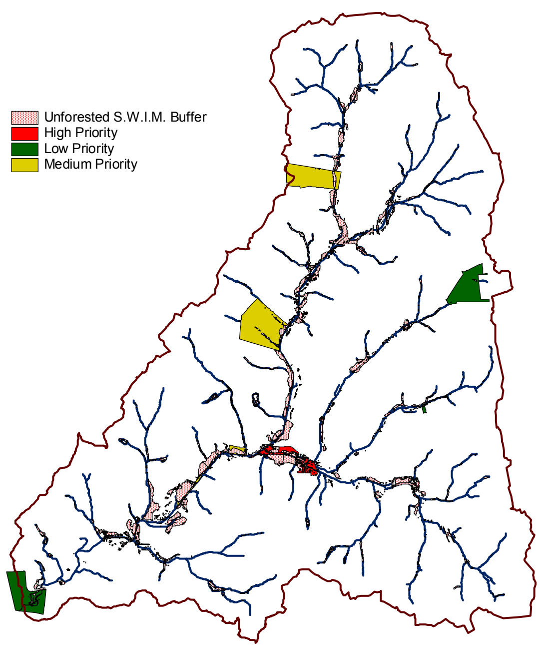


Figure 59: Public Parcels in Need of S.W.I.M. Buffer Re-Forestation.

Table 22: Public Parcels in Need of Buffer Restoration.

Parcel ID	Owner	Priority
015-35-245	MECKLENBURG COUNTY	High
015-38-197	MECKLENBURG COUNTY	High
015-09-104	MECKLENBURG COUNTY	High
015-35-199	MECKLENBURG COUNTY	High
005-07-112	MECKLENBURG COUNTY	Medium
015-09-107	MECKLENBURG COUNTY	Medium
005-37-162	MECKLENBURG COUNTY	Medium
015-39-198	MECKLENBURG COUNTY	Medium
009-35-101	CITY OF CHARLOTTE	Medium
009-11-119	MECKLENBURG COUNTY	Low
013-18-101	MECKLENBURG COUNTY	Low
023-22-111	MECKLENBURG COUNTY	Low
017-15-307	CITY OF CHARLOTTE	Low

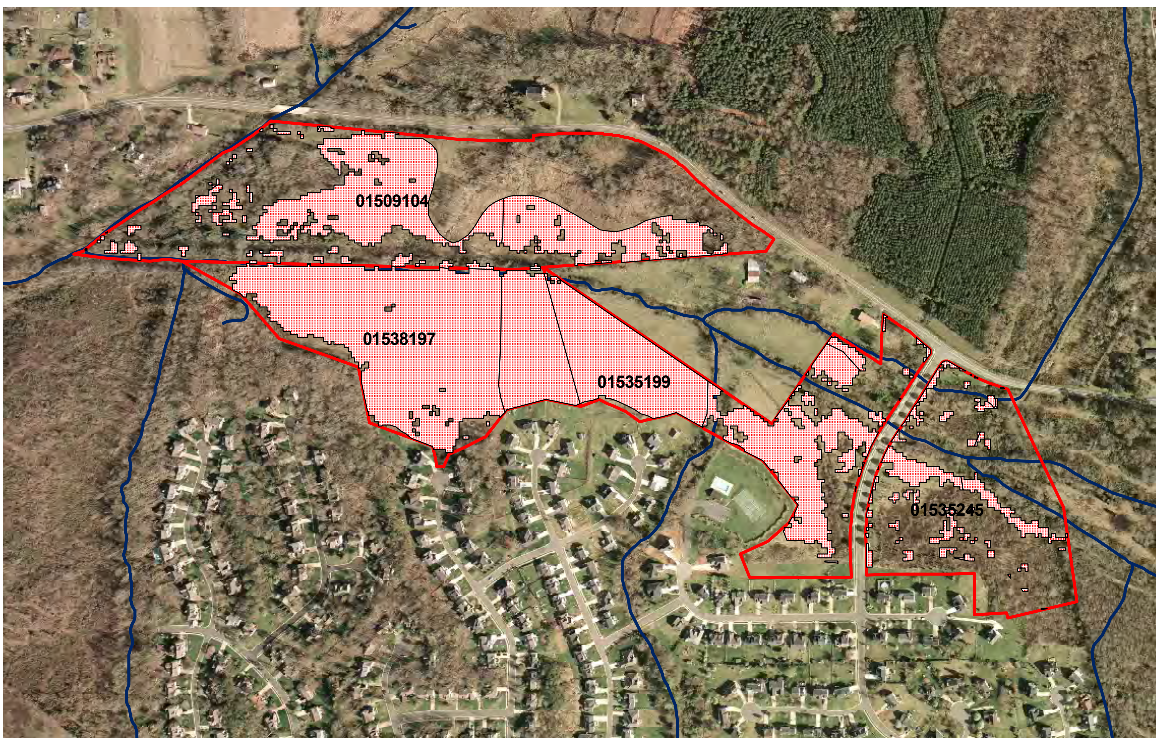


Figure 60: High Priority Buffer Restoration Sites.

5.4 Master Planning for Restoration, Retrofit and Preservation Projects

A minimum of two (2) detailed Master Plans will be developed to guide restoration, retrofit and preservation projects in the McDowell Creek Watershed. The goal of these Master Plans is to restore McDowell Creek to a fully functioning and supporting stream ecosystem and ensure a safe and secure water supply downstream in McDowell Creek Cove and Mountain Island Lake. The Master Planning process will start in the Focus Areas identified in Section 5.1.1 where the most impaired catchments are located. The planning process will begin with a thorough evaluation of all properties (including public and private) located in these Focus Areas to identify specific opportunities for restoration, retrofit and preservation projects, including properties to be recommended for acquisition by the County due to their water quality benefit. Secondly, an evaluation will be conducted of stream segments in McDowell Creek with un-forested S.W.I.M. Buffers at 50% or greater as identified in Table 22. Thirdly, the McDowell Creek Watershed Riparian Zone Management Plan will be completed by July 2006 and the areas identified for stream channel restoration will be identified. The highest priority will be given to potential projects (including BMP retrofits, buffer reforestations and stream channel restorations) located on publicly owned properties. Consideration will be given to the initiation of these projects as soon as possible. Once potential projects have been identified, a draft budget will be developed and funding sources specified. If grants will be included as a funding source, the grants and funding cycles will be specified as well as the necessary local match. At a minimum, the Master Plan will include the following:

- Specific location of all recommended projects (include on map).
- Detailed description of the projects, including type, size, etc. (include preliminary design sketches of the projects)
- Water quality benefit of the projects, including an estimate of pollutant removal capabilities.
- Budgets and funding sources for the projects.
- Individual project prioritization.

The Master Plan for the Focus Areas, property acquisition and preservation, buffer reforestation and channel restoration projects as described above is scheduled to be completed and incorporated into Version 2 of the Watershed Management Plan by December 2006. Implementation of this Master Plan will begin in January 2007 and continue through 2020 with the highest priority given to publicly owned properties.

The second Master Planning effort will be initiated in January 2008 with an evaluation of the medium to high priority public parcels listed in Table 14 that are located outside the Focus Areas. Potential projects will be identified and prioritized and a Master Plan developed by December 2008 (Version 3 of the Watershed Management Plan) with implementation planned for January 2009 and continuing through 2020. Following the development and implementation of the two (2) Master Plans described above, careful consideration will be given as to whether additional projects will be needed and a third Master Plan developed to include the medium to low priority catchments in the McDowell Creek Watershed. This determination will be based on a careful analysis of water quality trend data and whether the goals specified in Table 17 are being fulfilled.

An important component of maintaining water quality conditions in McDowell Creek is ensuring the proper operation and maintenance of BMPs installed to date to mitigate impacts from existing development as well as retrofit BMPs installed through the implementation of the Master Plans. This effort will begin in January 2006 and continue through December 2006 and will include the identification and inspection of all existing BMPs in the watershed. Deficiencies detected will be reported to responsible parties for correction. A regular schedule of BMP inspections in the watershed will be developed and implemented for both public and private BMPs.

SECTION 6. MEASURING SUCCESS AND ADAPTIVE MANAGEMENT

6.1 Establishing an Ongoing Water Quality Monitoring Program

As discussed in Section 2.2, Mecklenburg County has historically collected storm water samples from McDowell Creek at monitoring site MC4, which is located at Beatties Ford Road in Huntersville's jurisdiction (see Figure 61). McDowell Creek baseflow samples are collected from MC3E, MC4, MC2A-1 and MC4A (see Figure 2). Benthic macroinvertebrate and fish samples are collected at all the baseflow monitoring sites with macroinvertebrates collected annually and fish samples collected every five (5) years. Historically there has been one (1) USGS flow gauging station located on McDowell Creek at MC4 at Beatties Ford Road. There has been a continuous automated monitoring station in operation at this location since July 2005. In the spring of 2006, USGS installed two (2) additional gauging stations upstream in the watershed at McCoy Road on Torrence Creek and Gilead Road on McDowell Creek. In October 2006, two (2) additional continuous automated monitoring stations were installed at each of these new USGS gauging stations. A thorough evaluation has been completed of the historical chemical, physical and biological monitoring activities in the watershed and a new "McDowell Creek and Cove Water Quality Monitoring Plan" (see Appendix A) has been developed and implemented to ensure that the effectiveness of restoration efforts is being accurately measured for meeting the goals described in Section 3 and summarized in Table 23 below. In addition, goals and monitoring techniques for assessing the stream channel will be developed and implemented in October 2006.

Table 23: Watershed Restoration Goals.

Upland Pollutant Loading Rate Goals (for BMPs)
1. TN $\leq$ 4 lbs/ac/yr
2. TP $\leq$ 0.6 lbs/ac/yr
3. TSS $\leq$ 0.22 tons/ac/yr
In-Stream Water Quality Goals
1. TSS $\leq$ 0.3 tons/ac/yr
2. Benthic Macroinvertebrates = Fully Supporting
3. Fish = Fully Supporting
Stream Channel Goals (to be set following completion of channel assessment)
1. Entrenchment Ratio
2. Width/Depth Ratio
3. Dominant Channel Materials
4. Bank Erosion Rate

6.2 Annual Status Report

By December 31 of every year beginning in 2006 and continuing through the completion of the Watershed Management Plan (anticipated for December 31, 2020), the Mecklenburg County Water Quality Program will complete a McDowell Creek Watershed Management Plan Annual Status Report to at a minimum include the following information:

- Status of compliance with goals identified in Table 17.
- Status of compliance with the schedule included in Table 18.
- Status of all projects underway in the watershed.
- Recommended changes to Watershed Management Plan.

This report will be made available to all the key players involved in the implementation of the Watershed Management Plan, including the Director of Water & Land Resources, Manager of Storm Water Engineering, Manager of the Water Quality Program, Supervisor of the Catawba Section, Modeler for the Water Quality Program and a representative from the Town of Huntersville. This group will serve as the "Watershed Management Evaluation Team."

Figure 61: Water Quality Monitoring Site at MC4 along Beatties Ford Road.

6.3 Adaptive Management

The Watershed Management Evaluation Team described in Section 6.2 above will meet at least annually following the completion of each Watershed Management Plan Annual Status Report to evaluate the effectiveness of the Plan at meeting the goals described in Table 23 above. This evaluation will be based on the data and information contained in the Report as well as other pertinent facts and information provided regarding the effectiveness of the Plan at meeting established goals. During these meetings, consideration will also be given as to the effectiveness of the goals at measuring the effectiveness of the Plan. It may be necessary that goals be changed or that changes be made to the Plan. These changes will be reflected in the Watershed Management Plan and will become effective immediately.

SECTION 7. PROCESS FORWARD

The three (3) phase process for restoring the McDowell Creek Watershed is described in Table 24 below.

Table 24: McDowell Creek Watershed Restoration Process and Schedule.

Task #	Task Description	Schedule	Staff Lead
Phase I: Assessment & Master Planning (2006)			
1.	Install automated turbidity monitoring equipment on Torrence and McDowell Creeks and begin data collection. Implement other enhanced water quality monitoring activities as necessary to fully assess the effectiveness of the Watershed Management Plan and include these enhancements in Appendix A of the Plan. Monitoring activities to continue throughout project.	January 2006 – June 2006	David Caldwell
2.	Conduct intensive survey of the Focus Areas identified in Section 5.1.1.	January 2006 – July 2006	David Kroening
3.	Complete an evaluation of stream segments in catchments with un-forested S.W.I.M. Buffers at 50% or greater as identified in Table 15.	January 2006 – July 2006	Brian Sikes
4.	Conduct in-stream channel assessments and complete the McDowell Creek Watershed Riparian Zone Management Plan (Section 3.3). Integrate this Plan into Appendix B of the Watershed Management Plan, including setting stream channel goals and identifying restoration projects. Monitoring activities to continue throughout project.	January 2006 – October 2006	Brian Sikes
5.	Develop a Master Plan for the Focus Areas, buffer enhancements and channel restoration projects based on results from Tasks #2, #3 and #4 above. As a component of the Master Plan, estimate costs and identify funding sources (develop budget). The purpose of the Master Plan is to identify and prioritize mitigation projects. Include the Master Plan into Appendix C of the Watershed Management Plan.	August 2006 – December 2006	David Kroening
6.	Conduct watershed-wide mapping of existing BMP structures. Inspect BMPs and require maintenance/repairs as necessary. Develop and implement a routine inspection program for BMPs in the watershed.	January 2006 – December 2006	David Caldwell & Heather Davis

Task #	Task Description	Schedule	Staff Lead
Phase II: High Priority Mitigation & Restoration (2007 – 2020)			
1.	Implement findings of the Master Plan developed in Phase I, Task #5 above by mitigating existing upland pollution sources on **public** properties identified in Section 5.1.1.	January 2007 – December 31, 2015	David Kroening
2.	Implement findings of the Master Plan developed in Phase I, Task #5 above by replanting impacted buffers on **public** properties identified in Table 15.	January 2007 – December 31, 2015	David Kroening
3.	Implement findings of the Master Plan developed in Phase I, Task #5 above by implementing channel restoration projects.	January 2007 – December 2015	David Kroening
4.	Implement findings of the Master Plan developed in Phase I, Task #4 above by completing Phase II tasks #1, #2 and #3 on **private** property.	January 2007 – December 2020	David Kroening
Phase III: Medium-High Priority Assessment & Mitigation (2008 – 2020)			
1.	Conduct intensive survey of the medium to high priority public parcels listed in Table 14 that are located outside the Focus Areas.	January 2008 – July 2008	David Kroening
2.	Develop a Master Plan for the medium to high priority catchments based on survey results to identify and prioritize mitigation projects. As a component of the Master Plan, estimate costs and identify funding sources (develop budget). Integrate the Master Plan into Appendix D of the McDowell Creek Watershed Management Plan.	August 2008 – December 2008	David Kroening
3.	Implement Master Plan developed in Phase III, Task #2 above on **public** and **private** property.	January 2009 – December 2020	David Kroening
Ongoing Efforts for all Phases			
1.	Continue monitoring efforts and assess progress toward meeting the upland, in-stream and channel goals described in Table 17. The establishment of a turbidity/sediment relationship will need to occur following at least one (1) year of flow data from the new USGS flow gaging sites to be installed on McDowell Creek in 2006.	January 2006 – December 2020	David Caldwell

Task #	Task Description	Schedule	Staff Lead
2.	Continue the inspection of BMPs in the McDowell Creek Watershed. New BMPs installed as a component of the implementation of Master Plans will also need to be maintained and inspected on a regular basis.	January 2006 – December 2020	David Caldwell & Heather Davis
3.	Produce written annual progress reports on the implementation of McDowell Creek Watershed Management Plan, including at a minimum the mitigation projects completed and a summary of the upland, in-stream and channel monitoring results as well as a trend analysis to assess compliance with goals (Table 17).	January 2006 – December 2020	David Kroening
4.	Conduct annual adaptive management sessions with key Plan participants. Review data contained in the annual reports and adapt the McDowell Creek Watershed Management Plan as necessary to enhance effectiveness.	January 2006 – December 2020	David Kroening
5.	Continue to work with Real Estate & Property Management to acquire important parcels in the McDowell Creek Watershed. These parcels will be identified as part of the Master Planning process.	January 2006 – December 2020	David Kroening

SECTION 8. CONCLUSION

The McDowell Creek Watershed is biologically impaired and McDowell Creek Cove is impacted from storm water runoff and wastewater treatment plant effluent. Historical watershed protection efforts, such as the adoption of the water supply watershed protection regulations, were ineffective at protecting stream and cove water quality. Implementation of the Huntersville Water Quality Ordinance is designed to prevent continued degradation of stream and lake water quality from new development; however, pre-existing sources of pollution remain partially or completely un-mitigated. In order to restore the water quality in McDowell Creek and McDowell Creek Cove, pre-existing sources of pollution will need to be mitigated and in-stream stressors to benthic macroinvertebrate life removed. In this way Mecklenburg County can achieve its ultimate goal for McDowell Creek of improving water quality conditions such that designated uses are met and the creek and cove are no longer impaired. The effective implementation of this Watershed Management Plan will enable this to be accomplished but it will take time. It is currently anticipated that this process will take a minimum of 15 years between 2006 and 2020. Protecting our downstream drinking water supply in Mountain Island Lake and restoring an important natural resource in McDowell Creek will be the end result, which is well worth the effort.

Appendix A
McDowell Creek and Cove Water Quality Monitoring Plan

Background

A comprehensive management plan has been developed for the McDowell Creek Watershed to restore water quality conditions throughout the watershed. The McDowell Watershed encompasses approximately 30 square miles in northwestern Mecklenburg County. The majority of the watershed is within the Town of Huntersville jurisdiction, while the upper portion is within Cornelius. The two named tributaries of McDowell Creek are Torrence Creek and Caldwell Station Creek. The watershed has approximately 80 miles of streams. McDowell Creek drains into Mountain Island Lake upstream of Charlotte Mecklenburg's primary drinking water intake. The majority of the McDowell Creek watershed is classified as WS-IV waters. In 2000, numerous portions of McDowell Creek were listed on the State's 303d list of impaired waters. The current DRAFT 2006 303d list still includes McDowell Creek as being impaired due to biological integrity. Data collected by Mecklenburg County supports the listing due to the loss of biological habitat which has occurred from increased sediment loads in the stream. Sediment sources are attributed to upland loads from increased development and construction, as well as in-stream loads from unstable stream banks which are also related to increased flow caused by increased impervious area throughout the watershed.

Purpose

The purpose of this monitoring plan is to specify the activities and methods that will be implemented for monitoring the watershed in a way that will be supportive to the overall McDowell Creek Watershed Management Plan. The monitoring of the watershed will support the Management Plan by providing data and information to assess the Plan's overall effectiveness at obtaining the water quality goals.

Water Quality Goals

Section 3 of the McDowell Creek Watershed Management Plan outlines the watershed indicators and goals. The following summarizes these goals.

Upland Goals

These goals are appropriate to be applied to retrofit BMP projects as a catchment wide design standard. Monitoring to achieve these goals will be achieved through individual project monitoring plans. Table 1 lists the upland goals.

Table 1: Upland Pollutant Loading Rate Goals.

Parameter	Goal
Total Nitrogen	$\leq$ 4 pounds/acre/year
Total Phosphorus	$\leq$ 0.6 pounds/acre/year
Total Suspended Solids	$\leq$ 0.22 tons/acre/year

In-Stream Goals

These goals reflect the desired water quality in the stream itself. Monitoring for compliance with these goals will be achieved through numerous strategies discussed later in this plan. Table 2 contains the in-stream water quality goals

Table 2: In-Stream Water Quality Goals.

Parameter	Goal
Total Suspended Solids	$\leq$ 0.3 tons/acre/year
Benthic Macroinvertebrates	Fully Supporting
Fish	Fully Supporting

Stream Channel Goals

These goals will relate to the physical condition of the stream channel. These goals have not yet been established since data is still being collected through the assessment of the stream channels. The goals will likely be based upon various geomorphic channel measurements such as Entrenchment Ratios, Width/Depth Ratios, Dominant Channel Matrix, and Bank Erosion Rates.

Monitoring Strategy

As mentioned above, this plan does not address monitoring for adherence to the upland loading rates. This will be accomplished through the monitoring of specific projects on a case by case basis. The purpose of this plan is to outline the monitoring necessary to measure adherence to the In-Stream Water Quality Goals and the Stream Channel Goals (when they are established). This will be accomplished through various monitoring techniques such as Continuous Flow Monitoring, Continuous Rainfall Monitoring, Continuous Monitoring & Alert Notification Network (CMANN), TSS Monitoring, Fixed Interval Grab Sampling, Bacteria Monitoring, Benthic Macroinvertebrate / Fish Monitoring and Habitat Assessment, Geomorphic Stream Channel Assessments, and Lake Monitoring. Since the stream is impaired due to biological integrity, the monitoring program is geared towards providing routine checks on the diversity and abundance of aquatic organisms, as well as thoroughly assessing the primary pollutant (sediment) which is the primary cause of the aquatic habitat loss throughout the watershed. A table summarizing all of the monitoring is provided in Table 8, along with a site map (Map 1) at the end of this document.

Continuous Flow Monitoring

The monitoring of stream flow throughout the watershed is critical to the success of the monitoring program. Without flow data, an accurate assessment of pollutant loads cannot be obtained. Pollutant concentration data only provides a snap shot of the pollution in the stream at that particular location. Flow data accompanying concentration data provides a more thorough evaluation of watershed conditions.

In order to adequately assess flow throughout the watershed, three (3) flow gauges are located in the watershed. These gauges are owned and maintained by the United States Geological Survey (USGS). Mecklenburg County will continue to contract with the USGS to provide the necessary maintenance and data collection at these gauges. The gauges collect flow data 24 hours a day, 7 days a week and real-time data is available via the USGS web site. Table 3 below indicates the location of the flow gauges within the McDowell Watershed. The gauges at Gilead Road and McCoy Road were recently added in 2006.

The addition of a new gauge at McDowell Creek at Sam Furr Road is proposed during FY 07-08. This will allow a more accurate evaluation of stream conditions in the upper watershed, below the area identified as Focus Area 2 in the Watershed Management Plan.

Table 3: Flow Gauges.

USGS Site ID	Location	Coordinates	MCWQP Site ID
02142654	McDowell Creek at Gilead Road	35.24.26 80.53.26	MC2A-1
0214266000 (CSW10)	McDowell Creek at Beatties Ford Road	35.23.23 80.55.16	MC4
02142658	Torrence Creek at McCoy Road	35.24.04 80.52.12	MC3E-1
	McDowell Creek at Sam Furr Road		MC2 (**)
(**) Indicates proposed new site for 2007			

Continuous Rainfall Monitoring

Rainfall is an important component of assessing the water quality in the watershed since most of the pollution originates from non-point sources. More rainfall has historically meant higher pollutant loads in the streams from upland sources, more bank full stream events and more stream bank erosion.

Rainfall data is collected through the USGS rain gauge network which collects continuous rainfall data 24 hours a day and 7 days a week. The USGS maintains the rain gauge network. Data is available through the USGS web site. Mecklenburg County will continue to contract with the USGS to provide this data. Table 2 provides the location of the rain gauges within the McDowell Watershed.

Table 4: Rain Gauges

USGS Site ID	Location	Coordinates	MCWQP Site ID
02142651 (CSW09)	McDowell Creek at Westmoreland Road	35.27.50 80.52.35	n/a
0214266000 (CSW10)	McDowell Creek at Beatties Ford Road	35.23.23 80.55.16	MC4
352523080535545 (CRN62)	Cooks Dairy Farm	35.25.23 80.53.55	n/a

USGS Site ID	Location	Coordinates	MCWQP Site ID
352440080505045 (CRN43)	Huntersville Elementary School	35.24.40 80.50.47	n/a

Continuous Monitoring & Alert Notification Network (CMANN)

The CMANN network is a custom monitoring program developed by the Mecklenburg County Water Quality Program. The McDowell Watershed has three (3) CMANN sites as indicated in Table 5 below. Each site is equipped with a YSI multi probe sonde which constantly measures Temperature, Dissolved Oxygen, Conductivity, pH and Turbidity. The sites are powered with batteries accompanied by solar panels and include a data logger and dial out system. The CMANN sites collect data at 15 minute increments. Real time and historical data is available at a secure web site. USGS flow gauge sites are located at all CMANN sites in order to provide correlation of data. The CMANN program provides a critical component to the monitoring program through the use of its turbidity data. This turbidity data (collected at 15 minute increments) will be correlated with Total Suspended Solids (TSS) concentrations at various flows. This correlation provides the necessary data to measure success as compared to overall in-stream TSS goals discussed earlier. In addition, the CMANN sites are programmed to alert Water Quality staff in case of exceedances of predetermined action levels so that potential pollution sources can be identified and eliminated.

A new CMANN site is proposed for FY 07-08 at Site MC2. This site will allow a more accurate evaluation of stream conditions in the upper watershed, below the area identified as Focus Area 2 in the Watershed Management Plan.

Table 5: CMANN Sites.

Location	Coordinates	MCWQP Site ID
McDowell Creek at Gilead Road	35.24.26 80.53.26	MC2A-1 (*)
McDowell Creek at Beatties Ford Road	35.23.23 80.55.16	MC4
Torrence Creek at McCoy Road	35.24.04 80.52.12	MC3E-1 (*)
McDowell Creek at Sam Furr Road		MC2 (**)
(*) Indicates new site for 2006 (**) Indicates proposed new site for 2007		

Total Suspended Solids (TSS) & Turbidity Monitoring

A critical component of being able to accurately assess the current TSS loading values in the watershed is the ability to maintain an accurate Turbidity / TSS relationship. Since the CMANN sites will collect field turbidity data throughout a given flow regime, TSS grab samples will also be routinely collected at all CMANN sites at a range of turbidity levels. In FY06-07 a total of 24 grab samples will be collected at each site, one grab sample at various increments between 100 NTU and up to 1500 NTUs (as measured by the CMANN turbidity probe). These samples will also be analyzed for turbidity by the lab in order to evaluate the CMANN field turbidity accuracy. The frequency of sampling will be evaluated as monitoring occurs and the turbidity/TSS relationship is developed, and modified if necessary to maintain an accurate relationship.

Fixed Interval Grab Sampling

The Fixed Interval Grab Sampling program is designed to assess water quality by collecting grab samples at a fixed date each month, regardless of the flow conditions. Fixed Interval Grab Samples will be collected only at Site MC4. Samples are analyzed for a full suite of parameters, as listed in Table 6 below.

Table 6: Fixed Interval Grab Sampling Parameters.

Temperature (field)	Total Phosphorus
Dissolved Oxygen (field)	Total Suspended Solids (TSS)
Conductivity (field)	USGS Suspended Sediment Test (SSC)
pH (field)	PSD- Particle Size Distribution
Fecal Coliform Bacteria	Turbidity
E-Coli Bacteria	Copper
Ammonia Nitrogen	Zinc
Total Nitrogen	Chromium
Total Kjeldahl Nitrogen	Lead

Bacteria Monitoring

Bacteria in streams is a significant concern from a public health standpoint. The purpose of the Bacteria Monitoring Program is to quickly identify potential health related issues and eliminate them. The majority of the McDowell Creek Watershed is served by the Charlotte Mecklenburg Utilities sanitary sewer system. Although the Utilities Department has a preventive maintenance program, sewer lines often become clogged with grease and debris and can overflow into nearby streams. Failing septic systems can also be sources of bacteria. Monthly grab samples for fecal coliform bacteria and E-Coli are collected at the sites indicated in Table 7. This sampling occurs during base flow (dry weather) conditions.

Table 7: Bacteria Monitoring Sites

Location	Coordinates	MCWQP Site ID
McDowell Creek at Gilead Road	35.24.26 80.53.26	MC2A-1
McDowell Creek at Beatties Ford Road	35.23.23 80.55.16	MC4
Torrence Creek at McCoy Road	35.24.04 80.52.12	MC3E-1 (*)
McDowell Creek at Sam Furr Road		MC2
McDowell Creek at Neck Road		MC4A
(*) Indicates new site for 2006		

Benthic Macroinvertebrate / Fish Monitoring / Habitat Assessment

Since McDowell Creek is listed on the State's 303d list due to biological integrity, macroinvertebrate monitoring is an important component of the monitoring plan. The presence of a diverse, pollution intolerant macroinvertebrate community is a sign of a healthy stream. Available habitat, as well as water chemistry is a key to maintaining a macroinvertebrate community. Excess sediment has jeopardized aquatic habitat in the majority of the McDowell Watershed.

The monitoring of fish populations and diversity are also an important indicator of a stream's health. The presence of a diverse population of fish is also influenced by water chemistry and available habitat and food. Like benthic macroinvertebrates, fish are sensitive to changes in water quality and will reflect the impacts of pollution on a water body. Fish are also extremely mobile and able to quickly vacate an area if conditions are not suitable.

In order to assess aquatic habitat, the Mecklenburg County Habitat Assessment Protocol is used to evaluate aquatic habitat and riparian zones at the benthic macroinvertebrate sampling sites. Habitat information is important for evaluating the physical and chemical effects on a stream. It is also a critical factor to consider when evaluating the benthic macroinvertebrate community at a site. Habitat is evaluated and scored annually at each site using the protocol.

In order to adequately assess macroinvertebrates in the McDowell Watershed, samples will be collected and processed annually at the sites indicated in Table 8 below. Fish samples will be collected once every five years at the same sites.

Table 8: Benthic Macroinvertebrate and Fish Sampling Sites

Location	**Coordinates**	**MCWQP Site ID**
McDowell Creek at Gilead Road	35.24.26 80.53.26	MC2A-1
McDowell Creek at Beatties Ford Road	35.23.23 80.55.16	MC4
Torrence Creek at McCoy Road	35.24.04 80.52.12	MC3E-1 (*)
McDowell Creek at Sam Furr Road (below Caldwell Station)		MC2 (*)
(*) Indicates new site for 2006		

Geomorphic Stream Channel Assessments

Stream channel stability reflects the ability of the stream, over time, to transport the flows and sediment from its watershed in such a manner that the dimension, pattern and profile of the stream is maintained. By monitoring the stream channel, we can quantify stability by evaluating whether the stream is aggrading or degrading and whether changes are occurring in stream bed materials, bank erosion and morphological evolution. Channel stability will be assessed by the following three monitoring indicators.

1. Vertical or Bed Stability (aggradation/degradation)
   Cross-sections and scour chains are used to determine if the stream is downcutting, filling or is stable. The rate, magnitude and direction of vertical change will be determined. Specifically, monumented cross-sections are helpful in providing an elevation reference to depict changes. Scour chains installed vertically in the stream bed will provide scour depths for various storm events. Often the stream bed will scour, then if the channel is stable, it will return to the pre-flooded elevation. Using a combination of scour chains and cross-sections can provide key data not only for vertical stability but also for sediment transport relations and biological interpretations.

2. Lateral Stability
   To determine the rate and magnitude of bank erosion, bank pins will be installed at representative stream sites to provide a profile of the stream. Pins will be re-surveyed following runoff events to obtain measured stream bank erosion rates. Measured stream bank erosion rates can be expressed in feet/year, cubic yards/year, and total tons/stream reach for a given flow or for a runoff season. Rosgen's Bank Erodibility Hazard Index (BEHI) will be used to assign a score for each bank at the cross-section.

3. Bed Material Size Distribution
   Composition of the stream bed is a good indicator of changes in stream character, channel form, hydraulics, erosion rates and sediment supply. A pebble count gives a quantitative description of the bed material. Pebble counts will be performed at the permanent cross sections.

The above monitoring will be conducted annually at the sites indicated in Table 9 below.

Table 9: Stream Channel Assessment Sites

Sites	**Coordinates**	**Location**
M1		Unnamed Tributary McDowell downstream of Bud Henderson Road
N1		McDowell Creek downstream of Gilead Road
B1		McDowell Creek upstream of Hwy 21 (Cornelius)
F1		Caldwell Station upstream of Hwy 21 (Exit 25 area)
P1		Torrence Creek upstream of Huntersville Business Park (Exit 23 area)
R1 (MC4)	35.23.23 80.55.16	McDowell Creek @ Beatties Ford Road

Lake Monitoring (McDowell Creek Cove on Mountain Island Lake)

Although not addressed in the McDowell Creek Watershed Management Plan and not listed on the State's 303d list of impaired waters, McDowell Creek Cove on Mountain Island Lake has shown significant signs of impairment over the last 15 years. The cove, which is relatively shallow and wide routinely reflects the impacts from the watershed in the form of elevated nutrients and chlorophyll-a levels. An improvement has been observed since 1998 due to nutrient removal systems being installed at Charlotte Mecklenburg Utilities McDowell Creek Wastewater Treatment Plant, which discharges into McDowell Creek just above the cove. Chlorophyll-a continues to be the parameter of concern in the cove.

Water chemistry samples are collected in McDowell Creek Cove on a monthly basis from May through September and every other month during the fall and winter. Samples are collected in the cove at two sites, MC3B (middle cove) and MC3 (rear cove). See Map 2 on page 76. Parameters analyzed are listed below in Table 10. Algal Densities are also analyzed and identified.

Table 10: Lake Sampling Parameters

Temperature (field)	Total Phosphorus
Dissolved Oxygen (field)	Total Suspended Solids (TSS)
Conductivity (field)	Orthophosphorus
pH (field)	Chlorophyll-a
Secchi (field)	Alkalinity
Fecal Coliform Bacteria	Turbidity
E-Coli Bacteria	Toxic and Mineral Metals(annually)
Ammonia Nitrogen	VOCs (annually)
Total Nitrogen	Algal Density
Total Kjeldahl Nitrogen	

Additions to Lake Monitoring Program

In FY 07-08, a CMANN site will be added to the rear of McDowell Creek Cove to monitor constant Chlorophyll-a levels, along with other field parameters. This will allow a closer look at algal changes throughout the year which will help to better understand the dynamics of the changing watershed.

Sediment traps in McDowell Creek Cove will be utilized to better evaluate cumulative sediment deposition from the watershed.

In FY 07-08, Mecklenburg County will investigate the use of the CE-Qual2 reservoir model recently developed by Duke Power for Mountain Island Lake. This model includes a predictor for chlorophyll-a, among other things, and was designed for Mountain Island Lake. It may be helpful for predicting future impacts to the lake.

Quality Assurance / Quality Control

All data discussed above will be collected by Mecklenburg County Water Quality Program staff, with the exception of Flow and Rainfall data which is collected by the USGS. All sample and data collected by Mecklenburg County staff is collected in strict adherence to the following documents:

Charlotte-Mecklenburg Surface Water Quality Sampling Procedures Manual, 2005
Mecklenburg County Stream Bioassessment Operating Procedures, 2003
Mecklenburg County Stream Habitat Assessment Protocols, 2000
CMANN Policy and Procedure Manual, 2005
Mecklenburg County Water Quality Program QA/QC Data Tracking, 2006

Mecklenburg County holds the following permits associated with monitoring:

NC Division of Water Quality Laboratory Certification Program – 5235
This permit is associated with the collection of samples, field parameters and instrumentation.

NC Division of Water Quality Biological Certification Program – 036
This permit is associated with the collection and identification of benthic macroinvertebrates.

Reporting & Adaptive Management

Any exceedance of an Action Level by any parameter will be immediately reported to the supervisor who will assign the necessary follow up action to identify and eliminate the pollution source(s). In addition, at the end of each fiscal year, all monitoring data collected throughout the watershed will be reviewed and compiled into a yearly report. The report will summarize all data and indicate the program's current position as it relates to the watershed goals.

Adaptive management meetings will be held as needed and at least annually to discuss yearly reports, progress and goal status. Modifications will be made as necessary.

Conclusion

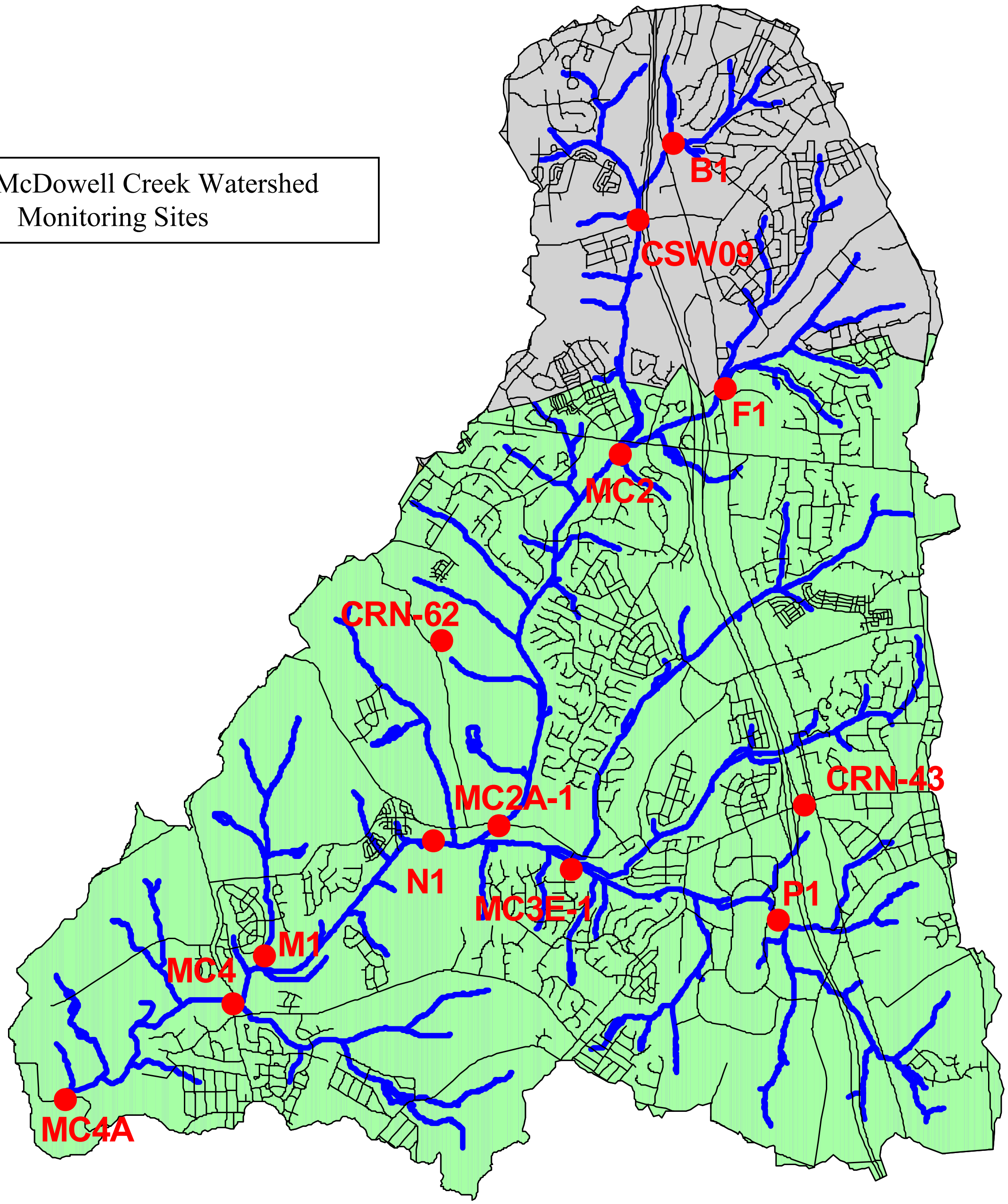
The McDowell Watershed Monitoring Plan is a key component in the implementation of the McDowell Watershed Management Plan. The management plan outlines specific in-stream water quality goals that must be measured accurately in order to gauge success. The monitoring plan uses a combination of physical, chemical and biological strategies to adequately assess the watershed. The monitoring plan is meant to be a living document and will be revised as needed when new information is obtained. At a minimum, the plan will be reviewed annually prior to the adoption of the new Water Quality Program Work Plan.

Table 9: McDowell Watershed Monitoring Sites

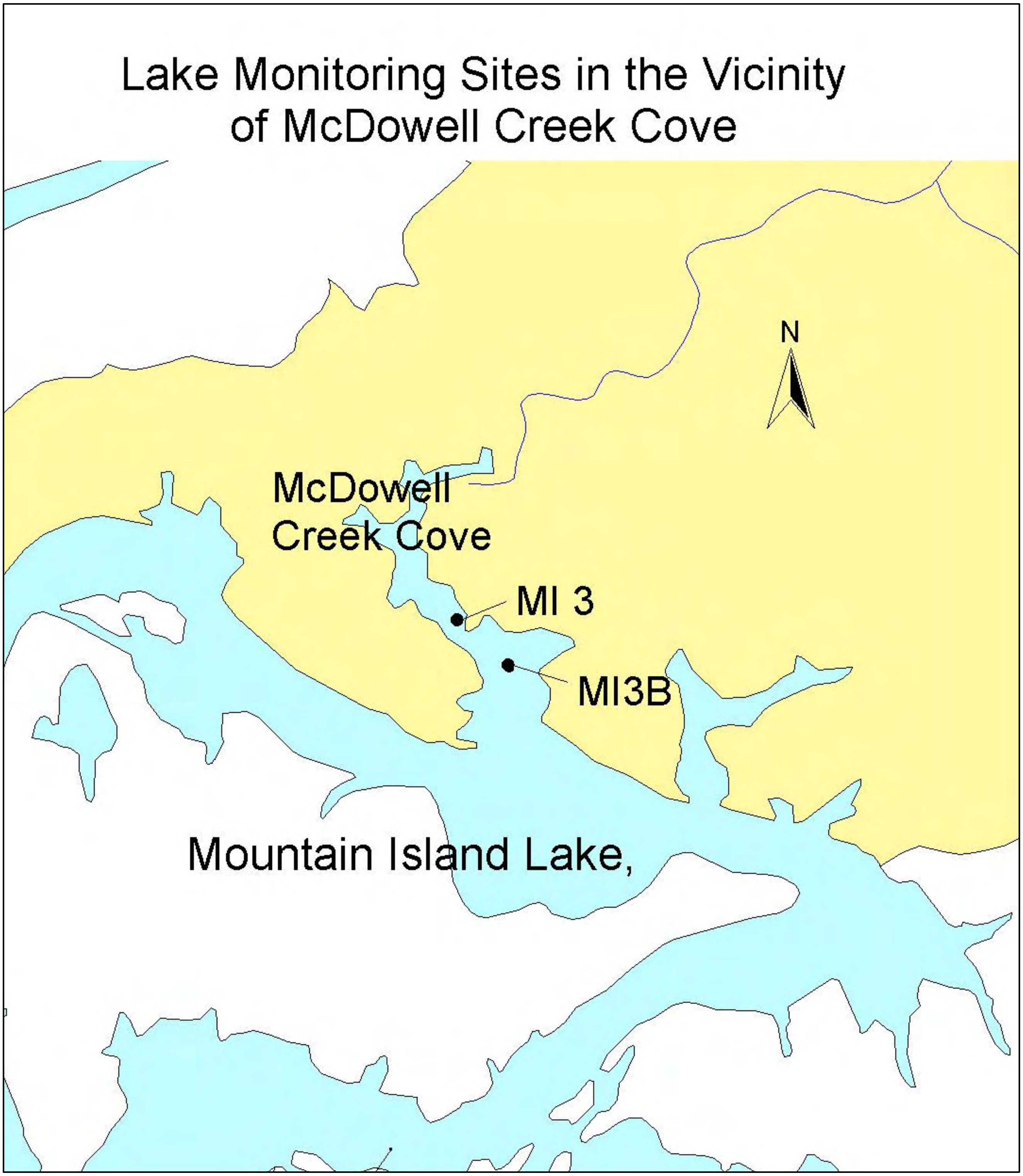
SITES	Flow	Rainfall	CMANN	TSS	Fixed Interval	Bacteria	Macroinvertebrate/ Fish/Habitat	Stream Morphology	Lake Monitoring
MC2	X (2)		X (2)	X (2)		X	X (1)		
MC2A-1	X		X (1)	X (1)		X	X		
MC3E-1 (1)	X (1)		X (1)	X (1)		X (1)	X (1)		
MC4	X	X	X	X (1)	X	X	X	X (1)	
MC4A						X			
CSW09		X							
CRN43		X							
CRN62		X							
M1								X (1)	
N1								X (1)	
B1								X (1)	
F1								X (1)	
P1								X (1)	
MC3			X (2)						X
MC3B									X

(1) Indicates new monitoring for 2006
(2) Indicates new proposed monitoring for 2007

Map 1. McDowell Creek Watershed Monitoring Sites



Map 2. McDowell Creek Watershed
Lake Monitoring Sites



Appendix B
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Appendix C
McDowell Creek Retrofit and Restoration Master Plan

The purpose of this BMP Master Plan for the McDowell Creek Watershed is to present retrofit and restoration opportunities throughout the watershed targeted at existing sources of pollution. Complete implementation of this plan is designed to remediate the existing sources of pollution resulting in removal of the watershed from the North Carolina State 303(d) list. This document, in combination with the stream assessment and prioritization portion of the McDowell Watershed Management Plan, will guide future restoration efforts within the Watershed. This document is intended to be modified and amended as new projects are created and current projects are completed. The basic structure of this document presents each focus area and, subsequently, each catchment within the focus area. Each BMP recommendation within the catchment is then documented. At the beginning of each section the 2 highest priority projects are listed and any existing projects are presented.

