

**UPDATE ADDENDUM TO  
319 WATERSHED IMPLEMENTATION PLAN:**

**BUFFALO CREEK WATERSHED  
UNION COUNTY, PA**



**SEPTEMBER 2013**

**PREPARED BY THE UNION COUNTY CONSERVATION DISTRICT**



The Buffalo Creek Watershed is a Section 319 funding priority in the DEP Northcentral Region. In 2006 the Union County Conservation District (UCCD) and the Buffalo Creek Watershed Alliance (BCWA), a local highly active watershed organization, received their first 319 grant to assess the non-point source pollution from agricultural practices that negatively impact the water quality on agriculturally impaired streams listed in the Integrated Streams List of Impaired Waters as identified by the Pennsylvania Department of Environmental Protection (DEP). At the same time, the project specified the sources of pollution, determined appropriate best management practices (BMPs) to address those sources, and identified potential farm landowners along the ag impaired streams. With the support and direction of BCWA the UCCD performed these tasks, which culminated in the development and approval of the Buffalo Creek Watershed Implementation Plan (WIP) in November 2008. The WIP included the present condition of the watershed, as well as sources of degradation, pollutants, potential project locations, needed BMPs, and modeling results showing the potential improvement in water quality for each sub-watershed. The WIP can be found online at:

- <http://www.pacd.org/webfresh/wp-content/uploads/2009/12/UnionCIP.pdf>
- [http://files.dep.state.pa.us/Water/Watershed%20Management/WatershedPortalFiles/NonpointSourceManagement/ProgramInitiatives/ImplementationPlans/Buffalo\\_Creek\\_WIP\\_Final.pdf](http://files.dep.state.pa.us/Water/Watershed%20Management/WatershedPortalFiles/NonpointSourceManagement/ProgramInitiatives/ImplementationPlans/Buffalo_Creek_WIP_Final.pdf)

As mentioned above, the WIP was approved in November 2008. Since the approval of the WIP, new protocol for assessing streams has been adopted, and as a result the newest Integrated Streams List contains nearly double the miles of impaired streams in the Buffalo Creek Watershed. This major addition of impaired stream miles can be easily seen by comparing the map “DEP Impaired Streams: 2008” in Appendix A (page 71) of the current WIP and the attached map “DEP Impaired Streams: 2012,” found in Attachment 5 of this document.

In order to maximize the use of future Section 319 funds, the UCCD has created this addendum as an update to the WIP in order to reassess our subwatershed priorities before choosing the next subwatershed to work in. Major components (attachments to this document) of the WIP update include revisions of the following:

- **Attachment 1: Revision of Table 2.2 on page 28 of the WIP** – Impaired streams in the Buffalo Creek Watershed. This table has been updated to reflect the most current list of impaired streams found in the watershed.
- **Attachment 2: Revision of Table 3.1 on page 33 of the WIP** – Individual Farm BMPs. Originally, this table only contained eligible farms according to the 2008 list of impaired streams. The UCCD has added almost 300 additional farms that are now eligible according to the 2012 list.
- **Attachment 3: Revision of Figure 3.1 on page 47 of the WIP** – Map of Agricultural Restoration Sites. As with Table 3.1, the UCCD has updated this Figure to include all farms in impaired subsheds according to the 2012 list of impaired streams.
- **Attachment 4: Revision of “Subwatershed Prioritization” on page 59 of the WIP** – Priorities were originally determined based partly on whether or not a subwatershed was impaired. The UCCD has rerun the prioritization matrix found in Table 3.6 on page 61 to reflect current conditions.

- **Attachment 5: Revision of Appendix A: Map of Impaired Streams** – As mentioned above, the UCCD has provided an updated map illustrating all currently impaired streams in the Buffalo Creek Watershed.

These revisions to the existing WIP will enhance the UCCD’s ability to target resources and funding to the areas where the greatest potential for water quality improvements, and where projects to realize those results exist within the Buffalo Creek Watershed.

To ensure this addendum adequately updates the WIP, and that the WIP still meets the criteria for a Watershed-based Plan as it did in 2008, we have addressed each of the Nine Elements of Watershed-based Plans and how the updates affect each in the following narrative.