This BMP Master Plan was prepared through intensive windshield surveys of each of the focus areas. The focus areas were a result of the modeling exercise presented in the McDowell Creek Watershed Management Plan. The focus areas were the most polluted areas as predicted by the model.

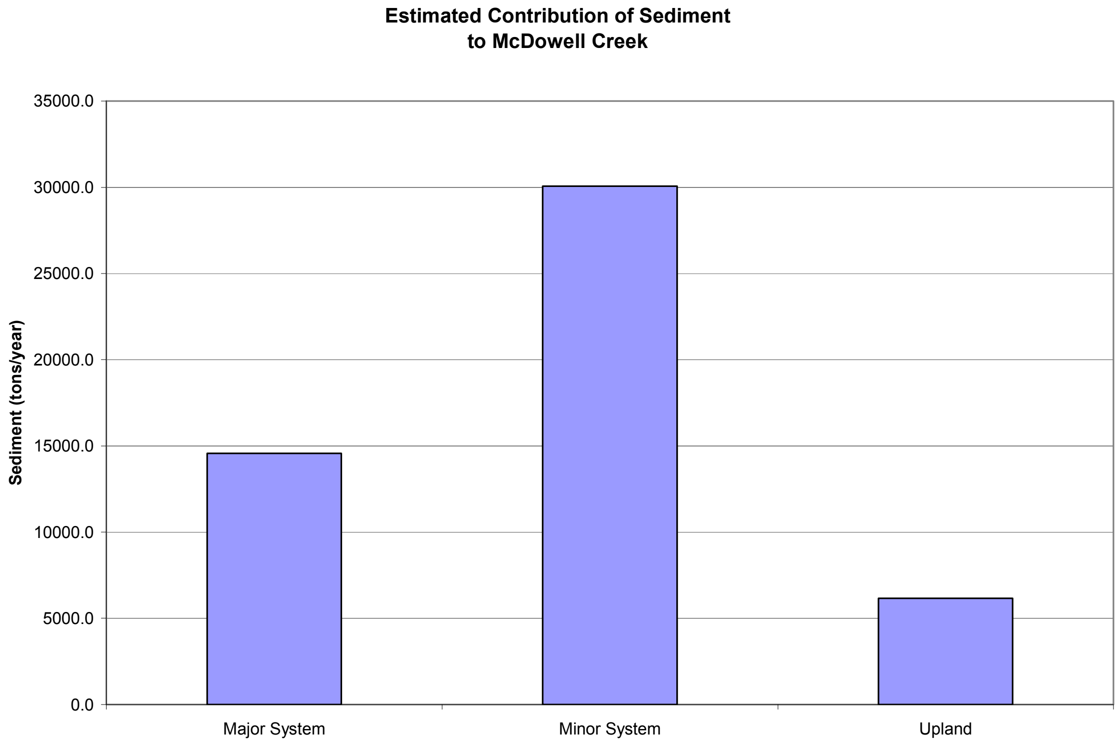
I. Load Comparison

The relative contribution of sediment to McDowell Creek was able to be estimated through evaluation of the results of the Buck Stream Assessment and the calculated upland load (presented in the McDowell Creek Watershed Management Plan). The following table presents the estimated annual sediment production by category:

System	Total Length (miles)	Estimated Annual Sediment Load (tons)	Percent Breakdown
Major Stream System	30.4	14568.7	29%
Minor Stream System	93.0	30060.0	59%
Upland	NA	6162.61	12%
Total		50791.3	100%

The following chart shows the relative contributions graphically:

The In-Stream Water Quality goal for TSS is 0.3 tons/acre/year. If this goal is multiplied by the area of the watershed (18,283 acres) the goal can be expressed as an overall annual load of 5485 tons. Comparison of this goal with the existing conditions presented above is presented in the following table:



Existing TSS Load in tons/year (from above)	50,791
In-Stream TSS Goal Expressed in tons/year	5,485
Load Reduction Required (tons)	45,306
Load Reduction Required in percent	89%

II. Cost Analysis

A detailed cost analysis comparing BMP installation, minor system stream enhancement and major system stream enhancement was prepared to guide budgetary and planning decisions. The analysis compared typical installation costs for various types of BMPs with rule of thumb estimates for stream restoration. The results were distilled down to cost per pound of sediment removed in order to compare stream restoration with BMP installation. Not included in the cost estimates was the cost of land or easement acquisition however, design and planning are included.

A. Stream Restoration

A cost of $300 per linear foot (LF) for stream restoration was used to estimate the overall stream restoration project cost. To estimate the amount of stream to be restored the results of the Buck investigation were used. Sediment loading per reach was obtained from the BEHI sediment load estimates and divided by the length of reach to obtain sediment loading per LF for both major and minor system. It was also assumed that upon restoration the sediment load from the stream bank would approach zero. These values were assumed to be typical of the entire McDowell Creek Watershed. The results of the evaluation are as follows:

System	Assessed Length (feet)	Assessed Sediment Load (tons)	Assessed Sediment Load (tons/LF)	Cost of Stream Restoration/LF	Cost per pound of sediment removed
Major	62811.6	5704.8	0.0908	$300	$1.65
Minor	93083.5	8458.0	0.0909	$300	$1.65

The resulting cost ($1.65/pound removed) is likely a very conservative estimate. Not all assessed reaches will require full stream restoration to eliminate bank erosion, which will reduce cost significantly (stream maintenance is estimated at $50/LF). Surprisingly, the calculated assed sediment load per LF was almost identical for both the major and minor system. This may be an indicator of very similar levels of degradation in both systems.

B. BMP Retrofits

In order to estimate the relative cost/benefit of BMP retrofits several typical BMPs were analyzed along with several typical land uses in the McDowell Creek Watershed. For the analysis, commercial, high density residential, medium density residential and institutional land-uses were analyzed. BMP cost per acre of land treated and TSS removal efficiencies were obtained from research prepared for Mecklenburg County's Post Construction process. Sediment loading per acre of land-use values were obtained from Tetra Tech reports prepared for the Post Construction Ordinance Process. The results of the analysis are as follows:

BMP Type	Cost/ac Treated	TSS Removal Efficency	Average $/lb TSS removed
Sand Filter	$20,000	85%	$24.43
Wet Pond	$22,000	65%	$35.15
Wetland	$31,500	65%	$50.33
Rain Garden	$16,000	85%	$19.55
Extended Detention	$31,500	47%	$69.60
WQ Swale	$3,000	80%	$3.89
Filter Strip	$3,000	50%	$6.23
Pond Retrofit	$6,700	35%	$19.88

C. Conclusions of the Cost/Benefit Analysis

From the aforementioned analysis it is evident that stream restoration is the most cost effective method of removing sediment from the McDowell. It is more than 2 times cheaper to remove a pound of sediment through stream restoration than from the most cost effective BMP (WQ Swale), which may not be appropriate in many situations. Stream restoration appears to be the most expedient method of removing sediment from McDowell Creek, however BMPs will continue to play a role in attenuating temperature and removing hydrocarbons from built upon areas.

III. Approach

Review of Sections I and II of this document reveal that stream restoration is the most cost effective means of controlling sediment in the McDowell Creek Watershed. Moreover, unstable reaches also appear to be the largest source of sediment in the watershed (almost 90%). Therefore, reduction of TSS load in the McDowell Creek Watershed will focus upon stream restoration and enhancement. However, sediment is not the only reason for the impaired macroinvertebrate population in the watershed. Habitat, water temperature and toxic pollutants (such as hydrocarbons) are also likely causes of the impairment. For this reason, BMP retrofits listed in subsequent sections will focus upon reducing runoff and stream temperature and sources of toxic pollutants. This will be accomplished as follows:

1. Conduct stream restoration and enhancement in the major and minor systems.
2. Retrofit currently untreated concentrations of impervious cover with BMPs designed to reduce temperature and toxic pollutants. BMP type will be determined on a site by site basis with the purpose of the device being to attenuate first flush temperature and hydrocarbon runoff. Because the BMPs are focused on the first flush of runoff, they only need to be designed to treat 0.25 inches of rainfall and not the 1 inch of rainfall currently specified in design manuals.
3. Reforest buffers as needed to attenuate temperature spikes through providing additional shade for the stream corridor. An ancillary and unaccounted for benefit from buffer restoration may be further reduction of sediment load from the near stream environment.
4. Design stream restoration and enhancements to focus upon improving habitat in addition to limiting sediment load.
5. When possible and cost effective, retrofit existing ponds to provide additional TSS removal and, if possible, temperature attenuation. Each project should be evaluated prior to design for the possible improvements in TSS loading, runoff volume and velocity and temperature.

IV. Stream Restoration

Stream reaches assessed by Buck within the McDowell Creek watershed were prioritized based on need and feasibility for restoration using the data matrix. Using the SWIM buffer GIS layer, assessed reaches were coded by drainage system type so minor system and major system reaches could be prioritized independently. Reaches coinciding with a SWIM buffer width of 100 feet were coded as major system reaches and all other reaches were considered to be part of the minor system.

The need for restoration alone was represented by the total score from the data matrix (channel evaluation sheet) with lower scores signifying a higher need. However, such a ranking scheme completely neglected a feasibility component. Therefore, feasibility levels from the data matrix were assigned weights (Table below) which were multiplied by the data matrix total score per reach to arrive at a prioritized list of reaches incorporating both the feasibility component with the need for restoration. Once again, lower scores signify a higher priority. This methodology generally enabled reaches having a higher cost/benefit ratio to be promoted to higher priorities ahead of reaches where vast improvements are hindered by constraints and constructability issues.

Feasibility Weights per Level

Feasibility Level	Weight
Minimal Constraints	0.50
Moderate Constraints	0.75
Significant Constraints	1.00

After carefully reviewing the results of prioritized reaches from the major and minor systems, at least five reaches were selected from each system that represent the most viable projects in terms of restoration implementation based on our best professional judgment. Results from the prioritization of major and minor system reaches are presented in Table 1.1 and 1.2 respectively. Highlighted reaches indicate those that Buck has recommended as the highest priority. Description of each column header in the subsequent tables is as follows:

RANK (NEED & FEASIBILITY): Describes the priority of the project (or reach). Complete description can be found above.

REACH: Corresponds to the Buck reach nomenclature found in the McDowell Creek Watershed Management Plan

RECOMMENDATION: Corresponds to the type of activity need for the reach. A detailed description of each activity can be found in Section 5.2 of the McDowell Creek Watershed Management Plan.

FEASIBILITY: Described above.

ASSESSED LENGTH: Stream Length of particular reach.

RANK: Described above.

BASIN: Corresponds to the Buck sub-basin nomenclature described in the McDowell Creek Watershed Management Plan.

SEDIMENT LOAD REMOVED: Describes the anticipated annual sediment load in tons that will be removed from McDowell Creek after completion of the project.

APPROXIMATE COST: Project cost estimate associated with either maintenance or restoration of the stream reach. Wetland restoration costs, where noted, are assumed to be incidental and included in the cost of stream restoration or maintenance. Rates for stream maintenance and restoration are as follows:

Enhancement I = $150/linear foot

Enhancement II = $50/linear foot

Restoration = $300/linear foot

Property owners for each of the reaches listed below are included with this document as Attachment 1.

Major System Stream Restoration Prioritization List

RANK (NEED & FEASIBILITY)	REACH	RECOMMENDATION	FEASIBILITY	ASSESSED LENGTH (ft)	RANK (NEED)	BASIN	Sediment Load Removed (tons/year)	Approximate Cost
1	B1a	Enhancement I	Minimal	433	5	B	54.7	$64,950
2	P14b	Restoration	Minimal	2,137	7	P	2.73	$641,100
3	I4a_I5a	Restoration	Minimal	1,132	8	I	115.7	$339,600
4	O47a	Restoration	Minimal	7,395	9	O	371.1	$2,218,500
5	P14a	Restoration	Minimal	1,663	11	P	97.73	$498,900
6	I7a	Restoration - Wetland Enhancement	Minimal	680	12	I	53.9	$204,000
7	K7a	Restoration	Moderate	2,795	2	K	240.07	$838,500
8	M3c	Enhancement II	Minimal	1,710	18	M	110.7	$85,500
9	O44	Enhancement II	Minimal	1,228	19	O	55.1	$61,400
10	K7d	Restoration	Moderate	1,171	3	K	100.7	$351,300
11	U28a	Restoration	Moderate	2,017	4	U	132.1	$605,100
12	B7a	Restoration	Significant	2,101	1	B	84.6	$630,300
13	N29a	Restoration	Moderate	8,843	10	N	905.5	$2,652,900
14	K7b	Restoration	Moderate	2,122	13	K	109.97	$636,600
15	P13a	Restoration	Moderate	1,373	14	P	90.3	$411,900
16	F30a	Enhancement I	Moderate	4,150	15	F	167.92	$622,500
17	K7c	Restoration	Moderate	1,688	16	K	45.56	$506,400
18	U14	Restoration	Moderate	1,955	17	U	147.3	$586,500
19	E18a	Enhancement II	Significant	4,766	6	E	247.58	$238,300
20	F13a	Restoration upstream / Enhancement II downstream	Moderate	2,521	20	F	83.98	$756,300

Minor System Stream Prioritization List

RANK (NEED & FEASIBILITY)	REACH	RECOMMENDATION	FEASIBILITY	ASSESSED LENGTH (ft)	RANK (NEED)	BASIN	Sediment Load Removed (tons/year)	Approximate Cost
1	I3a	Restoration	Minimal	1,200	1	I	115.3	$360,000
2	M1	Restoration / Fence out cattle	Minimal	1,430	10	M	153	$429,000
3	N13d	Restoration	Minimal	654	13	N	32	$196,200
4	I11a	Restoration	Minimal	844	14	I	62.1	$253,200
5	M8b	Restoration / Fence out cattle	Minimal	1,006	16	M	162.8	$301,800
6	B18a_B19a	Enhancement II	Minimal	603	18	B	48.6	$30,150
7	E15a	Restoration	Minimal	2,655	30	E	110.48	$796,500
8	P15b	Restoration	Minimal	707	31	P	707.6	$212,100
9	B21a	Enhancement II	Minimal	1,020	35	B	92	$51,000
10	B11a	Restoration	Minimal	680	37	B	64.3	$204,000
11	P17a	Restoration	Minimal	1,196	38	P	83.11	$358,800
12	M9	Enhancement II	Minimal	2,029	41	M	142.7	$101,450
13	N13b	Restoration	Minimal	577	46	N	10.1	$173,100
14	A8a	Enhancement II	Minimal	820	48	A	14.46	$41,000
15	U10	Restoration	Minimal	1,196	51	U	72.4	$358,800
16	M6	Restoration / Fence out cattle	Moderate	1,617	5	M	117.3	$485,100
17	A5b	Enhancement II	Minimal	844	52	A	46.42	$42,200
18	B9b_B10a	Enhancement II	Minimal	1,034	55	B	95.3	$51,700
19	A13b_A16a	Bank Stabilization	Minimal	348	56	A	21.22	

RANK (NEED & FEASIBILITY)	REACH	RECOMMENDATION	FEASIBILITY	ASSESSED LENGTH (ft)	RANK (NEED)	BASIN	Sediment Load Removed (tons/year)	Approximate Cost
20	P23a	Enhancement II / Improvement to culverts at sanitary sewer crossings to accommodate bankfull flows and sediment transport	Minimal	1,800	57	P	36.26	$90,000
21	B13a	Restoration	Moderate	1,293	9	B	92.1	$387,900
22	U8b	Enhancement II	Minimal	722	61	U	50.2	$36,100
23	A21a	Restoration	Moderate	2,296	11	A	194.06	$688,800
24	F11b	Enhancement I	Moderate	2,001	12	F	109.11	
25	A5a_A18a	Enhancement II	Significant	1,720	2	A	137.24	$86,000
26	U17a	Restoration	Moderate	1,206	17	U	81.8	$361,800
27	U20	Enhancement II	Minimal	225	65	U	11.8	$11,250
28	F8a	Buffer Enhancement	Minimal	4,198	66	F	135.39	
29	F28b	Enhancement I	Significant	2,208	3	F	120.27	$331,200
30	B8a	Enhancement I	Moderate	1,604	19	B	226.2	$240,600
31	L3a	Bank Stabilization upstream of Statesville Rd. / Restoration downstream	Moderate	2,220	20	L	145.8	
32	A13a	Enhancement II	Minimal	807	67	A	21.2	$40,350
33	F5a	Enhancement I	Moderate	3,920	22	F	119.74	
34	B6a	Restoration	Moderate	1,332	23	B	157.3	$399,600
35	N13c	Enhancement II	Moderate	431	24	N	7.9	$21,550
36	B2a	Enhancement II	Significant	407	4	B	43.9	$20,350

RANK (NEED & FEASIBILITY)	REACH	RECOMMENDATION	FEASIBILITY	ASSESSED LENGTH (ft)	RANK (NEED)	BASIN	Sediment Load Removed (tons/year)	Approximate Cost
37	I6a	Enhancement I	Moderate	2,548	25	I	237.6	$382,200
38	M8a	Enhancement I	Moderate	1,072	26	M	151	$160,800
39	U9a	Removal of large CMPs deposited in the channel	Moderate	691	28	U	40.4	
40	B17a	Enhancement II	Moderate	581	29	B	40.4	$29,050
41	A1b	Buffer Enhancement	Moderate	465	33	A	6.92	$23,250
42	N8a	Restoration	Moderate	1,317	34	N	72.4	$395,100
43	B5a_B9a	Enhancement II	Moderate	1,479	36	B	110.4	$73,950
44	N13a	Enhancement II	Minimal	648	69	N	31.2	$32,400
45	M4_M3a	Restoration	Moderate	769	39	M	112.9	$230,700
46	L2a	Enhancement I	Significant	1,322	6	L	34.07	$198,300
47	O30b	Enhancement II	Moderate	886	43	O	21.6	$44,300
48	P18a	Restoration	Significant	2,948	7	P	254.45	$884,400
49	M12	Restoration	Moderate	1,177	44	M	181	$353,100
50	O30c	Enhancement I	Significant	2,643	8	O	143.55	$396,450
51	B14a	Restoration	Moderate	474	45	B	13.7	$142,200
52	U15	Enhancement I	Moderate	490	47	U	60.4	$73,500
53	L7a	Restoration upstream of Sherwood Drive / Improvement to Sherwood Drive culvert / Bank Stabilization downstream of Sherwood Drive	Significant	1,369	15	L	52.16	$410,700
54	B14b	Restoration	Moderate	1,479	50	B	156.9	$443,700
55	U29a	Enhancement II	Moderate	1,443	53	U	166.7	$72,150

RANK (NEED & FEASIBILITY)	REACH	RECOMMENDATION	FEASIBILITY	ASSESSED LENGTH (ft)	RANK (NEED)	BASIN	Sediment Load Removed (tons/year)	Approximate Cost
56	U9b	Enhancement I	Moderate	1,097	54	U	125.3	$164,550
57	P15a	Enhancement II	Significant	1,357	21	P	47.9	$67,850
58	U3	Enhancement I	Moderate	1,639	58	U	74.7	$245,850
59	F11a	Enhancement II	Moderate	1,908	59	F	55.38	$95,400
60	M3b	Enhancement II	Moderate	1,513	62	M	150.6	$75,650
61	U5b	Enhancement I	Moderate	1,477	63	U	184.7	$221,550
62	L5a	Enhancement I upstream / Restoration downstream	Significant	3,004	27	L	251.83	$450,600
63	U6	Enhancement I	Moderate	2,085	64	U	202	$312,750
64	A20a	Bank Stabilization	Significant	2,232	32	A	135.58	$111,600
65	E8a	Enhancement II	Significant	1,864	40	E	6.81	$93,200
66	U16a	Restoration	Moderate	1,730	68	U	126	$519,000
67	I9a	Enhancement I	Significant	1,090	42	I	55.7	$163,500
68	F28a	Enhancement II	Significant	2,434	49	F	72.09	$121,700
69	U5a	Buffer Enhancement	Significant	538	60	U	29.5	$26,900

V. BMP Retrofits

Preparation of the Focus Area 1 portion of the McDowell Retrofit and Restoration plan has been delayed until an accurate accounting of all existing BMPs in the focus area. This is scheduled to be completed by June 30, 2007.

A. Focus Area 2

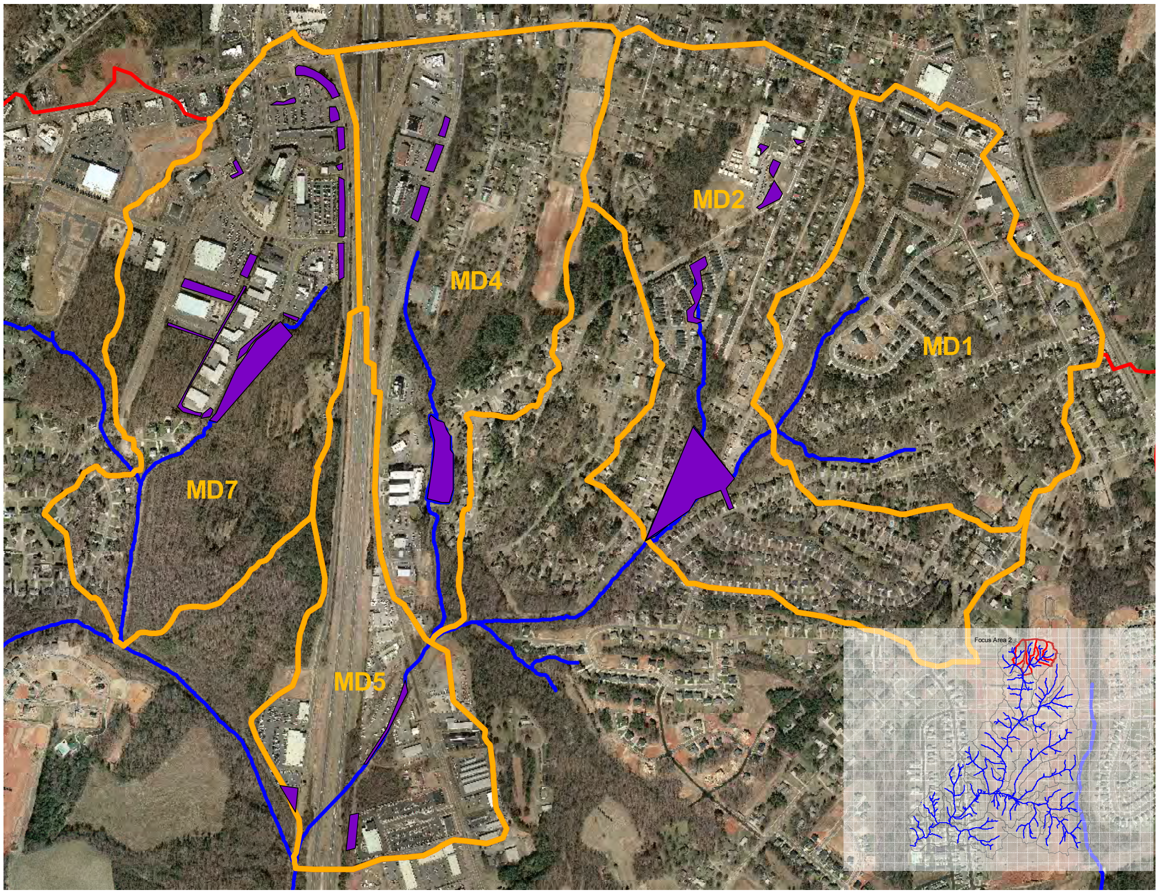
Priorities for Focus Area 2 centered around retrofitting existing impervious area not currently treated by BMPs. BMPs proposed are to be designed to mitigate temperature impacts to the stream as well as chronic pollutants and sediment. At a minimum, BMPs should be designed to treat the "first flush" and safely bypass larger flows.

Priority and Existing Projects in Focus Area 2:

Priority 1 Project: Willow Pond at Lake Norman
Parcel # 005-17-178

Priority 2 Project: Silicon Drive Partners LLC and Beacon Partners LLC
Parcel # 005-27-302

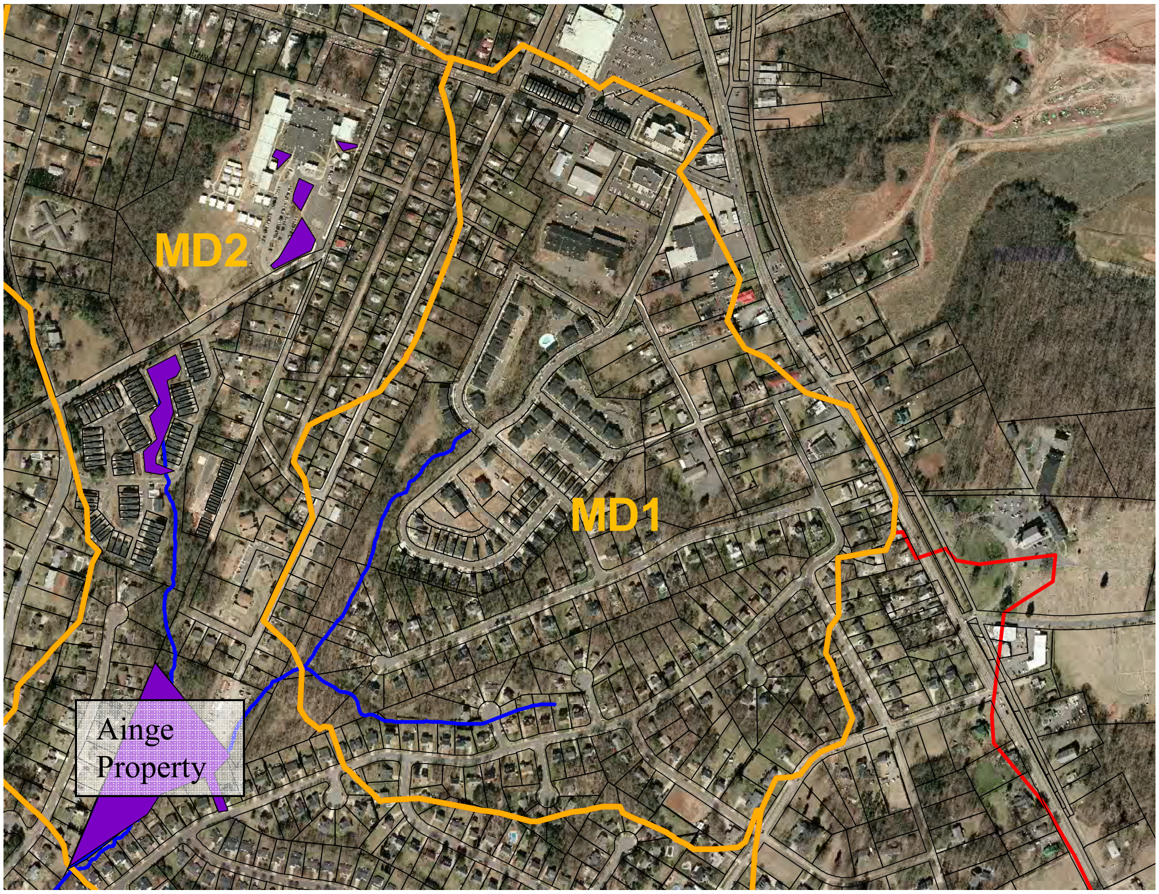
Existing Project: Ange Project



Focus Area 1

1. Catchment MD1

Catchment MD1 is located in the Town of Cornelius. It is comprised of older single family residential, multifamily residential and some commercial land use. The Ange project, which is just downstream of the catchment, will be designed to treat the runoff from catchment MD1.



Catchment MD1, Focus Area2

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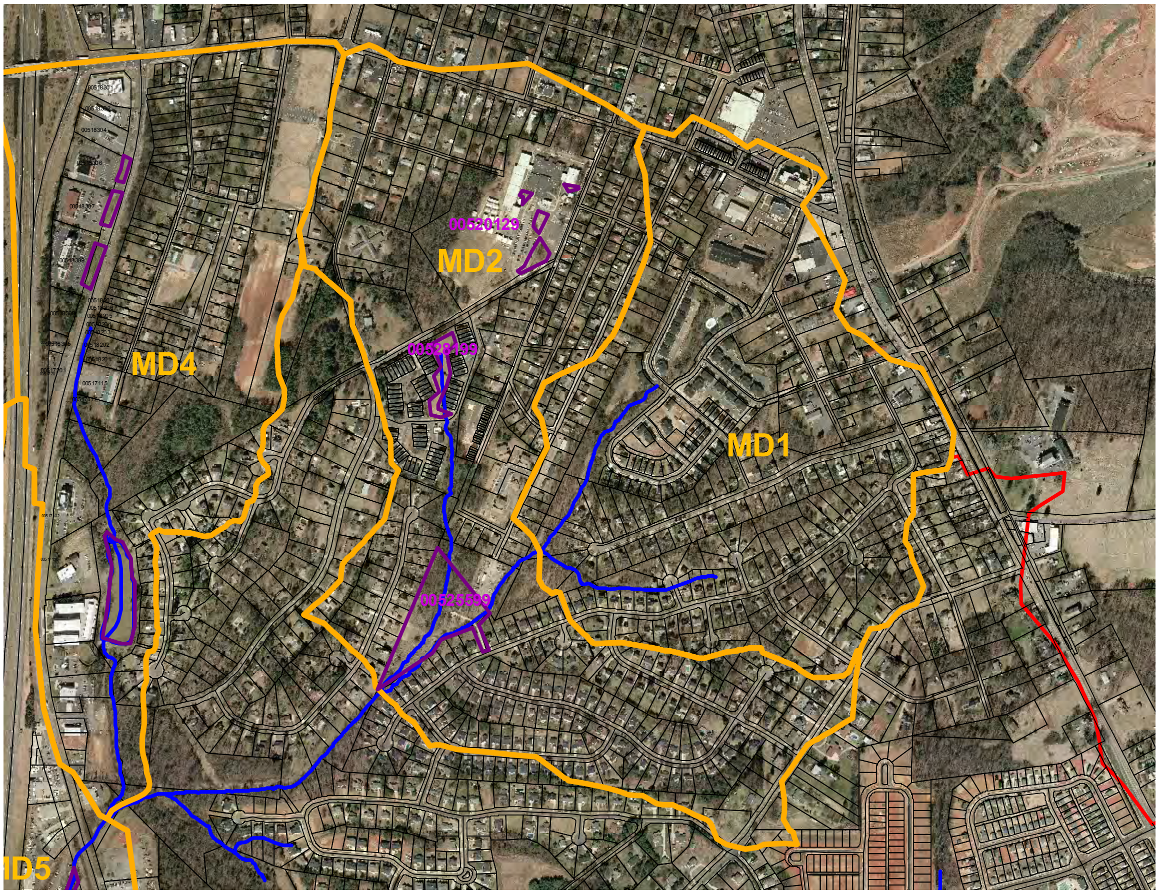
2. Catchment MD2



Catchment MD2, Focus Area 2

Parcel: 005-20-129
Owner: Charlotte/Mecklenburg Board of Education
Description: Site excellent candidate for treating surface and downspout drainage via rain-gardens and grass swales. Several open/grassed areas that can be converted to WQ treatment devices directly adjacent to buildings and parking lots.
Cost: $128,000
Priority: Medium

Parcel: 005-25-599
Owner: Mecklenburg County
Description: Ainge project site. This project is essential for treating both catchments MD1 and MD2 effectively. Conceptual designs prepared by Mecklenburg County indicate proposed storm water wetlands will be capable of achieving necessary pollutant removal from runoff from upstream areas. Project site is also ideally situated for stream restoration.
Cost: Grant obtained Fall, 2006; David Woodie – Project Manager
Priority: High

3. Catchment MD4

Catchment MD4 drains south from Catawba avenue and contains a portion of I-77 in its drainage area. The catchment also contains a portion of Statesville Road and built-up areas at I-77 and Statesville road. The catchment is primarily residential with some commercial/retail along Statesville Road. Critical retrofit elements in this watershed include water quality grass swales in the DOT ROW along Statesville Road and enhancement of an existing on-line pond.

Catchment MD4, Focus Area 2

Parcel:	005-18-306
Owner:	Amend DMC Properties, Inc.
Description:	Commercial site draining to Statesville Road. Excellent opportunity for enhanced grass swale in DOT ROW along Statesville Road. The area in the ROW should be evaluated for treatment of upstream parcels as well. A more intensive evaluation of the immediate upstream areas is required to properly determine the size of device.
Priority:	Medium
Cost:	$32,000

Parcel:	005-18-307
Owner:	Amend DMC Properties, Inc.

Description: Commercial site draining to Statesville Road. Excellent opportunity for enhanced grass swale in DOT ROW along Statesville Road.
Priority: Medium
Cost: $32,000

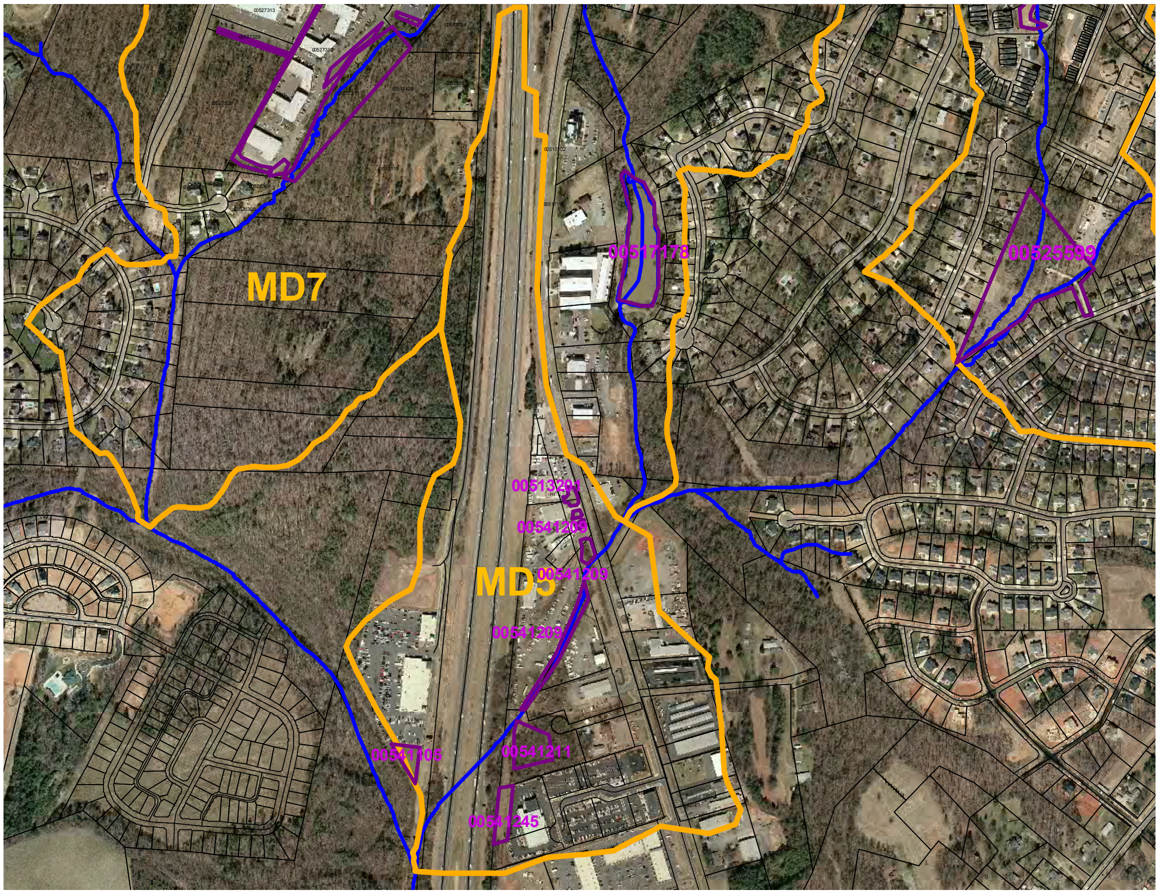
Parcel: 005-18-309
Owner: Lake Norman Hotel, Inc.
Description: Commercial site draining to Statesville Road. Excellent opportunity for enhanced grass swale or rain garden in DOT ROW along Statesville Road.
Priority: Medium
Cost: $6,000

Parcel: 005-18-302
Owner: ABC Board of Mecklenburg County
Description: Commercial site draining to Statesville Road. Excellent opportunity for enhanced grass swale or rain garden in DOT ROW and ABC property along Statesville Road.
Priority: Medium
Cost: $6,000

Parcel: 005-17-178
Owner: Willow Pond at Lake Norman Homeowners Association
Description: **PRIORITY 1 PROJECT.** On-line pond. This pond is essential to overall strategy for Catchment MD4. Upstream of pond is a possible natural wetland area (may be a result of pond construction), downstream spillway is undercut and maintenance of downstream corridor has been heavily rip-rapped in the past. This may be an indication of severe in-stream erosion. Pond does not appear to have any detention component as outlet structure is simply a spill way. Pond does not currently have any specific water quality benefit and appears to be an excellent opportunity for pond enhancement to include a water quality and detention component.
Priority: Medium
Cost: $500,000

4. Catchment MD5

Catchment MD5 drain a portion of I-77 near Catawba Avenue in Cornelius as well as a portion of Statesville Road in Cornelius. The catchment is dominated by I-77 and commercial property along I-77. The catchment is highly impervious and apart from the grass swales along I-77 no water quality treatment is present. Runoff entering the catchment from other areas will be treated by upstream BMPs, therefore, treatment in this catchment can be focused upon local sources.



Catchment MD5, Focus Area 2

Parcel: 005-13-201
Owner: William and Sara Talley
Description: Commercial site draining to Statesville Road. Excellent opportunity for enhanced grass swale or rain garden in DOT ROW along Statesville Road.
Priority: Medium
Cost: $6,000

Parcel: 005-41-209
Owner: Lakeside Automotive, Inc
Description: Commercial site draining to Statesville Road. Excellent opportunity for enhanced grass swale or rain garden in DOT ROW along Statesville Road. Site also drains South to McDowell Creek directly. There is minimal buffer on the site. Linear treatment, such as a rain garden or WQ swale is critical to overall Catchment health.
Priority: Medium
Cost: $18,000

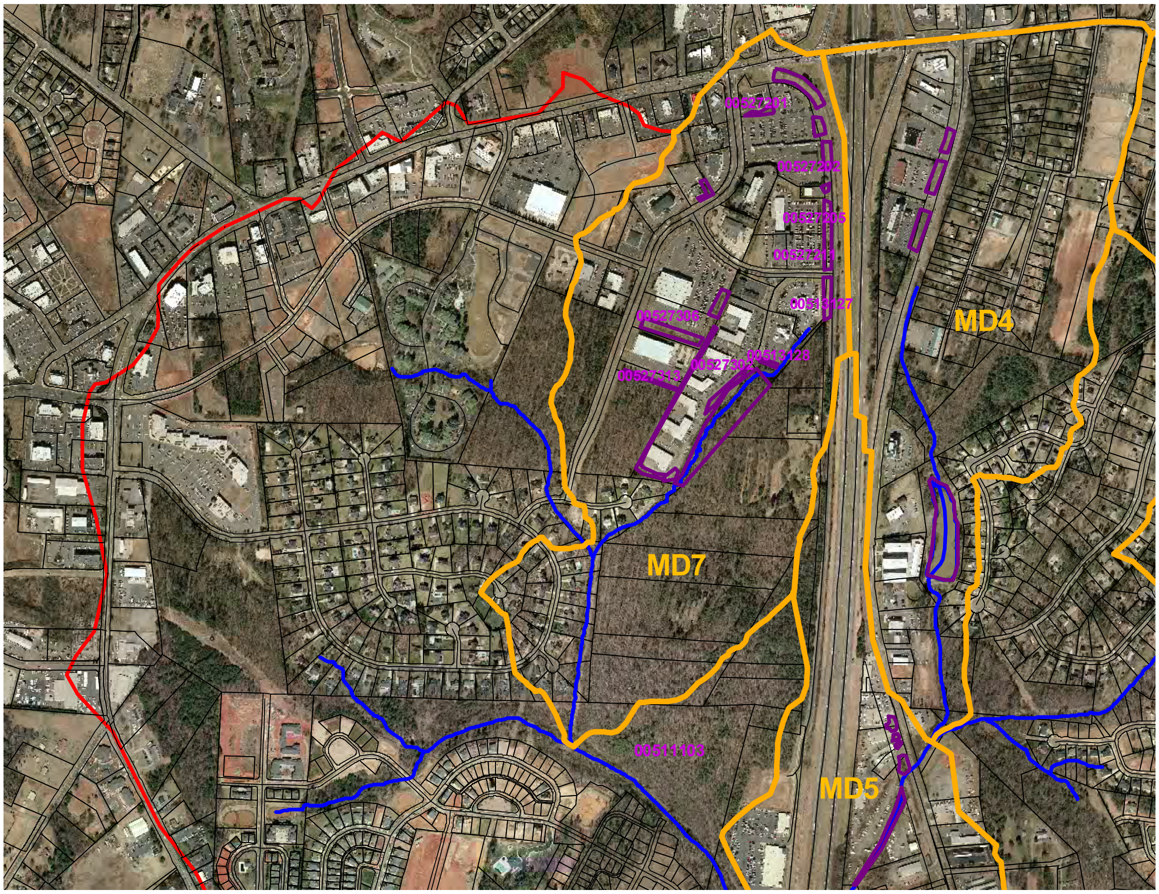
Parcel: 005-41-238
Owner: Thomas Archer and Martha Cashion

Description: Commercial site draining to Statesville Road and directly to McDowell Creek. Potential opportunity to treat on site runoff with rain garden or water quality swale.
Priority: Medium
Cost: $18,000

Parcel: 005-41-245
Owner: MNLN LLC
Description: Commercial site draining to I-77 ROW. Opportunity for installation of rain garden at back corner of property.
Priority: Low
Cost: $16,000

5. Catchment MD7

Catchment MD7 drains the portion of the Town of Cornelius West of I-77 and South of Catawba Avenue. The catchment is typified by intensive commercial and some light industrial development. This development nearly 100% impervious and opportunity for retrofitting this watershed is largely situated in the DOT ROW along I-77 service road on the West side of I-77. The undeveloped portion of the watershed is largely undergoing active development and these parcels will be treated by BMPs. There are BMPs on two of the developed parcels, however, enhancement and/or maintenance of these devices should be a priority. Moreover, the storm water infrastructure in this catchment needs to be accurately mapped. Particularly, the piped infrastructure along Liverpool Parkway needs to be accurately documented (drop inlets, pipes, outfalls and surface swales). After the infrastructure is properly documented, there may be additional BMPs requirements to treat runoff from Liverpool Parkway.



Catchment MD7, Focus Area 2

Parcel: 005-27-201
Owner: BB&T
Description: Commercial site draining to drop inlet in center of property. Good opportunity for rain garden at drop inlet.
Priority: Medium
Cost: $16,000

Parcel: 005-27-202
Owner: South Central Oil Company, Inc.
Description: Commercial/retail/strip mall site. Front parking lot drains to grassed swale at North-west corner of property. Excellent opportunity for rain garden and/or water quality grassed swale in parking lot and DOT ROW. Back side of strip mall is all impervious with no opportunity for retrofit. Treatment of these areas will have to occur downstream.
Priority: Medium
Cost: $16,000

Parcel: 005-27-206

Owner: Mecklenburg County – EMS Station
Description: Commercial site draining to I-77 service road. Excellent opportunity for small rain garden at front of property, which would also treat some of the back side of 005-27-202.
Priority: Medium
Cost: $3,000

Parcel: 005-27-205
Owner: TT of Cornelius Automotive Management Services Inc.
Description: Highly impervious car dealership. Excellent opportunity for enhanced grass swale or rain garden in DOT ROW along I-77 Service Road.
Priority: Medium
Cost: $48,000

Parcel: 005-27-211
Owner: TT of Cornelius Automotive Management Services Inc.
Description: Highly impervious car dealership. Excellent opportunity for enhanced grass swale or rain garden in DOT ROW along I-77 Service Road.
Priority: Medium
Cost: $48,000

Parcel: 005-13-127
Owner: TT of Cornelius Automotive Management Services Inc.
Description: Highly impervious car dealership. Excellent opportunity for enhanced grass swale or rain garden in DOT ROW along I-77 Service Road.

Parcel: 005-13-128
Owner: Geehoon Investment LLC
Description: Highly impervious restaurant site. Good opportunity at this site for rain garden along southern property line.
Priority: Medium
Cost: $32,000

Parcel: 005-27-302
Owner: Silicon Drive Partners LLC and Beacon Partners LLC
Description: **PRIORITY 2 PROJECT.** Highly impervious office/light industrial site (Lake Norman Commerce Center). Excellent opportunity for rain gardens at this site. Existing dry detention appears to be failing, heavily eroded on down stream side of spillway. All drainage is to perimeter of parcel thru curb cuts and drop inlets with short pipe sections to drainage swale. Drainage swale could easily be converted to a water quality swale. This is a high priority site.

Priority: High
Cost: $148,800

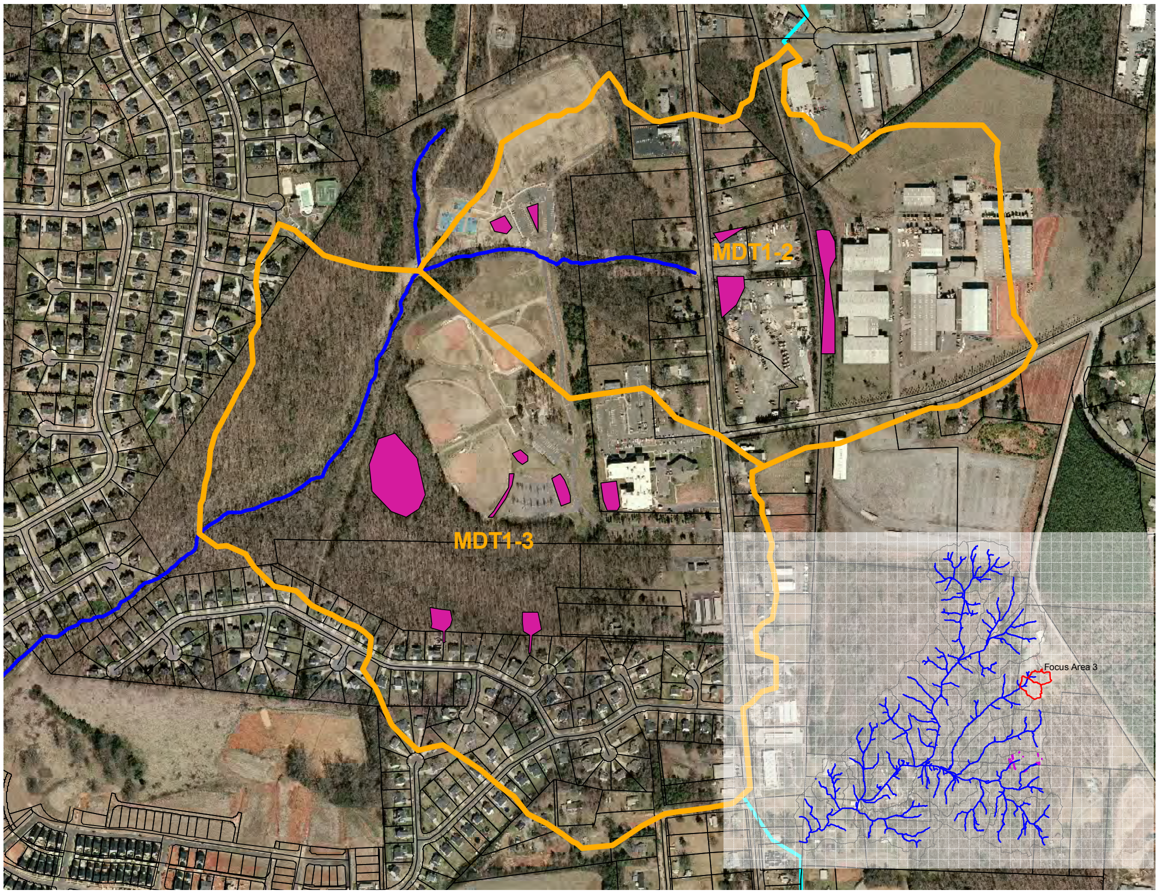
Parcel: 005-27-313
Owner: MW Ark LLC
Description: Highly impervious automotive repair shop (NASCAR shop?). Good opportunity for linear BMP at downstream end of parking lot. Water quality swale or linear rain garden are the best option. Northwest corner of site is currently under construction. This area of the site should be evaluated for rain garden when construction is completed.
Priority: Medium
Cost: $6,000

Parcel: 005-27-107
Owner: Karpenisi Associates LLC
Description: Highly impervious restaurant site. Grass swale at front of property should be converted to rain garden or water quality swale. Opportunity exists to treat some of upstream drainage.
Priority: Medium
Cost: $6700

B. Focus Area 3

Focus Area 3 is located within Huntersville's jurisdiction and is roughly split by Old Statesville Road. The land use within the focus area contains industrial, commercial, institutional (park and church properties) and single family residential. Fortunately, there is a great deal of public property in the watershed downstream of the highly developed properties.

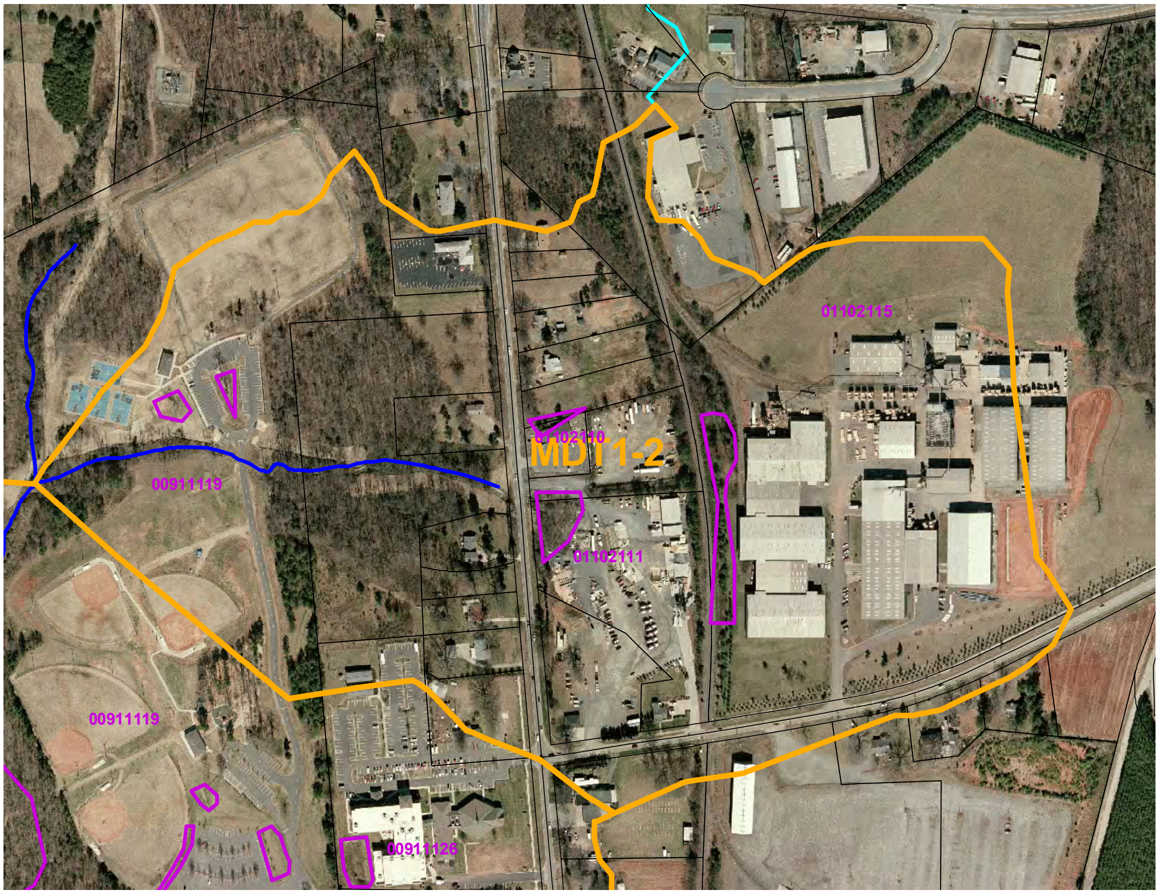
Priority 1 Project: Mecklenburg County Park Property
Parcel # 009-11-119



Focus Area 3

1. Catchment MDT1-2

Catchment MDT1-2 is dominated by industrial land uses. There appears to be space within most of the industrial parcels to treat runoff at the source, however, downstream from them is park property, which may be able to be used to locate a semi-regional BMP.



Catchment MDT1-2, Focus Area 3

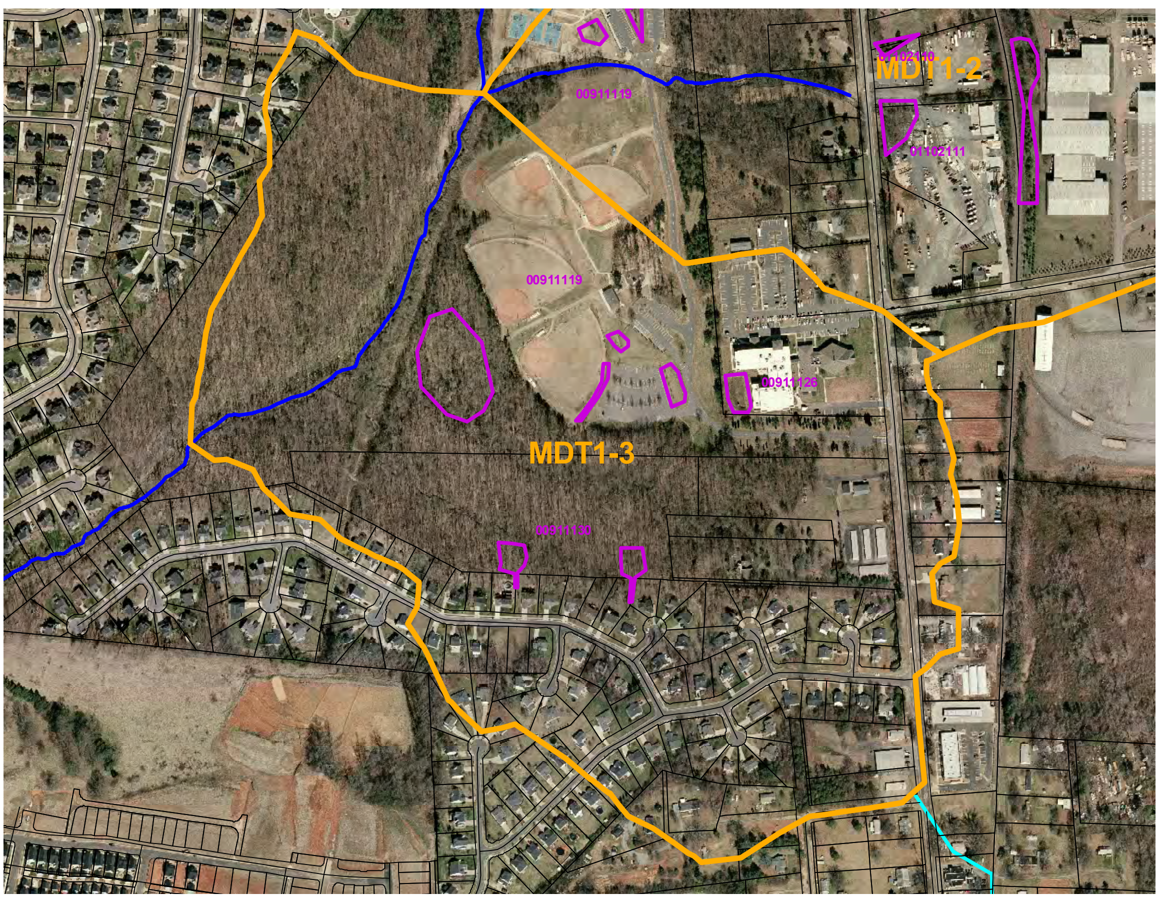
Parcel:	011-02-115
Owner:	Huntersville Hardwoods, Inc.
Description:	Large industrial site. Entire site drains to the railroad spur on the Western edge of the property. Good opportunity for the installation of water quality swale and rain garden or pocket wetland. Treatment of the runoff from this site and the downstream concrete site are critical to the restoration of this catchment.
Priority:	Medium
Cost:	$54,000

Parcel:	011-02-111
Owner:	CCC Building Supply LLC
Description:	Highly impervious concrete mixing facility. BMP location at downstream edge of property appears feasible. Pocket wetland would be the best solution in this situation.
Priority:	High
Cost:	$33,500

Parcel: 009-11-119
Owner: Mecklenburg County
Description: **PRIORITY 1 PROJECT.** Park. Excellent opportunity to treat runoff from Parking lots at the source with the installation of rain gardens. Moreover, the park site may be suitable for the installation of a semi-regional BMP to treat the runoff from the upstream industrial sites.
Priority: High
Cost: $40,000

2. Catchment MDT1-3

Catchment MDT1-3 is comprised primarily of institutional and residential land uses. The main water quality concern for this catchment is the runoff from the residential areas and the runoff from the church site along with runoff from the impervious areas of the park. Much of the watershed is in public ownership, which provides a great deal of flexibility in treating the runoff.



Catchment MDT1-3, Focus Area 3

Parcel: 009-11-119

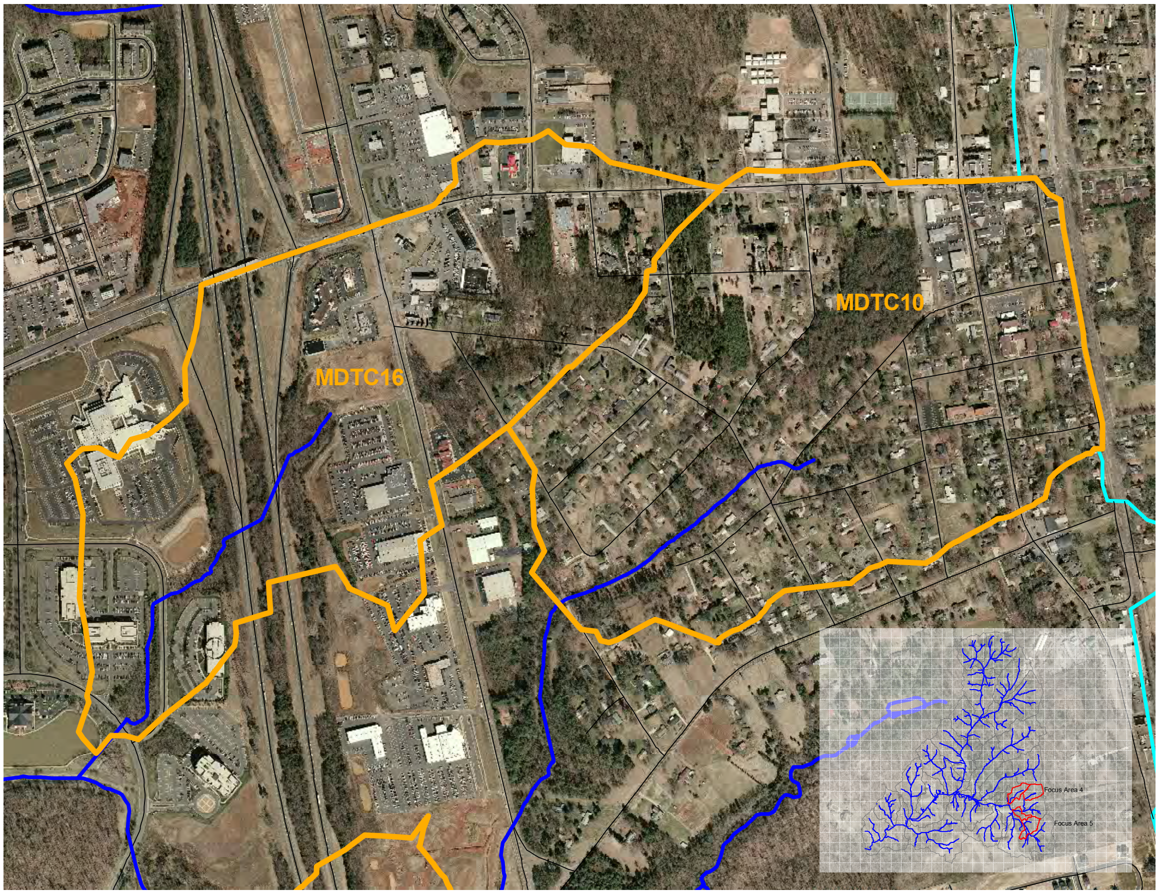
Owner:	Mecklenburg County
Description:	**PRIORITY 1 PROJECT.** Park. Excellent opportunity to treat runoff from Parking lots at the source with the installation of rain gardens. Moreover, the park site appears to have a wetland downstream of the baseball fields. This should be investigated by staff with wetland delineation training.
Priority:	High
Cost:	$40,000

Parcel:	009-11-130
Owner:	Mecklenburg County
Description:	Currently undeveloped parcel. Parcel is well situated for the treatment of runoff from residential development on the southern end of catchment. Installation of pocket wetlands or rain gardens at end of pipe from neighborhood is the most viable solution as there does not appear to be enough room in the neighborhood for the installation of BMPs.
Priority:	Low
Cost:	$472,500

C. Focus Area 4

Focus Area 4 is located in the Town of Huntersville and drains the older portion of the town. It is dominated by older residential land as well as retail/commercial land use. There is intensive commercial land use bracketing I-77, however, these parcels were developed with water quantity (quality?) treatment ponds. Because of this, retrofit efforts are focused upon areas to the east of Statesville Road, South of Gilead Road and west of Old Statesville Road. Because of the age of the development and the absents of public property, this focus area will be the most challenging to retrofit with BMPs.

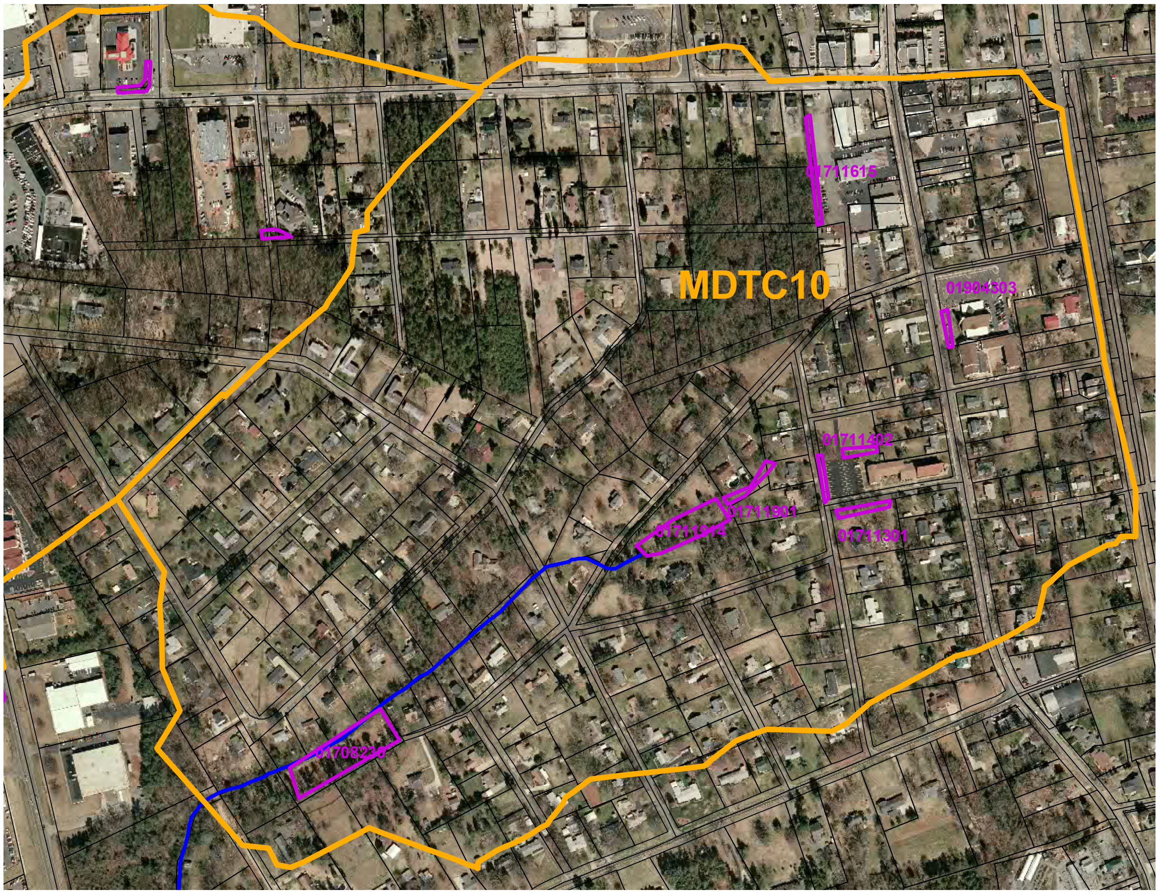
Priority 1 Project: 017-11-402
Huntersville Methodist Church



Focus Area 4

1. Catchment MDTC10

Catchment MDTC10 is largely older single family residential with commercial/retail development at the perimeter of the catchment. There is no public property within the catchment. All projects will need to be done on private property or land will have to be acquired for the installation of BMPs.



Catchment MDTC10, Focus Area 4

Parcel: 017-11-615
Owner: Cross Chevrolet Co.
Description: Currently a Subaru Dealership. Parcel is well situated for the treatment of runoff generated by the site with the installation of a linear water quality BMP along the back of the property. This type of device would capture the downspouts as well as the surface runoff from the back of the parcel.
Priority: Low
Cost: $20,000

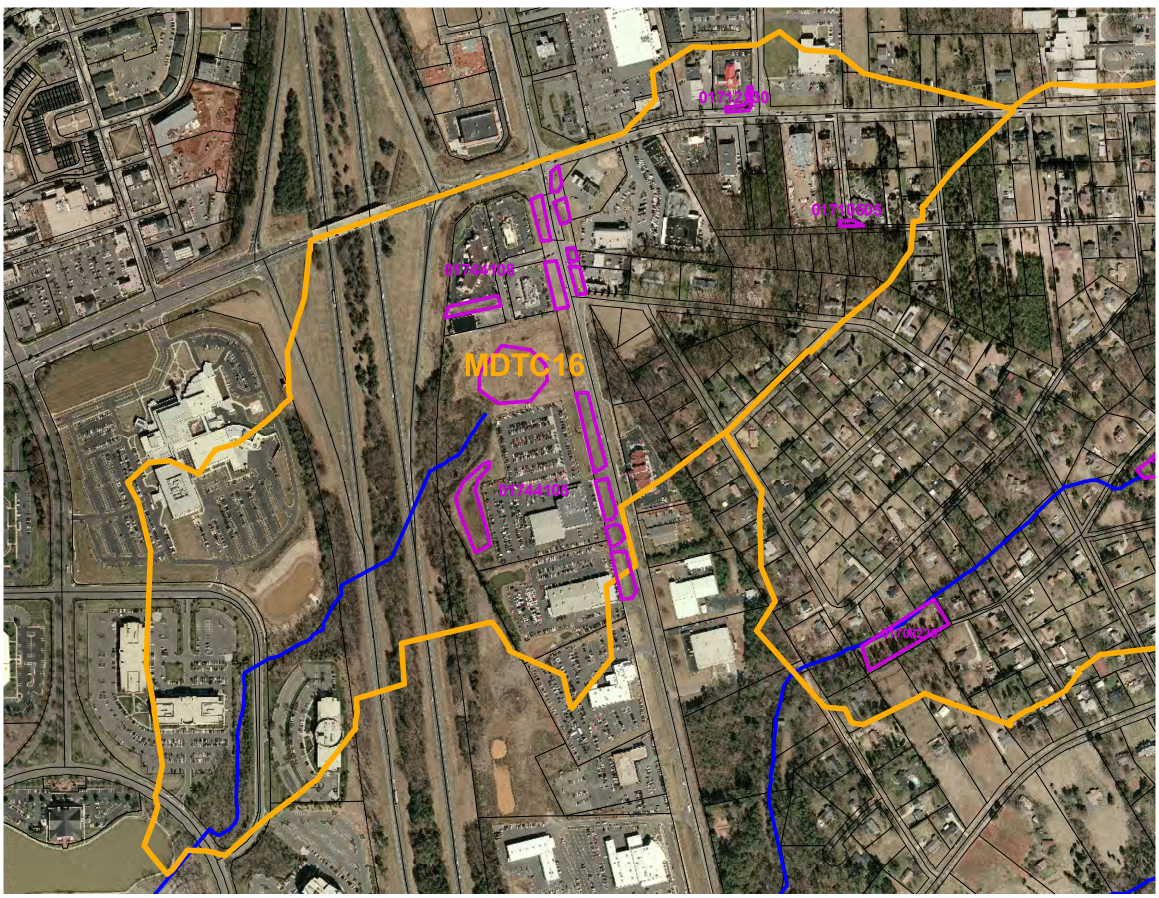
Parcel: 019-04-303
Owner: Huntersville Presbyterian
Description: Church site. Highly impervious parcel with limited opportunity for the installation of rain gardens to treat downspout and parking lot runoff.
Priority: Low
Cost: $20,000

Parcel: 017-11-402

Owner: Huntersville Methodist Church
Description: Church site. This site is very important to the overall strategy for the catchment. Piped drainage is “daylighted” on this parcel, which provides an opportunity to direct upstream runoff into a treatment device on site. A rain garden may be overwhelmed by the drainage area, however the landowners will probably not agree to installation of a larger device.
Priority: High
Cost: $32,000

2. Catchment MDTC16

Catchment MDTC16 is largely comprised of commercial development along both sides of I-77. Much of the development is already treated by some sort of BMP, however there are several opportunities to enhance the existing structures. Moreover, the DOT ROW along Statesville Road provides and excellent opportunity to treat runoff from the adjacent parcels. There may also be opportunities along the I-77 corridor to treat runoff generated by the roadbed itself.



Catchment MDTC16, Focus Area 4

Parcel: 017-44-108
Owner: Hallmark of Statesville, Inc.

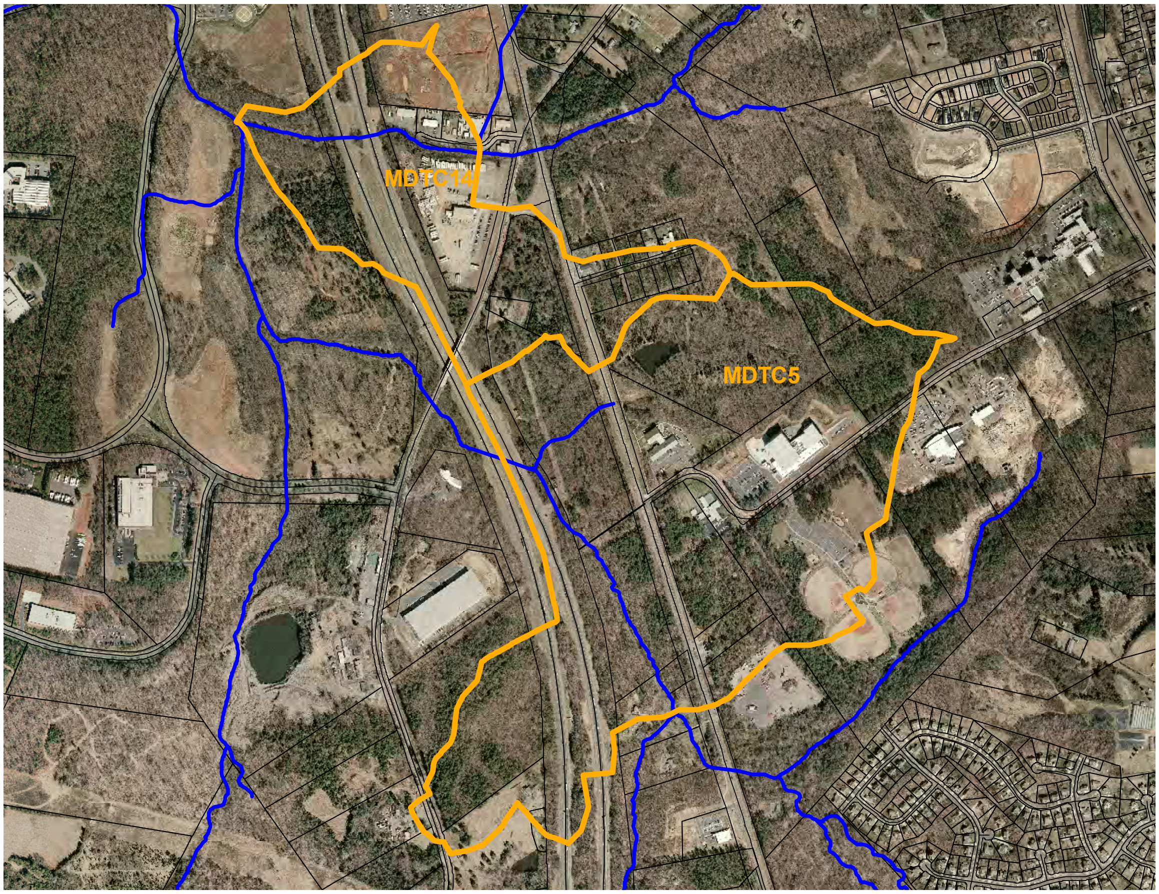
Description:	Hotel site. Existing dry detention (?) on hotel property. Does not appear to be functioning properly. Excellent opportunity to retrofit dry detention with water quality components.
Priority:	Medium
Cost:	$16,000

Parcel:	DOT ROW along Statesville Road
Owner:	Several – NC DOT owns ROW
Details:	Critical aspect of treating water quality in this catchment is working cooperatively with NC DOT to install water quality treatment devices along Statesville Road. Currently drainage is thru swales, which could be converted to water quality swales or stepped rain gardens.
Priority:	High
Cost:	$3,000/acre treated

D. Focus Area 5

Focus Area 5 is the least impacted of the 5 focus areas. Work within this catchment will focus upon working with NC DOT to treat runoff from the I-77 and Statesville Road corridors in combination with focused efforts to treat runoff from specific sites.

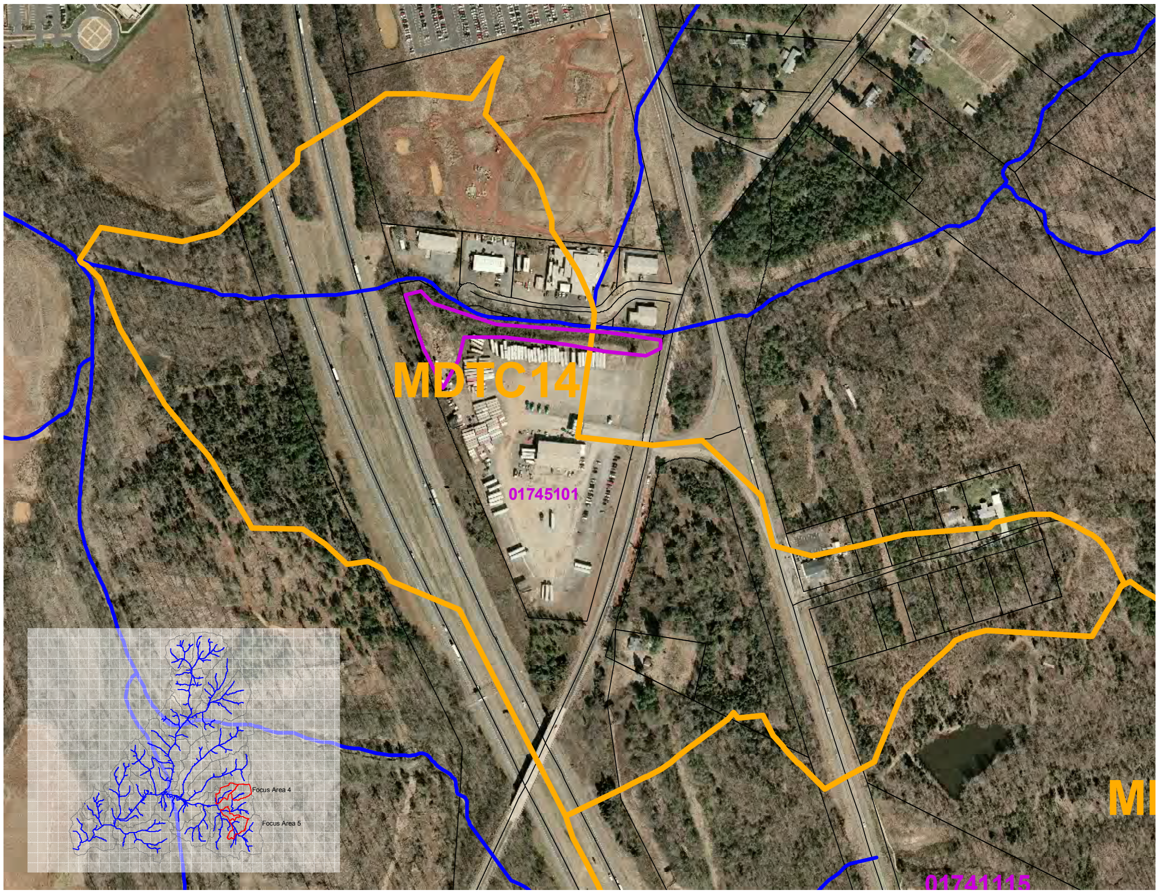
Priority 1 Project:	The Bowman Group Property Parcel # 017-45-101
Priority 2 Project:	Mecklenburg County Park Property Parcel #017-42-110



Focus Area 5

1. Catchment MDTC14

Catchment MDTC14 is dominated by I-77 and a transportation firm.

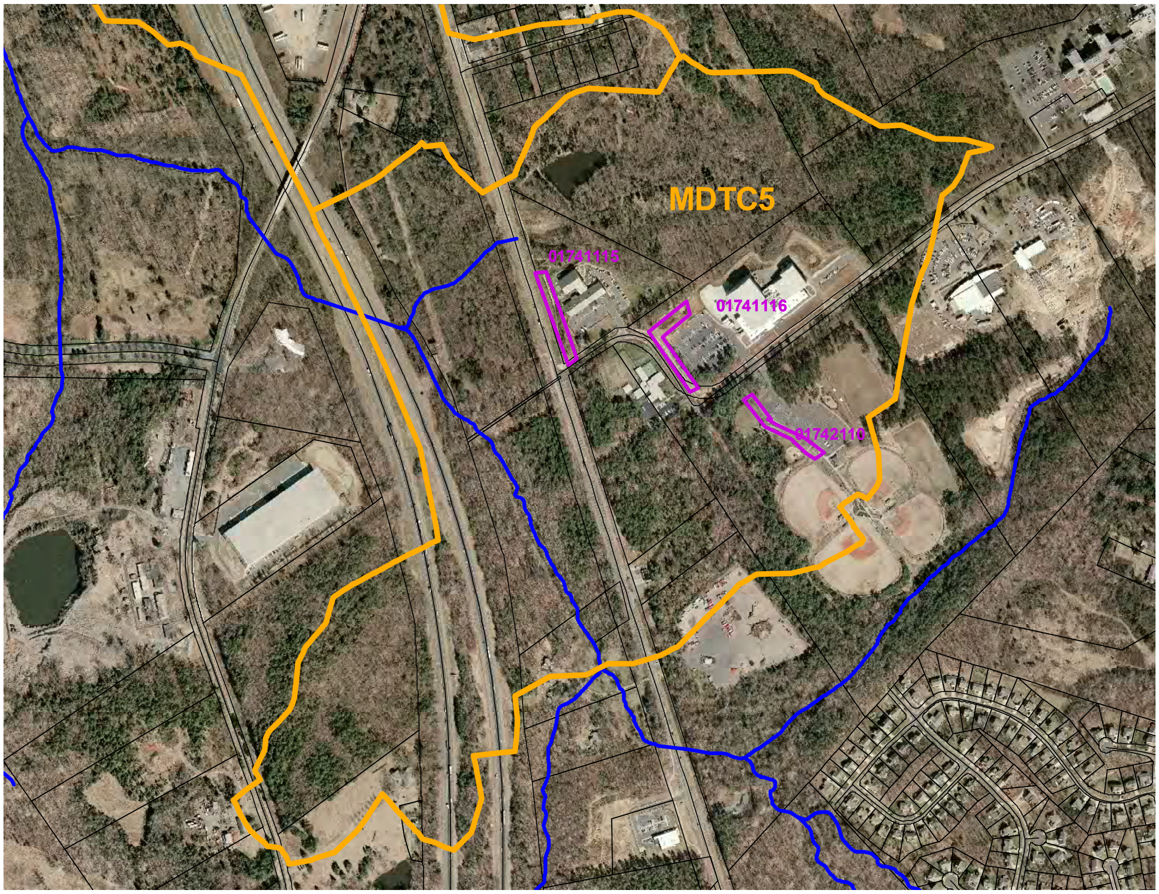


Catchment MDTC14, Focus Area 5

Parcel:	017-45-101
Owner:	The Bowman Group
Description:	**PRIORITY 1 PROJECT.** Transportation site. Good opportunity for the installation of a rain garden at the downstream end of the site. Site is dominated by overland drainage from a gravel lot. Swales will need to channel runoff into the rain garden cell.
Priority:	High
Cost:	$64,000

2. Catchment MDTC10

Catchment MDTC10 is dominated by the I-77 corridor and multiple commercial/institutional sites. Runoff should be treated on-site.



Catchment MDTC5, Focus Area 5

Parcel:	017-42-110
Owner:	Mecklenburg County
Description:	**PRIORITY 2 PROJECT.** Park site. Good opportunity for the installation of a rain garden at the downstream end of the parking lot perpendicular to flow.
Priority:	High
Cost:	$32,000

Parcel:	017-41-115
Owner:	Mecklenburg County
Description:	Institutional Site. Good opportunity for the installation of a rain garden at the downstream end of the parking lot perpendicular to flow.
Priority:	High
Cost:	$32,000

Parcel:	017-41-115
Owner:	Pal-A-Roo's Properties LLC

Description: Commercial Property. Good opportunity for the installation of a rain garden at the downstream end of the parking lot perpendicular to flow.
Priority: Medium
Cost: $16,000

VI. Buffer Re-Forestation

Buffer reforestation in the McDowell Creek watershed is a critical component of returning McDowell Creek to a condition of fully supporting its designated uses. Specifically, a forested buffer provides shade for the creek, which limits heating of the stream during summer months. Also, a forested buffer provides treatment of direct runoff to the stream as well as organic material in the form of leaf litter during the fall. There are 320 different parcels with un-forested buffer area in excess of 0.1 acres totaling 438 acres. Ownership of these areas is spread across 229 land owners. The top 20 land owners of un-forested buffer are presented below:

Owner	Un-forested Area
MECKLENBURG COUNTY	52.016
BIRKDALE GOLF ASSOCIATES LLC	27.918
CARRINGTON RIDGE LLC	26.524
ARVIDA MID-ATLANTIC HOMES INC	16.943
CLARK REGINALD L	15.940
MCAULAY FARMS LLC	15.681
COOK E H JR	15.490
PIZZAGALLI PROPERTIES LLC	15.137
BANK OF AMERICA	14.874
BANKS RICHARD TORRANCE	13.681
BROWN WILLIAM VERNON	13.190
CITY OF CHARLOTTE	11.591
HORTON D R INC-TORREY	11.236
HUNTERSVILLE BUSINESS PROPERTY	9.614
HENDERSON PARK HOMEOWNER`S	8.680
HUNTERSVILLE DEVELOPMENT LLC	7.158
DOUGLAS HELEN KIDD B/E	6.855
HILLS COMMUNITIES OF CHARLOTTE	5.313
BELLINGHAUSEN CARL	5.123
COOK INVESTMENTS L P U/A	4.788

For the purpose of this plan, only publicly owned property with at least 0.5 acres of un-forested buffer will be targeted for reforestation. For all cost calculations re-forestation of buffers is estimated to cost $1430/acre. This value was developed assuming mixed hardwood trees (seedlings) would be planted on eight-foot grid. Specific parcel information on publicly owned parcels to be reforested is as follows:

Priority	PID	Parcel Area	Un-forested Area (ac)	OWNER	Cost
1	01538197	14.804	13.115	MECKLENBURG COUNTY	$18,754
2	01509104	24.893	8.144	MECKLENBURG COUNTY	$11,646
3	01535199	13.081	7.881	MECKLENBURG COUNTY	$11,270
4	00935101	151.300	7.332	CITY OF CHARLOTTE	$10,485
5	01509107	13.000	7.068	MECKLENBURG COUNTY	$10,107
6	01323105	111.930	3.727	CITY OF CHARLOTTE	$5,330
7	00507112	100.596	3.556	MECKLENBURG COUNTY	$5,085
8	01318101	0.000	2.775	MECKLENBURG COUNTY	$3,968
9	01535245	11.709	1.770	MECKLENBURG COUNTY	$2,531
10	00504219	1.520	1.754	TOWN OF CORNELIUS	$2,508
11	01325599	13.520	1.530	MECKLENBURG COUNTY	$2,188
12	01325548	7.530	1.495	MECKLENBURG COUNTY	$2,138
13	01505199	17.652	1.319	MECKLENBURG COUNTY	$1,886
14	01543103	19.127	0.608	MECKLENBURG COUNTY	$869

REACH I3a
RANK (NEED & FEASIBILITY) 1
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00910126	MONTEITH HOLDINGS LLC					N	STATESVILLE	RD		HUNTERSVILLE	501 S. SHARON AMITY RD STE 310		CHARLOTTE	NC	28211
00910127	MONTEITH HOLDINGS LLC						BANKSIDE	DR		HUNTERSVILLE	13777 BALLANTYNE CORP PLZA#320		CHARLOTTE	NC	28277
00910593	MONTEITH HOLDINGS LLC						SHINNER	DR		HUNTERSVILLE	501 S. SHARON AMITY RD STE 310		CHARLOTTE	NC	28211
00924398	FIVE-H LAND CO INC						DELANCEY	LN		HUNTERSVILLE	6805 FAIRVIEW RD STE C		CHARLOTTE	NC	28210-2702
00934104	MONTEITH HOLDINGS LLC						STUMPTOWN	RD		HUNTERSVILLE	501 S. SHARON AMITY RD	STE 310	CHARLOTTE	NC	28211
00934198	MONTEITH HOLDING LLC						STUMPTOWN	RD		HUNTERSVILLE	501 S SHARON AMITY RD #310		CHARLOTTE	NC	28211
00934687	MONTEITH HOLDINGS LLC						WATERFRONT	DR		HUNTERSVILLE	501 SOUTH SHARON AMITY RD #310		CHARLOTTE	NC	28211

REACH M1
RANK (NEED & FEASIBILITY) 2
RECOMMENDATION Restoration / Fence out cattle

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01502113	BARNETTE	AGNES B		(ET-AL)	7107		BUD HENDERSON	RD		HUNTERSVILLE	7107 BUD HENDERSON RD		HUNTERSVILLE	NC	28078

REACH N13d
RANK (NEED & FEASIBILITY) 3
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01504101	ARVIDA MID ATLANTIC HOMES INC		BEATE	% HANKE	7300		GILEAD	RD		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434
01504135	ARVIDA MID-ATLANTIC HOMES INC		BEATE	% HANKE			DARBLAY	ST		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434
01504136	HIRACH	KATHRYN CAYEE			8009		BAYLIS	DR		HUNTERSVILLE	8009 BAYLIS DRIVE		HUNTERSVILLE	NC	28078
01543103	MECKLENBURG COUNTY			% REAL ESTATE /FINANCE DEPT	8147		MCILWAINE	RD		HUNTERSVILLE	600 EAST 4TH ST 11TH FLOOR		CHARLOTTE	NC	28202

REACH I11a
RANK (NEED & FEASIBILITY) 4
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00911105	HBD PARTNERS				16301		OLD STATESVILLE	RD		HUNTERSVILLE	PO BOX 613		DAVIDSON	NC	28036-0613
00911119	MECKLENBURG COUNTY				16131		OLD STATESVILLE	RD		HUNTERSVILLE	600 E 4TH ST		CHARLOTTE	NC	28202

REACH M8b
RANK (NEED & FEASIBILITY) 5
RECOMMENDATION Restoration / Fence out cattle