***Element A. Identification of causes of impairment and pollutant sources or groups of similar sources that need to be controlled to achieve needed load reductions, and any other goals identified in the watershed plan.***

Chapter 2 of the original WIP examines the condition of the Buffalo Creek Watershed. An analysis of impairment by subwatershed begins on page 27, and contains information on impaired streams (page 28) as well as common pollutants found throughout the watershed (page 29). While the common pollutants of the watershed have not changed since the approval of the WIP in 2008, several more streams have been added to the list of impaired streams. Table 2.2 found in Attachment 1 is an updated listing of all currently impaired streams in the Buffalo Creek Watershed. Attachment 5 is an updated map of these impaired streams (replaces Appendix A of the original WIP).

This increase in impaired streams was the driving factor for updating the Buffalo Creek WIP, with the majority of updates being made to Chapter 3 “Watershed Restoration.” More stream miles are impaired due to agriculture than any other land use in the watershed. For this reason, the focus in Chapter 3 was placed primarily on those streams, and potential restoration sites, a.k.a. farms. The additional 27.1 miles of ag-impaired streams effectively doubled the miles of ag-impaired streams and quadrupled the number of potential restoration sites, or farms since 2008. The UCCD felt an update to include these new streams and their corresponding farms was imperative to reprioritize our subwatersheds, and to properly target resources and funding to the areas with the highest potential for change moving forward.

The first major revision to Chapter 3 of the WIP is Table 3.1 on page 33 (replacement table found in Attachment 2 of this document). As mentioned earlier, the primary focus in preparing the 2008 WIP was placed on farms as restoration sites. In order to plan where to work, what best management practices (BMPs) to install, and the effect on water quality that may be expected the UCCD assessed each farm located along the

impaired streams listed in 2008, which culminated in Table 3.1 – a table of each farm with historical BMPs and recommended BMPs for future installation. This table served as a guide for modeling load reductions, and continues to serve as a guide during implementation. The attached revised table serves to replace Table 3.1, and includes all farms now associated with the current list of impaired streams and a general list of recommended BMPs for each of those farms. The UCCD will continue to perform detailed Inventory and Evaluations (I&Es) at participating farms as part of the design process. The first two columns of Table 3.1 for the added farms were left blank intentionally. One, because modeling has already been completed for all subwatersheds (refer to Element B), and two, because our focus is pointed toward implementation moving forward.

The second major revision to Chapter 3 of the WIP is Figure 3.1 on page 47. This series of maps found in Attachment 3 of this document is intended to replace the map in Figure 3.1. These maps illustrate the location of each potential restoration farm listed in Table 3.1, and their proximity to the impaired streams. Other additions were made to the maps such as local roads and municipalities in order to give better spatial orientation.

The third and final major revision to Chapter 3 of the WIP is the Subwatershed Prioritization Matrix found in Table 3.6 on page 61. Certain criteria used in the matrix have changed since 2008, causing the UCCD to reexamine its subwatershed priorities. These criteria include Level of Tributary Impairment (listed as impaired) and Number of Potential Recovery Sites (Section 319 funding eligible sites). The revised matrix can be found in Attachment 4 of this document. The results of the re-run prioritization matrix are as follows:

1. Buffalo Creek main stem
2. Beaver Run
3. Little Buffalo Creek
4. Coal Run/Muddy Run (tied)
5. Rapid Run
6. North Branch Buffalo Creek
7. Spruce Run
8. Panther Run
9. Black Run
10. Stony Run

These results of the updated prioritization matrix replace those found on page 60 of the WIP.

Landowner interest/participation still factors heavily in where the UCCD works to implement the WIP. Considering this fact, and the new matrix results, the UCCD proposes to make the Little Buffalo Creek subwatershed its next implementation priority.

***Element B. An estimate of the load reductions expected from management measures.***

Extensive modeling of the entire Buffalo Creek Watershed was performed as part of the WIP in 2008. The tables and figures found in the WIP on pages 56-58 and Appendix B of the WIP show modeling results for each subwatershed. Modeling was conducted based on the recommended increase in practices within each subwatershed (refer to pages 52-54 for practices). The BMPs listed in Table 3.1 were also taken into consideration for those subwatersheds containing impaired streams. Modeling results for subwatersheds that in 2008 did not have impaired listed streams, but do today, are still applicable as an increase in BMPs was still modeled in those areas. The revised listing of BMPs in the updated Table 3.1 (Attachment 2 of this document) is just more specific in that it lists practices on the farm level, which were represented subwatershed-wide in the original modeling.

It is important to note that in 2008, there were no TMDLs written for the Buffalo Creek Watershed except for a segment impaired by natural acid deposition. The Susquehanna River Basin Commission (SRBC) did complete a TMDL for several ag-impaired tributaries (Buffalo Creek Tributaries TMDL), but it was completed in 2011 after the WIP was already approved.