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01502113	BARNETTE	AGNES B		(ET-AL)	7107		BUD HENDERSON	RD		HUNTERSVILLE	7107 BUD HENDERSON RD		HUNTERSVILLE	NC	28078
01502124	FREENEY	STEPHEN P	KARRI S	FREENEY	14442		BEATTIES FORD	RD		HUNTERSVILLE	16735-A CRANLYN RD #124		HUNTERSVILLE	NC	28078

REACH B18a_B19a
RANK (NEED & FEASIBILITY) 6
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00514402	RAYMER	JOHN MCLAIN JR	EVELYN K	RAYMER	18628		STATESVILLE	RD		CORNELIUS	PO BOX 588		HUNTERSVILLE	NC	28070-0588
00516678	MECKLENBURG COUNTY			% REAL ESTATE /FINANCE DEPT	20243		FLORAL	LN		CORNELIUS	600 E 4TH ST 11TH FLOOR		CHARLOTTE	NC	28202-2816
00529170	LOPARDI	JOSEPH A	ERIN	MCELROY	20110		COACHMANS WOOD	LN		CORNELIUS	20110 COACHMANS TRACE LN		CORNELIUS	NC	28031
00529171	HOWEY	RANDOLPH E	ELEANOR Y	HOWEY	20106		COACHMANS WOOD	LN		CORNELIUS	20106 COACHMANS WOOD LN		CORNELIUS	NC	28031
00529172	KALOS	ARTHUR C	CHRISTINE L	KALOS	20102		COACHMANS WOOD	LN		CORNELIUS	20102 COACHMANS WOOD LN		CORNELIUS	NC	28031
00529173	TOWN OF CORNELIUS THE				20100		COACHMANS WOOD	LN		CORNELIUS	PO BOX 399		CORNELIUS	NC	28031

REACH E15a
RANK (NEED & FEASIBILITY) 7
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00914117	BIRKDALE GOLF ASSOCIATES LLC						BIRKDALE COMMONS	PY		HUNTERSVILLE	4201 CONGRESS ST SUITE 410		CHARLOTTE	NC	28209
00929226	VENANT	JEAN C	MARIE M	VENANT	16216		BLACKPOOL	CT		HUNTERSVILLE	16216 BLACKPOOL CT		HUNTERSVILLE	NC	28078
00929227	PIETROPAOLO	VINCENZO	ELIZABETH S	PIETROPAOLO	16210		BLACKPOOL	CT		HUNTERSVILLE	16210 BLACKPOOL CT		HUNTERSVILLE	NC	28078
00929229	NESTA	MARLA M	JAMES D	NESTA	9715		DEVONSHIRE	DR		HUNTERSVILLE	4516 AVALON FOREST LN		CHARLOTTE	NC	28269
00929230	VOGAN	ROLLIN G II	SUSAN J	VOGAN	9721		DEVONSHIRE	DR		HUNTERSVILLE	9721 DEVONSHIRE DR		HUNTERSVILLE	NC	28078
00929231	DUDDY	STEVEN L		JANET K DUDDY (H/W)	9727		DEVONSHIRE	DR		HUNTERSVILLE	9727 DEVONSHIRE DR		HUNTERSVILLE	NC	28078
00929232	UHLICH	CHRISTOPHER	LAURA	UHLICH	9735		DEVONSHIRE	DR		HUNTERSVILLE	9735 DEVONSHIRE DR		HUNTERSVILLE	NC	28078
00929233	WADDELL	EARL S JR	BRIDGET	WADDELL	9801		DEVONSHIRE	DR		HUNTERSVILLE	9801 DEVONSHIRE DR		HUNTERSVILLE	NC	28078
00929234	DEMEIS	JOSEPH H	ANN E	DEMEIS	9807		DEVONSHIRE	DR		HUNTERSVILLE	9807 DEVONSHIRE DR		HUNTERSVILLE	NC	28078
00929235	CROWDER	WILLIAM S JR	DAWN D	CROWDER	9815		DEVONSHIRE	DR		HUNTERSVILLE	9815 DEVONSHIRE DR		HUNTERSVILLE	NC	28078
00929236	TUCCIARONE	ROBERT		ELIZABETH TUCCIARONE	9821		DEVONSHIRE	DR		HUNTERSVILLE	9821 DEVONSHIRE DR		HUNTERSVILLE	NC	28078
00930104	ASN PINNACLE LLC				9015		PINNACLE CROSS	DR		HUNTERSVILLE	5837 MCTAGGART LN		CHARLOTTE	NC	28269-5217

00930114	HUGHES PLUMBING SUPPLY LTD				16235		NORTHCROSS	DR		HUNTERSVILLE	ONE HUGHES WAY		ORLANDO	FL	32805
00930C99	CHERRY	JOHN R	JUNE B	CHERRY	16501		NORTHCROSS	DR		HUNTERSVILLE	16501 NORTHCROSS DR STE A1		HUNTERSVILLE	NC	28078-5086
00930C99	COOL BROKERS PROPERTY	LLC			16315A		NORTHCROSS	DR		HUNTERSVILLE	16315A NORTHCROSS DR		HUNTERSVILLE	NC	28078
00930C99	DIAGNOSTIC SERVICES INC				16507		NORTHCROSS	DR		HUNTERSVILLE	16507 NORTHCROSS DR #C		HUNTERSVILLE	NC	28078
00930C99	DIXON 2 INC				16507		NORTHCROSS	DR		HUNTERSVILLE	16507 NORTHCROSS DR STE D		HUNTERSVILLE	NC	28078-5082
00930C99	ENGEL	WILLIAM J			16405		NORTHCROSS	DR		HUNTERSVILLE	16405 NORTHCROSS DR STE D		HUNTERSVILLE	NC	28078-5006
00930C99	FOURNIER	DUANE K	VICKIE L	FOURNIER	16419E		NORTHCROSS	DR		HUNTERSVILLE	10321 CLUBHOUSE VIEW LN		CHARLOTTE	NC	28277
00930C99	FOX	RUSSELL			16507		NORTHCROSS	DR		HUNTERSVILLE	16507-G NORTHCROSS DR		HUNTERSVILLE	NC	28078
00930C99	GOODMAN A COMPANY				16419F		NORTHCROSS	DR		HUNTERSVILLE	13000 MOORESVILLE RD		DAVIDSON	NC	28036
00930C99	HOUCK	M E	CATHY G	HOUCK	16419		NORTHCROSS	DR		HUNTERSVILLE	119 SAILVIEW RD		MOORESVILLE	NC	28117
00930C99	KALEY PROPERTIES LLC				16405		NORTHCROSS	DR		HUNTERSVILLE	20617 BETHELWOOD LN		CORNELIUS	NC	28031
00930C99	KELLAM	W J JR		W CHRIS PARNELL	16419		NORTHCROSS	DR		HUNTERSVILLE	2901 COLTSGATE RD STE 102		CHARLOTTE	NC	28211-3572
00930C99	KILKO PROPERTIES INC				16405		NORTHCROSS	DR		HUNTERSVILLE	20617 BETHELWOOD LN		CORNELIUS	NC	28031
00930C99	LE	MARK M		LE NORTH DIRECTION, LLC	16415F		NORTHCROSS	DR		HUNTERSVILLE	17705 SPRING WINDS DRIVE		CORNELIUS	NC	28031-7591
00930C99	LE FAMILY ENTERPRISES II LLC				16511		NORTHCROSS	DR		HUNTERSVILLE	17705 SPRINGWIND DR		CORNELIUS	NC	28031
00930C99	LE FAMILY ENTERPRISES III LLC				16501		NORTHCROSS	DR		HUNTERSVILLE	17705 SPRINGWOOD DR		CORNELIUS	NC	28031
00930C99	LE FAMILY ENTERPRISES IV LLC				16501		NORTHCROSS	DR		HUNTERSVILLE	17705 SPRINGWIND DR		CORNELIUS	NC	28031
00930C99	LE FAMILY ENTERPRISES VI LLC				16419C		NORTHCROSS	DR		HUNTERSVILLE	17705 SPRINGWIND DR		CORNELIUS	NC	28031
00930C99	MARQUIS HOME BUILDERS, INC				16419D		NORTHCROSS	DR		HUNTERSVILLE	16419 NORTHCROSS DRIVE D		HUNTERSVILLE	NC	28078
00930C99	MOCK PROPERTIES LLC				16325		NORTHCROSS	DR		HUNTERSVILLE	19529 MARY ARDREY CR		CORNELIUS	NC	28031
00930C99	PIFER	DOROTHY T			16409		NORTHCROSS	DR		HUNTERSVILLE	16409-A NORTHCROSS DR		HUNTERSVILLE	NC	28078
00930C99	TRIPLE H REAL ESTATE LLC				16507		NORTHCROSS	DR		HUNTERSVILLE	16507 NORTHCROSS DR #E		HUNTERSVILLE	NC	28078
00930C99	VPC CAPITAL LLC				16409		NORTHCROSS	DR		HUNTERSVILLE	PO BOX 36938		CHARLOTTE	NC	28236
00930C99	WACHOVIA SBA LENDING INC				16405		NORTHCROSS	DR		HUNTERSVILLE	1620 E ROSEVILLE PKY		ROSEVILLE	CA	95661
00930C99	WALTERS	JAMES L	ENEIDA	WALTERS	16507		NORTHCROSS	DR		HUNTERSVILLE	16507-A NORTHCROSS DR		HUNTERSVILLE	NC	28078
00930C99	WASKIN	JOHN A	CHERYL L	WASKIN	16507		NORTHCROSS	DR		HUNTERSVILLE	18435 PENINSULA COVE LN		CORNELIUS	NC	28031

REACH P15b
RANK (NEED & FEASIBILITY) 8
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01719102	BANK OF AMERICA	(BY MERGER)		% SUSAN MELTON	13620		REESE	BV	EAST	HUNTERSVILLE	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	28255-0131

REACH B21a
RANK (NEED & FEASIBILITY) 9
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00514402	RAYMER	JOHN MCLAIN JR	EVELYN K	RAYMER	18628		STATESVILLE	RD		CORNELIUS	PO BOX 588		HUNTERSVILLE	NC	28070-0588
00529169	GARBEE	HOWARD	JOAN	GARBEE	20116		COACHMANS WOOD	LN		CORNELIUS	20116 COACHMANS TRACE LN		CORNELIUS	NC	28031
00529170	LOPARDI	JOSEPH A	ERIN	MCELROY	20110		COACHMANS WOOD	LN		CORNELIUS	20110 COACHMANS TRACE LN		CORNELIUS	NC	28031
00529171	HOWEY	RANDOLPH E	ELEANOR Y	HOWEY	20106		COACHMANS WOOD	LN		CORNELIUS	20106 COACHMANS WOOD LN		CORNELIUS	NC	28031
00529172	KALOS	ARTHUR C	CHRISTINE L	KALOS	20102		COACHMANS WOOD	LN		CORNELIUS	20102 COACHMANS WOOD LN		CORNELIUS	NC	28031
00529173	TOWN OF CORNELIUS THE				20100		COACHMANS WOOD	LN		CORNELIUS	PO BOX 399		CORNELIUS	NC	28031

REACH B11a
RANK (NEED & FEASIBILITY) 10
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00520128	CHARLOTTE-MECKLENBURG	BOARD OF EDUCATION					SMITH	CR		CORNELIUS	701 EAST SECOND ST		CHARLOTTE	NC	28202
00520129	CHARLOTTE MECKLENBURG	BOARD OF EDUCATION			21126		CATAWBA	AV		CORNELIUS	701 E 2ND ST		CHARLOTTE	NC	28202
00520133	AHLUWALIA	DHEERAJ			19516		SMITH	CR		CORNELIUS	8534 ETHERTON CT		CHARLOTTE	NC	28216
00520134	PUTNAM	DONALD P	FANNIE JONES	PUTNAM	19438		SMITH	CR		CORNELIUS	155 HARWELL RD		MOORESVILLE	NC	28117
00520135	SKIDMORE	DANNY NELSON			19508		SMITH	CR		CORNELIUS	19325 BARNETTE ST		CORNELIUS	NC	28031

REACH P17a
RANK (NEED & FEASIBILITY) 11
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01707242	GOOD	CINDY N	ERIC A	GOOD	13020		MT HOLLY-HUNTERSVILLE	RD		HUNTERSVILLE	PO BOX 653		HUNTERSVILLE	NC	28078
01741101	FITE	CHARLES RICHARD JR			13124	N	STATESVILLE	RD		HUNTERSVILLE	PO BOX 2385		HUNTERSVILLE	NC	28070
01745101	BOWMAN GROUP THE				12801		MT HOLLY-HUNTERSVILLE	RD		HUNTERSVILLE	10228 GOVERNER LANE BLVD #3002		WILLIAMSPORT	MD	21795
01745102	G M HOLDINGS LLC				100		CENTER	LN		HUNTERSVILLE	119 SILVER EAGLE LN		MOORESVILLE	NC	28117

REACH M9
RANK (NEED & FEASIBILITY) 12
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01501114	BARNETTE	BERTRAM A III	JULIE P	BARNETTE			BEATTIES FORD	RD		HUNTERSVILLE	14700 BEATTIES FORD RD		HUNTERSVILLE	NC	28078
01501198	BARNETTE	BERTRAM A III	JULIE P	BARNETTE			BEATTIES FORD	RD		HUNTERSVILLE	14700 BEATTIES FORD RD		HUNTERSVILLE	NC	28078
01502113	BARNETTE	AGNES B		(ET-AL)	7107		BUD HENDERSON	RD		HUNTERSVILLE	7107 BUD HENDERSON RD		HUNTERSVILLE	NC	28078
01502128	QUAN	WILLIAM SHANE	TERESA F	QUAN			BEATTIES FORD	RD		HUNTERSVILLE	14422 BEATTIES FORD RD		HUNTERSVILLE	NC	28078
01540102	LINDERMAN	CLIFTON EARL		ROGER C LINDERMAN (B/W)	14520		BEATTIES FORD	RD		HUNTERSVILLE	242 MEADOW OAKS DR		STATESVILLLE	NC	28625
01541111	COOK FARMS LLC						GILEAD	RD		HUNTERSVILLE	7602 OLIVER HAGER RD		HUNTERSVILLE	NC	28078

REACH N13b
RANK (NEED & FEASIBILITY) 13
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01503101	STEPHENS RIDGE LLC	% NEW SOTH PROP					BUD HENDERSON	RD		HUNTERSVILLE	1518 EAST 3RD ST #200		CHARLOTTE	NC	28204
01504106	ARVIDA MID-ATLANTIC HOMES INC		BEATE	% HANKE	7930		BUD HENDERSON	RD		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434
01504111	ARVIDA MID-ATLANTIC HOMES INC		BEATE	% HANKE	7926		BUD HENDERSON	RD		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434
01504112	ARVIDA MID-ATLANTIC HOMES INC		BEATE	% HANKE			DARBLAY	ST		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434

REACH A8a
RANK (NEED & FEASIBILITY) 14
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00512111	KNOX	WALTER LEE	SUSAN LOWDER	KNOX	19610		WEST CATAWBA	AV		CORNELIUS	9718 OLD GATE DR		MATTHEWS	NC	28105
00512149	ONE NORMAN SQUARE LP	ATTN: HARRIS HASTON			19400		ONE NORMAN	BV		CORNELIUS	3301 WEST END AV #200		NASHVILLE	TN	37203
00527301	CORNELIUS DEVELOPMENT LLC				19425		LIVERPOOL	PY		CORNELIUS	1050 EAGLES LANDING PARKWAY	SUITE 300	STOCKBRIDGE	GA	30281

REACH U10
RANK (NEED & FEASIBILITY) 15
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01719102	BANK OF AMERICA	(BY MERGER)		% SUSAN MELTON	13620		REESE	BV	EAST	HUNTERSVILLE	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	28255-0131
01719302	BANK OF AMERICA	(BY MERGER)		% SUSAN MELTON			REESE	BV		HUNTERSVILLE	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	28255-0131

REACH M6
RANK (NEED & FEASIBILITY) 16

RECOMMENDATION Restoration / Fence out cattle

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01502113	BARNETTE	AGNES B		(ET-AL)	7107		BUD HENDERSON	RD		HUNTERSVILLE	7107 BUD HENDERSON RD		HUNTERSVILLE	NC	28078
01502128	QUAN	WILLIAM SHANE	TERESA F	QUAN			BEATTIES FORD	RD		HUNTERSVILLE	14422 BEATTIES FORD RD		HUNTERSVILLE	NC	28078
01540101	LINDERMAN	AMARYLLIS V			14532		BEATTIES FORD	RD		HUNTERSVILLE	14512 BEATTIES FORD RD		HUNTERSVILLE	NC	28078
01540102	LINDERMAN	CLIFTON EARL		ROGER C LINDERMAN (B/W)	14520		BEATTIES FORD	RD		HUNTERSVILLE	242 MEADOW OAKS DR		STATESVILLLE	NC	28625
01540104	GORDON LAND-NASSAR INVESTMENTS	JOINT VENTURE					BEATTIES FORD	RD		HUNTERSVILLE	10100 PARK CEDAR DR #180		CHARLOTTE	NC	28031

REACH A5b
RANK (NEED & FEASIBILITY) 17
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00512149	ONE NORMAN SQUARE LP	ATTN: HARRIS HASTON			19400		ONE NORMAN	BV		CORNELIUS	3301 WEST END AV #200		NASHVILLE	TN	37203
00526108	YOUNG	DONNA W			19211		DUTCH IRIS	LN		CORNELIUS	19211 DUTCH IRIS LN		CORNELIUS	NC	28031
00526109	KILLIAN	JAMES E	CYNTHIA B	KILLIAN	19219		DUTCH IRIS	LN		CORNELIUS	PO BOX 1218		NEWTON	NC	28652
00526309	GARRICK	JONATHAN G			19230		DUTCH IRIS	LN		CORNELIUS	19230 DUTCH IRIS LN		CORNELIUS	NC	28031
00526310	PARK	FAMILY TRUST			8851		MAGNOLIA ESTATES	DR		CORNELIUS	8851 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031-7847
00527301	CORNELIUS DEVELOPMENT LLC				19425		LIVERPOOL	PY		CORNELIUS	1050 EAGLES LANDING PARKWAY	SUITE 300	STOCKBRIDGE	GA	30281

REACH B9b_B10a
RANK (NEED & FEASIBILITY) 18
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00514101	RNA INVESTMENT GROUP LLC				18820		STATESVILLE	RD		CORNELIUS	11343 FOX HILL DR		CHARLOTTE	NC	28269-3165
00514114	LACKEY	NANCY L					STATESVILLE	RD		CORNELIUS	103 PIER 33 DR UNIT 216		MOORESVILLE	NC	28117-5533
00516679	TOWN OF CORNELIUS				20300		FLORAL	LN		CORNELIUS	PO BOX 399		CORNELIUS	NC	28031
00517106	OUTDOORS REAL ESTATE LLC				19020		STATESVILLE	RD		CORNELIUS	19020 STATESVILLE RD		CORNELIUS	NC	28031-6847
00517147	FLETCHER	FRANK S	PEGGY A	FLETCHER	20301		WILLOW POND	RD		CORNELIUS	20301 WILLOW POND RD		CORNELIUS	NC	28031
00517148	MALINOVSKY	HOLLIE M			20303		WILLOW POND	RD		CORNELIUS	20303 WILLOW POND RD		CORNELIUS	NC	28031
00517149	ZIMMERMAN	JEFFREY GLEN	CAROL J	ZIMMERMAN	20307		WILLOW POND	RD		CORNELIUS	20307 WILLOW POND RD		CORNELIUS	NC	28031
00517178	WILLOW POND AT LAKE	NORMAN HOMEOWNERS ASSOC					WILLOW POND	RD		CORNELIUS	GENERAL DELIVERY		CORNELIUS	NC	28031
00517182	JJF ENTERPRISES LLC				19010		STATESVILLE	RD		CORNELIUS	215 LAWTON RD		CHARLOTTE	NC	28216
00517183	BLUEWATER INVESTMENT LLC						STATESVILLE	RD		CORNELIUS	21320 BLAKNEY SHORES DR		CORNELIUS	NC	28031
00529173	TOWN OF CORNELIUS THE				20100		COACHMANS WOOD	LN		CORNELIUS	PO BOX 399		CORNELIUS	NC	28031

REACH A13b_A16a
RANK (NEED & 19

FEASIBILITY)

RECOMMENDATION Bank Stabilization

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00511103	WESTMORELAND COMMUNITIES LLC				18644		ROSALYN GLEN	RD		CORNELIUS	6707 FAIRVIEW RD #B		CHARLOTTE	NC	28210-3354

REACH P23a
RANK (NEED & FEASIBILITY) 20
RECOMMENDATION Enhancement II / Improvement to culverts at sanitary sewer crossings to accommodate bankfull flows and sediment transport

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01707201	BEAZER HOMES CORP				13101		OLD STATESVILLE	RD		HUNTERSVILLE	1300 SOUTH BOULEVARD #K		CHARLOTTE	NC	28206
01707226	RANSON	DANIEL A	KANDI K	RANSON	13353		OLD STATESVILLE	RD		HUNTERSVILLE	13353 OLD STATESVILLE RD		HUNTERSVILLE	NC	28078
01707227	SANDERS	MARTHA SIMS		REBECCA ELLEN HOLDWAY			OLD STATESVILLE	RD		HUNTERSVILLE	98 MCARTHUR AVE SE		CONCORD	NC	28025-3861
01707242	GOOD	CINDY N	ERIC A	GOOD	13020		MT HOLLY-HUNTERSVILLE	RD		HUNTERSVILLE	PO BOX 653		HUNTERSVILLE	NC	28078
01707501	BEAZER HOMES CORP						CHEVERLY	DR		HUNTERSVILLE	1300 SOUTH BOULEVARD #K		CHARLOTTE	NC	28206

REACH B13a
RANK (NEED & FEASIBILITY) 21
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00516661	ROBERTSON	JAMES E	SUSAN E	ROBERTSON	21108		PINE RIDGE	DR		CORNELIUS	6028 DELTA CROSSING LN APT G		CHARLOTTE	NC	28212-2371
00516662	WOJTOWICZ	JAMES J	MARY E	WHITNEY	21100		PINE RIDGE	DR		CORNELIUS	2110 PINE RIDGE DR		CORNELIUS	NC	28031
00525513	WILLIAMS	MARK A	ELIZABETH P	WILLIAMS	10219		DANESWAY	LN		CORNELIUS	10219 DANESWAY LN		CORNELIUS	NC	28031
00525514	MISENAR	RYAN S		LISA M MISENAR (H/W)	10223		DANESWAY	LN		CORNELIUS	10223 DANESWAY LN		CORNELIUS	NC	28031
00525515	SANFILIPPO	THOMAS J JR	JOAN	SANFILIPPO	10227		DANESWAY	LN		CORNELIUS	10227 DANESWAY LN		CORNELIUS	NC	28031
00525516	KAZMIERCZAK	JOHN	APRIL	MEADOWS	10231		DANESWAY	LN		CORNELIUS	10231 DANESWAY LN		CORNELIUS	NC	28031
00525517	GOTTA	MICHAEL P		KRISTIN L GOTTA (H/W)	10235		DANESWAY	LN		CORNELIUS	10235 DANESWAY LN		CORNELIUS	NC	28031
00525518	LAKE	KELLY			10239		DANESWAY	LN		CORNELIUS	10239 DANESWAY LN		CORNELIUS	NC	28031
00525519	BOND	CHRISTOPHER J	DONNA L	BOND	10243		DANESWAY	LN		CORNELIUS	10243 DANESWAY LN		CORNELIUS	NC	28031-9190
00525520	CARUSO	PASQUALE			10247		DANESWAY	LN		CORNELIUS	10247 DANESWAY LN		CORNELIUS	NC	28031
00525521	PEELER	JEREMY D	STEPHANIE A	PEELER	10301		DANESWAY	LN		CORNELIUS	10301 DANESWAY LN		CORNELIUS	NC	28031
00525522	LESSER	HAROLD F	CHRISTINE R	LESSER	10309		DANESWAY	LN		CORNELIUS	10309 DANESWAY LN		CORNELIUS	NC	28031-9192
00525599	MECKLENBURG COUNTY				10313		DANESWAY	LN		CORNELIUS	600 E FOURTH ST		CHARLOTTE	NC	28202

REACH U8b
RANK (NEED & FEASIBILITY) 22

RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01719102	BANK OF AMERICA	(BY MERGER)		% SUSAN MELTON	13620		REESE	BV	EAST	HUNTERSVILLE	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	28255-0131
01719301	N C STATE HIGHWAY	& PUBLIC WKS COMMISSION			12101		MT HOLLY-HUNTERSVILLE	RD		HUNTERSVILLE	1119 E SUGAR CREEK RD		CHARLOTTE	NC	28205-1448
01719302	BANK OF AMERICA	(BY MERGER)		% SUSAN MELTON			REESE	BV		HUNTERSVILLE	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	28255-0131

REACH A21a
RANK (NEED & FEASIBILITY) 23
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00511103	WESTMORELAND COMMUNITIES LLC				18644		ROSALYN GLEN	RD		CORNELIUS	6707 FAIRVIEW RD #B		CHARLOTTE	NC	28210-3354
00511601	WESTMORELAND COMMUNITIES LLC				8716		LAKE PINES	DR		CORNELIUS	6707 FAIRVIEW RD #B		CHARLOTTE	NC	28210-3354
00541103	LIBERTY GREENS DEVELOPMENT CO	LLC		GOLDBERG COMPANIES INC			WESTMORELAND	RD		UNINC	24101 CHAGRIN BLVD #300		BEACHWOOD	OH	44122
00541105	CAR SON LNB SHOP LLC			% CAPITAL AUTOMOTIVE REIT	20440		CHARTOWN	DR		UNINC	1420 SPRING HILL RD #525		MCLEAN	VA	22102

REACH F11b
RANK (NEED & FEASIBILITY) 24
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00535103	BROTHERTON T L INC			%SHEILA KERR, SECRETARY	10350		BAILEY	RD		UNINC	13223 WILLOW BREEZE LN		HUNTERSVILLE	NC	28078
00535106	D R HORTON INC - TORREY				11000		BAILEY	RD		HUNTERSVILLE	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00535295	D R HORTON INC-TORREY				11000		BAILEY	RD		CORNELIUS	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00535601	D R HORTON INC-TORREY				9846		CALDWELL DEPOT	RD		CORNELIUS	1100 S TRYON ST #100		CHARLOTTE	NC	28203
00535602	D R HORTON INC-TORREY				9842		CALDWELL DEPOT	RD		CORNELIUS	1100 S TRYON ST #100		CHARLOTTE	NC	28203
00535603	D R HORTON INC-TORREY				9838		CALDWELL DEPOT	RD		CORNELIUS	1100 S TRYON ST #100		CHARLOTTE	NC	28203
00535609	CALDWELL STATION HOMEOWNERS	ASSOCIATION INC					TRAIN STATION	DR		CORNELIUS	1110 S TRYON ST #100		CHARLOTTE	NC	28203
00535622	ILER	DAVID L	CHRISTINE C	ILER	17207		GRAND CENTRAL	WY		HUNTERSVILLE	17207 GRAND CENTRAL WY		CORNELIUS	NC	28031
00535623	BONE	CORETTA E			17213		GRAND CENTRAL	WY		HUNTERSVILLE	17213 GRAND CENTRAL WY		CORNELIUS	NC	28031
00535624	HARTEL	GEORGE ANDREW	MICHELLE GENEVIEVE	BERGERON	17219		GRAND CENTRAL	WY		HUNTERSVILLE	17219 GRAND CENTRAL WY		CORNELIUS	NC	28031
00535625	CRESPI	CHARLES LIVING TRUST	SILVANA LIVING TRUST	CRESPI	17225		GRAND CENTRAL	WY		HUNTERSVILLE	327 N HIGHLAND AVE		LOS ANGELES	CA	90036
00535626	PANN	ANTHONY R	JOAN B	PANN	17231		GRAND CENTRAL	WY		HUNTERSVILLE	17231 GRAND CENTRAL WY		HUNTERSVILE	NC	28078
00535627	MCINTOSH	ELIZABETH A			17237		GRAND CENTRAL	WY		HUNTERSVILLE	17237 GRAND CENTRAL WY		CORNELIUS	NC	28031
00535628	PIERCE	STEPHANIE I	SHIRLEY E	PIERCE	17243		GRAND CENTRAL	WY		HUNTERSVILLE	17243 GRAND CENTRAL WY		CORNELIUS	NC	28231
00535629	HUSKEY	MARY BETH			17305		GRAND CENTRAL	WY		HUNTERSVILLE	17305 GRAND CENTRAL WY		CORNELIUS	NC	28031
00535630	LILJA	KURT J	KATHLEEN A	DEVINCKE	17311		GRAND CENTRAL	WY		HUNTERSVILLE	17311 GRAND CENTRAL WY		CORNELIUS	NC	28031
00535631	SCHNEIDER	JANISVIVIAN N			17317		GRAND CENTRAL	WY		HUNTERSVILLE	17317 GRAND CENTRAL WAY		CORNELIUS	NC	28031

00535632	D R HORTON INC - TORREY				17323		GRAND CENTRAL	WY		HUNTERSVILLE	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00535633	D R HORTON INC - TORREY				17327		GRAND CENTRAL	WY		HUNTERSVILLE	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00535646	PERKINSON	SUZANNE K	ANTHONY P	THOMPSON	9850		CALDWELL DEPOT	RD		CORNELIUS	9850 CALDWELL DEPOT RD		CORNELIUS	NC	280321
00535647	CALDWELL STATION HOMEOWNERS	ASSOCIATION INC					GRAND CENTRAL	WY		HUNTERSVILLE	1110 S TRYON ST #100		CHARLOTTE	NC	28203
00535805	CALDWELL STATION HOMEOWNERS	ASSOCIATION INC					TRAIN STATION	DR		CORNELIUS	1110 S TRYON ST #100		CHARLOTTE	NC	28203
00544415	PHILLIPS	CHRISTOPHER TOBIAS	CHRISTINA	PHILLIPS	16926		LAUREATE	RD		HUNTERSVILLE	16926 LAUREATE RD		HUNTERSVILLE	NC	28078
00544420	HAMPTON RIDGE HOMEOWNERS OF	CHARLOTTE INC					LAUREATE	RD		HUNTERSVILLE	5250 SEVENTY SEVEN CENTER DR	#350	CHARLOTTE	NC	28217

REACH A5a_A18a
RANK (NEED & FEASIBILITY) 25
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00511103	WESTMORELAND COMMUNITIES LLC				18644		ROSALYN GLEN	RD		CORNELIUS	6707 FAIRVIEW RD #B		CHARLOTTE	NC	28210-3354
00513106	BLAKELY	ANNIE L				N	I-77	HY		UNINC	21132 BRINKLEY ST		CORNELIUS	NC	28031
00513121	BLAKELY	JAMES R	ANNIE L	BLAKELY		N	I-77	HY		UNINC	21132 BRINKLEY ST		CORNELIUS	NC	28031
00526108	YOUNG	DONNA W			19211		DUTCH IRIS	LN		CORNELIUS	19211 DUTCH IRIS LN		CORNELIUS	NC	28031
00526109	KILLIAN	JAMES E	CYNTHIA B	KILLIAN	19219		DUTCH IRIS	LN		CORNELIUS	PO BOX 1218		NEWTON	NC	28652
00526308	STEPHENSON	RANDOLPH E JR			19238		DUTCH IRIS	LN		CORNELIUS	19238 DUTCH IRIS LN		CORNELIUS	NC	28031
00526309	GARRICK	JONATHAN G			19230		DUTCH IRIS	LN		CORNELIUS	19230 DUTCH IRIS LN		CORNELIUS	NC	28031
00526310	PARK	FAMILY TRUST			8851		MAGNOLIA ESTATES	DR		CORNELIUS	8851 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031-7847
00526311	CRIFASI	RICHARD P		GERALDINE CRIFASI (H/W)	8861		MAGNOLIA ESTATES	DR		CORNELIUS	8861 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031
00526312	KENYON	BRIAN R	MARIE E	KENYON	8907		MAGNOLIA ESTATES	DR		CORNELIUS	8907 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031
00526313	ERDT	MICHAEL J			8915		MAGNOLIA ESTATES	DR		CORNELIUS	8915 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031
00526314	DIETRICH	CHRISTINE L			8923		MAGNOLIA ESTATES	DR		CORNELIUS	8923 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031
00526315	REYNOLDS	LISETTE N	ROBERT	REYNOLDS	8931		MAGNOLIA ESTATES	DR		CORNELIUS	8931 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031
00526316	HARRISON	CHRISTOPHER R	GRETCHEN M	YOUNG	8939		MAGNOLIA ESTATES	DR		CORNELIUS	8939 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031
00526317	LAMBERT	ALLEN MICHAEL			8947		MAGNOLIA ESTATES	DR		CORNELIUS	8947 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031-7849
00526318	ISAKSON	KARL R			19201		ENGLISH DAISY	DR		CORNELIUS	19201 ENGLISH DAISEY DR		CORNELIUS	NC	28031
00526319	BELK	B V JR			19205		ENGLISH DAISY	DR		CORNELIUS	4508 E INDEPENDENCE BV	#207	CHARLOTTE	NC	28205
00526320	BELK	B V JR			19207		ENGLISH DAISY	DR		CORNELIUS	4508 E INDEPENDENCE BV	#207	CHARLOTTE	NC	28205
00526321	FOURNET	WILLIAM D	TERRI H	FOURNET	19206		ENGLISH DAISY	DR		CORNELIUS	19206 ENGLISH DAISY CT		CORNELIUS	NC	28031-7875

REACH U17a
RANK (NEED & FEASIBILITY) 26
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE

01742108	CPCC	(TRUSTEES)			11930		VERHOEFF	DR		HUNTERSVILLE	PO BOX 35009		CHARLOTTE	NC	28235
01742109	CENTRAL PIEDMONT	COMMUNITY COLLEGE		%TRUSTEES			VERHOEFF	DR		HUNTERSVILLE	PO BOX 35009		CHARLOTTE	NC	28235
01742110	MECKLENBURG COUNTY	CHRONIC DISEASE		% REAL ESTATE /FINANCE DEPT			VERHOEFF	DR		HUNTERSVILLE	600 E 4TH ST FL 11		CHARLOTTE	NC	28202-2816

REACH U20
RANK (NEED & FEASIBILITY) 27
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01736102	STANCIL	SYDNEY WHITENER					OLD STATESVILLE	RD		HUNTERSVILLE	PO BOX 1576		HUNTERSVILLE	NC	28070-1576
01742109	CENTRAL PIEDMONT	COMMUNITY COLLEGE		%TRUSTEES			VERHOEFF	DR		HUNTERSVILLE	PO BOX 35009		CHARLOTTE	NC	28235
01742110	MECKLENBURG COUNTY	CHRONIC DISEASE		% REAL ESTATE /FINANCE DEPT			VERHOEFF	DR		HUNTERSVILLE	600 E 4TH ST FL 11		CHARLOTTE	NC	28202-2816

REACH F8a
RANK (NEED & FEASIBILITY) 28
RECOMMENDATION Buffer Enhancement

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00502109	FREEMAN	J SMITH		COTTON`S COVE LLC	18121		OLD STATESVILLE	RD		UNINC	5326 ROBINHOOD RD		CHARLOTTE	NC	28211
00502114	GULBRANSON	ROBERT E		KIMBERLY M MUELLER	18045		OLD STATESVILLE	RD		UNINC	18045 OLD STATESVILLE RD		CORNELIUS	NC	28031
00502116	HOWARD	JOHN CLARK JR		BETTY BAKER			OLD STATESVILLE	RD		UNINC	PO BOX 1056		CORNELIUS	NC	28031
00502117	HOWARD	JOHN CLARK JR		BETTY BAKER	18021		OLD STATESVILLE	RD		UNINC	PO BOX 1056		CORNELIUS	NC	28031
00502118	BAKER	HOWARD H JR	JOYCE P	BAKER	18009		OLD STATESVILLE	RD		UNINC	18009 OLD STATESVILLE RD		CORNELIUS	NC	28031
00502125	CRESCENT ELECTRIC MEMBERSHIP	CORP			18019		OLD STATESVILLE	RD		UNINC	PO BOX 1150		STATESVILLE	NC	28687-1150
00502202	D R HORTON INC-TORREY				18004		CALDWELL TRACK	DR		CORNELIUS	1100 S TRYON ST #100		CHARLOTTE	NC	28203
00502210	D R HORTON INC-TORREY						CALDWELL TRACK	DR		CORNELIUS	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00535103	BROTHERTON T L INC			%SHEILA KERR, SECRETARY	10350		BAILEY	RD		UNINC	13223 WILLOW BREEZE LN		HUNTERSVILLE	NC	28078
00535201	D R HORTON INC-TORREY				18411		TRAIN STATION	DR		CORNELIUS	1100 S TRYON ST #100		CHARLOTTE	NC	28203
00535202	D R HORTON INC-TORREY				18417		TRAIN STATION	DR		CORNELIUS	1100 S TRYON ST #100		CHARLOTTE	NC	28203
00535203	D R HORTON INC-TORREY				18421		TRAIN STATION	DR		CORNELIUS	1100 S TRYON ST #100		CHARLOTTE	NC	28203
00535204	D R HORTON INC-TORREY				18427		TRAIN STATION	DR		CORNELIUS	1100 S TRYON ST #100		CHARLOTTE	NC	28203
00535205	D R HORTON INC-TORREY				18431		TRAIN STATION	DR		CORNELIUS	1100 S TRYON ST #100		CHARLOTTE	NC	28203
00535275	D R HORTON INC-TORREY						CALDWELL TRACK	DR		CORNELIUS	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00535295	D R HORTON INC-TORREY				11000		BAILEY	RD		CORNELIUS	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00535709	D R HORTON INC-TORREY				18115		TRAIN STATION	DR		CORNELIUS	1100 S TRYON ST #100		CHARLOTTE	NC	28203
00535710	D R HORTON INC-TORREY				18119		TRAIN STATION	DR		CORNELIUS	1100 S TRYON ST #100		CHARLOTTE	NC	28203

REACH F28b
RANK (NEED & FEASIBILITY) 29
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00503219	TOWN OF CORNELIUS					N	STATESVILLE	RD		HUNTERSVILLE	PO BOX 339		CORNELIUS	NC	28031
00503219	TOWN OF CORNELIUS THE						STATESVILLE	RD		UNINC	PO BOX 399		CORNELIUS	NC	28031
00532123	STANDISH	TOM			17642		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17642 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532124	WOHLLEBER	EMILY S	EDWARD P	WOHLLEBER	17640		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17640 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532125	MARCELA	MICHAEL R	MARSHALENE H	MARCELA	17634		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17634 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532126	BIAS	MARK R		ANNE CLAGG BIAS (H/W)	17628		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17628 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532127	SHULTZ	MATTHEW A		MELISSA L SHULTZ (H/W)	17622		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17622 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532128	BEAL	CLYDE R JR		SHELBY M BEAL (H/W)	17616		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17616 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532129	GIGNAC	FRED	JILL	GIGNAC	17610		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17610 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532130	NASIFE	SAMUEL N JR	JOSIE L	NASIFE	17604		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17604 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532131	RISLEY	DEREK L	KAREN S	RISLEY	17526		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17526 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532132	BATES	CHRISTOPHER R	KRISTI A	MARTIN	17520		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17520 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532133	PASOLA	DANIEL	CHRISTINA	PASOLA	17514		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17514 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532134	LANG	DIANA W			17508		CAMBRIDGE GROVE	DR		HUNTERSVILLE	828 CATHEY ROAD		CHARLOTTE	NC	28214
00532135	TALBOYS	MICHAEL W	MARILYN A	TALBOYS	17502		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17502 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532136	HILL	RICHARD E			17440		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17440 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532137	MURPHEY	JAMES N		ELIZABETH A MURPHEY (H/W)	17434		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17434 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532138	PAUL	ROGER	LORETTA A	PAUL	17428		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17428 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532139	MOSTERT	BRENT ROSS		SUSAN JANE	17422		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17422 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532140	SMITH	JEFFREY W II			17414		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17414 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532141	HYLTON	DIANE	RONALD	HYLTON	17406		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17326 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532170	BORCICH	MEREDITH	CHRISTOPHER L %V FISHER	BORCICH	17259		GLASSFIELD	DR		HUNTERSVILLE	4534 ICARD RIDGE RD		HICKORY	NC	28601
00532171	HEROLD	ERIC C	ANN E	HEROLD	17301		GLASSFIELD	DR		HUNTERSVILLE	17301 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532172	KIM	JOHN J	JULIET	KIM	17307		GLASSFIELD	DR		HUNTERSVILLE	17307 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532173	DORN	VERNON F JR		THERESA A DORN (H/W)	17313		GLASSFIELD	DR		HUNTERSVILLE	17313 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532174	BREUNIG	CHAD O	ERIN L	BREUNIG	17319		GLASSFIELD	DR		HUNTERSVILLE	17319 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532175	RUTZINSKI	JASON L	SUSANNE G	RUTZINSKI	17409		GLASSFIELD	DR		HUNTERSVILLE	17409		HUNTERSVILLE	NC	28078

											GLASSFIELD DR				
00532176	MULLIS	ASHLEY B	DEANNA S	MULLIS	17417		GLASSFIELD	DR		HUNTERSVILLE	17417 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532177	MARCUS	MICHAEL H,	KIMBERLY A	MARCUS	17425		GLASSFIELD	DR		HUNTERSVILLE	17425 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532178	SPAGNOLI	WENDY J Z			17433		GLASSFIELD	DR		HUNTERSVILLE	17433 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532179	GULAN	SCOTT A	SHERYL E	GULAN	17441		GLASSFIELD	DR		HUNTERSVILLE	17441 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532180	RUSSELL	MICHAEL F	TRACY T	RUSSELL	17443		GLASSFIELD	DR		HUNTERSVILLE	17443 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532195	P G DEVELOPMENT LLC						CAMBRIDGE GROVE	DR		HUNTERSVILLE	10590 INDEPENDENCE POINTE PKWY		MATTHEWS	NC	28105-3783

REACH B8a
RANK (NEED & FEASIBILITY) 30
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00516661	ROBERTSON	JAMES E	SUSAN E	ROBERTSON	21108		PINE RIDGE	DR		CORNELIUS	6028 DELTA CROSSING LN APT G		CHARLOTTE	NC	28212-2371
00516662	WOJTOWICZ	JAMES J	MARY E	WHITNEY	21100		PINE RIDGE	DR		CORNELIUS	2110 PINE RIDGE DR		CORNELIUS	NC	28031
00516663	NASH	DORIS A	MICHAEL R	NASH	21038		PINE RIDGE	DR		CORNELIUS	16602 AMERICA CUP RD		CORNELIUS	NC	28031
00516664	DIXON	SUSANNE PAYNE		SAMUEL THOMAS	21030		PINE RIDGE	DR		CORNELIUS	21030 PINE RIDGE RD		CORNELIUS	NC	28031-9765
00516665	ESTRIDGE	JOHN THOMAS		KAREN MARIE	21022		PINE RIDGE	DR		CORNELIUS	21022 PINE RIDGE RD		CORNELIUS	NC	28031-9765
00516666	MOSES	DOUGLAS W	KAREN L	MOSES	21014		PINE RIDGE	DR		CORNELIUS	21014 PINE RIDGE RD		CORNELIUS	NC	28031-9765
00516667	MAYAK	MICHAEL A	NIKKI	MAYAK	21006		PINE RIDGE	DR		CORNELIUS	21006 PINE RIDGE DR		CORNELIUS	NC	28031
00516668	PAUK	DONALD R			20948		PINE RIDGE	DR		CORNELIUS	PO BOX 1641		CORNELIUS	NC	28031
00516678	MECKLENBURG COUNTY			% REAL ESTATE /FINANCE DEPT	20243		FLORAL	LN		CORNELIUS	600 E 4TH ST 11TH FLOOR		CHARLOTTE	NC	28202-2816
00525510	CARTER	STACY ELAINE			10205		DANESWAY	LN		CORNELIUS	10205 DANESWAY LN		CORNELIUS	NC	28031
00525511	BLICKENSTAFF	MARC W			10211		DANESWAY	LN		CORNELIUS	10211 DANEWAY LN		CORNELIUS	NC	28031
00525512	GREEN	BARBARA K			10215		DANESWAY	LN		CORNELIUS	10215 DANESWAY LN		CORNELIUS	NC	28031
00525513	WILLIAMS	MARK A	ELIZABETH P	WILLIAMS	10219		DANESWAY	LN		CORNELIUS	10219 DANESWAY LN		CORNELIUS	NC	28031
00525514	MISENAR	RYAN S		LISA M MISENAR (H/W)	10223		DANESWAY	LN		CORNELIUS	10223 DANESWAY LN		CORNELIUS	NC	28031
00525515	SANFILIPPO	THOMAS J JR	JOAN	SANFILIPPO	10227		DANESWAY	LN		CORNELIUS	10227 DANESWAY LN		CORNELIUS	NC	28031
00525599	MECKLENBURG COUNTY				10313		DANESWAY	LN		CORNELIUS	600 E FOURTH ST		CHARLOTTE	NC	28202
00529162	HARRIS	CYNTHIAN L			19836		COACHMAN'S TRACE			CORNELIUS	19830 COACHMAN`S TRACE		CORNELIUS	NC	28031
00529163	HARRIS	CYNTHIA L			19830		COACHMAN'S TRACE			CORNELIUS	19830 COACHMAN`S TRACE CT		CORNELIUS	NC	28031
00529173	TOWN OF CORNELIUS THE				20100		COACHMANS WOOD	LN		CORNELIUS	PO BOX 399		CORNELIUS	NC	28031
00529174	LUNTSFORD	JOHN S	DAPHNE T	LUNTSFORD	20101		COACHMANS WOOD	LN		CORNELIUS	20101 COACHMANS TRACE LN		CORNELIUS	NC	28031
00529175	MIKE JOCOY CUSTON HOMES LLC				20105		COACHMANS WOOD	LN		CORNELIUS	19135 RUFFNER DR		CORNELIUS	NC	28031
00529176	GANDY PROPERTIES LLC				20109		COACHMANS WOOD	LN		CORNELIUS	PO BOX 2326		CORNELIUS	NC	28031
00529177	GANDY PROPERTIES LLC				20115		COACHMANS WOOD	LN		CORNELIUS	PO BOX 2326		CORNELIUS	NC	28031

00529178	GANDY PROPERTIES LLC				20125		COACHMANS WOOD	LN		CORNELIUS	PO BOX 2326		CORNELIUS	NC	28031
00529179	MIKE JOCOY CUSTOM HOMES LLC				19842		COACHMAN'S TRACE			CORNELIUS	19135 RUFFNER DR		CORNELIUS	NC	28031
00529197	WEATHERSTONE MANOR OWNERS	ASSOCIATION INC		C/O WILLOW CREEK OF NC LLC			COACHMANS WOOD	LN		CORNELIUS	8508 PARK RD #188		CHARLOTTE	NC	28210
00529198	AMERICAN LUMBER CO LLC						COACHMAN'S TRACE			CORNELIUS	5914 HANNA CT		CHARLOTTE	NC	28212

REACH L3a
RANK (NEED & FEASIBILITY) 31
RECOMMENDATION Bank Stabilization upstream of Statesville Rd. / Restoration downstream

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01712105	TRIANGLE REAL ESTATE OF	GASTONIA INC		% HEATHER INGRAM	10604		HUNTERSVILLE COMMONS	DR		HUNTERSVILLE	3500 AMERICAN BOULEVARD WEST	SUITE 500	BLOOMINGTON	MN	55431
01712141	ARAHOVA LLC					N	STATESVILLE	RD		HUNTERSVILLE	534 TURNERSBURG HWY		STATESVILLE	NC	28625
01714402	PATEL	DINESH AMBALA	LEENA D	PATEL	14601		MARUTI	AV		HUNTERSVILLE	4526 WILKINSON BLVD		CHARLOTTE	NC	28208-5531
01714410	PATEL	DINESH AMBALA		LEENA D PATEL (H/W)			MARUTI	AV		HUNTERSVILLE	4526 WILKINSON BLVD		CHARLOTTE	NC	28208-5531
01715307	CITY OF CHARLOTTE					N	STATESVILLE	RD		HUNTERSVILLE	600 EAST 4TH ST		CHARLOTTE	NC	28202
01715308	ENCAR REALTY LLC				531		HUNTERSVILLE GATEWAY	BV		HUNTERSVILLE	11145 METROMONT PKWY		CHARLOTTE	NC	28269
01735109	ZYK	PETER F			111		CAMBRIDGE	RD		HUNTERSVILLE	111 CAMBRIDGE RD		HUNTERSVILLE	NC	28078-9007

REACH A13a
RANK (NEED & FEASIBILITY) 32
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00511103	WESTMORELAND COMMUNITIES LLC				18644		ROSALYN GLEN	RD		CORNELIUS	6707 FAIRVIEW RD #B		CHARLOTTE	NC	28210-3354
00511319	WESTMORELAND COMMUNITIES LLC						ROSALYN GLEN	RD		UNINC	6707 FAIRVIEW RD #B		CHARLOTTE	NC	28210-3354

REACH F5a
RANK (NEED & FEASIBILITY) 33
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00522207	AUTEN	JAMES L JR	KAREN Z	AUTEN	10436		BAILEY	RD		UNINC	10436 BAILEY RD		CORNELIUS	NC	28031
00522208	BROTHERTON	THOMAS L JR	MARIAN J	BROTHERTON	10416		BAILEY	RD		UNINC	10416 BAILEY RD		CORNELIUS	NC	28031
00522213	DMC PROPERTIES INC				18624		NORTHLINE	DR		CORNELIUS	PO BOX 1629		BELMONT	NC	28012
00522214	PADGETT	JAMES W		PHILIP W SAFRIET	18612		NORTHLINE	DR		CORNELIUS	PO BOX 1480		CORNELIUS	NC	28031
00522217	LANCTO	JON A	GAYLE C	LANCTO	18623		NORTHLINE	DR		CORNELIUS	405 STATION 12 ST		SULLIVANS ISLAND	SC	29482
00533110	P&M ASPLAND LLC				18626		STARCREEK	DR		CORNELIUS	PO BOX 31457		CORNELIUS	NC	28031-9203
00533111	QKT LLC				18610		STARCREEK	DR		CORNELIUS	18610		CORNELIUS	NC	28031

											STARCREEK DR				
00533120	JKH PROPERTIES LLC				18611		STARCREEK	DR		CORNELIUS	18611 STARCREEK DR		CORNELIUS	NC	28031
00533121	BOOZELL PROPERTIES LLC				18619		STARCREEK	DR		CORNELIUS	18724-I NAUTICAL DR		CORNELIUS	NC	28031
00535103	BROTHERTON T L INC			%SHEILA KERR, SECRETARY	10350		BAILEY	RD		UNINC	13223 WILLOW BREEZE LN		HUNTERSVILLE	NC	28078
00535106	D R HORTON INC - TORREY				11000		BAILEY	RD		HUNTERSVILLE	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00535295	D R HORTON INC-TORREY				11000		BAILEY	RD		CORNELIUS	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00535801	D R HORTON INC-TORREY				17925		TRAIN STATION	DR		CORNELIUS	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00535805	CALDWELL STATION HOMEOWNERS	ASSOCIATION INC					TRAIN STATION	DR		CORNELIUS	1110 S TRYON ST #100		CHARLOTTE	NC	28203
00522C98	ACCESSIBILITY PRODUCTS LLC				18605		NORTHLINE	DR		CORNELIUS	18007 NANTZ RD		CORNELIUS	NC	28031
00522C98	ADCOCK	GARY L			18605		NORTHLINE	DR		CORNELIUS	704 E 10TH ST		CHARLOTTE	NC	28202
00522C98	ANDAAS	GARY W		JEANNE M ANDAAS (H/W)	18605		NORTHLINE	DR		CORNELIUS	17305 CONNOR QUAY CT		CORNELIUS	NC	28031-6502
00522C98	ANDRETTI	JOHN ANDREW TRUST		(JOHN ANDRETTI TRUSTEE)	18605		NORTHLINE	DR		CORNELIUS	107 KEATS RD		MOORESVILLE	NC	28117
00522C98	AUGUSTA REALTY INC				18605		NORTHLINE	DR		CORNELIUS	10602 BAILEY RD #B		CORNELIUS	NC	28031
00522C98	BATY	GREGORY DON			18605		NORTHLINE	DR		CORNELIUS	10811 WYNDHAM POINTE DR		CHARLOTTE	NC	28213
00522C98	BATY GREGORY DON				18605		NORTHLINE	DR		CORNELIUS	10811 WYNDHAM POINTE DR		CHARLOTTE	NC	28213
00522C98	BETHUNE	ERNEST E JR			18605		NORTHLINE	DR		CORNELIUS	18525 STATESVILLE RD #D-06		CORNELIUS	NC	28031
00522C98	BICKFORD	JOHN S	CAROL A	BICKFORD	18605		NORTHLINE	DR		CORNELIUS	1094 BERKLEY PLACE		CONCORD	NC	28027
00522C98	BOST	JOHN M		BILLIE R BOST (H/W)	18605		NORTHLINE	DR		CORNELIUS	22045 SATILLA DR		CORNELIUS	NC	28031
00522C98	BRADY	DAVID			18605		NORTHLINE	DR		CORNELIUS	PO BOX 237		PHILOMONT	VA	20131
00522C98	BRENNER	RICHARD F			18605		NORTHLINE	DR		CORNELIUS	16201 JETTON RD		CORNELIUS	NC	28031-7433
00522C98	C D SMITH DEVELOPMENT	GROUP INC			18605		NORTHLINE	DR		CORNELIUS	PO BOX 908		DAVIDSON	NC	28036
00522C98	CHERRY	JOHN R		JUNE B CHERRY (H/W)	18605		NORTHLINE	DR		CORNELIUS	PO BOX 1028		CORNELIUS	NC	28031
00522C98	CLARK	MALCOLM A JR	SHERRIE S	CLARK	18605		NORTHLINE	DR		CORNELIUS	112 SANDPIPER DR		MOORESVILLE	NC	28117
00522C98	COLORWORKS OF DILWORTH	INC			18605		NORTHLINE	DR		CORNELIUS	3206 MOORES GLEN DR		CHARLOTTE	NC	28209
00522C98	CONE	WALTER			18605		NORTHLINE	DR		CORNELIUS	19023 WILDCAT TRAIL		DAVIDSON	NC	28036
00522C98	CROOKS	CHARLES R	RHONDA L	CROOKS	18605		NORTHLINE	DR		CORNELIUS	10513 ARLEDGE LN		HUNTERSVILLE	NC	28078
00522C98	DOGGETT	DONALD D			18605		NORTHLINE	DR		CORNELIUS	20027 NORTH COVE DR		CORNELIUS	NC	28031
00522C98	DONAHUE	PATRICK	MELISSA	DONAHUE	18605		NORTHLINE	DR		CORNELIUS	16204 WINNOW CT		CORNELIUS	NC	28031
00522C98	DOWNEY	DARRIN F	SANDRA E	DOWNEY	18605		NORTHLINE	DR		CORNELIUS	820 LAKEVIEW SHORES LOOP		MOORESVILLE	NC	28117
00522C98	DRAKE	MANNING R	LISA J	DRAKE	18605		NORTHLINE	DR		CORNELIUS	9154 HILLSTON RIDGE RD		HUNTERSVILLE	NC	28078
00522C98	ELLER	GYNN			18605		NORTHLINE	DR		CORNELIUS	18103 HARBOR LIGHT BLVD		CORNELIUS	NC	28031
00522C98	ETTERS	JOHN ROBERT JR	ANITA G	AYERS	18605		NORTHLINE	DR		CORNELIUS	16105 HARVEST MOON CT		HUNTERSVILLE	NC	28078
00522C98	FARMER	DAVID KEITH			18605		NORTHLINE	DR		CORNELIUS	18901 RIVERFORD DR		DAVIDSON	NC	28036
00522C98	FISHER	JAMES P	CATHLEEN H	FISHER	18605		NORTHLINE	DR		CORNELIUS	10662 GREYHOUND DR		CHARLOTTE	NC	28269
00522C98	HELMS	GREGORY M	RENEE L	HELMS	18605		NORTHLINE	DR		CORNELIUS	18518		CORNELIUS	NC	28031

											STATESVILLE RD				
00522C98	HELMS-PURSER INVESTMENTS				18605		NORTHLINE	DR		CORNELIUS	18518 STATESVILLE RD		CORNELIUS	NC	28031
00522C98	HONEYCUTT	GERALD	CHERYL	HONEYCUTT	18605		NORTHLINE	DR		CORNELIUS	21201 ALTO TERRA DR		CORNELIUS	NCNC	28031
00522C98	HPSSMC LLC				18605		NORTHLINE	DR		CORNELIUS	11106 TREYNORTH DR		CORNELIUS	NC	28031
00522C98	HPSSMC, LLC				18605		NORTHLINE	DR		CORNELIUS	18605 NORTHLINE DRIVE	SUITE A-1	CORNELIUS	NC	28031
00522C98	HYDE PARK STORAGE SUITES INC				18605		NORTHLINE	DR		CORNELIUS	PO BOX 1677		CORNELIUS	NC	28031
00522C98	JOHN ANDREW ANDRETTI 1992	TRUST U/A DTD 09/09/92			18605		NORTHLINE	DR		CORNELIUS	107 KEATS RD		MOORESVILLE	NC	28117
00522C98	JULIAN	RONALD L	TERESA L	JULIAN	18605		NORTHLINE	DR		CORNELIUS	106-2 PINERIDGE DR		HUNTERSVILLE	NC	28078
00522C98	KILLION	MARK	SHERRI L	KAFTAL	18605		NORTHLINE	DR		CORNELIUS	19501 TRINTELLA LN		CORNELIUS	NC	28031
00522C98	KISIAH	DONALD R		JOSEPHINE D KISIAH (H/W)	18605		NORTHLINE	DR		CORNELIUS	PO BOX 1162		HUNTERSVILLE	NC	28078
00522C98	KKG LLC				18605		NORTHLINE	DR		CORNELIUS	17020 BEVERLY DR		EDEN PRAIRIE	MN	55347
00522C98	KNAUS	CHAD			18605		NORTHLINE	DR		CORNELIUS	149 PIN OAK LN		MOORESVILLE	NC	28117
00522C98	KUCK	DENNIS			18605		NORTHLINE	DR		CORNELIUS	PO BOX 86		LINCOLNTON	NC	28092
00522C98	LEWIS	JAMES E			18605		NORTHLINE	DR		CORNELIUS	214 GRAND POINTE DR		PALM BEACH GARDENS	FL	33418-4629
00522C98	LINDAUBER	ROBERT G JR			18605		NORTHLINE	DR		CORNELIUS	2442 CLOISTER DR		CHARLOTTE	NC	28211
00522C98	MCKEE	FABIUS E JR			18605		NORTHLINE	DR		CORNELIUS	22554 JOHN GAMBLE RD		CORNELIUS	NC	28031
00522C98	MCKENNEY	TERRY			18605		NORTHLINE	DR		CORNELIUS	18201 TOWN HARBOUR RD		CORNELIUS	NC	28031-7775
00522C98	MCSWAIN	MICHAEL D	MARY DEANNA	MCSWAIN	18605		NORTHLINE	DR		CORNELIUS	103 WHITECREST LN		MOORESVILLE	NC	28117
00522C98	MDMM PROPERTIES LLC				18605		NORTHLINE	DR		CORNELIUS	PO BOX 1707		MOORESVILLE	NC	28115
00522C98	MORRIS	BOB SIDNEY JR			18605		NORTHLINE	DR		CORNELIUS	19045 BRIGADOON PL		CORNELIUS	NC	28031
00522C98	NEW WORLD RACING INC				18605		NORTHLINE	DR		CORNELIUS	18605 C1 NORTHLINE DR		CORNELIUS	NC	28031-9374
00522C98	NEW WORLD RACING, INCORPORATED				18605		NORTHLINE	DR		CORNELIUS	1812 HARBOR LAKE BLVD		CORNELIUS	NC	28031
00522C98	NOWOKUNSKI	EDWARD D	CAROLYN G	NOWOKUNSKI	18605		NORTHLINE	DR		CORNELIUS	4633 MULLENS FORD RD		CHARLOTTE	NC	28226
00522C98	OSBORNE	HUGH M		CATHY S OSBORNE (H/W)	18605		NORTHLINE	DR		CORNELIUS	10028 GREEN POND LN		HUNTERSVILLE	NC	28078
00522C98	PAGE	ASHLEY M	LINDA S	PAGE	18605		NORTHLINE	DR		CORNELIUS	12700 ANGEL OAK DR		HUNTERSVILLE	NC	28078
00522C98	PARSONS	PHIL			18605		NORTHLINE	DR		CORNELIUS	PO BOX 46609		LOS ANGELES	CA	90046
00522C98	PHETTERPLACE	CHARLES J III	SUZANNE BOND	PHETTERPLACE	18605		NORTHLINE	DR		CORNELIUS	PO BOX 1536		DAVIDSON	NC	28036
00522C98	RACER PROPERTIES LLC				18605		NORTHLINE	DR		CORNELIUS	7617 WINDALIERE DR		CORNELIUS	NC	28031
00522C98	RATHKE	DAVID	BETH	RATHKE	18605		NORTHLINE	DR		CORNELIUS	115 HAPPY OAKS RD		MOORESVILLE	NC	28117
00522C98	READING	SCOTT W	RHONDA	READING	18605		NORTHLINE	DR		CORNELIUS	1822 BELVEDERE AVE		CHARLOTTE	NC	28205
00522C98	RLBRLG LLC				18605		NORTHLINE	DR		CORNELIUS	PO BOX 1462		CORNELIUS	NC	28031
00522C98	SCHIEFERDECKER	ADRIAAN E			18605		NORTHLINE	DR		CORNELIUS	18709 PENINSULA COVE LN		CORNELIUS	NC	28031
00522C98	SCHMITZ	DENNIS J	CONSTANCE E	SCHMITZ	18605		NORTHLINE	DR		CORNELIUS	322 SOUTH LIBERTY WAY		ORANGE	CA	92869
00522C98	SCHORNAK	JOHN D	MARCIA J	SCHORNAK	18605		NORTHLINE	DR		CORNELIUS	14931 ALEXANDER PLACE DR		HUNTERSVILLE	NC	28078-3215

00522C98	STL INVESTMENTS LLC				18605		NORTHLINE	DR		CORNELIUS	7617 WINDALIERE DR		CORNELIUS	NC	28031
00522C98	TAKES	MICHAEL E	JANICE P	TAKES	18605		NORTHLINE	DR		CORNELIUS	21307 RIO ORO DR		CORNELIUS	NC	28031
00522C98	TRT-NC LLC				18605		NORTHLINE	DR		CORNELIUS	PO BOX 1069		DENVER	NC	28037
00522C98	UPCHURCH	GETTIS			18605		NORTHLINE	DR		CORNELIUS	8218 BARHARBOR LLN		CHARLOTTE	NC	28210
00522C98	VANCE	TODD	KAREN	VANCE	18605		NORTHLINE	DR		CORNELIUS	19314 MARY ARDREY DR		CORNELIUS	NC	28031
00522C98	WHITE	SARA			18605		NORTHLINE	DR		CORNELIUS	17235 CONNOR QUAY CT		CORNELIUS	NC	28031
00522C98	WISEMAN	LESTER			18605		NORTHLINE	DR		CORNELIUS	200 HIDEWAY LN		MOORESVILLE	NC	28117
00522C98	WISSING	BEVERLY B			18605		NORTHLINE	DR		CORNELIUS	601 HERMITAGE CT		CHARLOTTE	NC	28207-1415
00522C98	YATES	JAMES ROBERT			18605		NORTHLINE	DR		CORNELIUS	PO BOX 3640		MOORESVILLE	NC	28117
00522C99	ALLERTEC OF AMERICA LTD				10620		BAILEY	RD		CORNELIUS	10620 ABCD BAILEY RD		CORNELIUS	NC	28031
00522C99	CAMELI	THOMAS P		DONNA CAMELI (H/W)	10616		BAILEY	RD		CORNELIUS	17205 VINTAGE OAK CT		CORNELIUS	NC	28031
00522C99	HILL	JEFFREY		MARY C HILL (H/W)	10616		BAILEY	RD		CORNELIUS	6629 APRIL MIST TRL		HUNTERSVILLE	NC	28078-2322
00522C99	JENNER	BRUCE C		PAMELA A JENNER (H/W)	10616		BAILEY	RD		CORNELIUS	19722 LAKE NORMAN BV		CORNELIUS	NC	28031
00522C99	LANCTO	JON	GAYLE	LANCTO	10616		BAILEY	RD		CORNELIUS	405 STATION 12 ST		SULLIVANS ISLAND	SC	29482
00522C99	REYNOLDS	SANDRA KILBY			10616		BAILEY	RD		CORNELIUS	16931 BELLE ISLE DR		CORNELIUS	NC	28031
00522C99	SCREEN PORCH LLC				10620		BAILEY	RD		CORNELIUS	18602 BAILEY RD #B		CORNELIUS	NC	28031

REACH B6a
RANK (NEED & FEASIBILITY) 34
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00515423	SPRAGUE	RAYMOND		KATHLEEN J TURNER	21102		TOWNWOOD	DR		CORNELIUS	21102 TOWNWOOD DR		CORNELIUS	NC	28031
00515424	GRIECO	LINDA J			21101		TOWNWOOD	DR		CORNELIUS	21101 TOWNWOOD DR		CORNELIUS	NC	28031
00515425	MAYNE	STEPHEN T	HANNAH L	MAYNE	21105		TOWNWOOD	DR		CORNELIUS	21105 TOWNWOOD DR		CORNELIUS	NC	28031
00515426	OXIDINE	RANDALL	JACQUELINE	OXIDINE	21107		TOWNWOOD	DR		CORNELIUS	21107 TOWNWOOD DR		CORNELIUS	NC	28031
00515427	HAGER	JOSEPH E	MARISSA M	HAGER	21111		TOWNWOOD	DR		CORNELIUS	21111 TOWNWOOD DR		CORNELIUS	NC	28031
00515428	FLEWELL	DONALD M II	JACKIE M	FLEWELL	21115		TOWNWOOD	DR		CORNELIUS	21115 TOWNWOOD DR		CORNELIUS	NC	28031
00521263	TURNER	KEVIN A			21427		AFTONSHIRE	DR		CORNELIUS	21427 AFTONSHIRE DR		CORNELIUS	NC	28031
00521C95	BOMBAY	DONALD	MARLENE	BOMBAY	19715		FERIBA	PL		CORNELIUS	19715 FERBIA PL		CORNELIUS	NC	28031
00521C95	BONNELL	RAIFORD G			19729		FERIBA	PL		CORNELIUS	19729 FERBIA PL #26-C		CORNELIUS	NC	28031
00521C95	BRAXTON	EDWARD M	JAYNE F	BRAXTON	19717		FERIBA	PL		CORNELIUS	PO BOX 422		DAVIDSON	NC	28036
00521C95	FICARRA	NATALE	JOHN	FICARRA	19731		FERIBA	PL		CORNELIUS	19731 FERIBA PLACE		CORNELIUS	NC	28031
00521C95	HERNANDEZ	LAURA			19719		FERIBA	PL		CORNELIUS	19719 FERIBA PL		CORNELIUS	NC	28031

00521C95	NEAL	JAMES T JR			19735		FERIBA	PL		CORNELIUS	19735 FERIBA PL		CORNELIUS	NC	28031
00521C95	TAYLOR	TAMMY L			19733		FERIBA	PL		CORNELIUS	19733 FERIBA PL		CORNELIUS	NC	28031

REACH N13c
RANK (NEED & FEASIBILITY) 35
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01503101	STEPHENS RIDGE LLC	% NEW SOTH PROP					BUD HENDERSON	RD		HUNTERSVILLE	1518 EAST 3RD ST #200		CHARLOTTE	NC	28204
01504101	ARVIDA MID ATLANTIC HOMES INC		BEATE	% HANKE	7300		GILEAD	RD		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434
01504106	ARVIDA MID-ATLANTIC HOMES INC		BEATE	% HANKE	7930		BUD HENDERSON	RD		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434
01504111	ARVIDA MID-ATLANTIC HOMES INC		BEATE	% HANKE	7926		BUD HENDERSON	RD		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434
01504112	ARVIDA MID-ATLANTIC HOMES INC		BEATE	% HANKE			DARBLAY	ST		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434
01504113	ARVIDA MID-ATLANTIC HOMES INC		BEATE	% HANKE			DARBLAY	ST		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434
01504114	ARVIDA MID-ATLANTIC HOMES INC		BEATE	% HANKE	6811		DUNTON	ST		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434
01504133	CULLER	MIRINDA H			6904		DUNTON	ST		HUNTERSVILLE	6904 DUNTON ST		HUNTERSVILLE	NC	28078
01504134	FISHER	JOYCE B			6830		DUNTON	ST		HUNTERSVILLE	6830 DUNTON ST		HUNTERSVILLE	NC	28078
01504135	ARVIDA MID-ATLANTIC HOMES INC		BEATE	% HANKE			DARBLAY	ST		HUNTERSVILLE	7900 GLADES RD #200		BOCA RATON	FL	33434
01504136	HIRACH	KATHRYN CAYEE			8009		BAYLIS	DR		HUNTERSVILLE	8009 BAYLIS DRIVE		HUNTERSVILLE	NC	28078

REACH B2a
RANK (NEED & FEASIBILITY) 36
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00523411	BURRIS	RODDY DEAN		CRYSTAL YVETTE	19631		HEARTLAND	ST		CORNELIUS	19631 HEARTLAND ST		CORNELIUS	NC	28031-9226
00525404	FESPERMAN	G LAVERNE			19600		DERBY	CT		CORNELIUS	19600 DERBY CT		CORNELIUS	NC	28031
00525405	WOODS	LAURA PHYLLIS			19603		DERBY	CT		CORNELIUS	19603 DERBY CT		CORNELIUS	NC	28031
00525407	HALWEG	JAMES			10330		DANESWAY	LN		CORNELIUS	10330 DANESWAY LN		CORNELIUS	NC	28031
00525408	WISE	LESSIE B			10326		DANESWAY	LN		CORNELIUS	10326 DANESWAY LN		CORNELIUS	NC	28031
00525409	FRECHETTE	EARL F	SANDRA M	FRECHETTE	10320		DANESWAY	LN		CORNELIUS	10320 DANESWAY LN		CORNELIUS	NC	28031
00525410	GOLDMAN	MALCOLM R			10203		CONISTAN	PL		CORNELIUS	10203 CONISTAN PL		CORNELIUS	NC	28031
00525411	THOMASSON	CLYDE H			10209		CONISTAN	PL		CORNELIUS	10209 CONISTAN PL		CORNELIUS	NC	28031
00525412	SCHUERMANN	FRANCES J			10213		CONISTAN	PL		CORNELIUS	10213 CONISTAN PL		CORNELIUS	NC	28031
00525413	MASSIMINI	JOHN	CHRISTINA	MASSIMINI	10217		CONISTAN	PL		CORNELIUS	19218 RUFFNER DR		CORNELIUS	NC	28031
00525414	LETTA	JOSEPH A			10221		CONISTAN	PL		CORNELIUS	10221 CONISTAN PL		CORNELIUS	NC	28031
00525415	CRADIT	STEVEN			10227		CONISTAN	PL		CORNELIUS	10227 CONISTAN PL		CORNELIUS	NC	28031
00525416	AMERSON	LISA M	JOSEPH A	AMERSON	10301		CONISTAN	PL		CORNELIUS	10301 CONISTAN PL		CORNELIUS	NC	28031
00525417	MBUTHIA	ALEX A	CHARITY N	MBUTHIA	10305		CONISTAN	PL		CORNELIUS	10305 CONISTAN PL		CORNELIUS	NC	28031
00525418	LEWIS	PAMELA C			10309		CONISTAN	PL		CORNELIUS	10309		CORNELIUS	NC	28031

											CONISTAN PL				
00525419	HARTFORD	HEATHER			10313		CONISTAN	PL		CORNELIUS	10313 CONISTAN PL		CORNELIUS	NC	28031
00525521	PEELER	JEREMY D	STEPHANIE A	PEELER	10301		DANESWAY	LN		CORNELIUS	10301 DANESWAY LN		CORNELIUS	NC	28031
00525522	LESSER	HAROLD F	CHRISTINE R	LESSER	10309		DANESWAY	LN		CORNELIUS	10309 DANESWAY LN		CORNELIUS	NC	28031-9192
00525523	EARP	RICKIE E	SILVIA	EARP	10317		DANESWAY	LN		CORNELIUS	10317 DANESWAY LN		CORNELIUS	NC	28031-9192
00525599	MECKLENBURG COUNTY				10313		DANESWAY	LN		CORNELIUS	600 E FOURTH ST		CHARLOTTE	NC	28202

REACH I6a
RANK (NEED & FEASIBILITY) 37
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00910126	MONTEITH HOLDINGS LLC					N	STATESVILLE	RD		HUNTERSVILLE	501 S. SHARON AMITY RD STE 310		CHARLOTTE	NC	28211
00910127	MONTEITH HOLDINGS LLC						BANKSIDE	DR		HUNTERSVILLE	13777 BALLANTYNE CORP PLZA#320		CHARLOTTE	NC	28277
00911119	MECKLENBURG COUNTY				16131		OLD STATESVILLE	RD		HUNTERSVILLE	600 E 4TH ST		CHARLOTTE	NC	28202
00924301	MASSEY	SUSAN A	TOM K JR	MASSEY	9918		BAYART	WY		HUNTERSVILLE	9918 BAYART WAY		HUNTERSVILLE	NC	28078-4900
00924398	FIVE-H LAND CO INC						DELANCEY	LN		HUNTERSVILLE	6805 FAIRVIEW RD STE C		CHARLOTTE	NC	28210-2702
00925303	HERRMANN	ROBERT K			16518		AMBER FIELD	DR		HUNTERSVILLE	16518 AMBER FIELD DR		HUNTERSVILLE	NC	28078
00925304	UNDERWOOD	DOROTHY P			16512		AMBER FIELD	DR		HUNTERSVILLE	16512 AMBER FIELD DR		HUNTERSVILLE	NC	28078
00925305	ECHERD	BARBARA BROWN			16506		AMBER FIELD	DR		HUNTERSVILLE	3 HICKORY HEAD HAMMOCK		THE VILLAGES	FL	32159
00925306	STENGER	BRIAN W	CATHLEEN A	STENGER	16500		AMBER FIELD	DR		HUNTERSVILLE	16500 AMBER FIELD DR		HUNTERSVILLE	NC	28078-5297
00925307	RULE 13 LLC				16438		AMBER FIELD	DR		HUNTERSVILLE	18922 ELM ROW CT		DAVIDSON	NC	28036
00925308	ZENOSKI	JOSEPH			16434		AMBER FIELD	DR		HUNTERSVILLE	16434 AMBER FIELD DR		HUNTERSVILLE	NC	28078
00925309	ADAMS	ROBERT V	ANITA R	ADAMS	16430		AMBER FIELD	DR		HUNTERSVILLE	16430 AMBER FIELD DR		HUNTERSVILLE	NC	28078
00934102	MONTEITH HOLDINGS LLC				13650		STUMPTOWN	RD		HUNTERSVILLE	501 SOUTH SHARON AMITY RD #310		CHARLOTTE	NC	28211
00934687	MONTEITH HOLDINGS LLC						WATERFRONT	DR		HUNTERSVILLE	501 SOUTH SHARON AMITY RD #310		CHARLOTTE	NC	28211
00942124	MCMAHON	JEFFREY K	JENNIFER M	MCMAHON	10232		BAYART	WY		HUNTERSVILLE	10232 BAYART WY		HUNTERSVILLE	NC	28078
00942125	JAMES	DAVID G	DEANNE D	JAMES	10228		BAYART	WY		HUNTERSVILLE	10228 BAYART WAY		HUNTERSVILLE	NC	28078
00942126	MOUNT	SAMUEL A		KATHRYN B MOUNT(H/W)	10224		BAYART	WY		HUNTERSVILLE	10224 BAYART WY		HUNTERSVILLE	NC	28078
00942127	DOERING	RICHARD P		CYNTHIA G DOERING (H/W)	10214		BAYART	WY		HUNTERSVILLE	10214 BAYART WY		HUNTERSVILLE	NC	28078
00942128	GRIER	JASON	CHRISTINE	GRIER	10206		BAYART	WY		HUNTERSVILLE	10206 BAYART WY		HUNTERSVILLE	NC	28078
00942129	GULLEDGE	MICHAEL S	MARIALICE	GULLEDGE	10124		BAYART	WY		HUNTERSVILLE	10124 BAYART WAY		HUNTERSVILLE	NC	28078-6460
00942131	HESTER	BARRY R	PAMELA F	HESTER	10116		BAYART	WY		HUNTERSVILLE	10116 BAYART WAY		HUNTERSVILLE	NC	28078-6460
00942132	MCMURRY	COURTNEY L	TRACEY L	MCMURRY	10108		BAYART	WY		HUNTERSVILLE	10108 BAYART WAY		HUNTERSVILLE	NC	28078-6460
00942133	WOLDMAN	DAVID M	MICHELE L	WOLDMAN	10100		BAYART	WY		HUNTERSVILLE	10100 BAYART WAY		HUNTERSVILLE	NC	28078-6460
00942134	WOLFE	DANIEL F	KERRY C	WOLFE	10030		BAYART	WY		HUNTERSVILLE	10030 BAYART		HUNTERSVILLE	NC	28078-

											WAY				6458
00942135	LAMB	WILLARD BRADLEY	ANGELA D	LAMB	10022		BAYART	WY		HUNTERSVILLE	10022 BAYART WY		CHARLOTTE	NC	28078
00942136	COOPER	EDDIE D	ANNETTE	COOPER	10016		BAYART	WY		HUNTERSVILLE	10016 BAYART WAY		HUNTERSVILLE	NC	28078
00942137	ROUSE	CRAIG C	SHELLY	ROUSE	10010		BAYART	WY		HUNTERSVILLE	10010 BAYART WAY		HUNTERSVILLE	NC	28078
00942138	DIXON	ROBERT E	SHARON B	DIXON	10002		BAYART	WY		HUNTERSVILLE	10002 BAYART WAY		HUNTERSVILLE	NC	28078-6458
00942139	HECKLER	MATTHEW S	CHRISTIE L	HECKLER	9932		BAYART	WY		HUNTERSVILLE	9932 BAYART WAY		HUNTERSVILLE	NC	28078-4900
00942140	GAMBILL	ROBERT S	KERRI	GAMBILL	9924		BAYART	WY		HUNTERSVILLE	9924 BAYART WAY		HUNTERSVILLE	NC	28078-4900

REACH M8a
RANK (NEED & FEASIBILITY) 38
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01502113	BARNETTE	AGNES B		(ET-AL)	7107		BUD HENDERSON	RD		HUNTERSVILLE	7107 BUD HENDERSON RD		HUNTERSVILLE	NC	28078
01502124	FREENEY	STEPHEN P	KARRI S	FREENEY	14442		BEATTIES FORD	RD		HUNTERSVILLE	16735-A CRANLYN RD #124		HUNTERSVILLE	NC	28078
01502128	QUAN	WILLIAM SHANE	TERESA F	QUAN			BEATTIES FORD	RD		HUNTERSVILLE	14422 BEATTIES FORD RD		HUNTERSVILLE	NC	28078

REACH U9a
RANK (NEED & FEASIBILITY) 39
RECOMMENDATION Removal of large CMPs deposited in the channel

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01720101	BAUMAN	ROBERT N	PAMELA G	BAUMAN	12117	N	STATESVILLE	RD		HUNTERSVILLE	2235 TOWNSHIP RD		CHARLOTTE	NC	28273
01721201	CFI PROPERTIES LLC			PATRICK HIGHWAY 49 LLC	12025	N	STATESVILLE	RD		HUNTERSVILLE	255 CHEROKEE RD		CHARLOTTE	NC	28207
01721212	CFI PROPERTIES LLC			PATRICK HIGHWAY 49 LLC	12019	N	STATESVILLE	RD		HUNTERSVILLE	255 CHEROKEE RD		CHARLOTTE	NC	28207

REACH B17a
RANK (NEED & FEASIBILITY) 40
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00515423	SPRAGUE	RAYMOND		KATHLEEN J TURNER	21102		TOWNWOOD	DR		CORNELIUS	21102 TOWNWOOD DR		CORNELIUS	NC	28031
00515424	GRIECO	LINDA J			21101		TOWNWOOD	DR		CORNELIUS	21101 TOWNWOOD DR		CORNELIUS	NC	28031
00525521	PEELER	JEREMY D	STEPHANIE A	PEELER	10301		DANESWAY	LN		CORNELIUS	10301 DANESWAY LN		CORNELIUS	NC	28031
00525522	LESSER	HAROLD F	CHRISTINE R	LESSER	10309		DANESWAY	LN		CORNELIUS	10309 DANESWAY LN		CORNELIUS	NC	28031-9192
00525523	EARP	RICKIE E	SILVIA	EARP	10317		DANESWAY	LN		CORNELIUS	10317 DANESWAY LN		CORNELIUS	NC	28031-9192
00525524	BOWERS	JON A			10323		DANESWAY	LN		CORNELIUS	10323 DANESWAY LN		CORNELIUS	NC	28031
00525598	TOWN OF CORNELIUS						MERIDIAN	ST		CORNELIUS	PO BOX 399		CORNELIUS	NC	28031
00525599	MECKLENBURG COUNTY				10313		DANESWAY	LN		CORNELIUS	600 E FOURTH ST		CHARLOTTE	NC	28202
00528220	BERRYMAN	LESLIE S			19216		MERIDIAN	ST		CORNELIUS	19216 MERIDIAN ST		CORNELIUS	NC	28031

00528221	HARVELL	CORAETTA D		%OUR TOWN HABITAT FOR HUMANITY	19210		MERIDIAN	ST		CORNELIUS	PO BOX 1088		DAVIDSON	NC	28036-1088
00528222	SHERRILL	MARY D		%OUR TOWN HABITAT FOR HUMANITY	19204		MERIDIAN	ST		CORNELIUS	PO BOX 1088		DAVIDSON	NC	28036-1088

REACH A1b
RANK (NEED & FEASIBILITY) 41
RECOMMENDATION Buffer Enhancement

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00524301	TUFFY	DIANE D			9131		MAGNOLIA ESTATES	DR		CORNELIUS	9131 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031
00524302	NICHOLS	DAVID			9139		MAGNOLIA ESTATES	DR		CORNELIUS	9139 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031
00524303	CLAWSON	WILLIAM THEODORE III			9201		MAGNOLIA ESTATES	DR		CORNELIUS	9201 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031
00524304	EICHER	JOHN D	LINDA M	EICHER	9209		MAGNOLIA ESTATES	DR		CORNELIUS	9209 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031-5888
00524305	SCOTT	MICHAEL B		JULIE D SCOTT	9217		MAGNOLIA ESTATES	DR		CORNELIUS	9217 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031
00524306	CASTRO	HENRY M			9225		MAGNOLIA ESTATES	DR		CORNELIUS	3595 SANTA FE AVE SPC 283		LONG BEACH	CA	90810-4378

REACH N8a
RANK (NEED & FEASIBILITY) 42
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01506290	HOMEOWNERS ASSOCIATION FOR	STONEGATE SUBDIVISION INC					ROLLING MEADOWS	LN		HUNTERSVILLE	P O BOX 350		MINERAL SPRINGS	NC	28108
01506321	RAMIREZ	HUGO J	SARAH E	SHOE	7930		ROLLING MEADOWS	LN		HUNTERSVILLE	7930 ROLLING MEADOWS LN		HUNTERSVILLE	NC	28078
01506322	RUSSELL	KENNETH C			7924		ROLLING MEADOWS	LN		HUNTERSVILLE	7924 ROLLING MEADOWS LN		HUNTERSVILLE	NC	28078
01506398	HOMEOWNERS ASSOCIATION	FOR STONEGATE SUBDIVISION					ROLLING MEADOWS	LN		HUNTERSVILLE	PO BOX 113		MINERAL SPRINGS	NC	28108
01507108	WATERS	WILLIAM W			8113		MCILWAINE	RD		HUNTERSVILLE	3850 SHARONVIEW RD		CHARLOTTE	NC	28226
01507110	SHAW	RICHARD DONALD		DIXIE LEE HUFFMAN	7807		MCILWAINE	RD		HUNTERSVILLE	7807 MCILWAINE RD		HUNTERSVILLE	NC	28078
01507113	GUIGNARD	CHARLES S			7821		MCILWAINE	RD		HUNTERSVILLE	PO BOX 1766		HUNTERSVILLE	NC	28070
01539198	MECKLENBURG COUNTY						LEISURE	LN		HUNTERSVILLE	600 E FOURTH ST		CHARLOTTE	NC	28202
01543103	MECKLENBURG COUNTY			% REAL ESTATE /FINANCE DEPT	8147		MCILWAINE	RD		HUNTERSVILLE	600 EAST 4TH ST 11TH FLOOR		CHARLOTTE	NC	28202

REACH B5a_B9a
RANK (NEED & FEASIBILITY) 43
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00517101	BLAKELY	J F		% ANN BLAKLY			STATESVILLE	RD		CORNELIUS	21132 BRINKLEY ST		CORNELIUS	NC	28031
00517102	CDH VENTURES LLC				19300		STATESVILLE	RD		CORNELIUS	18531 HARBORSIDE DR		CORNELIUS	NC	28031
00517115	KAROON INC				19400		STATESVILLE	RD		CORNELIUS	PO BOX 2276		CORNELIUS	NC	28031
00517118	CHARLOTTE CHURCH INC THE						STATESVILLE	RD		CORNELIUS	1200 SOUTH GRAHAM ST		CHARLOTTE	NC	28203

00517160	GARDNER	RUSSELL D JR	PATRICIA E	GARDNER	20439		WILLOW POND	RD		CORNELIUS	20439 WILLOW POND RD		CORNELIUS	NC	28031
00517161	OSBORNE	CHANCE W			20443		WILLOW POND	RD		CORNELIUS	21708 AFTONSHIRE DR		CORNELIUS	NC	28031
00517178	WILLOW POND AT LAKE	NORMAN HOMEOWNERS ASSOC					WILLOW POND	RD		CORNELIUS	GENERAL DELIVERY		CORNELIUS	NC	28031
00517185	ABOUL-HOSN	R J					STATESVILLE	RD		CORNELIUS	2799 KISSIMMEE BAY CR		KISSIMMEE	FL	34744
00518201	CORNELIUS	DEANDREW	EDNA	CORNELIUS	19309		SOUTH HILL	ST		CORNELIUS	514 OAKBLUFF CR		CHARLOTTE	NC	28216-2600
00518202	OWENS	JOE NATHAN			19313		SOUTH HILL	ST		CORNELIUS	3825 FLORESTA WAY		LOS ANGELES	CA	90043-1752
00518203	MACK	CLETIES			19317		SOUTH HILL	ST		CORNELIUS	2197 24TH ST SW		LARGO	FL	33774-1746
00518204	WENTZ	JOE DANIEL (TSTE) R/L/T	EDNA K (TSTE) R/L/T	WENTZ	19321		SOUTH HILL	ST		CORNELIUS	18230 DEL RAY DR		CORNELIUS	NC	28031
00518205	GASTON	SARAH		GEORGE R GASTON	19325		SOUTH HILL	ST		CORNELIUS	PO BOX 942		HUNTERSVILLE	NC	28070-0942

REACH N13a
RANK (NEED & FEASIBILITY) 44
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01503101	STEPHENS RIDGE LLC	% NEW SOTH PROP					BUD HENDERSON	RD		HUNTERSVILLE	1518 EAST 3RD ST #200		CHARLOTTE	NC	28204

REACH M4_M3a
RANK (NEED & FEASIBILITY) 45
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01502113	BARNETTE	AGNES B		(ET-AL)	7107		BUD HENDERSON	RD		HUNTERSVILLE	7107 BUD HENDERSON RD		HUNTERSVILLE	NC	28078
01502127	BARNETTE	AGNES B			7115		BUD HENDERSON	RD		HUNTERSVILLE	7107 BUD HENDERSON RD		HUNTERSVILLE	NC	28078
01505578	CARRINGTON RIDGE LLC						BRENTHAVEN PARK	DR		HUNTERSVILLE	6707 FAIRVIEW RD		CHARLOTTE	NC	28210
01505599	CARRINGTON RIDGE LLC						BUD HENDERSON	RD		HUNTERSVILLE	6707 FAIRVIEW RD		CHARLOTTE	NC	28210