It is difficult to compare modeling results from the Buffalo Creek WIP to those from the TMDL for the Buffalo Creek Tributaries. One reason for this is the land areas modeled. For the WIP the UCCD was instructed by DEP to model the subwatersheds in their entirety, whereas, while developing the TMDL, the SRBC modeled only the areas that directly drain into the impaired stream sections. Despite these differences, the modeling is still pertinent today. For one subwatershed, Beaver Run, the area modeled was the same in the WIP and TMDL. Here, when comparing results, we can be fairly confident that the WIP points us in the right directions. The TMDL calls for a permissible sediment load of 1,292.193 lbs/day. The WIP on page 56, Table 3.5a, shows a “Future” sediment load for Beaver Run of 441,599 lbs/year or 1,209.86 lbs/day.

Load reductions from installed BMPs are further estimated to determine farm-by farm load reductions using the Spreadsheet Tool for the Estimation of Pollutant Loads (STEPL) with assistance from the DEP Project Advisor. A newer model, MapShed, will be used to estimate nutrient and sediment reductions on a larger subwatershed scale once BMPs are implemented on multiple sites.

***Element C. A description of the nonpoint source management measures that will need to be implemented to achieve load reductions in element b, and a description of the critical areas in which those measures will be needed to implement this plan.***

As mentioned in Elements A and B, modeling was done for the entire Buffalo Creek Watershed. However, efforts to improve water quality are, and will be, based on the BMPs listed in Table 3.1, which are solely recommended for farms located in

agriculturally impaired subwatersheds. These are the critical areas for restoration. Further explanation of the subwatershed impairments and common pollutants can be found in the WIP starting on page 27. Chapter 3 of the WIP beginning on page 31 fully covers restoration BMPs (see updated Table 3.1 in Attachment 2), farm site locations (see updated Figure 3.1 in Attachment 3), and potential load reduction results (pages 56-58 and Appendix B of the WIP).

***Element D. Estimate of the amounts of technical and financial assistance needed, associated costs, and/or the sources and authorities that will be relied upon to implement this plan.***

Cost estimates for watershed restoration were generated within the modeling software, and can be found in the WIP on page 58. Currently, all estimates are still realistic with the exception of Streambank Stabilization, which was mentioned in the WIP. The UCCD has reexamined this figure and has recalculated the cost estimate based on the following analysis:

*14% of stream miles watershed-wide are listed for siltation. Estimating that 10% of those listed stream miles could use streambank stabilization BMPs, we recalculate the estimate cost of streambank stabilization to be \$2,592,065.*

This brings a new total cost estimate for the watershed to a more realistic \$16,741,051. Additional financial and technical resources associated with WIP implementation can be found in the WIP in Chapter 4: Restoration Strategies on pages 65 and 68-69. No changes are necessary to these sections.

***Element E. An information and education component used to enhance public understanding of the plan and encourage their early and continued participation in selecting, designing, and implementing the nonpoint source management measures that will be implemented.***

Strategies found in the 2008 WIP to inform and educate the public and project stakeholders still remains pertinent and viable today. Potential project participants are still primarily farmers; the only difference is the list of potential farmers has grown with the addition of more ag-impaired stream miles. These additional farmers will be included in future generalized and one-on-one marketing of the program. The section on Public Information and Participation can be found in Chapter 4: Restoration Strategies on page 68 of the WIP.

***Element F. Schedule for implementing the nonpoint source management measures identified in this plan that is reasonably expeditious.***

A general implementation schedule can be found in the WIP on page 64. It is evident that restoring the impaired reaches of the Buffalo Creek Watershed will be a lengthy and expensive undertaking. However, when referring to the schedule outlined in the WIP, we feel like we are moving in the right direction, and with continued funding, outreach, education, and partner support we feel we can make a difference in improving Union County's water quality.

Restoration of a watershed this size will be very lengthy. It is reasonable to expect our timeframe to stretch to 2025 and beyond. However, the UCCD still realizes the importance of setting short-term goals as stepping stones towards the ultimate goal of restoring streams to a point where they may be removed from the impaired streams list.

Based on the new subwatershed priorities found in Attachment 4, the UCCD has chosen Little Buffalo Creek as its next restoration focus. Of all farms in the Little Buffalo subshed, the UCCD has identified 40 as having the highest potential for water quality improvement. Using this analysis as a basis, and factoring for time management and staff availability, the UCCD aims to implement BMPs in the Little Buffalo subshed at a rate of 2 farms per year, which equates to 20 farms over a 10 year period.