REACH L2a
RANK (NEED & FEASIBILITY) 46
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01731247	GARRISON	CARL E		SANDRA P GARRISON (H/W)	500		CANADICE	RD		HUNTERSVILLE	500 CANADICE RD		HUNTERSVILLE	NC	28078
01731253	PIEL	JOHN A	CHARLOTTE C	PIEL	110		SCHUYLER	DR		HUNTERSVILLE	110 SCHUYLER DR		HUNTERSVILLE	NC	28078
01731254	BERGER	LISA			108		SCHUYLER	DR		HUNTERSVILLE	150 STANWELL CT		CLEMMONS	NC	27012-9070
01731255	VOGEL	SANDRA J			106		SCHUYLER	DR		HUNTERSVILLE	106 SCHUYLER DR		HUNTERSVILLE	NC	28078
01731256	ROBBINS	DAVID E	CAROL	ROBBINS	104		SCHUYLER	DR		HUNTERSVILLE	104 SCHUYLER DR		HUNTERSVILLE	NC	28078
01731257	MURGOLO	JOSEPH E		DOLORES J MURGOLO (H/W)	102		SCHUYLER	DR		HUNTERSVILLE	102 SCHUYLER DR		HUNTERSVILLE	NC	28078
01731258	MCMAHON	HEATHER L			502		CANADICE	RD		HUNTERSVILLE	502 CANADICE RD		HUNTERSVILLE	NC	28078-6044

01731301	BUESO	CRUZ MARTINEZ	MARIA L VELIZ	JIROS	503		CANADICE	RD		HUNTERSVILLE	503 CANADICE RD		HUNTERSVILLE	NC	28078-7712
01732101	PEREZ	FRANCO BENITEZ	ARSENIA N	BENITEZ	101		GLENORA	DR		HUNTERSVILLE	101 GLENORA DR		HUNTERSVILLE	NC	28078
01732102	HINSON	JEAN Y			103		GLENORA	DR		HUNTERSVILLE	103 GLENORA DR		HUNTERSVILLE	NC	28078
01732103	CHAFFIN	RONALD E JR			105		GLENORA	DR		HUNTERSVILLE	105 GLENORA DR		HUNTERSVILLE	NC	28078
01732104	JOHNSON	RICHARD N II	RENEE F	JOHNSON	201		GLENORA	DR		HUNTERSVILLE	201 GLENORA DR		HUNTERSVILLE	NC	28078
01732105	MERRICK	KATHRYN T			203		GLENORA	DR		HUNTERSVILLE	203 GLENORA DR		HUNTERSVILLE	NC	28078
01732106	FINLEY	KEITH A			205		GLENORA	DR		HUNTERSVILLE	205 GLENORA DR		HUNTERSVILLE	NC	28078
01732107	PRATT	BARBARA L			207		GLENORA	DR		HUNTERSVILLE	207 GLENORA DR		HUNTERSVILLE	NC	28078
01732108	COHEN	BARRY N	GIGI A	COHEN	209		GLENORA	DR		HUNTERSVILLE	21301 COUNTRY CLUB DR		CORNELIUS	NC	28031
01732109	LEONARD	PETER J	RACHEL M	LEONARD	211		GLENORA	DR		HUNTERSVILLE	8425 STREAMVIEW DR #P		HUNTERSVILLE	NC	28078
01732110	TATE	JOHN G			301		GLENORA	DR		HUNTERSVILLE	301 GLENORA DR		HUNTERSVILLE	NC	28078
01732111	DEWITT	PHILLIP W	SUE B	DEWITT	303		GLENORA	DR		HUNTERSVILLE	303 GLENORA DR		HUNTERSVILLE	NC	28078-6045
01732112	AYERS	ROBERT BRIAN		CAROL TEEM	305		GLENORA	DR		HUNTERSVILLE	305 GLENORA DR		HUNTERSVILLE	NC	28078
01732113	REICHARD	DIANNE M			307		GLENORA	DR		HUNTERSVILLE	307 GLENORA DR		HUNTERSVILLE	NC	28078-6045
01732114	FAGEL	JAY C	SANDRA L	FAGEL	401		GLENORA	DR		HUNTERSVILLE	401 GLENORA DR		HUNTERSVILLE	NC	28078-6007
01732115	BAXTER	TIMOTHY		GAIL BAXTER (H/W)	403		GLENORA	DR		HUNTERSVILLE	116 PINERIDGE DR		HUNTERSVILLE	NC	28078
01734130	RUGGLES	DAVID P	ALISON R	RUGGLES	125		PINERIDGE	DR		HUNTERSVILLE	125 PINERIDGE DR		HUNTERSVILLE	NC	28078
01734131	JAKEWAY	PATRICK S		ANGELA JAKEWAY (H/W)	118		PINERIDGE	DR		HUNTERSVILLE	118 PINERIDGE DR		HUNTERSVILLE	NC	28078
01734132	DYCZEWSKI	DENNIS	JILL	DYCZEWSKI	116		PINERIDGE	DR		HUNTERSVILLE	116 PINERIDGE DR		HUNTERSVILLE	NC	28078
01734138	PILLEY	DAN R		LAUREN KAY T	102		DOGWOOD	TR		HUNTERSVILLE	102 DOGWOOD TER		HUNTERSVILLE	NC	28078-8951
01734139	RENFREW	KENNETH J	ANN	RENFREW	104		DOGWOOD	TR		HUNTERSVILLE	104 DOGWOOD TER		HUNTERSVILLE	NC	28078-8951
01734140	TURNER	MICHAEL LEE		TERESA LYNN	105		DOGWOOD	TR		HUNTERSVILLE	105 DOGWOOD TER		HUNTERSVILLE	NC	28078-8951
01735114	WALTERS	PAUL SAMUEL	ESTHER H	WALTERS			ABINGDON	CR		HUNTERSVILLE	102 SHERWOOD DR		HUNTERSVILLE	NC	28078
01735117	WALTERS	PAUL SAMUEL JR		MALISA VERBLE	203		ABINGDON	CR		HUNTERSVILLE	203 ABINGDON CIR		HUNTERSVILLE	NC	28078-9076

REACH O30b
RANK (NEED & FEASIBILITY) 47
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01530208	SEXTON	DAVID E	BARBARA R	SEXTON	9001		WILLOW TRACE	CT		HUNTERSVILLE	9001 WILLOW TRACE CT		HUNTERSVILLE	NC	28078
01530209	PAGE	KENNETH L			9005		WILLOW TRACE	CT		HUNTERSVILLE	9005 WILLOW TRACE CT		HUNTERSVILLE	NC	28078
01530245	CEDARFIELD PLANTATION	HOMEOWNERS ASSOC INC					STRATTON FARM	RD		HUNTERSVILLE	4940 BROAD HOLLOW DR		CHARLOTTE	NC	28226
01530255	YOUNG	ANTHONY	LINDA	YOUNG	12508		BRADFORD HILL	LN		HUNTERSVILLE	12508 BRADFORD HILL LN		HUNTERSVILLE	NC	28078
01530256	CEDARFIELD PLANTATION	HOMEOWNERS ASSOC INC					STRATTON FARM	RD		HUNTERSVILLE	4940 BROAD HOLLOW DR		CHARLOTTE	NC	28226
01531237	HELMS	JAMES E JR	GLENDA D	HELMS	12300		SPARKLING	WY		HUNTERSVILLE	20708 ISLAND FOREST DR		CORNELIUS	NC	28031

01531238	PEAY	JOHN W		JACQUELINE CARSON	12301		SPARKLING	WY		HUNTERSVILLE	12301 SPARKLING WAY CT		HUNTERSVILLE	NC	28078-9114
01531239	RENCKENS	TIMOTHY T	SUSAN G	RENCKENS	12305		SPARKLING	WY		HUNTERSVILLE	12305 SPARKLING WAY CT		HUNTERSVILLE	NC	28078-9114
01531240	FENSTERMACHER	ROBERT PAUL			9106		ARCADIA VIEW	CT		HUNTERSVILLE	9106 ARCADIA VIEW CT		HUNTERSVILLE	NC	28078-9117
01531241	RUSSELL	DANIEL J	LAURA A	RUSSELL	9100		ARCADIA VIEW	CT		HUNTERSVILLE	9100 ARCADIA VIEW CT		HUNTERSVILLE	NC	28078
01531242	RINEHARDT	WALTER S		LARA EAKER	9101		ARCADIA VIEW	CT		HUNTERSVILLE	9101 ARCADIA VIEW CT		HUNTERSVILLE	NC	28078
01531250	CEDARFIELD PLANTATION	HOMEOWNERS ASSOC INC					STRATTON FARM	RD		HUNTERSVILLE	PO BOX 11231		CHARLOTTE	NC	28220
01531251	CEDARFIELD PLANTATION	HOMEOWNERS ASSOC INC					STRATTON FARM	RD		HUNTERSVILLE	4940 BROAD HOLLOW DR		CHARLOTTE	NC	28226
01531256	RUST	CHRISTOPHER T	ANN C	RUST	12400		ANGEL OAK	DR		HUNTERSVILLE	12400 ANGEL OAK DR		HUNTERSVILLE	NC	28078-9164
01531257	AXE	G RANDALL	KATHY P	AXE	12401		ANGEL OAK	DR		HUNTERSVILLE	12401 ANGEL OAK DR		HUNTERSVILLE	NC	28078
01531258	MARKHAM	DANIEL G	JO C	MARKHAM	12405		ANGEL OAK	DR		HUNTERSVILLE	12405 ANGEL OAK DR		HUNTERSVILLE	NC	28078-9164
01531265	FLANAGAN	WILLIAM FRANKLIN	MIRIAM EVANS	FLANAGAN			MCCOY	RD		HUNTERSVILLE	12265 MCCOY RD		HUNTERSVILLE	NC	28078

REACH P18a
RANK (NEED & FEASIBILITY) 48
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01708101	CHUMLEY	MELANIE R	THOMAS M	CHUMLEY	13701		ALEXANDER	LN		HUNTERSVILLE	13701 ALEXANDER LN		HUNTERSVILLE	NC	28078
01708102	KAZAKOS BROTHERS PROPERTIES				13400	N	STATESVILLE	RD		HUNTERSVILLE	534 TURNERSBURG HWY		STATESVILLE	NC	28625-2722
01708103	TAYLOR	MARJORIE			510		MT HOLLY-HUNTERSVILLE	RD		HUNTERSVILLE	13027 MT HOLLY-HUNTERSVILLE RD		HUNTERSVILLE	NC	28078
01708104	JOHNSON	EVELYN			514		MT HOLLY-HUNTERSVILLE	RD		HUNTERSVILLE	13011 MT HOLLY-HUNTERSVILLE RD		HUNTERSVILLE	NC	28078
01708109	MILLER	WILLIAM BANKS,JR	SARA	MILLER	13125		IRIS	DR		HUNTERSVILLE	13125 IRIS DR		HUNTERSVILLE	NC	28078
01708110	PLYLER	WILLIAM G	JANE D	PLYLER	13131		IRIS	DR		HUNTERSVILLE	13131 IRIS DR		HUNTERSVILLE	NC	28078
01708113	KAZAKOS BROTHERS PROPERTIES						ALEXANDER	LN		HUNTERSVILLE	534 TURNERSBURG HWY		STATESVILLE	NC	28625-2722
01708114	ROSS	MELANIE LEE %WM L ROSS	MELANIE ROSS	CHUMLEY			ALEXANDER	LN		HUNTERSVILLE	13701 ALEXANDER LN		HUNTERSVILLE	NC	28078
01708201	PRICE	DONALD	APRIL	PRICE	319		HILLCREST	DR		HUNTERSVILLE	319 HILLCREST DR		HUNTERSVILLE	NC	28078
01708202	JOLLY	CHARLES M			13628		ALEXANDER	LN		HUNTERSVILLE	PO BOX 311		HUNTERSVILLE	NC	28270
01708221	KERNS	PEGGY S			308		GREENWAY	ST		HUNTERSVILLE	PO BOX 172		HUNTERSVILLE	NC	28070-0172
01708222	HUBBARD	ROBERT CLAY	NORMA F	HUBBARD	306		GREENWAY	ST		HUNTERSVILLE	PO BOX 192		HUNTERSVILLE	NC	28070-0192
01708223	BEARD	GRADY M	FRANCES	BEARD	304		GREENWAY	ST		HUNTERSVILLE	304 GREENWAY DR		HUNTERSVILLE	NC	28078-7265
01708224	NICHOLS	MARTIN M III			302		GREENWAY	ST		HUNTERSVILLE	302 GREENWAY DR		HUNTERSVILLE	NC	28078
01708225	FREEZE	C R		(L/E B/W)	300		GREENWAY	ST		HUNTERSVILLE	PO BOX 252		HUNTERSVILLE	NC	28070-0252
01708226	KERNS	ROBERT N	ELAINE E	KERNS	301		HILLCREST	DR		HUNTERSVILLE	301 HILLCREST DR		HUNTERSVILLE	NC	28078-7855
01708229	STEWART	MICHAEL H	PATRICIA N	STEWART	311		HILLCREST	DR		HUNTERSVILLE	PO BOX 252		HUNTERSVILLE	NC	28078
01708230	MARTIN	FRANK WAYNE	ALISON J	MARTIN			HILLCREST	DR		HUNTERSVILLE	402 GREENWAY		HUNTERSVILLE	NC	28078

											DR				
01708232	WELLMAN	DEBORAH N			313		HILLCREST	DR		HUNTERSVILLE	PO BOX 2188		CORNELIUS	NC	28031
01708233	SUMMER	WILLIAM JAY	VIRGINIA W	SUMMER	400		GREENWAY	ST		HUNTERSVILLE	16400 RANGER TR		HUNTERSVILLE	NC	28078
01708234	MARTIN	FRANK WAYNE	ALISON J	MARTIN	402		GREENWAY	ST		HUNTERSVILLE	402 GREENWAY DR		HUNTERSVILLE	NC	28078-7266
01708235	WELLMAN	DEBORAH N			313		HILLCREST	DR		HUNTERSVILLE	PO BOX 2188		CORNELIUS	NC	28031
01708236	THOMPSON	REBECCA TATE			317		HILLCREST	DR		HUNTERSVILLE	317 HILLCREST DR		HUNTERSVILLE	NC	28078
01708237	SMITHROW INVESTMENTS LLC				315		HILLCREST	DR		HUNTERSVILLE	2633 WILKINSON BLVD		CHARLOTTE	NC	28208-5617
01708250	BLACK	ROBIN L	SHELIAH S	BLACK	303		HILLCREST	DR		HUNTERSVILLE	PO BOX 1574		HUNTERSVILLE	NC	28078
01708251	BARKER	MARY N					HILLCREST	DR		HUNTERSVILLE	14424 E ROCKY RIVER RD		DAVIDSON	NCA28NC	28036
01708252	HOLMES	PHILIP E JR					HILLCREST	DR		HUNTERSVILLE	307 HILLCREST DR		HUNTERSVILLE	NC	28078
01709417	GARBACON ENTERPRISES LLC				13728		STATESVILLE	RD		HUNTERSVILLE	19311 BEAUFAIN ST		CORNELIUS	NC	28031-7062
01711803	ACKLEY	JUANITA Y			202		DALLAS	ST		HUNTERSVILLE	PO BOX 626		HUNTERSVILLE	NC	28070
01711804	TOWN OF HUNTERSVILLE				526		GREENWAY	ST		HUNTERSVILLE	PO BOX 664		HUNTERSVILLE	NC	28078
01711814	STEWART RENTALS LLC				216		GREENWAY	ST		HUNTERSVILLE	PO BOX 252		HUNTERSVILLE	NC	28070

REACH M12
RANK (NEED & FEASIBILITY) 49
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01501101	PARKER	ERNEST JR	JEAN J	PARKER	6520		GILEAD	RD		HUNTERSVILLE	6520 GILEAD RD		HUNTERSVILLE	NC	28078
01501102	POST	RUSSELL A	MEREDITH B	POST	6512		GILEAD	RD		HUNTERSVILLE	6512 GILEAD RD		HUNTERSVILLE	NC	28078
01501114	BARNETTE	BERTRAM A III	JULIE P	BARNETTE			BEATTIES FORD	RD		HUNTERSVILLE	14700 BEATTIES FORD RD		HUNTERSVILLE	NC	28078
01501115	BEARD	BILLY F		(ET-AL)	15248		BEATTIES FORD	RD		HUNTERSVILLE	362 BREWER DR		NASHVILLE	TN	37211
01501198	BARNETTE	BERTRAM A III	JULIE P	BARNETTE			BEATTIES FORD	RD		HUNTERSVILLE	14700 BEATTIES FORD RD		HUNTERSVILLE	NC	28078
01540102	LINDERMAN	CLIFTON EARL		ROGER C LINDERMAN (B/W)	14520		BEATTIES FORD	RD		HUNTERSVILLE	242 MEADOW OAKS DR		STATESVILLLE	NC	28625
01541111	COOK FARMS LLC						GILEAD	RD		HUNTERSVILLE	7602 OLIVER HAGER RD		HUNTERSVILLE	NC	28078

REACH O30c
RANK (NEED & FEASIBILITY) 50
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01510499	MECKLENBURG COUNTY			% REAL ESTATE /FINANCE DEPT.			SHEPPARTON	DR		HUNTERSVILLE	600 E 4TH ST 11TH FLOOR		CHARLOTTE	NC	28202-2816
01530208	SEXTON	DAVID E	BARBARA R	SEXTON	9001		WILLOW TRACE	CT		HUNTERSVILLE	9001 WILLOW TRACE CT		HUNTERSVILLE	NC	28078
01530209	PAGE	KENNETH L			9005		WILLOW TRACE	CT		HUNTERSVILLE	9005 WILLOW TRACE CT		HUNTERSVILLE	NC	28078
01530210	NASKO	THOMAS J	DONNA L	NASKO	9011		WILLOW TRACE	CT		HUNTERSVILLE	9011 WILLOW TRACE CT		HUNTERSVILLE	NC	28078-9154
01530211	YOUNG	CRAIG S	CHRISTINA B	YOUNG	9015		WILLOW TRACE	CT		HUNTERSVILLE	9015 WILLOW TRACE CT		HUNTERSVILLE	NC	28078
01530212	MILHOLLAND	DAVID C	DONNA P	MILHOLLAND	9019		WILLOW TRACE	CT		HUNTERSVILLE	9019 WILLOW TRACE CT		HUNTERSVILLE	NC	28078
01530218	HANRAHAN	SHERRY GREEN		HSB THOMAS RIKLEY	9002		MAPLE HILL	CT		HUNTERSVILLE	9002 MAPLE HILL CT		HUNTERSVILLE	NC	28078
01530219	AUTEN	BRICE C	SHEILA C	AUTEN	9000		MAPLE HILL	CT		HUNTERSVILLE	9000 MAPLE HILL CT		HUNTERSVILLE	NC	28078

01530220	SARGENT	JAMES R	BARBARA B	SARGENT	9003		MAPLE HILL	CT		HUNTERSVILLE	9003 MAPLE HILL CT		HUNTERSVILLE	NC	28078-9156
01530221	STRICKLAND	CARLOS D	ALISON F	STRICKLAND	9007		MAPLE HILL	CT		HUNTERSVILLE	9007 MAPLE HILL CT		HUNTERSVILLE	NC	28078
01530223	WOODRUFF	ROBERT	MONIKA	WOODRUFF	8730		TWIN TRAIL	DR		HUNTERSVILLE	8730 TWIN TRAIL DR		HUNTERSVILLE	NC	28078-9121
01530224	EDWARDS	BARRY RAY	SANDRA C	EDWARDS	8724		TWIN TRAIL	DR		HUNTERSVILLE	8724 TWIN TRAIL DR		HUNTERSVILLE	NC	28078-9121
01530225	ROBERGE	KEVIN M		MELISSA OHLMAN	8718		TWIN TRAIL	DR		HUNTERSVILLE	8718 TWIN TRAIL DR		HUNTERSVILLE	NC	28078-9121
01530226	HENLINE	AVERY H JR		MARY ANN	8710		TWIN TRAIL	DR		HUNTERSVILLE	8710 TWIN TRAIL DR		HUNTERSVILLE	NC	28078
01530227	BUTTINE	FRANCIS WOODSTOCK		DEIRDRE ANN WRIGHT	8702		TWIN TRAIL	DR		HUNTERSVILLE	8702 TWIN TRAIL DR		HUNTERSVILLE	NC	28078
01530245	CEDARFIELD PLANTATION	HOMEOWNERS ASSOC INC					STRATTON FARM	RD		HUNTERSVILLE	4940 BROAD HOLLOW DR		CHARLOTTE	NC	28226
01530246	WEHLING	JEFFREY C	PATRICIA H	WEHLING	12624		BRADFORD HILL	LN		HUNTERSVILLE	12624 BRADFORD HILL LN		HUNTERSVILLE	NC	28078
01530247	SMITH	RICHARD MILES		SUSAN LEE	12618		BRADFORD HILL	LN		HUNTERSVILLE	12618 BRADFORD HILL LN		HUNTERSVILLE	NC	28078
01530248	CRAMOND	JOHN C	MARIA F	CRAMOND	12612		BRADFORD HILL	LN		HUNTERSVILLE	12612 BRADFORD HILL LN		HUNTERSVILLE	NC	28078
01530249	MYERSCOUGH	BRIAN E	PAMELA N	MYERSCOUGH	12606		BRADFORD HILL	LN		HUNTERSVILLE	12606 BRADFORD HILL LN		HUNTERSVILLE	NC	28078
01530250	SCEAU	MICHAEL	MYRA	SCEAU	12600		BRADFORD HILL	LN		HUNTERSVILLE	12600 BRADFORD HILL LN		HUNTERSVILLE	NC	28078
01530251	BURROUGHS	SAMUEL E			12532		BRADFORD HILL	LN		HUNTERSVILLE	12532 BRADFORD HILL LN		HUNTERSVILLE	NC	28078
01530252	MONDLAK	DOREEN MICHELLE			12526		BRADFORD HILL	LN		HUNTERSVILLE	12526 BRADFORD HILLS LN		HUNTERSVILLE	NC	28078
01530253	BROEL	GARY M	JONITA J	BROEL	12520		BRADFORD HILL	LN		HUNTERSVILLE	12520 BRADFORD HILL LN		HUNTERSVILLE	NC	28078
01530254	MCMAHON	TIMOTHY J	LORI M SWIFT	MCMAHON	12514		BRADFORD HILL	LN		HUNTERSVILLE	12514 BRADFORD HILL LN		HUNTERSVILLE	NC	28078
01530255	YOUNG	ANTHONY	LINDA	YOUNG	12508		BRADFORD HILL	LN		HUNTERSVILLE	12508 BRADFORD HILL LN		HUNTERSVILLE	NC	28078
01530256	CEDARFIELD PLANTATION	HOMEOWNERS ASSOC INC					STRATTON FARM	RD		HUNTERSVILLE	4940 BROAD HOLLOW DR		CHARLOTTE	NC	28226
01530299	MECKLENBURG COUNTY			% REAL ESTATE /FINANCE DEPT			TWIN TRAIL	DR		HUNTERSVILLE	600 E 4TH ST 11TH FLOOR		CHARLOTTE	NC	28202-2816
01531242	RINEHARDT	WALTER S		LARA EAKER	9101		ARCADIA VIEW	CT		HUNTERSVILLE	9101 ARCADIA VIEW CT		HUNTERSVILLE	NC	28078
01531250	CEDARFIELD PLANTATION	HOMEOWNERS ASSOC INC					STRATTON FARM	RD		HUNTERSVILLE	PO BOX 11231		CHARLOTTE	NC	28220
01531251	CEDARFIELD PLANTATION	HOMEOWNERS ASSOC INC					STRATTON FARM	RD		HUNTERSVILLE	4940 BROAD HOLLOW DR		CHARLOTTE	NC	28226
01531256	RUST	CHRISTOPHER T	ANN C	RUST	12400		ANGEL OAK	DR		HUNTERSVILLE	12400 ANGEL OAK DR		HUNTERSVILLE	NC	28078-9164
01535234	ADAMS	JEFF C SR	DIANE M	ADAMS	9320		OLD BARNETTE	PL		HUNTERSVILLE	9320 OLD BARNETTE PL		HUNTERSVILLE	NC	28078
01535235	POWELL	DENE C	MARTHA S	POWELL	9314		OLD BARNETTE	PL		HUNTERSVILLE	9314 OLD BARNETTE PL		HUNTERSVILLE	NC	28078
01535236	TAYLOR	MELVIN D	LISA K	TAYLOR	9308		OLD BARNETTE	PL		HUNTERSVILLE	9308 OLD BARNETTE PL		HUNTERSVILLE	NC	28078-8364
01535237	JONES	ROBERT H W III			9300		OLD BARNETTE	PL		HUNTERSVILLE	9300 OLD BARNETTE PL		HUNTERSVILLE	NC	28078-8364
01535238	HUDSON	HAROLD L	ROBYN D	HUDSON	9228		OLD BARNETTE	PL		HUNTERSVILLE	9228 OLD BARNETTE PL		HUNTERSVILLE	NC	28078-8363
01535239	RUSS	KELLY B	LORI A	RUSS	9220		OLD BARNETTE	PL		HUNTERSVILLE	9220 OLD BARNETTE PL		HUNTERSVILLE	NC	28078
01535240	FULFORD	DAVID T	STACEY C	FULFORD	9214		OLD BARNETTE	PL		HUNTERSVILLE	9214 OLD BARNETTE PL		HUNTERSVILLE	NC	28078

01535241	WEIR	EDWARD		JANE B WEIR (H/W)	9208		OLD BARNETTE	PL		HUNTERSVILLE	9208 OLD BARNETTE PL		HUNTERSVILLE	NC	28078
01535242	PARKER	JOHN ANDREW	NATALIE	PARKER	9204		OLD BARNETTE	PL		HUNTERSVILLE	9204 OLD BARNETTE PL		HUNTERSVILLE	NC	28078

REACH B14a
RANK (NEED & FEASIBILITY) 51
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00516661	ROBERTSON	JAMES E	SUSAN E	ROBERTSON	21108		PINE RIDGE	DR		CORNELIUS	6028 DELTA CROSSING LN APT G		CHARLOTTE	NC	28212-2371
00516662	WOJTOWICZ	JAMES J	MARY E	WHITNEY	21100		PINE RIDGE	DR		CORNELIUS	2110 PINE RIDGE DR		CORNELIUS	NC	28031
00525513	WILLIAMS	MARK A	ELIZABETH P	WILLIAMS	10219		DANESWAY	LN		CORNELIUS	10219 DANESWAY LN		CORNELIUS	NC	28031
00525514	MISENAR	RYAN S		LISA M MISENAR (H/W)	10223		DANESWAY	LN		CORNELIUS	10223 DANESWAY LN		CORNELIUS	NC	28031
00525515	SANFILIPPO	THOMAS J JR	JOAN	SANFILIPPO	10227		DANESWAY	LN		CORNELIUS	10227 DANESWAY LN		CORNELIUS	NC	28031
00525516	KAZMIERCZAK	JOHN	APRIL	MEADOWS	10231		DANESWAY	LN		CORNELIUS	10231 DANESWAY LN		CORNELIUS	NC	28031
00525517	GOTTA	MICHAEL P		KRISTIN L GOTTA (H/W)	10235		DANESWAY	LN		CORNELIUS	10235 DANESWAY LN		CORNELIUS	NC	28031
00525518	LAKE	KELLY			10239		DANESWAY	LN		CORNELIUS	10239 DANESWAY LN		CORNELIUS	NC	28031
00525599	MECKLENBURG COUNTY				10313		DANESWAY	LN		CORNELIUS	600 E FOURTH ST		CHARLOTTE	NC	28202

REACH U15
RANK (NEED & FEASIBILITY) 52
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01706205	DELLINGER	WILLIAM J		(ET-AL)	12150		HAMBRIGHT	RD		HUNTERSVILLE	PO BOX 929		MONROE	NC	28111-0929

REACH L7a
RANK (NEED & FEASIBILITY) 53
RECOMMENDATION Restoration upstream of Sherwood Drive / Improvement to Sherwood Drive culvert / Bank Stabilization downstream of Sherwood Drive

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01712222	FIRST BAPTIST CHURCH OF	HUNTERSVILLE NC INC			119		OLD STATESVILLE	RD		HUNTERSVILLE	PO BOX 331		HUNTERSVILLE	NC	28078
01712226	FIRST BAPTIST CHURCH OF	HUNTERSVILLE NC INC			621		OLD STATESVILLE	RD		HUNTERSVILLE	119 NORTH OLD STATESVILLE RD		HUNTERSVILLE	NC	28078
01712228	LEHEW	DONALD G	CONSTANCE J	LEHEW	300		SHERWOOD	DR		HUNTERSVILLE	620 SHERWOOD DR		HUNTERSVILLE	NC	28078
01712229	ROUTH	BEN D	NANCY K	ROUTH	102		FOREST	CT		HUNTERSVILLE	102 FOREST CT		HUNTERSVILLE	NC	28078
01712232	GIBSON	JOHN TRUETT	GLORIA L	GIBSON	202		SHERWOOD	DR		HUNTERSVILLE	PO BOX 513		HUNTERSVILLE	NC	28070-0513
01712233	MCAULAY	HUGH M	LOUISA	MCAULAY	104		SHERWOOD	DR		HUNTERSVILLE	PO BOX 285		HUNTERSVILLE	NC	28070-0285
01712239	MAXWELL	JAMES WILSON			200		SHERWOOD	DR		HUNTERSVILLE	200 SHERWOOD DR		HUNTERSVILLE	NC	28078
01712240	WALTERS	PAUL S	ESTHER H	WALTERS	102		SHERWOOD	DR		HUNTERSVILLE	102 SHERWOOD DR		HUNTERSVILLE	NC	28078

01712243	WILLIAMS	JOYCE LEAZER			302		SHERWOOD	DR		HUNTERSVILLE	PO BOX 772		HUNTERSVILLE	NC	28070
01712246	FORTNER	ROY T			104		FOREST	CT		HUNTERSVILLE	PO BOX 155		HUNTERSVILLE	NC	28078
01734106	PATTERSON	WILLIAM R JR		ANN B PATTERSON (H/W)	303		SHERWOOD	DR		HUNTERSVILLE	303 SHERWOOD DR		HUNTERSVILLE	NC	28078
01734113	WAGSTROM	GERALD W		KATHERINE CARTWRIGHT	103		NITSA	LN		HUNTERSVILLE	103 NISTA LN		HUNTERSVILLE	NC	28078-6023
01734114	SWAIN	DAN J	JILL M	SWAIN	105		NITSA	LN		HUNTERSVILLE	105 NISTA LN		HUNTERSVILLE	NC	28078
01734148	CASHNER	HOWARD E	ANNE M	CASHNER	303		SHERWOOD	DR		HUNTERSVILLE	303 SHERWOOD DR #A		HUNTERSVILLE	NC	28078

REACH B14b
RANK (NEED & FEASIBILITY) 54
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00516648	BROWN	WELBERN C JR	BOBBIE P	BROWN	21246		PINE RIDGE	DR		CORNELIUS	21246 PINE RIDGE RD		CORNELIUS	NC	28031-9607
00516649	BROWN	WELBERN C JR	BOBBIE P	BROWN	21242		PINE RIDGE	DR		CORNELIUS	21246 PINE RIDGE RD		CORNELIUS	NC	28031
00516650	SCHWIEBERT	LOREN J	JANICE K	SCHWIEBERT	21238		PINE RIDGE	DR		CORNELIUS	21238 PINE RIDGE RD		CORNELIUS	NC	28031
00516651	MCDONELL	ROBERT C	JEANNE K	MCDONELL	21228		PINE RIDGE	DR		CORNELIUS	PO BOX 757		CORNELIUS	NC	28031-0757
00525598	TOWN OF CORNELIUS						MERIDIAN	ST		CORNELIUS	PO BOX 399		CORNELIUS	NC	28031
00525599	MECKLENBURG COUNTY				10313		DANESWAY	LN		CORNELIUS	600 E FOURTH ST		CHARLOTTE	NC	28202
00528165	BOCI	RICHARD L			19933		OAK LEAF	CR		CORNELIUS	19933 OAK LEAF CIR		CORNELIUS	NC	28031
00528166	GATLIN	ANNA P			19931		OAK LEAF	CR		CORNELIUS	19931 OAK LEAF CIR		CORNELIUS	NC	28031-9632
00528167	NOFZIGER	LOWELL E	ILA M	NOFZIGER	19929		OAK LEAF	CR		CORNELIUS	19929 OAK LEAF CIR		CORNELIUS	NC	28031-9632
00528168	YUHAS	BETTY B		(ET-AL)	19927		OAK LEAF	CR		CORNELIUS	19927 OAK LEAF CIR		CORNELIUS	NC	28031-9632
00528199	TWIN OAKS HOMEOWNERS ASSOC INC				19901		OAK LEAF	CR		CORNELIUS	PO BOX 8100		CHARLOTTE	NC	28203
00528226	CHAMBERS	SHIRLEY D		% OUR TOWNS HABITAT	21212		MILLARD	ST		CORNELIUS	PO BOX 1088		DAVIDSON	NC	28036
00528227	BURGESS	WALTER E JR			21204		MILLARD	ST		CORNELIUS	21204 MILLARD ST		CORNELIUS	NC	28031
00528521	QUICKEL DEVELOPMENT CO INC						SCHOOL	ST		CORNELIUS	19321 SCHOOL ST		CORNELIUS	NC	28031

REACH U29a
RANK (NEED & FEASIBILITY) 55
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01706201	MONTEITH	WILLIAM GLENN		DON REID MONTEITH	12001		OLD STATESVILLE	RD		HUNTERSVILLE	8908 CARLETO CT		CHARLOTTE	NC	28214
01720101	BAUMAN	ROBERT N	PAMELA G	BAUMAN	12117	N	STATESVILLE	RD		HUNTERSVILLE	2235 TOWNSHIP RD		CHARLOTTE	NC	28273
01720102	HURD	LINDA S			12221		STATESVILLE	RD		HUNTERSVILLE	12221 STATESVILLE RD		HUNTERSVILLE	NC	28078
01720103	EDWARDS	RAYMOND H	ANNE S	EDWARDS	12303	N	STATESVILLE	RD		HUNTERSVILLE	12303 STATESVILLE RD		HUNTERSVILLE	NC	28078
01720403	MECKLENBURG COUNTY			% REAL ESTATE /FINANCE DEPT	12100		STATESVILLE	RD		HUNTERSVILLE	600 E 4TH ST 11TH FLOOR		CHARLOTTE	NC	28202-2816

REACH U9b

RANK (NEED & FEASIBILITY) 56
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01720101	BAUMAN	ROBERT N	PAMELA G	BAUMAN	12117	N	STATESVILLE	RD		HUNTERSVILLE	2235 TOWNSHIP RD		CHARLOTTE	NC	28273
01720102	HURD	LINDA S			12221		STATESVILLE	RD		HUNTERSVILLE	12221 STATESVILLE RD		HUNTERSVILLE	NC	28078
01720103	EDWARDS	RAYMOND H	ANNE S	EDWARDS	12303	N	STATESVILLE	RD		HUNTERSVILLE	12303 STATESVILLE RD		HUNTERSVILLE	NC	28078

REACH P15a
RANK (NEED & FEASIBILITY) 57
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01745101	BOWMAN GROUP THE				12801		MT HOLLY-HUNTERSVILLE	RD		HUNTERSVILLE	10228 GOVERNER LANE BLVD #3002		WILLIAMSPORT	MD	21795
01745102	G M HOLDINGS LLC				100		CENTER	LN		HUNTERSVILLE	119 SILVER EAGLE LN		MOORESVILLE	NC	28117
01745103	BERNSTEIN	KENNETH D					CENTER	LN		HUNTERSVILLE	103 CENTER LN		HUNTERSVILLE	NC	28078-9778
01745104	BERNSTEIN	KENNETH D					CENTER	LN		HUNTERSVILLE	103 CENTER LN		HUNTERSVILLE	NC	28078-9778
01745105	LEWIS	MICHAEL B	JOYCE M	LEWIS			CENTER	LN		HUNTERSVILLE	PO BOX 1030		DAVIDSON	NC	28036-1030
01745106	PENINSULA INVESTMENTS LLC				107		CENTER	LN		HUNTERSVILLE	225 HILLSBOROUGH ST		RALEIGH	NC	27603
01745108	SMITH	MARK CHARLES	KATHLEEN D	SMITH	103		CENTER	LN		HUNTERSVILLE	103 CENTER LN		HUNTERSVILLE	NC	28078
01745199	PENINSULA INVESTMENTS LLC						CENTER	LN		HUNTERSVILLE	225 HILLSBOROUGH ST		RALEIGH	NC	27603

REACH U3
RANK (NEED & FEASIBILITY) 58
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01722103	MOSS	HAZELINE CONN	MARGARET CONN	HORTON	11836		PATTERSON	RD		HUNTERSVILLE	1666 RT 9 W		MILTON	NY	12547
01740105	CONN	THEODORE JACK TRUST	HAZELINE POTTS L/T	CONN	11301		MT HOLLY-HUNTERSVILLE	RD		HUNTERSVILLE	267 MILTON TURNPIKE		MILTON	NY	12547

REACH F11a
RANK (NEED & FEASIBILITY) 59
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00535590	D R HORTON INC - TORREY						STREAMLINE	CT		HUNTERSVILLE	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00535613	WORLEY	JOSHUA THOMAS	ASHLEY S	WORLEY	18334		FLAGMAN	CR		HUNTERSVILLE	18334 FLAGMAN CR		CORNELIUS	NC	28031
00535614	PARDUE	WAYNE J	JOSH	HALL	18330		FLAGMAN	CR		HUNTERSVILLE	18330 FLAGMAN CR		HUNTERSVILLE	NC	28078
00535615	BOLDING	TIMARA L	CORY R	BOLDING	18326		FLAGMAN	CR		HUNTERSVILLE	18326 FLAGMAN CR		CORNELIUS	NC	28031
00535616	O`BRIEN	JOHN KYLE			18320		FLAGMAN	CR		HUNTERSVILLE	18320 FLAGMAN CIR		CORNELIUS	NC	28031

00535617	SAUER	DARRYL W	LAURA V	SAUER	18314		FLAGMAN	CR		HUNTERSVILLE	18314 FLAGMAN CR		CORNELIUS	NC	28031
00535618	SALZMAN	DAWN YVONNE			18310		FLAGMAN	CR		HUNTERSVILLE	18310 FLAGMAN CR		CHARLOTTE	NC	28031
00535620	TREGO	HEATHER L			17135		GRAND CENTRAL	WY		HUNTERSVILLE	17135 GRAND CENTRAL WAY		CORNELIUS	NC	28031
00535621	BANKS	TODD R			17139		GRAND CENTRAL	WY		HUNTERSVILLE	17139 GRAND CENTRAL WY		CORNELIUS	NC	28031
00535622	ILER	DAVID L	CHRISTINE C	ILER	17207		GRAND CENTRAL	WY		HUNTERSVILLE	17207 GRAND CENTRAL WY		CORNELIUS	NC	28031
00535623	BONE	CORETTA E			17213		GRAND CENTRAL	WY		HUNTERSVILLE	17213 GRAND CENTRAL WY		CORNELIUS	NC	28031
00535624	HARTEL	GEORGE ANDREW	MICHELLE GENEVIEVE	BERGERON	17219		GRAND CENTRAL	WY		HUNTERSVILLE	17219 GRAND CENTRAL WY		CORNELIUS	NC	28031
00535698	D R HORTON INC - TORREY						CROSSING GATE	DR		HUNTERSVILLE	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203
00544330	CALDWELL PARTNERS LLC			% PHIL GANDY JR			OLD STATESVILLE	RD		HUNTERSVILLE	PO BOX 2326		CORNELIUS	NC	28031
00544332	KAREN INVESTMENTS LLC						WILL KNOX	RD		HUNTERSVILLE	PO BOX 31393		CHARLOTTE	NC	28231
00544333	HORTON D R INC-TORREY						OLD STATESVILLE	RD		HUNTERSVILLE	1100 S. TRYON ST STE 100		CHARLOTTE	NC	28203
00544420	HAMPTON RIDGE HOMEOWNERS OF	CHARLOTTE INC					LAUREATE	RD		HUNTERSVILLE	5250 SEVENTY SEVEN CENTER DR	#350	CHARLOTTE	NC	28217
00544427	KENNA	MICHAEL R	CAROLINE K	KENNA	16814		LAUREATE	RD		HUNTERSVILLE	16814 LAUREATE RD		HUNTERSVILLE	NC	28078
00544428	THOMAS	JACK E JR			16810		LAUREATE	RD		HUNTERSVILLE	16810 LAUREATE RD		HUNTERSVILLE	NC	28078
00544429	AGARWAL	RAJIV	GITANJALI	MATHUR	16806		LAUREATE	RD		HUNTERSVILLE	16806 LAUREATE RD		HUNTERSVILLE	NC	28078
00544430	KEENEY	CHARLENE	SHAWN	KEENEY	16802		LAUREATE	RD		HUNTERSVILLE	16802 LAUREATE RD		HUNTERSVILLE	NC	28078

REACH M3b
RANK (NEED & FEASIBILITY) 60
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01502113	BARNETTE	AGNES B		(ET-AL)	7107		BUD HENDERSON	RD		HUNTERSVILLE	7107 BUD HENDERSON RD		HUNTERSVILLE	NC	28078
01502127	BARNETTE	AGNES B			7115		BUD HENDERSON	RD		HUNTERSVILLE	7107 BUD HENDERSON RD		HUNTERSVILLE	NC	28078
01505108	CARRINGTON RIDGE LLC				7120		BUD HENDERSON	RD		HUNTERSVILLE	6707 FAIRVIEW RD		CHARLOTTE	NC	28210
01505530	DOUMANIAN	ROBBIN R			13417		ALSTON FOREST	DR		HUNTERSVILLE	13417 ALSTON FOREST DR		HUNTERSVILLE	NC	28078
01505534	SIZEMORE	ROBERT C	KIMBERLY A	SIZEMORE	13519		ALSTON FOREST	DR		HUNTERSVILLE	13519 ALSTON FOREST DR		HUNTERSVILLE	NC	28078
01505535	VEGA	RICARDO	NELLY E	VEGA	13523		ALSTON FOREST	DR		HUNTERSVILLE	3294 FAIRHAVEN AVENUE		KISSIMMEE	FL	34746
01505536	ST VRAIN VALLEY ASSOCIATES				13527		ALSTON FOREST	DR		HUNTERSVILLE	8058 CORPORATE CENTER DR	SUITE 100	CHARLOTTE	NC	28226
01505578	CARRINGTON RIDGE LLC						BRENTHAVEN PARK	DR		HUNTERSVILLE	6707 FAIRVIEW RD		CHARLOTTE	NC	28210
01505599	CARRINGTON RIDGE LLC						BUD HENDERSON	RD		HUNTERSVILLE	6707 FAIRVIEW RD		CHARLOTTE	NC	28210

REACH U5b
RANK (NEED & FEASIBILITY) 61
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE

01706201	MONTEITH	WILLIAM GLENN		DON REID MONTEITH	12001		OLD STATESVILLE	RD		HUNTERSVILLE	8908 CARLETO CT		CHARLOTTE	NC	28214
01706202	HUNTER	WEST P JR		BRENDA R HUNTER	11912	N	STATESVILLE	RD		HUNTERSVILLE	2430 GALLOWAY RD		CHARLOTTE	NC	28262

REACH L5a
RANK (NEED & FEASIBILITY) 62
RECOMMENDATION Enhancement I upstream / Restoration downstream