We aspire to implement the following BMPs by working with 20 farms in the Little Buffalo subwatershed over the next 10 year period:

<b><u>Proposed BMPs</u></b>	<b><u>Units of Measure</u></b>
Heavy Use Area Protection	90,000 square feet
Nutrient Management Plan	2,400 acres
Planned Grazing System	143 acres
Riparian Buffer	35 acres
Roof Runoff System	9 systems
Stream Crossing	5 crossings
Stream Exclusion Fencing	10,165 feet
Waste Management System	9 systems
Waste Storage Structures	7 structures

These BMPs are consistent with those identified in the revised Table 3.1 found in Attachment 2. The UCCD will work with DEP to model the effect these BMPs will have on water quality, as described under Element B.

***Element G. A description of interim measurable milestones for determining whether nonpoint source management measures or other control actions are being implemented.***

One form of measurable milestones found in the WIP is the implementation schedule covered in Element F. The UCCD has set a 10-year goal of implementing BMPs on 20 farms (2 farms per year) in the Little Buffalo Creek subwatershed. Other milestones can be found in the form of water quality monitoring found in the WIP in Chapter 4: Restoration Strategies on pages 65-67.

Both will serve as guides for the UCCD in implementing and tracking progress. These sections require no further updates at this time.

***Element H. A set of criteria that can be used to determine whether loading reductions are being achieved over time and substantial progress is being made toward attaining water quality standards.***

Criteria used to determine whether loading reductions are being achieved and progress is being made were described under Elements F and G. In addition, the UCCD will use the MapShed and STEPL models to determine how TMDL load reduction goals are being met.

Progress from an implementation standpoint will be measured against the 10-year goal outlined under Element F. It is our hope that within the next 10 years a TMDL will be completed for the Little Buffalo Creek so that load reduction estimates can be measured against allowable maximum loads. At this point the UCCD can assess whether to set additional short-term goals for Little Buffalo or to move on to the next priority subwatershed.

***Element I. A monitoring component to evaluate the effectiveness of the implementation efforts over time, measured against the criteria established under element H.***

Water quality monitoring throughout the Buffalo Creek Watershed, and at sites associated with implementation projects, is currently being performed by the Buffalo Creek Watershed Alliance. A description of the water quality monitoring protocol can be found in Chapter 4: Restoration Strategies on pages 65-66 of the WIP.

## *Attachments*

1. Revised Table 2.2 (page 28)
2. Revised Table 3.1 (page 33)
3. Revised Figure 3.1 (page 47)
4. Revised Table 3.6 (page 61)
5. Revised Appendix A (page 71)

**Attachment 1.**

Revised Table 2.2 Impaired Streams in the Buffalo Creek Watershed

Replaces Table 2.2 on page 28 of the WIP

**Table 2.2** Impaired streams in the Buffalo Creek Watershed (replaces Table 2.2 on page 28 of the WIP)

<b>Stream Name</b>	<b>Miles</b>	<b>Source/Cause</b>
Beaver Run	7.3	Agriculture/Siltation
Buffalo Creek	9.3	Atmospheric Deposition/pH
Buffalo Creek (and UNTs)	10.1	Agriculture/Siltation
Buffalo Creek	9.1	Source Unknown/Pathogens
Buffalo Creek	9.8	Agriculture/Siltation, Source Unknown Pathogens
Buffalo Creek (UNTs)	4.8	Source Unknown Pathogens
Buffalo Creek (UNT)	1.7	Grazing Related Agriculture/Nutrients + Siltation
Buffalo Creek (UNT)	1.3	Small Residential Runoff/ Nutrients
Coal Run	0.9	Agriculture/Siltation
Coal Run (UNT)	5.1	Grazing Related Agriculture/Nutrients + Siltation
Little Buffalo Creek	6.4	Agriculture/Siltation
Muddy Run	1.0	Grazing Related Agriculture/Siltation ONLY
Muddy Run	1.6	Agriculture/Siltation
Rapid Run (UNT)	4.1	Grazing Related Agriculture/Nutrients + Siltation
Spruce Run (UNT) <i>(Expected to meet uses)</i>	1.1	Industrial Point Source/pH, DO/BOD, Land Development/Siltation
<b>TOTAL</b>	<b>73.6</b>	