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01732115	BAXTER	TIMOTHY		GAIL BAXTER (H/W)	403		GLENORA	DR		HUNTERSVILLE	116 PINERIDGE DR		HUNTERSVILLE	NC	28078
01732116	HEETE	CAROLIN			404		GLENORA	DR		HUNTERSVILLE	404 GLENORA DR		HUNTERSVILLE	NC	28078
01732122	BURWELL	JAMES L	ELAINE M	BURWELL	202		REMALLY	LN		HUNTERSVILLE	202 REMALLY LN		HUNTERSVILLE	NC	28078-6009
01732123	BALDWIN	MICHAEL S		NATALIE D BALDWIN (H/W)	204		REMALLY	LN		HUNTERSVILLE	204 REMALLY LN		HUNTERSVILLE	NC	28078
01732124	MACLAUGHLIN	ERIC V			205		REMALLY	LN		HUNTERSVILLE	205 REMALLY LN		HUNTERSVILLE	NC	28078
01732125	WILLYARD	HARVEY L JR	SUSAN M	WILLYARD	203		REMALLY	LN		HUNTERSVILLE	203 REMALLY LN		HUNTERSVILLE	NC	28078
01733213	CAMPBELL	JOHN DONALD		GATEWOOD PAYNE	104		INTERLAKEN	PL		HUNTERSVILLE	104 INTERLAKEN PL		HUNTERSVILLE	NC	28078
01733214	BEAUMONT	STEPHEN			102		INTERLAKEN	PL		HUNTERSVILLE	14535 CORDIAL LN #115		HUNTERSVILLE	NC	28078
01733215	BENITEZ	ISAIAS	MAGNOLIA	BENITEZ	100		INTERLAKEN	PL		HUNTERSVILLE	100 INTERLAKEN PL		HUNTERSVILLE	NC	28078
01733216	ELKINS	ROBERT	CAROL	ELKINS	203		SOUTHLAND	RD		HUNTERSVILLE	203 SOUTHLAND RD		HUNTERSVILLE	NC	28078
01734105	MARSICO	MICHAEL		DOROTHY KLEIN-MARSICO	301		SHERWOOD	DR		HUNTERSVILLE	301 SHERWOOD DR		HUNTERSVILLE	NC	28078
01734106	PATTERSON	WILLIAM R JR		ANN B PATTERSON (H/W)	303		SHERWOOD	DR		HUNTERSVILLE	303 SHERWOOD DR		HUNTERSVILLE	NC	28078
01734107	RAMSEY	CHRISTINE MERO			305		SHERWOOD	DR		HUNTERSVILLE	305 SHERWOOD DR		HUNTERSVILLE	NC	28078
01734111	BROWN	BRUCE N	GALE H	BROWN	103		PROVIDENCE	LN		HUNTERSVILLE	103 PROVIDENCE LN		HUNTERSVILLE	NC	28078
01734112	RICHARDSON	DONNA L	TIMOTHY S	RICHARDSON	101		NITSA	LN		HUNTERSVILLE	101 NITSA LN		HUNTERSVILLE	NC	28078
01734113	WAGSTROM	GERALD W		KATHERINE CARTWRIGHT	103		NITSA	LN		HUNTERSVILLE	103 NISTA LN		HUNTERSVILLE	NC	28078-6023
01734114	SWAIN	DAN J	JILL M	SWAIN	105		NITSA	LN		HUNTERSVILLE	105 NISTA LN		HUNTERSVILLE	NC	28078
01734125	SKIPPER	CHARLIE LEE JR		TOMMIE EDWARDS	113		PINERIDGE	DR		HUNTERSVILLE	113 PINERIDGE DR		HUNTERSVILLE	NC	28078
01734126	GIBBS	SUSAN L			115		PINERIDGE	DR		HUNTERSVILLE	115 PINERIDGE DR		HUNTERSVILLE	NC	28078
01734127	HOWARD	JAMES C III	CHERYL R	HOWARD	117		PINERIDGE	DR		HUNTERSVILLE	117 PINERIDGE DR		HUNTERSVILLE	NC	28078
01734128	FARRINGTON	RAYMOND D	SUSAN M	FARRINGTON	121		PINERIDGE	DR		HUNTERSVILLE	121 PINERIDGE DR		HUNTERSVILLE	NC	28078
01734129	WEAVER	ALEX	KAREN	WEAVER	123		PINERIDGE	DR		HUNTERSVILLE	123 PINERIDGE DR		HUNTERSVILLE	NC	28078-8928
01734130	RUGGLES	DAVID P	ALISON R	RUGGLES	125		PINERIDGE	DR		HUNTERSVILLE	125 PINERIDGE DR		HUNTERSVILLE	NC	28078
01734148	CASHNER	HOWARD E	ANNE M	CASHNER	303		SHERWOOD	DR		HUNTERSVILLE	303 SHERWOOD DR #A		HUNTERSVILLE	NC	28078
01734312	HOOK	MICHAEL J	FRANCES L	HOOK	201		PROVIDENCE	LN		HUNTERSVILLE	201 PROVIDENCE LN		HUNTERSVILLE	NC	28078-9020
01734313	KASAK	HANS E	JULIE	KASAK	203		PROVIDENCE	LN		HUNTERSVILLE	203 PROVIDENCE LN		HUNTERSVILLE	NC	28078
01735109	ZYK	PETER F			111		CAMBRIDGE	RD		HUNTERSVILLE	111 CAMBRIDGE RD		HUNTERSVILLE	NC	28078-9007
01735110	SIMS	BOBBY E	SYLVIA D	SIMS	107		CAMBRIDGE	RD		HUNTERSVILLE	PO BOX 21		HUNTERSVILLE	NC	28070

01735114	WALTERS	PAUL SAMUEL	ESTHER H	WALTERS			ABINGDON	CR		HUNTERSVILLE	102 SHERWOOD DR		HUNTERSVILLE	NC	28078
01735115	IRISH	LANA J	SHAWN P	IRISH	205		ABINGDON	CR		HUNTERSVILLE	205 ABINGDON CIR		HUNTERSVILLE	NC	28078-9076
01735117	WALTERS	PAUL SAMUEL JR		MALISA VERBLE	203		ABINGDON	CR		HUNTERSVILLE	203 ABINGDON CIR		HUNTERSVILLE	NC	28078-9076

REACH U6
RANK (NEED & FEASIBILITY) 63
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01706201	MONTEITH	WILLIAM GLENN		DON REID MONTEITH	12001		OLD STATESVILLE	RD		HUNTERSVILLE	8908 CARLETO CT		CHARLOTTE	NC	28214
01737505	TREDGE	DONALD J		TONI M TREDGE (H/W)	13308		DAMSON	DR		HUNTERSVILLE	13308 DAMSON DR		HUNTERSVILLE	NC	28078
01737506	STUMP	BRIAN L			13304		DAMSON	DR		HUNTERSVILLE	13304 DAMSON DR		HUNTERSVILLE	NC	28078
01737507	KNESEL	ERIC E		CHERYL A BARTON	13300		DAMSON	DR		HUNTERSVILLE	13300 DAMSON DR		HUNTERSVILLE	NC	28078
01737517	PLUM CREEK PROPERTY OWNERS	ASSOC INC					DAMSON	DR		HUNTERSVILLE	PO BOX 87		HUNTERSVILLE	NC	28078
01737523	MOORE	SHIRLEY H		ISAAC R MOORE	13230		SLOE	WY		HUNTERSVILLE	13230 SLOE WAY		HUNTERSVILLE	NC	28078-5420
01737524	LOOMER	GLENN	LAURIE	LOOMER	13224		SLOE	WY		HUNTERSVILLE	13224 SLOE WAY		HUNTERSVILLE	NC	28078-5420
01737525	HUBERT	CAREY M			13218		SLOE	WY		HUNTERSVILLE	13218 SLOE WAY		HUNTERSVILLE	NC	28078-5420
01737526	VAUGHT	TERRI L			13212		SLOE	WY		HUNTERSVILLE	13212 SLOE WY		HUNTERSVILLE	NC	28078-5420
01737527	DOWELL	LYNN C			13206		SLOE	WY		HUNTERSVILLE	13206 SLOE WAY		HUNTERSVILLE	NC	28078-5420
01737528	PORTER	MAURICE B		IDA JEAN PORTER	13200		SLOE	WY		HUNTERSVILLE	13200 SLOE WAY		HUNTERSVILLE	NC	28078-5420
01737529	PLUM CREEK PROPERTY OWNERS	ASSOC INC			12321		CHICKASAW	DR		HUNTERSVILLE	PO BOX 87		HUNTERSVILLE	NC	28078
01737701	FENDER	DAVID W	TRACEY G	FENDER	13235		TOKA	CT		HUNTERSVILLE	13235 TOKA CT		HUNTERSVILLE	NC	28078

REACH A20a
RANK (NEED & FEASIBILITY) 64
RECOMMENDATION Bank Stabilization

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00513106	BLAKELY	ANNIE L				N	I-77	HY		UNINC	21132 BRINKLEY ST		CORNELIUS	NC	28031
00513118	BLAKELY	MARVIN			20490		CATAWBA	AV		UNINC	PO BOX 254		CORNELIUS	NC	28031
00513119	BLAKELY	JAMES R		WILLIAM F BLAKELY		N	I-77	HY		UNINC	21132 BRINKLEY ST		CORNELIUS	NC	28031
00513124	BLAKELY	JOHNNY HOLT	SIMONE	BLAKELY		N	I-77	HY		UNINC	PO BOX 812		CORNELIUS	NC	28031-0812
00513127	TT OF LAKE NORMAN LLC		SERVICES INC	% AUTOMOTIVE MANAGEMENT	20520		CHARTWELL CENTER	DR		CORNELIUS	515 N FLAGLER DR #P-400		WEST PALM BEACH	FL	33401
00513128	GEEHOON INVESTMENT LLC				20465		CHARTWELL CENTER	DR		CORNELIUS	20465 CARTWELL CENTER DR		CORNELIUS	NC	28031
00526304	EVERSOLE	BRIAN K	KELLY A	JOHNSON	19257		DUTCH IRIS	LN		CORNELIUS	19527 DUTCH IRIS LN		CORNELIUS	NC	28031
00526305	GLASCOCK	DAVID	LAURA	GLASCOCK	19258		DUTCH IRIS	LN		CORNELIUS	19258 DUTCH IRIS LN		CORNELIUS	NC	28031
00526306	GUILFORD	KENNETH S	TRACY C	GUILFORD	19254		DUTCH IRIS	LN		CORNELIUS	19254 DUTCH IRIS LN		CORNELIUS	NC	28031-7867
00526307	SALAZAR	EDWARD L	ROSE M	SALAZAR	19246		DUTCH IRIS	LN		CORNELIUS	19246 DUTCH IRIS LN		CORNELIUS	NC	28031
00526308	STEPHENSON	RANDOLPH E JR			19238		DUTCH IRIS	LN		CORNELIUS	19238 DUTCH IRIS LN		CORNELIUS	NC	28031
00526312	KENYON	BRIAN R	MARIE E	KENYON	8907		MAGNOLIA	DR		CORNELIUS	8907 MAGNOLIA		CORNELIUS	NC	28031

							ESTATES				ESTATES DR				
00526313	ERDT	MICHAEL J			8915		MAGNOLIA ESTATES	DR		CORNELIUS	8915 MAGNOLIA ESTATES DR		CORNELIUS	NC	28031
00527302	SILICON DRIVE PARTNERS LLC			% BEACON PARTNERS #3 LLC	20488		CHARTWELL CENTER	DR		CORNELIUS	9300 HARRIS CORNERS PY #100		CHARLOTTE	NC	28269
00527315	GANDY	PHIL M JR		QUINTON M GANDY		N	I-77	HY		CORNELIUS	123 BRIDGEPORT DR		MOORESVILLE	NC	28115

REACH E8a
RANK (NEED & FEASIBILITY) 65
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00914117	BIRKDALE GOLF ASSOCIATES LLC						BIRKDALE COMMONS	PY		HUNTERSVILLE	4201 CONGRESS ST SUITE 410		CHARLOTTE	NC	28209
00916127	KATZ	FRANK	MARY C	KATZ	16569		KIMBOLTEN	DR		HUNTERSVILLE	16569 KIMBOLTEN DR		HUNTERSVILLE	NC	28078
00917108	SHARPE	SAMUEL A			16507		GRAPPERHALL	DR		HUNTERSVILLE	16507 GRAPPERHALL DR		HUNTERSVILLE	NC	28078
00917109	HUDNALL	ALFRED A JR	DEBRA D	HUDNALL	16521		GRAPPERHALL	DR		HUNTERSVILLE	16521 GRAPPERHALL DR		HUNTERSVILLE	NC	28078
00917121	EDINGER	ROBERT H JR	BONNIE S	EDINGER	16618		GRAPPERHALL	DR		HUNTERSVILLE	16618 GRAPPERHALL DR		HUNTERSVILLE	NC	28078-8744
00917122	BANDIERAMONTE	JOSEPH G	LINDA E	BANDIERAMONTE	16612		GRAPPERHALL	DR		HUNTERSVILLE	16612 GRAPPERHALL DR		HUNTERSVILLE	NC	28078
00917123	RODGERS	JIMMY		JO ANN	16608		GRAPPERHALL	DR		HUNTERSVILLE	16608 GRAPPERHALL DR		HUNTERSVILLE	NC	28078
00917124	FRIDAY	ARTHUR F JR			16600		GRAPPERHALL	DR		HUNTERSVILLE	16600 GRAPPERHALL DR		HUNTERSVILLE	NC	28078
00917125	EHLINGER	MICHAEL D	KAREN S	EHLINGER	16522		GRAPPERHALL	DR		HUNTERSVILLE	16522 GRAPPERHALL DR		HUNTERSVILLE	NC	28078
00917126	HODGE	JEFFREY	SHERRI	HODGE	16510		GRAPPERHALL	DR		HUNTERSVILLE	16510 GRAPPERHALL DR		HUNTERSVILLE	NC	28078
00917128	BRAMLEY	DOUGLAS M		SHARON CHRISTINE	8211		CHANDOS	PL		HUNTERSVILLE	8211 CHANDOS PL		HUNTERSVILLE	NC	28078
00917129	FLOWE	MILTON M	SHIRLEY E	FLOWE	8215		CHANDOS	PL		HUNTERSVILLE	8215 CHANDOS PL		HUNTERSVILLE	NC	28078
00917130	PRIOR	DAVID CHARLES		LYNDA FAIRWEATHER	8219		CHANDOS	PL		HUNTERSVILLE	8219 CHANDOS PL		HUNTERSVILLE	NC	28078
00917152	POOLE	JIMMY K	WANDA K	POOLE	16511		BEECH HILL	DR		HUNTERSVILLE	16511 BEECH HILL DR		HUNTERSVILLE	NC	28078
00917153	FAUST	KENNETH M	CHERYL D	FAUST	16519		BEECH HILL	DR		HUNTERSVILLE	16519 BEECH HILL DR		HUNTERSVILLE	NC	28078
00917154	HANDY	ROBERT B		DEBRA C HANDY	16527		BEECH HILL	DR		HUNTERSVILLE	16527 BEECH HILL DR		HUNTERSVILLE	NC	28078-8735
00917165	GORDON	CHRISTOPHER S	KATHERINE	GORDON	8316		BELLINGHAM	CT		HUNTERSVILLE	8316 BELLINGHAM CT		HUNTERSVILLE	NC	28078
00917166	RODRIGUEZ	RAUL	LORRAINE	RODRIGUEZ	8312		BELLINGHAM	CT		HUNTERSVILLE	8312 BELLINGHAM CT		HUNTERSVILLE	NC	28078
00917169	HARDING	CONSTANCE A			16520		BEECH HILL	DR		HUNTERSVILLE	16520 BEECH HILL DR		HUNTERSVILLE	NC	28078
00917170	PANGLE	ANDREA LEE	WILLIAM MICHAEL	RICE	16512		BEECH HILL	DR		HUNTERSVILLE	16512 BEECH HILL DR		HUNTERSVILLE	NC	28078
00917173	WEASE	JAMES CONRAD	NANCY P	WEASE	8311		QUEENSWAY	PL		HUNTERSVILLE	8311 QUEENSWAY PL		HUNTERSVILLE	NC	28078

00917174	DEARING	TERRY W	SHIRLEY M	DEARING	8315		QUEENSWAY	PL		HUNTERSVILLE	8315 QUEENSWAY PL		HUNTERSVILLE	NC	28078
00917182	BIRKDALE HOMEOWNERS ASSOC INC						BIRKDALE COMMONS	PY		HUNTERSVILLE	4201 CONGRESS ST	ROTUNDA SUITE #175	CHARLOTTE	NC	28209
00917183	BIRKDALE APARTMENTS LLC			% THE CROSLAND GROUP INC	16501		STONEMASON	DR		HUNTERSVILLE	227 W TRADE ST #900		CHARLOTTE	NC	28202
00917212	CAMPIONE	LARRY E	JOANNE E	CAMPIONE	16150		COVINGTON POINT	LN		HUNTERSVILLE	16150 COVINGTON POINT LN		HUNTERSVILLE	NC	28078

REACH U16a
RANK (NEED & FEASIBILITY) 66
RECOMMENDATION Restoration

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01720403	MECKLENBURG COUNTY			% REAL ESTATE /FINANCE DEPT	12100		STATESVILLE	RD		HUNTERSVILLE	600 E 4TH ST 11TH FLOOR		CHARLOTTE	NC	28202-2816
01742109	CENTRAL PIEDMONT	COMMUNITY COLLEGE		%TRUSTEES			VERHOEFF	DR		HUNTERSVILLE	PO BOX 35009		CHARLOTTE	NC	28235
01742110	MECKLENBURG COUNTY	CHRONIC DISEASE		% REAL ESTATE /FINANCE DEPT			VERHOEFF	DR		HUNTERSVILLE	600 E 4TH ST FL 11		CHARLOTTE	NC	28202-2816

REACH I9a
RANK (NEED & FEASIBILITY) 67
RECOMMENDATION Enhancement I

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00910126	MONTEITH HOLDINGS LLC					N	STATESVILLE	RD		HUNTERSVILLE	501 S. SHARON AMITY RD STE 310		CHARLOTTE	NC	28211
00924210	LIEN	BON-HSIANG	CHUAN-CHUAN C	LIEN	10333		TALLENT	LN		HUNTERSVILLE	10333 TALLENT LN		HUNTERSVILLE	NC	28078
00924211	JAMES	CLYDE PATRICK	KATHY C	JAMES	10336		REMEMBRANCE	TL		HUNTERSVILLE	10336 REMEMBRANCE TRL		HUNTERSVILLE	NC	28078-5913
00924307	JONES	WILLIAM E.	ELIZABETH D.	JONES	10520		REMEMBRANCE	TL		HUNTERSVILLE	10520 REMEMBRANCE TRL		HUNTERSVILLE	NC	28078-5915
00924308	WEBSTER	SCOTT B	JENNIFER A	WEBSTER	10518		REMEMBRANCE	TL		HUNTERSVILLE	10518 REMEMBRANCE TL		HUNTERSVILLE	NC	28078
00924309	BEITEL	JEFFREY T	AMY E	BEITEL	10510		REMEMBRANCE	TL		HUNTERSVILLE	10510 REMEMBRANCE TRL		HUNTERSVILLE	NC	28078-5915
00924310	HOSKINS	ANTHONY W	DIANE M	HOSKINS	10502		REMEMBRANCE	TL		HUNTERSVILLE	10502 REMEMBRANCE TRL		HUNTERSVILLE	NC	28078-5915
00924311	MITCHELL	JAMES E		MARY MITCHELL (H/W)	10416		REMEMBRANCE	TL		HUNTERSVILLE	10416 REMEMBRANCE TL		HUNTERSVILLE	NC	28078-5914
00924312	DIMMICK	EMERSON L	KAREN A	DIMMICK	10408		REMEMBRANCE	TL		HUNTERSVILLE	10408 REMEBRANCE TL		HUNTERSVILLE	NC	28078
00924313	KEIPER	STEPHEN A	JOAN C	KEIPER	10400		REMEMBRANCE	TL		HUNTERSVILLE	10400 REMEMBRANCE TRL		HUNTERSVILLE	NC	28078-5914
00924314	KIDD	TIMOTHY M	MAUREEN	KIDD	9800		NORTHDOWNS	LN		HUNTERSVILLE	9800 NORTHDOWNS LN		HUNTERSVILLE	NC	28078
00924324	GUGLIETTA	JAMES L	GAIL P	GUGLIETTA	9727		VAN STRATTEN	CT		HUNTERSVILLE	9727 VAN STRATTAN CT		HUNTERSVILLE	NC	28078-5918
00924325	MCENTIRE	EDWARD L	DANA K	MCENTIRE	9726		VAN STRATTEN	CT		HUNTERSVILLE	9726 VAN STRATTAN CT		HUNTERSVILLE	NC	28078-5918
00924326	HENRY L FERGUSON & WANDA P	FERGUSON JOINT CARING	HENRY L	FERGUSON	9722		VAN STRATTEN	CT		HUNTERSVILLE	9722 VAN STRATTAN CT		HUNTERSVILLE	NC	28078-5918

		TST													
00924332	SUTTON	STUART W	BOBBIE T	SUTTON	15700		DELANCEY	LN		HUNTERSVILLE	15700 DELANCEY LN		HUNTERSVILLE	NC	28078
00924333	WILLINGHAM	CORNELIUS VERNON JR	MICHELLE	WILLINGHAM	15701		DELANCEY	LN		HUNTERSVILLE	15701 DELANCEY LN		HUNTERSVILLE	NC	28078
00924334	LLOYD	DAVID R	KRIS A	LLOYD	15709		DELANCEY	LN		HUNTERSVILLE	15709 DELANCEY LN		HUNTERSVILLE	NC	28078
00924398	FIVE-H LAND CO INC						DELANCEY	LN		HUNTERSVILLE	6805 FAIRVIEW RD STE C		CHARLOTTE	NC	28210-2702

REACH F28a
RANK (NEED & FEASIBILITY) 68
RECOMMENDATION Enhancement II

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
00531401	COMBS	JOHN M JR	PATRICIA L	KING-COMBS	17035		GLASSFIELD	DR		HUNTERSVILLE	17035 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00531402	SMITH	GEORGE P	ROXANNE J	SMITH	17024		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17024 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00531403	PORUBSKY	ROGER L	SUSAN J	PORUBSKY	17016		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17016 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532139	MOSTERT	BRENT ROSS		SUSAN JANE	17422		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17422 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532140	SMITH	JEFFREY W II			17414		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17414 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532141	HYLTON	DIANE	RONALD	HYLTON	17406		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17326 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532142	LAWWILL	DAVID M			17400		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17400 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532143	CALLAHAM	THOMAS E			17324		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17324 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532144	NICKERSON	RUSSELL S	JULIE S	NICKERSON	17318		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17318 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532145	WEST	BRIAN T	ASHLEY S	WEST	17310		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17310 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532146	WRIGHT	JAMES RICHARD			17304		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17304 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532147	WINGATE	GARY E	EVELYN S	WINGATE	17228		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17228 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532148	DAVIDSON	HARRY K			17222		CAMBRIDGE GROVE	DR		HUNTERSVILLE	PO BOX 1957		DAVIDSON	NC	28036
00532149	FRANCE	MITCHELL J	DENISE L	FRANCE	17216		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17216 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532150	SISSON	BRIAN P	PATRICIA P	SISSON	17210		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17210 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532151	JIMMY A CHAMBERS SR	REVOCABLE TRUST	JIMMY A SR TRUSTEE	CHAMBERS	17202		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17719 SPRINGWINDS DR		CORNELIUS	NC	28031
00532152	O`NEILL	RANDOLPH M	JANE M	O`NEILL	17130		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17130 COMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532153	HUSS	BRIAN F		CYNTHIA F HUSS (H/W)	17124		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17124 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532154	SORENSEN	GARY J	CHRISTIE M	SORENSEN	17118		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17118 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078

00532155	MULCAHY	DANIEL T	TERESA M	MULCAHY	17112		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17112 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078
00532156	JOHNSON	MARCUS	TAMIKA FIELDS	JOHNSON	17106		CAMBRIDGE GROVE	DR		HUNTERSVILLE	17106 CAMBRIDGE DR		HUNTERSVILLE	NC	28078
00532157	BOESCH	WILLIAM JEFFREY	MICHELLE V	BOESCH	17101		GLASSFIELD	DR		HUNTERSVILLE	17101 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532158	STEEN	PAUL	BRENDA F	STEEN	17107		GLASSFIELD	DR		HUNTERSVILLE	17101 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532159	NOWICKI	WILLIAM	JENNIFER	NOWICKI	17113		GLASSFIELD	DR		HUNTERSVILLE	17113 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532160	ROMAN	JAIME F JR	K`LYNN A	ROMAN	17119		GLASSFIELD	DR		HUNTERSVILLE	17119 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532161	CAGE	ROLAND T	HOMELLA Y	REED-CAGE	17123		GLASSFIELD	DR		HUNTERSVILLE	17213 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532162	BLANKENSHIP	CHARLES T	ANNA M	BLANKENSHIP	17203		GLASSFIELD	DR		HUNTERSVILLE	17203 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532163	BURKETT	MICHELLE D			17211		GLASSFIELD	DR		HUNTERSVILLE	5635 EMPRESS LN		COLUMBUS	OH	43235
00532164	HYLAND	WILLIAM F	SUSANNE B	HYLAND	17219		GLASSFIELD	DR		HUNTERSVILLE	17219 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532165	MCCALLUM	KAREN DENISE			17227		GLASSFIELD	DR		HUNTERSVILLE	17227 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532166	RICHARDVILLE	CRAIG D	ANN L	RICHARDVILLE	17235		GLASSFIELD	DR		HUNTERSVILLE	17235 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532167	MURRAY	GRAHAM J		JACQUELINE MURRAY (SP)	17241		GLASSFIELD	DR		HUNTERSVILLE	17241 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532168	STULTZ	MARK A	LANNA K	STULTZ	17247		GLASSFIELD	DR		HUNTERSVILLE	17247 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00532169	BRANCH	RONALD F	JANET L	BRANCH	17253		GLASSFIELD	DR		HUNTERSVILLE	151 HEBRON CR		SACRAMENTO	CA	95835
00532170	BORCICH	MEREDITH	CHRISTOPHER L %V FISHER	BORCICH	17259		GLASSFIELD	DR		HUNTERSVILLE	4534 ICARD RIDGE RD		HICKORY	NC	28601
00532171	HEROLD	ERIC C	ANN E	HEROLD	17301		GLASSFIELD	DR		HUNTERSVILLE	17301 GLASSFIELD DR		HUNTERSVILLE	NC	28078
00543402	DELLINGER	CHARLES CLARK	AMY CHRISTINE	ROBB	10311		GLENCREST	DR		HUNTERSVILLE	10311 GLENCREST DRIVE		HUNTERSVILLE	NC	28078
00543403	ANDERSON	ROBERT B	KIMBERLY	ANDERSON	10315		GLENCREST	DR		HUNTERSVILLE	10315 GLENCREST DR		HUNTERSVILLE	NC	28078
00543404	SPITALIERE	JOSEPH	CAMELIA	SPITALIERE	16907		HAMPTON CROSSING	DR		HUNTERSVILLE	16907 HAMPTON CROSSING DR		HUNTERSVILLE	NC	28078
00543442	RUSSELL	JEFFERY		SHANNON RUSSELL (H/W)	10336		WILLINGHAM	RD		HUNTERSVILLE	10336 WILLINGHAM RD		HUNTERSVILLE	NC	28078
00543443	MULDOWNEY	EDWARD F JR	CHRISTINE T	MULDOWNEY	10332		WILLINGHAM	RD		HUNTERSVILLE	10332 WILLINGHAM RD		HUNTERSVILLE	NC	28078
00543444	PILSBURY	ADAM SAMUEL		RUTH KATHERYN KREKELER	10328		WILLINGHAM	RD		HUNTERSVILLE	10328 WILLINGHAM RD		HUNTERSVILLE	NC	28078
00543445	REID	ALAN J	TERRI W	REID	10324		WILLINGHAM	RD		HUNTERSVILLE	10324 WILLINGHAM RD		HUNTERSVILLE	NC	28078
00543446	PEAKE	KATHLEEN A			10320		WILLINGHAM	RD		HUNTERSVILLE	10320 WILLINGHAM RD		HUNTERSVILLE	NC	28078
00543447	HODGES	JEFFERSON L			10316		WILLINGHAM	RD		HUNTERSVILLE	10316 WILLINGHAM RD		HUNTERSVILLE	NC	28078
00543448	SINSKI	BRIAN	DEBORAH	SINSKI	10312		WILLINGHAM	RD		HUNTERSVILLE	10312 WILLINGHAM RD		HUNTERSVILLE	NC	28078
00543494	RHEIN ROBERT C INTERESTS INC						BLACKSTOCK	RD		HUNTERSVILLE	7265 KENWOOD RD STE 220		CINCINNATI	OH	45236-4411

REACH	U5a
RANK (NEED & FEASIBILITY)	69
RECOMMENDATION	Buffer Enhancement

PARCEL ID	OWNER, LAST NAME	OWNER, FIRST NAME	COWNER, FIRST NAME	COWNER, LAST NAME	HOUSENO	STDIR	STNAME	STTYPE	STSUFFIX	MUNICIPALITY	MAILADDR1	MAILADDR2	CITY	STATE	ZIPCODE
01706201	MONTEITH	WILLIAM GLENN		DON REID MONTEITH	12001		OLD STATESVILLE	RD		HUNTERSVILLE	8908 CARLETO CT		CHARLOTTE	NC	28214
01706202	HUNTER	WEST P JR		BRENDA R HUNTER	11912	N	STATESVILLE	RD		HUNTERSVILLE	2430 GALLOWAY RD		CHARLOTTE	NC	28262
01706205	DELLINGER	WILLIAM J		(ET-AL)	12150		HAMBRIGHT	RD		HUNTERSVILLE	PO BOX 929		MONROE	NC	28111-0929

PID	CAMA_ACREA	OWNER_NAME	MAILADDR1	MAILADDR2	CITY	STATE	ZIP_CODE	LEGAL_ACRE	MUNIC	HOUSE_NO	ST_DIR	ST_NAME	ST_TYPE
00943424	0.139	ABEL NAOMI MAE	16022 STONEMONT RD		HUNTERSVILLE	NC	28078	0.139	HUNTERSVILLE	16022		STONEMONT	RD
01306221	1.460	ALEXANDER GEORGE WOODSIDE JR	13011 BEATTIES FORD RD		HUNTERSVILLE	NC	28078	1.460	HUNTERSVILLE			BEATTIES FORD	RD
00912276	0.403	ALLISON TODD S	10111 TALLENT LN		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	10111		TALLENT	LN
01712141	13.910	ARAHOVA LLC	534 TURNERSBURG HWY		STATESVILLE	NC	28625	13.910	HUNTERSVILLE		N	STATESVILLE	RD
00541238	1.920	ARCHER THOMAS T	211 WITHROW CREEK RD		MOORESVILLE	NC	281157100	1.920	CORNELIUS			STATESVILLE	RD
01504112	0.188	ARVIDA MID-ATLANTIC HOMES INC	13777 BALLANTYNE CORPORATE PL	STE 320	CHARLOTTE	NC	28277	0.188	HUNTERSVILLE			DARBLAY	ST
01504113	0.188	ARVIDA MID-ATLANTIC HOMES INC	13777 BALLANTYNE CORPORATE PL	STE 320	CHARLOTTE	NC	28277	0.188	HUNTERSVILLE			DARBLAY	ST
01504135	1.048	ARVIDA MID-ATLANTIC HOMES INC	13777 BALLANTYNE CORPORATE PL	STE 320	CHARLOTTE	NC	28277	1.048	HUNTERSVILLE			DARBLAY	ST
01504101	63.046	ARVIDA MID-ATLANTIC HOMES INC	13777 BALLANTYNE CORPORATE PL	STE 320	CHARLOTTE	NC	282773424	43.677	HUNTERSVILLE	7300		GILEAD	RD
01320109	0.000	AUSTIN DONNA GAYLE	5632 JIM KIDD RD		HUNTERSVILLE	NC	28078	2.180	HUNTERSVILLE				
00917122	0.668	BANDIERAMONTE JOSEPH G	16612 GRAPPERHALL DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	16612		GRAPPERHALL	DR
01717303	9.140	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	9.140	HUNTERSVILLE	12982		MCCOY	RD
01718401	11.210	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	11.210	HUNTERSVILLE			REESE	BV
01716201	15.209	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	15.209	HUNTERSVILLE	9920		KINCEY	AV
01716201	15.209	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	15.209	HUNTERSVILLE	9930		KINCEY	AV
01746103	23.837	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	23.837	HUNTERSVILLE	12200		HERBERT WAYNE	CT
01746104	24.350	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	24.350	HUNTERSVILLE	12976		MCCOY	RD
01718102	65.234	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	65.233	HUNTERSVILLE			REESE	BV
01746105	11.445	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	11.580	HUNTERSVILLE	12125		HERBERT WAYNE	CT
01718501	12.564	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	12.564	HUNTERSVILLE	13245		LINDLEY	DR
01716505	15.170	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	15.170	HUNTERSVILLE	13114		MCCOY	RD
01718106	3.190	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	3.190	HUNTERSVILLE	13801		REESE	BV
01719102	112.000	BANK OF AMERICA	REIS NCL 002 11 07	BANK OF AMERICA PLAZA #11	CHARLOTTE	NC	282550131	112.700	HUNTERSVILLE		N	I-77	HY
00917166	0.293	BANK ONE NATIONAL ASSOCIA TSTE	9275 SKY PARK CT 3RD		SAN DIEGO	CA	92123	1.260	HUNTERSVILLE	8312		BELLINGHAM	CT
00906101	39.090	BANKS RICHARD TORRANCE	PO BOX 122		HUNTERSVILLE	NC	28078	39.090	HUNTERSVILLE	8301		GILEAD	RD
01502113	129.415	BARNETTE AGNES B B/E	7107 BUD HENDERSON RD		HUNTERSVILLE	NC	28078	129.414	HUNTERSVILLE	7107		BUD HENDERSON	RD
01505109	39.090	BARNETTE BERTRAM ALEXANDER	7218 BUD HENDERSON RD		HUNTERSVILLE	NC	28078	39.090	HUNTERSVILLE	7218		BUD HENDERSON	RD
00902207	36.970	BEARD BILLY F	6027 GILEAD RD		HUNTERSVILLE	NC	280786500	35.850	HUNTERSVILLE	6027		GILEAD	RD
00902205	22.530	BEARD BILLY F	6027 GILEAD RD		HUNTERSVILLE	NC	28078	22.530	HUNTERSVILLE			BEATTIES FORD	RD
00536104	1.731	BEF REIT INC	3776 S HIGH ST		COLUMBUS	OH	432074012	2.012	HUNTERSVILLE	16706		NORTHCROSS	DR
01535102	10.000	BELLINGHAUSEN CARL	8428 GILEAD RD		HUNTERSVILLE	NC	28078	8.354	HUNTERSVILLE	8428		GILEAD	RD
01535107	0.000	BELLINGHAUSEN CARL HSB	8428 GILEAD RD		HUNTERSVILLE	NC	28078	1.636	HUNTERSVILLE				
00917183	14.550	BIRKDALE APARTMENTS LLC	PO BOX 11797		CHARLOTTE	NC	282201231	14.550	HUNTERSVILLE	8300		STREAMVIEW	DR
00907236	0.141	BIRKDALE AT LAKE NORMAN LLC	4201 CONGRESS ST STE 175		CHARLOTTE	NC	282094624	0.141	HUNTERSVILLE	9636		COCKERHAM	LN
00943497	1.880	BIRKDALE AT LAKE NORMAN LLC	4201 CONGRESS ST STE 175		CHARLOTTE	NC	282094624	2.061	HUNTERSVILLE			DEVONSHIRE	DR
00943199	4.950	BIRKDALE AT LAKE NORMAN LLC	4201 CONGRESS ST STE 175		CHARLOTTE	NC	282094624	4.919	HUNTERSVILLE			DEVONSHIRE	DR
00943198	16.000	BIRKDALE GOLF ASSOCIATES LLC	4201 CONGRESS ST STE 175		CHARLOTTE	NC	282094624	16.000	HUNTERSVILLE			DEVONSHIRE	DR
00914117	82.216	BIRKDALE GOLF ASSOCIATES LLC	16500 BIRKDALE COMMONS PKY		HUNTERSVILLE	NC	28078	82.216	HUNTERSVILLE			BIRKDALE COMMONS	PY
00907223	2.716	BIRKDALE HOMEOWNERS ASSOC INC	4201 CONGRESS ST STE 175		CHARLOTTE	NC	282094624	2.716	HUNTERSVILLE			COCKERHAM	LN
00943426	0.175	BIRKDALE HOMEOWNERS ASSOC INC	4201 CONGRESS ST STE 175		CHARLOTTE	NC	282094624	0.175	HUNTERSVILLE			STONEMONT	RD
00537105	4.882	BIRKDALE VILLAGE LLC	125 SCALEYBARK RD		CHARLOTTE	NC	28209	4.882	HUNTERSVILLE	8815		LINDHOLM	DR
00537196	2.261	BIRKDALE VILLAGE LLC	125 SCALEYBARK RD		CHARLOTTE	NC	28209	2.261	HUNTERSVILLE			SAM FURR	RD
00537402	5.275	BIRKDALE VILLAGE LLC	125 SCALEYBARK RD		CHARLOTTE	NC	28209	5.275	HUNTERSVILLE	16725		BIRKDALE COMMONS	PY

00537162	2.355	BIRKDALE VILLAGE LLC	125 SCALEYBARK RD		CHARLOTTE	NC	28209	2.355	HUNTERSVILLE			CRANLYN	RD
01509105	4.591	BOCKER PAUL	7828 GILEAD RD		HUNTERSVILLE	NC	28078	4.591	HUNTERSVILLE	7828		GILEAD	RD
00943423	0.130	BOND JOANNE S	16026 STONEMONT RD		HUNTERSVILLE	NC	28078	0.130	HUNTERSVILLE	16026		STONEMONT	RD
00533121	1.810	BOOZEL SANDRA R	PO BOX 1058		CORNELIUS	NC	28031	1.810	CORNELIUS	18619		STARCREEK	DR
00919229	0.191	BOYCE DAVID A	15130 STONEGREEN LN		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	15130		STONEGREEN	LN
01539175	0.213	BRADFORD GARY BRENT	7502 LULLWATER CV		HUNTERSVILLE	NC	28078	0.213	HUNTERSVILLE	7502		LULLWATER	CV
01505404	0.000	BROOKWOOD HOME BUILDERS INC	10100 PARK CEDAR DR		CHARLOTTE	NC	28210	0.147	HUNTERSVILLE				
01505401	0.000	BROOKWOOD HOME BUILDERS INC	10100 PARK CEDAR DR #180		CHARLOTTE	NC	28210	0.201	HUNTERSVILLE				
01505402	0.000	BROOKWOOD HOME BUILDERS INC	10100 PARK CEDAR DR #180		CHARLOTTE	NC	28210	0.157	HUNTERSVILLE				
01505403	0.000	BROOKWOOD HOME BUILDERS INC	10100 PARK CEDAR DR		CHARLOTTE	NC	28210	0.146	HUNTERSVILLE				
00535103	17.940	BROTHERTON T L INC	13223 WILLOW BREEZE LN		HUNTERSVILLE	NC	28078	17.940	MECKLENBURG COUNTY	10350		BAILEY	RD
00905117	13.810	BROWN WILLIAM VERNON	7633 GILEAD RD		HUNTERSVILLE	NC	280787535	13.810	HUNTERSVILLE	14412		ERVIN COOK	RD
00903208	29.030	BROWN WILLIAM VERNON	7633 GILEAD RD		HUNTERSVILLE	NC	28078	29.030	HUNTERSVILLE	7633		GILEAD	RD
00905113	15.540	BROWN WILLIAM VERNON	7633 GILEAD RD		HUNTERSVILLE	NC	28078	15.540	HUNTERSVILLE	14200		ERVIN COOK	RD
00905118	14.910	BROWN WILLIAM VERNON	7633 GILEAD RD		HUNTERSVILLE	NC	280787535	14.910	HUNTERSVILLE	14520		ERVIN COOK	RD
00905115	16.020	BROWN WILLIAM VERNON	7633 GILEAD RD		HUNTERSVILLE	NC	280787535	16.020	HUNTERSVILLE	14308		ERVIN COOK	RD
00905114	14.100	BROWN WILLIAM VERNON	7633 GILEAD RD		HUNTERSVILLE	NC	28078	14.100	HUNTERSVILLE	14220		ERVIN COOK	RD
00904106	65.000	BROWN WILLIAM VERNON	7633 GILEAD RD		HUNTERSVILLE	NC	280787535	65.000	HUNTERSVILLE	14620		ERVIN COOK	RD
00905110	14.720	BROWN WILLIAM VERNON	7633 GILEAD RD		HUNTERSVILLE	NC	28078	14.720	HUNTERSVILLE	14020		ERVIN COOK	RD
00919220	0.152	BRUMBAUGH WAYNE D	8900 CUMBRIA CT		HUNTERSVILLE	NC	280788500	0.000	HUNTERSVILLE	8900		CUMBRIA	CT
01542104	34.548	BURGESS BILL J L/E	6901 MCILWAINE RD		HUNTERSVILLE	NC	28078	34.548	HUNTERSVILLE	6911		MCILWAINE	RD
01502121	21.380	BUTTAR RASHID A	14316 BEATTIES FORD RD		HUNTERSVILLE	NC	28078	21.419	HUNTERSVILLE	14316		BEATTIES FORD	RD
00943102	0.370	BYRNE MICHAEL J	15922 STONEMONT RD		HUNTERSVILLE	NC	28078	0.370	HUNTERSVILLE	15922		STONEMONT	RD
00912272	0.468	CAFFEY JOHN D	10009 TALLENT LN		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	10009		TALLENT	LN
01505533	0.000	CAMBRIDGE HOMES NORTH CAROLINA	242 NORTH WESTMONTE DR		ALTAMONTE SPRIN	FL	32714	0.220	HUNTERSVILLE				
01505532	0.000	CAMBRIDGE HOMES NORTH CAROLINA	242 NORTH WESTMONTE DR		ALTAMONTE SPRIN	FL	32714	0.218	HUNTERSVILLE				
01505531	0.000	CAMBRIDGE HOMES NORTH CAROLINA	242 NORTH WESTMONTE DR		ALTAMONTE SPRIN	FL	32714	0.229	HUNTERSVILLE				
01505530	0.000	CAMBRIDGE HOMES NORTH CAROLINA	242 NORTH WESTMONTE DR		ALTAMONTE SPRIN	FL	32714	0.338	HUNTERSVILLE				
01508102	76.000	CAMERON & ASSOCIATES	5175 VIRGINIA AV		N CHARLESTON	SC	29405	76.000	HUNTERSVILLE			MCILWAINE	RD
00541105	15.681	CAR SON LNB SHOP LLC	1420 SPRING HILL RD #525		MCLEAN	VA	22102	15.681	MECKLENBURG COUNTY		N	I-77	HY
01542106	3.722	CARLYLE JULIA F	2036 STONEYFORD PL		CHARLOTTE	NC	282161531	3.722	HUNTERSVILLE			MCILWAINE	RD
01542107	22.256	CARRINGTON RIDGE LLC	6707 FAIRVIEW RD #120		CHARLOTTE	NC	28210	23.278	HUNTERSVILLE			BEATTIES FORD	RD
01505108	75.153	CARRINGTON RIDGE LLC	6707 FAIRVIEW RD #120		CHARLOTTE	NC	28210	64.970	HUNTERSVILLE	7120		BUD HENDERSON	RD
00943208	0.730	CAUGHRAN BRUCE W	15708 AGINCOURT DR		HUNTERSVILLE	NC	280785849	0.730	HUNTERSVILLE	15708		AGINCOURT	DR
01538195	3.255	CEDARFIELD PARK	205 REGENCY EXECUTIVE PARK		CHARLOTTE	NC	282172957	3.255	HUNTERSVILLE	9000		TORRENCE CROSSING	DR
00901199	6.414	CITY OF CHARLOTTE	600 E 4TH ST		CHARLOTTE	NC	282022816	6.414	HUNTERSVILLE			OLIVER HAGER	RD
01308125	62.230	CITY OF CHARLOTTE	600 EAST 4TH ST		CHARLOTTE	NC	28202	62.230	HUNTERSVILLE			JIM KIDD	RD
01715307	2.550	CITY OF CHARLOTTE	600 EAST 4TH ST		CHARLOTTE	NC	28202	2.550	HUNTERSVILLE		N	STATESVILLE	RD
01323105	111.930	CITY OF CHARLOTTE	600 E 4TH ST		CHARLOTTE	NC	282022816	111.000	HUNTERSVILLE	4901		NECK	RD
00935101	151.300	CITY OF CHARLOTTE	600 E 4TH ST		CHARLOTTE	NC	282022816	151.300	HUNTERSVILLE	7899		BABE STILLWELL FARM	RD
01506103	60.380	CLARK REGINALD L	11207 MONTE CARLO DR		HUNTERSVILLE	NC	28078	60.380	HUNTERSVILLE	7231		MCILWAINE	RD
00917184	7.923	COGDELL INVESTORS (BIRKDALE)	PO BOX 1334		MATTHEWS	NC	281061334	7.923	HUNTERSVILLE	16627		BIRKDALE COMMONS	PY
00943103	0.330	CONN DAVID	PO BOX 1185		HUNTERSVILLE	NY	28070	0.330	HUNTERSVILLE	15914		STONEMONT	RD