**Attachment 2.**

Revised Table 3.1 Individual Farm BMPs

Replaces Table 3.1 on page 33 of the WIP

**Table 3.1** Individual farm BMPs (replaces Table 3.1 on page 33 of the WIP)

Farm #	Water-shed	Past BMPs before July, 2000	Unit Ac, Ft, No	Present BMPs July, 2000 to present	Unit Ac, Ft, No	Future BMPs	Unit Ac, Ft, No
1	Buffalo Trib	Conservation Crop Rotation (Ac.) (328)	84	Stripcropping, Field (Ac.) (586)	20	Barnyard Runoff Control (No.) (357)	1
		Conservation Plan (Ac.) (003)	69	Cover Crop (Ac.) (340)	30	Waste Management System (No.) (312)	1
		Residue Mgmt, Mulch Till (Ac.) (329B)	84			Residue Mgmt, No-Till (Ac.) (329A)	84
		Roof Runoff Structure (No.) (558)	2			Fence (Ft.) (382)	1800
		Grassed Waterway (Ac.) (412)	0.3			Stream Crossing (No.) (578)	2
		Grassed Waterway (Ac.) (412)	0.55			Animal Trails and Walkways (Ft.) (575)	350
		Fence (Ft.) (382) ( <i>streambank one side</i> )	730			Riparian Forest Buffer (Ac.) (391) in Ft. length	1800
2	Buffalo Trib	Conservation Plan (Ac.) (003)	190	Use Exclusion (Ac.) (472)	0.3	Fence (Ft.) (382)	3060
		Roof Runoff Structure (No.) (558)	3	Riparian Forest Buffer (Ac.) (391) in Ft. length	600	Streambank & Shoreline Protection (Ft.) (580)	245
		Pond (No.) (378)	2	Riparian Forest Buffer (Ac.) (391) in Ft. length	800	Stream Crossing (No.) (578)	2
		Waste Storage Facility (No.) (313)	2	Riparian Forest Buffer (Ac.) (391) in Ft. length	2600	Riparian Forest Buffer (Ac.) (391) in Ft. length	3060
		Grassed Waterway (Ac.) (412)	1.5	Riparian Forest Buffer (Ac.) (391) in Ft. length	880	Stream (equipment) Crossing (No.) (578)	1
		Conservation Crop Rotation (Ac.) (328)	55	Residue Mgmt, No-Till (Ac.) (329A)	7.2	Cover Crop (Ac.) (340)	88
		Contour Farming (Ac.) (330)	78			Barnyard Runoff Control (No.) (357)	1
		Cover Crop (Ac.) (340)	31			Waste Management System (No.) (312)	1
		Residue Mgmt, No-Till (Ac.) (329A)	130			Cover Crop (Ac.) (340)	7.2
		Roof Runoff Structure (No.) (558)	2				

		Fence (Ft.) (382) ( <i>streambank one side</i> )	420			
3	Buffalo Trib	Prescribed Grazing (Ac.) (528A)	6		Roof Runoff Structure (No.) (558) 1	
		Trough or Tank (No.) (614)	3		Riparian Forest Buffer (Ac.) (391) in Ft. length 835	
		Channel Bank Vegetation (Ac.) (322)	0.3			
		Riparian Herbaceous Cover (Ac.) (390) in Ft. length ( <i>one side</i> )	340			
		Fence (Ft.) (382) ( <i>streambank one side</i> )	540			
4	Buffalo Trib			Channel Bank Vegetation (Ac.) (322)	0.2	Residue Mgmt, No-Till (Ac.) (329A) 6.3
				Conservation Cover (Ac.) (327)	1.6	Riparian Forest Buffer (Ac.) (391) in Ft. length 590
5	Buffalo Trib	Conservation Plan (Ac.) (003)	12		Residue Mgmt, No-Till (Ac.) (329A) 8	
		Roof Runoff Structure (No.) (558)	2			
		Grassed Waterway (Ac.) (412)	0.2			
6	Buffalo Trib	Conservation Plan (Ac.) (003)	136.5		Waste Management System (No.) (312) 1	
		Roof Runoff Structure (No.) (558)	3		Barnyard Runoff Control (No.) (357) 1	
		Residue Mgmt, No-Till (Ac.) (329A)	123.6		Fence (Ft.) (382) 1520	
		Grassed Waterway (Ac.) (412)	1.3		Stream Crossing (No.) (578) 3	
		Pond (No.) (378)	1		Riparian Forest Buffer (Ac.) (391) in Ft. length 1520	
		Cover Crop (Ac.) (340)	16		Cover Crop (Ac.) (340) 54.75	
		Conservation Crop Rotation (Ac.) (328)	123.6			
		Barnyard Runoff Control (No.) (357)	1			

		Heavy Use Protection (Ac.) (561)	1.5				
		Riparian Herbaceous Cover (Ac.) (390) in Ft. length	2000				
7	Buffalo Trib	Conservation Crop Rotation (Ac.) (328)	45			Nutrient Management Plan (No.) (590)	1
		Conservation Plan (Ac.) (003)	80			Residue Management (Ac.) (329)	77.9
		Residue Mgmt, Mulch Till (Ac.) (329B)	45			Cover Cropping (Ac.) (340)	50
						Waste Management System (No.) (312)	1
						Heavy Use Area Protection (No.) (561)	1
						Roof Runoff System (No.) (558)	1
						Waste Storage Structure (No.) (313)	1
						Riparian Buffer (Ft.) (390/391)	5000
						Stream Crossing (No.) (578)	1
						Stream Exclusion Fencing (Ft.) (382)	5000
						Planned Grazing System (No.) (528)	1
8	Buffalo Trib	Conservation Plan (Ac.) (003)	125	Prescribed Grazing (Ac.) (528A)	10	Fence (Ft.) (382)	1380
		Conservation Crop Rotation (Ac.) (328)	79	Roof Runoff Structure (No.) (558)	2	Stream Crossing (No.) (578)	2
		Stripcropping, Contour (Ac.) (585)	50	Conservation Cover (Ac.) (327)	2.5	Riparian Forest Buffer (Ac.) (391) in Ft. length	690
		Contour Farming (Ac.) (330)	37.5	Residue Mgmt, No-Till (Ac.) (329A)	79	Cover Crop (Ac.) (340)	50
		Channel Bank Vegetation (Ac.) (322)	0.4	Cover Crop (Ac.) (340)	15.5		
		Pond (No.) (378)	2				

		Riparian Forest Buffer (Ac.) (391) in Ft. length	1500		
9	Buffalo Trib			Riparian Herbaceous Cover (Ac.) (390) in Ft. length	2000
10	Buffalo Trib				Riparian Forest Buffer (Ac.) (391) in Ft. length 2000
11	Buffalo Trib				Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 68 Cover Cropping (Ac.) (340) 37.5 Riparian Buffer (Ft.) (390/391) 2060 Stream Crossing (No.) (578) 1 Stream Exclusion Fencing (Ft.) (382) 1050 Planned Grazing System (No.) (528) 1
12	Rapid	Conservation Plan (Ac.) (003) 42 Roof Runoff Structure (No.) (558) 2 Pond (No.) (378) 1 Riparian Forest Buffer (Ac.) (391) in Ft. length 1426		Residue Mgmt, No-Till (Ac.) (329A)	16.8
13	Rapid	Conservation Plan (Ac.) (003) 102 Conservation Cover (Ac.) (327) 17.1 Pond (No.) (378) 3 Riparian Forest Buffer (Ac.) (391) in Ft. length 3000		Conservation Cover (Ac.) (327)	7
14	Rapid			Conservation Plan (Ac.) (003)	82.5
					Stream (equipment) Crossing (No.) (578) 1

				Nutrient Mangement (Ac.) (590)	73.8	Waste Storage (stacking) Facility (No.) (313)	1
				Cover Crop (Ac.) (340)	11.85		
				Residue Mgmt, No-Till (Ac.) (329A)	65		
				Diversion (Ft.) (362)	600		
				Contour Farming (Ac.) (330)	6		
				Contour Buffer Strips (Ac.) (332)	1.8		
				Stripcropping, Contour (Ac.) (585)	25		
				Waste Storage Facility (No.) (313)	1		
				Heavy Use Protection (Ac.) (561)	0.1		
				Barnyard Runoff Control (No.) (357)	1		
				Waste Management System (No.) (312)	1		
				Roof Runoff Structure (No.) (558)	2		
				Conservation Crop Rotation (Ac.) (328)	65		
				Riparian Herbaceous Cover (Ac.) (390) in Ft. length	3000		
				Riparian Herbaceous Cover (Ac.) (390) in Ft. length	1860		
				Fence (Ft.) (382) ( <i>streambank</i> )	1455		
15	Rapid	Conservation Plan (Ac.) (003)	63	Residue Mgmt, No-Till (Ac.) (329A)	40	Fence (Ft.) (382)	2200
				Cover Crop (Ac.) (340)	6	Stream Crossing (No.) (578)	1
						Riparian Forest Buffer (Ac.) (391) in Ft. length	2200