01740105	94.000	CONN HAZELINE POTTS	1667 ROUTE US 9 WEST		MILTON	NY	12547	94.000	HUNTERSVILLE	11301		MT HOLLY-HUNTERSVILL	RD
00904103	72.410	COOK E H JR	15032 ERVIN COOKE RD		HUNTERSVILLE	NC	280787559	72.410	HUNTERSVILLE			ERVIN COOK	RD
00904105	75.000	COOK E H JR	15032 ERVIN COOKE RD		HUNTERSVILLE	NC	280787559	75.000	HUNTERSVILLE			ERVIN COOK	RD
00904102	27.250	COOK INVESTMENTS L P U/A	14701 ERVIN COOKE RD		HUNTERSVILLE	NC	280787556	27.250	HUNTERSVILLE			ERVIN COOK	RD
00940102	59.630	COOK INVESTMENTS L P U/A	14701 ERVIN COOKE RD		HUNTERSVILLE	NC	280787556	59.630	HUNTERSVILLE	14701		ERVIN COOK	RD
00940103	91.120	COOK INVESTMENTS L P U/A	14701 ERVIN COOKE RD		HUNTERSVILLE	NC	280787556	91.120	HUNTERSVILLE			ERVIN COOK	RD
00507109	4.000	COOKE FARMS INC	14226 STUMPTOWN RD		HUNTERSVILLE	NC	28078	4.000	MECKLENBURG COUNTY			WESTMORELAND	RD
00507110	8.070	COOKE FARMS INC	14226 STUMPTOWN RD		HUNTERSVILLE	NC	28078	8.070	MECKLENBURG COUNTY			WESTMORELAND	RD
00537103	5.190	COOKE FARMS INC	14226 STUMPTOWN RD		HUNTERSVILLE	NC	28078	5.190	MECKLENBURG COUNTY			SAM FURR	RD
00503206	10.000	COOKE MARY LEE B/WL	18824 OLD STATESVILLE RD		CORNELIUS	NC	28031	10.000	MECKLENBURG COUNTY			STATESVILLE	RD
01516119	5.790	CORP PRESIDING BISHOP/CHURCH	50 EAST NORTH TEMPLE ST		SALT LAKE CITY	UT	841503620	6.043	HUNTERSVILLE			MCILWAINE	RD
00919202	0.347	COX PAIGE DAVENPORT	14709 STONEGREEN LN		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	14709		STONEGREEN	LN
00926198	2.461	CROSLAND/WYNFIELD FOREST L P	141 SCALEYBARK RD		CHARLOTTE	NC	28209	2.416	HUNTERSVILLE			DEERLAND	CT
01746102	56.310	CROSSWINDS REALTY LLC	1220 S KINGS DR		CHARLOTTE	NC	282071808	56.310	HUNTERSVILLE	12320		MCCOY	RD
01714682	0.000	CRUZ DAVID	15180 ERIC KYLE DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	15180		ERIC KYLE	DR
00907843	0.000	D R HORTON INC	1100 S TRYON #100		CHARLOTTE	NC	28203	0.000	HUNTERSVILLE				
00907842	0.000	D R HORTON INC	1100 S TRYON #100		CHARLOTTE	NC	28203	0.000	HUNTERSVILLE				
01510437	0.000	D`ALESSANDRO BRUCE	9138 HILLSTON RIDGE RD		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	9138		HILLSTON RIDGE	RD
00523324	0.272	DANCY HOMES INC	20428 STAGHORN CT		CORNELIUS	NC	28031	0.000	CORNELIUS	10534		DANESWAY	LN
01706205	63.123	DELLINGER WILLIAM J	PO BOX 929		MONROE	NC	281110929	64.703	HUNTERSVILLE	12150		HAMBRIGHT	RD
00504230	2.435	DIENST DEVELOPMENT GROUP	9606 A CALDWELL COMMONS CR		CORNELIUS	NC	280318111	2.435	MECKLENBURG COUNTY			STATESVILLE	RD
01325598	23.000	DOUGLAS HELEN KIDD B/E	13001 BEATTIES FORD RD		HUNTERSVILLE	NC	28078	23.000	HUNTERSVILLE	13001		BEATTIES FORD	RD
00507117	0.520	DUKE POWER CO	422 S CHURCH ST		CHARLOTTE	NC	282420001	0.000	MECKLENBURG COUNTY	17580		WEST CATAWBA	AV
00909109	52.400	EARNHARDT JOHN DONALD	15444 STUMPTOWN RD		HUNTERSVILLE	NC	28078	52.400	HUNTERSVILLE	15444		STUMPTOWN	RD
00909121	14.903	EARNHARDT KENNETH DAVIS	15220 STUMPTOWN RD		HUNTERSVILLE	NC	28078	14.900	HUNTERSVILLE	15124		STUMPTOWN	RD
00511198	1.090	EDINBURG SQUARE LLC THE	PO BOX 1489		HOMEWOOD	IL	604300489	1.090	CORNELIUS			EDINBURGH SQUARE	DR
01720103	4.120	EDWARDS RAYMOND H	12303 STATESVILLE RD		HUNTERSVILLE	NC	28078	4.120	HUNTERSVILLE	12303	N	STATESVILLE	RD
00943203	0.510	ELY MARK E	15746 AGINCOURT DR		HUNTERSVILLE	NC	28078	0.510	HUNTERSVILLE	15746		AGINCOURT	DR
01539174	0.211	ENLOE BRIAN KEITH DR	7506 LULLWATER CV		HUNTERSVILLE	NC	280786355	0.211	HUNTERSVILLE	7506		LULLWATER	CV
01510138	0.000	EN-XIN LIN	13443 NORSEMAN LN		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	13443		NORSEMAN	LN
00923231	0.524	ETHRIDGE WILLIAM S JR	15837 BRETON BROOK ST		HUNTERSVILLE	NC	28078	0.524	HUNTERSVILLE	15837		BRETON BROOK	ST
00917153	0.702	FAUST KENNETH M	16519 BEECH HILL DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	16519		BEECH HILL	DR
01531265	37.190	FLANAGAN WILLIAM FRANKLIN	12265 MCCOY RD		HUNTERSVILLE	NC	28078	35.190	HUNTERSVILLE			MCCOY	RD
01724302	0.459	FLEEMAN RUTH FAULK	12134 LAKEHAVEN DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	12134		LAKEHAVEN	DR
01510439	0.000	FLEISCHHAUER AMELIA M	9122 HILLSTON RIDGE RD		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	9122		HILLSTON RIDGE	RD
00505209	25.330	G PARTNERSHIP	1400 BATTLEGROUND AV #201		GREENSBORO	NC	27408	25.330	HUNTERSVILLE	16939		NORTHCROSS	DR
01516110	8.900	GANT GLEN R	7008 MCILWAINE RD		HUNTERSVILLE	NC	28078	8.650	HUNTERSVILLE			MCILWAINE	RD
00917170	0.596	GARRETT CHARLIE THOMAS JR	16512 BEECH HILL DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	16512		BEECH HILL	DR
00943104	0.350	GODFREY LON HOWARD	15906 STONEMONT RD		HUNTERSVILLE	NC	28078	0.350	HUNTERSVILLE	15906		STONEMONT	RD
00504408	3.340	GOOD WILL PROPERTIES LLC	6739 FAIRVIEW RD SUITE A		CHARLOTTE	NC	28210	3.340	HUNTERSVILLE			CALDWELL CREEK	DR
01306218	12.500	GORSUCH LISA A	6520 JIM KIDD RD		HUNTERSVILLE	NC	28078	12.500	HUNTERSVILLE			JIM KIDD	RD
01508103	81.717	GRIER KATIE CATHERINE	2100 SYRACUSE DR		CHARLOTTE	NC	28216	81.717	HUNTERSVILLE			MCILWAINE	RD
00924399	5.180	HAMPTON AT NORTHCROSS	6805 FAIRVIEW RD STE C		CHARLOTTE	NC	282102702	5.180	HUNTERSVILLE	15800		DOYERS	DR

00917169	0.558	HARDING CONSTANCE A	16520 BEECH HILL DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	16520		BEECH HILL	DR
01724715	0.455	HARDY ACE P	4320 COLLINGWOOD DR		CHARLOTTE	NC	28209	0.000	HUNTERSVILLE	12039		LAKEWOOD	DR
00915325	0.538	HARRISON DAVID D JR	15715 GATHERING OAKS DR		HUNTERSVILLE	NC	28078	0.538	HUNTERSVILLE	15715		GATHERING OAKS	DR
00504406	5.363	HD DEVELOPMENT OF MARYLAND INC	PO BOX 105842	ATTEN:PROPERTY TAX DEPT #3608	ATLANTA	GA	303485842	5.363	HUNTERSVILLE	17111	N	STATESVILLE	RD
01539157	9.931	HENDERSON PARK HOMEOWNER`S	5601 EXECUTIVE CENTER DR	STE 201	CHARLOTTE	NC	282128841	9.931	HUNTERSVILLE			HENDERSON PARK	RD
00540102	44.080	HERITAGE PLANTATION INC	PO BOX 2326		CORNELIUS	NC	28031	23.480	CORNELIUS	19011		OLD STATESVILLE	RD
00507123	0.000	HILLS COMMUNITIES OF CHARLOTTE	4901 HUNT RD	STE 300	CINCINNATI	OH	45242	13.560	MECKLENBURG COUNTY				
00507101	63.963	HILLS COMMUNITIES OF CHARLOTTE	4901 HUNT RD	STE 300	CINCINNATI	OH	45242	63.963	MECKLENBURG COUNTY	8918		WESTMORELAND	RD
00903216	30.960	HL & SH BROWN PARTNERSHIP THE	120 VILLA LN		DAVIDSON	NC	28036	30.960	HUNTERSVILLE			ERVIN COOK	RD
00905116	16.880	HL & SH BROWN PARTNERSHIP THE	120 VILLA LN		DAVIDSON	NC	28036	16.880	HUNTERSVILLE	14324		ERVIN COOK	RD
00912275	0.437	HOLDER GORDON	10103 TALLENT LN		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	10103		TALLENT	LN
00927233	1.000	HOLLY POINT LLC	101 E WT HARRIS BLVD STE 2320		CHARLOTTE	NC	282623423	1.000	HUNTERSVILLE	9604		HOLLY POINT	DR
01506291	0.000	HOMEOWNERS ASSOCIATION FOR	P O BOX 350		MINERAL SPRINGS	NC	28108	6.730	HUNTERSVILLE				
01506292	0.000	HOMEOWNERS ASSOCIATION FOR	P O BOX 350		MINERAL SPRINGS	NC	28108	3.450	HUNTERSVILLE				
00535295	0.000	HORTON D R INC-TORREY	1100 S TRYON ST SUITE 100		CHARLOTTE	NC	28203	29.360	CORNELIUS				
01539198	15.720	HORTON D R INC-TORREY	5800 EXECUTIVE CENTER DR #100		CHARLOTTE	NC	282128869	15.720	HUNTERSVILLE			LEISURE	LN
01715308	1.730	HOUSER JAMES P JR	2200 PEMBROKE AVE		CHARLOTTE	NC	282072112	1.730	HUNTERSVILLE		N	STATESVILLE	RD
00541212	1.988	HOWELL STEVE L	152 RIDGETOP RD		MOORESVILLE	NC	28117	2.084	CORNELIUS	18705		STATESVILLE	RD
01510318	0.000	HUDSON MELLISSA	9128 CULCAIRN RD		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	9128		CULCAIRN	RD
01718108	13.681	HUNTERSVILLE BUSINESS PROPERTY	3340 PEACHTREE RD NE STE 610		ATLANTA	GA	303261065	13.681	HUNTERSVILLE	10307		REESE	BV
00537199	6.050	HUNTERSVILLE DEVELOPMENT LLC	50 PUBLIC SQ 1250 TERMINAL	TOWER	CLEVELAND	OH	44113	9.440	HUNTERSVILLE			PENNINGTON	DR
00537699	9.000	HUNTERSVILLE DEVELOPMENT LLC	50 PUBLIC SQ		CLEVELAND	OH	441132201	9.050	CORNELIUS			CAMBERLY	RD
00504407	2.478	HUNTERSVILLE SUITES LLC N/C	PO BOX 9165		HICKORY	NC	28603	2.478	HUNTERSVILLE			CALDWELL CREEK	DR
00943378	0.330	HUTCHINSON JOHN R	15919 STONEMONT RD		HUNTERSVILLE	NC	28078	0.330	HUNTERSVILLE	15919		STONEMONT	RD
00517183	2.520	JJF ENTERPRISES LLC	215 LAWTON RD		CHARLOTTE	NC	28216	2.520	CORNELIUS			STATESVILLE	RD
01744101	13.533	KEFFER PROPERTIES L P	8200 E INDEPENDENCE BLVD		CHARLOTTE	NC	282277777	13.533	HUNTERSVILLE		N	STATESVILLE	RD
00930105	2.830	KENNEDY C RAY	16701 NORTHCROSS DR		HUNTERSVILLE	NC	28078	2.830	HUNTERSVILLE	16701		NORTHCROSS	DR
01308126	5.760	KIDD ANTHONY DAVID	5900 STEPHENS RD		HUNTERSVILLE	NC	28078	5.760	HUNTERSVILLE			JIM KIDD	RD
01305102	194.400	KIDD EDWARD B F/T	238 CHAPMAN LOOP		PAWLEYS ISLAND	SC	29585	194.400	HUNTERSVILLE	5824		JIM KIDD	RD
01320106	6.200	KIDD FANNIE C %NELLIE AUST B/E	238 CHAPMAN LOOP		PAWLEYS ISLAND	SC	29585	3.510	HUNTERSVILLE			JIM KIDD	RD
01320103	30.810	KIDD WILLIAM P	5730 JIM KIDD RD		HUNTERSVILLE	NC	28078	30.810	HUNTERSVILLE	5730		JIM KIDD	RD
01714683	0.000	KING CYNTHIA C	15184 ERIC KYLE DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	15184		ERIC KYLE	DR
00943425	0.152	KIRK LOIS	16018 STONEMONT RD		HUNTERSVILLE	NC	28078	0.152	HUNTERSVILLE	16018		STONEMONT	RD
00926221	0.444	KITA JERRY S	8939 PRISTINE CT		HUNTERSVILLE	NC	28078	0.444	HUNTERSVILLE	8939		PRISTINE	CT
00918434	0.650	KLINE MAYNARD H JR	15111 OXFORD HOLW		HUNTERSVILLE	NC	280785511	0.000	HUNTERSVILLE	15111		OXFORD HOLLOW	
00503219	3.530	KNOX ROBERT FRANKLIN	13116 MT-HOLLY HUNTERSVILLE RD		HUNTERSVILLE	NC	28078	3.530	HUNTERSVILLE		N	STATESVILLE	RD
01714597	6.000	KNOX RUBY BYERS B/E	4350 RANDOLPH RD		ROCK HILL	SC	29730	6.000	HUNTERSVILLE		N	I-77	HY
01539143	0.245	KUCZEK ANN M	7810 LEISURE LN		HUNTERSVILLE	NC	28078	0.245	HUNTERSVILLE	7810		LEISURE	LN
00514114	3.127	LACKEY NANCY L B/E	103 PIER 33 DR UNIT 216		MOORESVILLE	NC	281175533	3.420	CORNELIUS			STATESVILLE	RD
00906116	0.000	LAKE FOREST COMMUNITY CHURCH	20472 CHARTWELL CENTER DR		CORNELIUS	NC	28031	19.096	HUNTERSVILLE				
01519111	40.000	LAKE NORMAN PAVILION LLC	PO BOX 1496		CORNELIUS	NC	28031	40.000	HUNTERSVILLE			HAMBRIGHT	RD
00536108	1.967	LAKE NORMAN SLEEP LLC	2567 UNIVERSITY AVE	SUITE 4000	MORGANTOWN	WV	265053432	2.517	HUNTERSVILLE			NORTHCROSS	DR

01727405	1.480	LAKEHAVEN COMMUNITY	PO BOX 562		HUNTERSVILLE	NC	28078	1.480	HUNTERSVILLE	9107		RICHFORD	DR
00541209	6.240	LAKESIDE AUTOMOTIVE INC	18831 STATESVILLE RD		CORNELIUS	NC	28031	6.240	CORNELIUS	18837		STATESVILLE	RD
00541210	0.337	LAKE-SIDE AUTOMOTIVE INC	18831 STATESVILLE RD		CORNELIUS	NC	28031	0.000	CORNELIUS	18831		STATESVILLE	RD
01745106	1.002	LANE LARRY B	10920 BALBRIGGAN CT		CHARLOTTE	NC	282629102	1.002	HUNTERSVILLE	107		CENTER	LN
01539155	0.203	LESEMANN JAMES A JR	7637 HENDERSON PARK DR		HUNTERSVILLE	NC	280786366	0.203	HUNTERSVILLE	7637		HENDERSON PARK	RD
00919107	0.529	LINDBERG JOHN T	14800 BISHOPSTONE CT		HUNTERSVILLE	NC	280789736	0.000	HUNTERSVILLE	14800		BISHOPSTONE	CT
01540102	65.000	LINDERMAN CLIFTON EARL	242 MEADOW OAKS DR		STATESVILLLE	NC	28625	51.957	HUNTERSVILLE	14520		BEATTIES FORD	RD
01714684	0.000	LOGAN MICHAEL W	15188 ERIC KYLE DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	15188		ERIC KYLE	DR
00943205	0.430	LUNIEWSKI THOMAS M	15730 AGINCOURT DR		HUNTERSVILLE	NC	28078	0.430	HUNTERSVILLE	15730		AGINCOURT	DR
00907220	0.278	M/I SCHOTTENSTEIN HOMES INC	1043 EAST MOREHEAD ST #105		CHARLOTTE	NC	28204	0.278	HUNTERSVILLE	9912		COCKERHAM	LN
00907219	0.279	M/I SCHOTTENSTEIN HOMES INC	1043 EAST MOREHEAD ST #105		CHARLOTTE	NC	28204	0.279	HUNTERSVILLE	9918		COCKERHAM	LN
01510440	0.000	MALCOLM KINGSLEY L	9112 HILLSTON RIDGE RD		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	9112		HILLSTON RIDGE	RD
00912273	0.686	MANCE DEBORAH H	10017 TALLENT LN		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	10017		TALLENT	LN
00943206	0.440	MARRELLI DOUGLAS M	15722 AGINCOURT DR		CHARLOTTE	NC	28202	0.440	HUNTERSVILLE	15722		AGINCOURT	DR
01714408	0.859	MARUTI INC	14601 STATESVILLE RD		HUNTERSVILLE	NC	28078	0.859	HUNTERSVILLE		N	STATESVILLE	RD
01715541	0.000	MCALPINE ROSEDALE LLC	1201 KENILWORTH AV		CHARLOTTE	NC	28204	1.059	HUNTERSVILLE				
01714214	22.130	MCAULAY ARTHUR DANIEL	14850 RANSON RD		HUNTERSVILLE	NC	28078	22.130	HUNTERSVILLE	14850		RANSON	RD
00907898	0.000	MCAULAY FARMS LLC	5250 77 CENTER DR STE 350		CHARLOTTE	NC	28217	0.000	HUNTERSVILLE				
00931101	79.710	MCAULAY FARMS LLC	5250 77 CENTER DR STE 350		CHARLOTTE	NC	28217	68.990	HUNTERSVILLE			STUMPTOWN	RD
01716503	26.240	MCAULAY JERRY SIGMON B/WL	3980 GREAT FALLS HWY		LANCASTER	SC	297207197	26.240	HUNTERSVILLE			GILEAD	RD
01716504	7.370	MCAULAY JERRY SIGMON B/WL	3980 GREAT FALLS HWY		LANCASTER	SC	297207197	7.370	HUNTERSVILLE	1314		MCCOY	RD
00909114	21.619	MCAULAY SAMUEL BEARD	14622 STUMPTOWN RD		HUNTERSVILLE	NC	28078	21.619	HUNTERSVILLE	14622		STUMPTOWN	RD
00932111	27.990	MCAULEY JOE RICHARD	14845 RANSON RD		HUNTERSVILLE	NC	28078	27.990	HUNTERSVILLE	14845		RANSON	RD
01539154	0.216	MCGOFF KEVIN C	7633 HENDERSON PARK DR		HUNTERSVILLE	NC	280786366	0.216	HUNTERSVILLE	7633		HENDERSON PARK	RD
00910109	5.500	MCGRAW R P JR	15400 STATESVILLE RD		HUNTERSVILLE	NC	28078	5.500	HUNTERSVILLE	15520	N	STATESVILLE	RD
00918332	0.480	MCKNIGHT TIMIDTHY S R/S	8604 TAYBROOK DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	8604		TAYBROOK	DR
01538125	0.324	MCSWAIN MATTHEW ANTHONY	8500 FOX TAIL LN		HUNTERSVILLE	NC	28078	0.324	HUNTERSVILLE	8500		FOX TAIL	LN
00516678	6.120	MECKLENBURG COUNTY	600 E 4TH ST FL 11		CHARLOTTE	NC	282022816	6.120	CORNELIUS	20243		FLORAL	LN
01325549	15.620	MECKLENBURG COUNTY	600 E 4TH ST		CHARLOTTE	NC	28202	15.620	HUNTERSVILLE			WINDING RIDGE	RD
01537148	3.331	MECKLENBURG COUNTY	600 E 4TH ST		CHARLOTTE	NC	282022816	3.330	HUNTERSVILLE			SUMMERFIELD	LN
02322111	0.000	MECKLENBURG COUNTY	600 E 4TH ST FL 11		CHARLOTTE	NC	282022816	27.960	MECKLENBURG COUNTY			NECK	RD
01529301	7.560	MECKLENBURG COUNTY	600 E 4TH ST FL 11		CHARLOTTE	NC	282022816	7.560	HUNTERSVILLE			CLIFFCREEK	DR
00918399	6.180	MECKLENBURG COUNTY	600 E 4TH ST		CHARLOTTE	NC	282022816	6.180	HUNTERSVILLE			TAYBROOK	DR
01320108	72.450	MECKLENBURG COUNTY	600 EAST 4TH ST		CHARLOTTE	NC	28202	72.520	HUNTERSVILLE			JIM KIDD	RD
00911119	84.890	MECKLENBURG COUNTY	600 E 4TH ST FL 11		CHARLOTTE	NC	282022816	84.890	HUNTERSVILLE	16131		OLD STATESVILLE	RD
01510499	18.113	MECKLENBURG COUNTY	600 E 4TH ST		CHARLOTTE	NC	282022816	18.113	HUNTERSVILLE			SHEPPARTON	DR
01530299	15.440	MECKLENBURG COUNTY	600 E 4TH ST FL 11		CHARLOTTE	NC	282022816	15.440	HUNTERSVILLE			TWIN TRAIL	DR
01543103	19.127	MECKLENBURG COUNTY	600 EAST 4TH ST		CHARLOTTE	NC	28202	19.127	HUNTERSVILLE	8147		MCILWAINE	RD
01505199	17.652	MECKLENBURG COUNTY	600 E 4TH ST		CHARLOTTE	NC	28202	17.652	HUNTERSVILLE			GLENWYCK	LN
01325548	7.530	MECKLENBURG COUNTY	600 E 4TH ST		CHARLOTTE	NC	28202	7.530	HUNTERSVILLE			BEATTIES FORD	RD
01325599	13.520	MECKLENBURG COUNTY	600 E 4TH ST		CHARLOTTE	NC	28202	13.520	HUNTERSVILLE	12517		BEATTIES FORD	RD
01535245	11.709	MECKLENBURG COUNTY	600 E 4TH ST FL 11		CHARLOTTE	NC	282022816	11.700	HUNTERSVILLE			BRADFORD HILL	LN
01318101	0.000	MECKLENBURG COUNTY	600 E 4TH ST FL 11		CHARLOTTE	NC	282022816	64.440	MECKLENBURG COUNTY	4598		NECK	RD
00507112	100.596	MECKLENBURG COUNTY	600 E 4TH ST		CHARLOTTE	NC	28202	101.698	MECKLENBURG COUNTY	17702		WEST CATAWBA	AV

01509107	13.000	MECKLENBURG COUNTY	600 E 4TH ST		CHARLOTTE	NC	28202	13.032	HUNTERSVILLE	7700		GILEAD	RD
01535199	13.081	MECKLENBURG COUNTY	600 E 4TH ST FL 11		CHARLOTTE	NC	282022816	13.081	HUNTERSVILLE			BRADFORD HILL	LN
01509104	24.893	MECKLENBURG COUNTY	600 EAST 4TH ST		CHARLOTTE	NC	28202	24.893	HUNTERSVILLE	8200		GILEAD	RD
01538197	14.804	MECKLENBURG COUNTY	600 E 4TH ST		CHARLOTTE	NC	282022816	14.800	HUNTERSVILLE			NEW OAK	LN
00513127	2.344	MMR HOLDINGS LLC	1420 SPRING HILL RD STE 525		MC LEAN	VA	221023041	2.704	CORNELIUS		N	I-77	HY
00934101	3.554	MONTEITH GWEN HUCKS B/E	13832 STUMPTOWN RD		HUNTERSVILLE	NC	28078	31.605	HUNTERSVILLE	13832		STUMPTOWN	RD
00934104	5.001	MONTEITH HOLDINGS LLC	13777 BALLANTYNE CORP PLZA#320		CHARLOTTE	NC	28277	5.001	HUNTERSVILLE			STUMPTOWN	RD
00934102	58.340	MONTEITH HOLDINGS LLC	501 SOUTH SHARON AMITY RD #310		CHARLOTTE	NC	28211	58.340	HUNTERSVILLE	13650		STUMPTOWN	RD
00910127	6.744	MONTEITH HOLDINGS LLC	13777 BALLANTYNE CORP PLZA#320		CHARLOTTE	NC	28277	6.744	HUNTERSVILLE			BANKSIDE	DR
00910126	5.033	MONTEITH HOLDINGS LLC	13777 BALLANTYNE CORP PLZA#320		CHARLOTTE	NC	28277	5.033	HUNTERSVILLE		N	STATESVILLE	RD
01747156	0.000	MOONEY WILLIAM D	9312 STAWELL DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	9312		STAWELL	DR
00523323	0.284	MORAND ANTHONY M	10601 DANESWAY LN		CORNELIUS	NC	28031	0.000	CORNELIUS	10601		DANESWAY	LN
00905111	16.040	MORROW JO ANN B B/WL	9123 MT HOLLY-HUNTERSVILLE RD		HUNTERSVILLE	NC	28078	16.040	HUNTERSVILLE	14036		ERVIN COOK	RD
00915342	8.130	MOWREY RANDOLPH P	7829 BABE STILWELL FARM RD		HUNTERSVILLE	NC	280788720	8.130	HUNTERSVILLE	7829		BABE STILLWELL FARM	RD
01719301	45.410	N C STATE HIGHWAY	1119 E SUGAR CREEK RD		CHARLOTTE	NC	282051448	45.410	HUNTERSVILLE	12101		MT HOLLY-HUNTERSVILL	RD
01516173	0.278	NEW FORTIS CORP THE	5435 77 CENTER DR #30		CHARLOTTE	NC	28217	0.278	HUNTERSVILLE	11840		JOURNEY'S END	TL
01516171	0.288	NEW FORTIS CORPORATION THE	5435-30 77 CENTER DR		CHARLOTTE	NC	28217	0.288	HUNTERSVILLE	11850		JOURNEY'S END	TL
01516172	0.287	NEW FORTIS CORPORATION THE	5435-77 CENTER DR		CHARLOTTE	NC	28217	0.287	HUNTERSVILLE	11846		JOURNEY'S END	TL
01516698	3.490	NIBLOCK-RIDGELINE LLC	300 MCGILL AVE NW		CONCORD	NC	280276150	3.490	HUNTERSVILLE			TANNERS CREEK	DR
01516134	56.220	NIBLOCK-RIDGELINE LLC	300 MCGILL AVE NW		CONCORD	NC	280276150	29.370	HUNTERSVILLE			BEATTIES FORD	RD
01516111	29.317	NIBLOCK-RIDGELINE LLC	4500 CARMERON VALLEY PKWY	#350	CHARLOTTE	NC	282113552	29.317	HUNTERSVILLE			BEATTIES FORD	RD
01733142	0.517	NORTH MECKLENBURG VOLUNTEER	PO BOX 622		CASAR	NC	28020	0.000	HUNTERSVILLE	727		OLD STATESVILLE	RD
00504223	11.000	NORTHCROSS BUSINESS CAMPUS LLC	125 SCALEYBARK RD		CHARLOTTE	NC	28209	11.000	HUNTERSVILLE			NORTHCROSS CENTER	CT
00505201	2.550	NORTHCROSS COMMONS L P	501 E MOREHEAD ST STE 3		CHARLOTTE	NC	282022630	2.550	HUNTERSVILLE	17000		NORTHCROSS	DR
00504212	16.570	NORTHCROSS LAND & DEVELOPMENT	5950 FAIRVIEW RD # 200		CHARLOTTE	NC	282103167	16.570	HUNTERSVILLE		N	STATESVILLE	RD
00536109	4.011	NORTHCROSS MASTER ASSOCIATION	6401 CARMEL RD STE 102		CHARLOTTE	NC	282268364	4.011	HUNTERSVILLE			SAM FURR	RD
00505208	8.770	NORTHCROSS PROPERTIES LLC	300 AUCKLAND LN		MATTHEWS	NC	28104	8.770	HUNTERSVILLE			SAM FURR	RD
00505206	1.190	NORTHCROSS R B LLC	PO BOX 1029		CONOVER	NC	28613	1.190	HUNTERSVILLE	9109		SAM FURR	RD
01716601	30.902	NOVANT HEALTH INC	200 HAWTHORNE LN		CHARLOTTE	NC	28204	30.902	HUNTERSVILLE	10115		KINCEY	AV
01542105	27.940	OAK LIN LLC	1220 S KINGS DR		CHARLOTTE	NC	282071808	28.420	HUNTERSVILLE	7039		MCILWAINE	RD
00919221	0.207	OLSON BRIAN K	8903 CUMBRIA CT		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	8903		CUMBRIA	CT
01514370	7.200	OUR TOWNS OF NORTH MECKLENBURG	PO BOX 1088		DAVIDSON	NC	28036	7.200	HUNTERSVILLE			PALOMAR	DR
01718505	5.328	PAAK-EM LLC	4143 RIDER TRL N		EARTH CITY	MO	630451102	5.328	HUNTERSVILLE			JULIAN CLARK	AV
01510319	0.000	PAGE EDWARD D	9123 HILLSTON RIDGE RD		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	9123		HILLSTON RIDGE	RD
00917185	2.093	PAPPAS PETER A	4201 CONGRESS ST STE 175		CHARLOTTE	NC	282094624	2.093	HUNTERSVILLE			BIRKDALE COMMONS	PY
01539158	0.204	PARRIS JOEY D	7638 HENDERSON PARK DR		HUNTERSVILLE	NC	280786365	0.204	HUNTERSVILLE	7638		HENDERSON PARK	RD
01714402	1.680	PATEL DINESH AMBALA	4526 WILKINSON BLVD		CHARLOTTE	NC	282085531	1.680	HUNTERSVILLE	14601		MARUTI	AV
01714410	0.850	PATEL DINESH AMBALA	4526 WILKINSON BLVD		CHARLOTTE	NC	282085531	0.850	HUNTERSVILLE			MARUTI	AV
01510441	0.000	PATTERSON JEFFRY L	9118 CULCAIRN RD		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	9118		CULCAIRN	RD
01535101	0.656	PATTON BRADLEY D	8516 GILEAD DR		HUNTERSVILLE	NC	28078	0.724	HUNTERSVILLE	8518		GILEAD	RD
01707222	4.953	PELL JOHN NICHOLSON	13500 MT HOLLY-HUNTVLE RD		HUNTERSVILLE	NC	28078	4.953	HUNTERSVILLE	13500		MT HOLLY-HUNTERSVILL	RD
00905109	9.270	PENDER HELEN B B/WL	13938 ERVIN COOKE RD		HUNTERSVILLE	NC	280788967	9.270	HUNTERSVILLE			GILEAD	RD
01510421	0.000	PHAM TOM T	9420 HILLSTON RIDGE RD		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	9420		HILLSTON RIDGE	RD

00537109	0.500	PIZZAGALLI PROPERTIES LLC	7421 CARMEL EXECUTIVE PARK DR	STE 210	CHARLOTTE	NC	282260409	0.500	HUNTERSVILLE	8951		SAM FURR	RD
00537121	17.776	PIZZAGALLI PROPERTIES LLC	7421 CARMEL EXECUTIVE PARK DR	STE 210	CHARLOTTE	NC	282260409	17.776	HUNTERSVILLE			NORTHCROSS	DR
00537122	15.820	PIZZAGALLI PROPERTIES LLC	7421 CARMEL EXECUTIVE PARK DR	STE 210	CHARLOTTE	NC	282260409	15.820	HUNTERSVILLE	8936		NORTHPOINTE EXECUTIVE PARK	DR
01510438	0.000	PRESTON DAVID M	9130 HILLSTON RIDGE RD		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	9130		HILLSTON RIDGE	RD
01532128	0.144	PRESTON DAWN M	12701 CYPRESS SPRINGS RD		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	12701		CYPRESS SPRINGS	RD
00523322	0.279	PRICE NANCY A	10605 DANESWAY LN		CORNELIUS	NC	28031	0.000	CORNELIUS	10605		DANESWAY	LN
01739101	20.804	PROPERTY RESOURCES LLC	12705 WEST COLONIAL DR		WINTER GARDEN	FL	34787	20.804	HUNTERSVILLE		N	STATESVILLE	RD
00927201	2.879	PUBLIC LIBRARY OF	310 N TRYON ST		CHARLOTTE	NC	282022139	2.879	HUNTERSVILLE			HOLLY POINT	DR
00532131	0.000	RANDALL HOMES INC	10590 INDEPENDENCE POINT PKW		MATTHEWS	NC	28105	0.000	HUNTERSVILLE	17526		CAMBRIDGE GROVE	DR
01715211	10.880	RANSON ROAD LLC	18636 STAR CREEK DR		CORNELIUS	NC	28031	11.503	HUNTERSVILLE			GILEAD	RD
01519113	7.690	RICHARDSON KEVIN WILSON SR	7920 HAMBRIGHT RD		HUNTERSVILLE	NC	28078	7.690	HUNTERSVILLE	7920		HAMBRIGHT	RD
00514101	1.980	RNA INVESTMENT GROUP LLC	11343 FOX HILL DR		CHARLOTTE	NC	282693165	1.610	CORNELIUS	18820		STATESVILLE	RD
00903234	4.389	ROBERTS JANICE BROWN	7825 GILEAD RD		HUNTERSVILLE	NC	28078	4.380	HUNTERSVILLE	13911		GILEAD	RD
01509113	1.495	SAULS GREGORY E	8010 GILEAD RD		HUNTERSVILLE	NC	28078	1.490	HUNTERSVILLE	7926		GILEAD	RD
01509114	1.440	SAULS GREGORY E	8010 GILEAD RD		HUNTERSVILLE	NC	28078	1.440	HUNTERSVILLE	8010		GILEAD	RD
00943207	0.400	SCHOTT ANDREW C	15714 AGINCOURT DR		HUNTERSVILLE	NC	28078	0.400	HUNTERSVILLE	15714		AGINCOURT	DR
01509111	2.863	SHERARD ROBERT C	14536 S BRENT DR		HUNTERSVILLE	NC	280788508	2.863	HUNTERSVILLE	7900		GILEAD	RD
01306219	22.800	SHERMAN LARRY D	6300 JIM KIDD RD		HUNTERSVILLE	NC	28078	22.800	HUNTERSVILLE	6300		JIM KIDD	RD
01544103	71.310	SHERRILL BEATRICE B B/E	8137 MCILWAINE RD		HUNTERSVILLE	NC	28078	71.310	HUNTERSVILLE	8020		MCILWAINE	RD
01539173	0.210	SIDELL GARY	7510 LULLWATER CV		HUNTERSVILLE	NC	28078	0.210	HUNTERSVILLE	7510		LULLWATER	CV
01509112	2.004	SINDERMAN NANCY KAY	7914 GILEAD RD		HUNTERSVILLE	NC	28078	2.000	HUNTERSVILLE	7914		GILEAD	RD
01745108	1.620	SMITH MARK CHARLES	103 CENTER LN		HUNTERSVILLE	NC	28078	1.620	HUNTERSVILLE	103		CENTER	LN
01303219	9.310	SPENCER MARION STEVEN	5035 NECK RD		HUNTERSVILLE	NC	28078	9.310	HUNTERSVILLE	5035		NECK	RD
00536106	2.953	SREE-LAKE NORMAN LLC	319 S SHARON AMITY RD STE 300		CHARLOTTE	NC	282112834	3.469	HUNTERSVILLE	16700		NORTHCROSS	DR
01724303	0.432	STATON DONALD L	5009 VICTORIA AVE		CHARLOTTE	NC	28269	0.000	HUNTERSVILLE	12126		LAKEHAVEN	DR
01519110	32.070	STILWELL RICHARD J JR B/WL	15006 ASHMONT CR		HUNTSVILLE	AL	35803	32.070	HUNTERSVILLE	8108		HAMBRIGHT	RD
01714639	1.777	STONE HOLLOW HOMEOWNERS ASSOC	2847 WESTPORT RD		CHARLOTTE	NC	28208	1.777	HUNTERSVILLE			ERIC KYLE	DR
01714539	0.954	STONE HOLLOW HOMEOWNERS ASSOC	2847 WESTPORT RD		CHARLOTTE	NC	28208	0.954	HUNTERSVILLE			ERIC KYLE	DR
01714528	4.752	STONE HOLLOW HOMEOWNERS ASSOC	2847 WESTPORT RD		CHARLOTTE	NC	28208	4.752	HUNTERSVILLE			ERIC KYLE	DR
00506120	23.380	SUMMIT PROPERTIES PARTNERSHIP	309 E MOREHEAD ST #200		CHARLOTTE	NC	28202	23.380	HUNTERSVILLE	16705		REDCLIFF	DR
01516899	3.490	TANNERS CREEK HOMEOWNERS ASSOC	PO BOX 11906		CHARLOTTE	NC	28220	3.490	HUNTERSVILLE			TANNERS CREEK	DR
01516198	3.520	TANNERS CREEK HOMEOWNERS ASSOC	PO BOX 11906		CHARLOTTE	NC	28220	3.520	HUNTERSVILLE			JOURNEY'S END	TL
01539144	0.209	TODD JEFFREY U	7804 LEISURE LN		HUNTERSVILLE	NC	28078	0.209	HUNTERSVILLE	7804		LEISURE	LN
01538196	0.350	TORRENCE CROSSING ASSOC	PO BOX 221405		CHARLOTTE	NC	28222	0.000	HUNTERSVILLE			TORRENCE CROSSING	DR
00505205	1.264	TOSCO TRUST NO 1999-C	PO BOX 52085		PHOENIX	AZ	850722085	1.264	HUNTERSVILLE	9101		SAM FURR	RD
00538170	1.460	TOWN OF CORNELIUS	20001 NORTH MAIN ST		CORNELIUS	NC	28031	1.460	CORNELIUS			OAKHURST	BV
00503223	0.700	TOWN OF CORNELIUS	20001 NORTH MAIN ST		CORNELIUS	NC	28031	0.700	CORNELIUS			BAILEY	RD
00538410	0.890	TOWN OF CORNELIUS	20001 NORTH MAIN ST		CORNELIUS	NC	28031	0.890	CORNELIUS			OAKHURST	BV
00504219	1.520	TOWN OF CORNELIUS	PO BOX 399		CORNELIUS	NC	28031	1.520	HUNTERSVILLE			OLD STATESVILLE	RD
01712105	17.201	TRIANGLE REAL ESTATE OF	PO BOX 4158		GASTONIA	NC	28053	17.723	HUNTERSVILLE	10510		HUNTERSVILLE COMMONS	DR
00503216	5.640	TUCKER SYLVIA S B/E	10120 BAILEY RD		CORNELIUS	NC	28031	5.640	MECKLENBURG COUNTY	10170		BAILEY	RD

00503218	7.070	TUCKER SYLVIA S B/E	10120 BAILEY RD		CORNELIUS	NC	28031	7.070	MECKLENBURG COUNTY			BAILEY	RD
00528199	9.030	TWIN OAKS HOMEOWNERS ASSOC INC	PO BOX 8100		CHARLOTTE	NC	28203	9.030	CORNELIUS	19901		OAK LEAF	CR
01724706	0.589	TYER NEAL P B/E	PO BOX 462		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	12024		HILLCREST	LN
01509115	1.563	VANG YING	8018 MT GILEAD RD		HUNTERSVILLE	NC	28078	1.560	HUNTERSVILLE	8018		GILEAD	RD
00919228	0.242	WALKER JANIS	15129 STONEGREEN LN		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	15129		STONEGREEN	LN
00503202	2.640	WASHAM NANCY B	10140 BAILEY RD		CORNELIUS	NC	28031	2.640	MECKLENBURG COUNTY	10160		BAILEY	RD
00503209	7.250	WASHAM ROBERT V	10000 BAILEY RD		CORNELIUS	NC	28031	7.290	MECKLENBURG COUNTY	10020		BAILEY	RD
01503109	10.680	WATERS CONSTRUCTION CO INC	7620 BALTURSOL LN		CHARLOTTE	NC	28210	10.210	HUNTERSVILLE	8033		BUD HENDERSON	RD
00917173	0.433	WEASE JAMES CONRAD	8311 QUEENSWAY PL		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	8311		QUEENSWAY	PL
00504225	1.506	WELBORNE K MCNEIL	9700 CALDWELL COMMONS DR		CORNELIUS	NC	28031	1.506	MECKLENBURG COUNTY	9700		CALDWELL COMMONS	CR
00507111	74.856	WESTMORELAND HOLDINGS LLC	728 KLUMAC RD #102A		SALISBURY	NC	281445713	74.856	MECKLENBURG COUNTY			WEST CATAWBA	AV
00532114	0.000	WHEELER NANCY B	17521 CAMBRIDGE GROVE DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	17521		CAMBRIDGE GROVE	DR
01707221	3.862	WILLIAMS JERRY R	13520 MT HOLLY-HUNTERSVILLE RD		HUNTERSVILLE	NC	28078	3.862	HUNTERSVILLE	13520		MT HOLLY-HUNTERSVILL	RD
00517178	4.950	WILLOW POND AT LAKE	GENERAL DELIVERY		CORNELIUS	NC	28031	4.950	CORNELIUS			WILLOW POND	RD
01510442	0.000	WILSON DANIEL S	9114 CULCAIRN RD		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	9114		CULCAIRN	RD
01747157	0.000	WINTCHS ADRIAN P	9306 STAWELL DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	9306		STAWELL	DR
00912274	0.561	WINTER CHRISTOPHER JOHN	10025 TALLENT LN		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	10025		TALLENT	LN
01714681	0.000	WRIGHT MICHAEL C	15173 ERIC KYLE DR		HUNTERSVILLE	NC	28078	0.000	HUNTERSVILLE	15176		ERIC KYLE	DR
01539156	0.185	WRIGHT PATRICK N	7641 HENDERSON PARK DR		HUNTERSVILLE	NC	280786366	0.185	HUNTERSVILLE	7641		HENDERSON PARK	RD
00926299	2.292	WYNFIELD FOREST HOMEOWNERS	141 SCALEYBARK RD		CHARLOTTE	NC	28209	2.292	HUNTERSVILLE			PRISTINE	CT
00923398	8.324	WYNFIELD FOREST HOMEOWNERS	141 SCALEYBARK RD		CHARLOTTE	NC	28209	8.324	HUNTERSVILLE			WYNFIELD CREEK	PY
00926195	6.415	WYNFIELD FOREST HOMEOWNERS	141 SCALEYBARK RD		CHARLOTTE	NC	28209	6.415	HUNTERSVILLE			LIZZIE	LN
00920303	1.140	WYNFIELD PROPERTY OWNERS	4324 BARRINGER DR STE 104		CHARLOTTE	NC	282171500	1.140	HUNTERSVILLE			WYNFIELD CREEK	PY
00919273	1.840	WYNFIELD PROPERTY OWNERS	4324 BARRINGER DR STE 104		CHARLOTTE	NC	282171500	1.840	HUNTERSVILLE			CUMBRIA	CT
00919144	3.900	WYNFIELD PROPERTY OWNERS	4324 BARRINGER DR STE 104		CHARLOTTE	NC	282171500	3.900	HUNTERSVILLE			WYNFIELD CREEK	PY
00920302	5.870	WYNFIELD PROPERTY OWNERS	4324 BARRINGER DR STE 104		CHARLOTTE	NC	282171500	5.870	HUNTERSVILLE	14301		WYNFIELD CREEK	PY