16	Rapid	Conservation Plan (Ac.) (003)	56		Fence (Ft.) (382)	2600	
		Prescribed Grazing (Ac.) (528A)	64		Stream Crossing (No.) (578)	1	
		Roof Runoff Structure (No.) (558)	3		Riparian Forest Buffer (Ac.) (391) in Ft. length	1600	
		Pasture and Hayland Planting (Ac.) (512)	54.7		Pasture and Hayland Planting (Ac.) (512)	0.25	
17	Rapid	Riparian Forest Buffer (Ac.) (391) in Ft. length	4620	Residue Mgmt, No-Till (Ac.) (329A)		Fence (Ft.) (382)	1200
				Roof Runoff Structure (No.) (558)		Riparian Forest Buffer (Ac.) (391) in Ft. length	1200
				Cover Crop (Ac.) (340)		Stream Crossing (No.) (578)	1
18	Rapid	Baryard Runoff Control (No.) (357) ( <i>ROOF</i> )	1	Residue Mgmt, No-Till (Ac.) (329A)	35	Conservation Plan (Ac.) (003)	95
				Contour Farming (Ac.) (330)	8	Fence (Ft.) (382)	2300
				Pasture and Hayland Planting (Ac.) (512)	29	Riparian Forest Buffer (Ac.) (391) in Ft. length	2300
				Prescribed Grazing (Ac.) (528A)	43	Riparian Forest Buffer (Ac.) (391) in Ft. length	2500
						Stream Crossing (No.) (578)	1
						Cover Crop (Ac.) (340)	7.8
						Heavy Use Area Protection (Ac.) (561)	0.1
						Waste Storage (stacking) Facility (No.) (313)	1
						Stream Crossing (No.) (578) (equipment)	1
						Access Road (Field Lane fix) (Ft. ) (561)	390
19	Rapid					Conservation Plan (Ac.) (003)	51

20	Rapid	Conservation Plan (Ac.) (003) 33	Nutrient Management (Ac.) (590) 9.2	Riparian Forest Buffer (Ac.) (391) in Ft. length 1400
21	Rapid			Conservation Plan (Ac.) (003) 64
22	Rapid		Conservation Plan (Ac.) (003) 36	Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 100 Cover Cropping (Ac.) (340) 81 Waste Management System (No.) (312) 1 Heavy Use Area Protection (No.) (561) 1 Roof Runoff System (No.) (558) 1 Waste Storage Structure (No.) (313) 1 Riparian Buffer (Ft.) (390/391) 1050 Stream Exclusion Fencing (Ft.) (382) 500 Planned Grazing System (No.) (528) 1
23	Rapid	Conservation Plan (Ac.) (003) 64		
24	Coal	Conservation Plan (Ac.) (003) 250 Riparian Forest Buffer (Ac.) (391) in Ft. length Conservation Plan (Ac.) (003) 11 Pond (No.) (378) 5 Conservation Cover (Ac.) (327) 11 Riparian Forest Buffer (Ac.) (391) in Ft. length 3300		Channel Stabilization (Ft.) (584) 100

25	Coal	Conservation Plan (Ac.) (003)	100	Residue Mgmt, No-Till (Ac.) (329A)	13.6	Cover Crop (Ac.) (340)	13.6
		Pond (No.) (378)	1	Contour Farming (Ac.) (330)	9.6		
		Riparian Forest Buffer (Ac.) (391) in Ft. length	3700				
		Riparian Forest Buffer (Ac.) (391) in Ft. length	4550				
		Riparian Forest Buffer (Ac.) (391) in Ft. length	4400				
26	Coal	Conservation Plan (Ac.) (003)	60			Riparian Forest Buffer (Ac.) (391) in Ft. length	4000
		Pasture and Hayland Planting (Ac.) (512)	35				
27	Coal	Conservation Plan (Ac.) (003)	60				
		Riparian Forest Buffer (Ac.) (391) in Ft. length	5200				
		Riparian Forest Buffer (Ac.) (391) in Ft. length	1400				
		Residue Mgmt, No-Till (Ac.) (329A)	32				
28	Coal	Residue Mgmt, No-Till (Ac.) (329A)	16	Fence (Ft.) (382)	1700	Conservation Plan (Ac.) (003)	
		Stripcropping, Field (Ac.) (586)	16	Riparian Herbaceous Cover (Ac.) (390) in Ft. length	1700	Fence (Ft.) (382)	600
						Riparian Herbaceous Cover (Ac.) (390) in Ft. length	600
29	Coal	Riparian Forest Buffer (Ac.) (391) in Ft. length				Conservation Plan (Ac.) (003)	
30	Coal	Stripcropping, Field (Ac.) (586)	60			Conservation Plan (Ac.) (003)	77
		Waste Storage Facility (No.) (313)	1			Residue Mgmt, No-Till (Ac.) (329A)	60
						Prescribed Grazing (Ac.) (528A)	5.25
						Fence (Ft.) (382)	2000

				Riparian Forest Buffer (Ac.) (391) in Ft. length	2000
				Stream Crossing (No.) (578)	1
				Barnyard Runoff Control (No.) (357)	1
31	Coal	Riparian Forest Buffer (Ac.) (391) in Ft. length	400	Conservation Plan (Ac.) (003)	24
				Stream Crossing (No.) (578)	1
				Barnyard Runoff Control (No.) (357)	1
				Fence (Ft.) (382)	200
				Riparian Herbaceous Cover (Ac.) (390) in Ft. length	200
32	Coal	Conservation Plan (Ac.) (003)	105	Residue Mgmt, No-Till (Ac.) (329A)	62
		Stripcropping, Field (Ac.) (586)	62	Prescribed Grazing (Ac.) (528A)	27
		Riparian Forest Buffer (Ac.) (391) in Ft. length	4120	Stream Crossing (No.) (578)	1
		Waste Storage Facility (No.) (313)	1	Access Road (Field Lane fix) (Ft. ) (561)	2100
33	Coal	Riparian Forest Buffer (Ac.) (391) in Ft. length	2800	Grassed Waterway (Ac.) (412)	1.5
		Residue Mgmt, No-Till (Ac.) (329A)	35		
34	Coal	Riparian Forest Buffer (Ac.) (391) in Ft. length	1860		
35	Coal	Riparian Forest Buffer (Ac.) (391) in Ft. length	1900		
36	Coal	Riparian Forest Buffer (Ac.) (391) in Ft. length	1000		
37	Coal	Riparian Forest Buffer (Ac.) (391) in Ft. length	1000		
38	Muddy	Conservation Plan (Ac.) (003)	84	Riparian Forest Buffer (Ac.) (391) in Ft. length	2100

		Conservation Plan (Ac.) (003)	35			
		CREP (Ac.) (grasses)	120			
		Riparian Herb. Buffer	7000			
39	Muddy	Conservation Plan (Ac.) (003)	64	Riparian Forest Buffer (Ac.) (391) in Ft. length	400	Fence (Ft.) (382) 1800
		Stripcropping, Contour (Ac.) (585)	48			Stream Crossing (No.) (578) 1
						Riparian Forest Buffer (Ac.) (391) in Ft. length 1800
						Prescribed Grazing (Ac.) (528A) 6
40	Muddy			Conservation Plan (Ac.) (003)	75	Fence (Ft.) (382) 3000
				Stripcropping, Contour (Ac.) (585)	64	Riparian Forest Buffer (Ac.) (391) in Ft. length 3000
				Residue Mgmt, No-Till (Ac.) (329A)	64	Stream Crossing (No.) (578) 1
						Prescribed Grazing (Ac.) (528A) 6
41	Muddy	Conservation Plan (Ac.) (003)	75			Riparian Forest Buffer (Ac.) (391) in Ft. length 800
		Nutrient Management (Ac.) (590)	18			
		Riparian Forest Buffer (Ac.) (391) in Ft. length	3000			
42	Muddy	Conservation Plan (Ac.) (003)	122.8			Riparian Forest Buffer(Ac.) (391) in Ft. length 3000
		Stripcropping, Contour (Ac.) (585)	60			Residue Mgmt, No-Till (Ac.) (329A) 60
		Prescribed Grazing (Ac.) (528A)	9			
43	Muddy	Riparian Forest Buffer (Ac.) (391) in Ft. length	1100			
44	Muddy	Riparian Forest Buffer (Ac.) (391) in Ft. length	1500			

46	Beaver	Riparian Herbaceous Cover (Ac.) (390) in Ft. length Residue Mgmt, No-Till (Ac.) (329A)	2100 87		Nutrient Management Plan (No.) (590) Residue Management (Ac.) (329) Cover Cropping (Ac.) (340) Riparian Buffer (Ft.) (390/391)	1 112 87 2900	
47	Beaver	Stripcropping, Contour (Ac.) (585) Residue Mgmt, No-Till (Ac.) (329A)	78 78	Cover Crop (Ac.) (340)	24	Riparian Herbaceous Cover (Ac.) (390) in Ft. length 5900	
48	Beaver	Stripcropping, Contour (Ac.) (585)	42			Riparian Forest Buffer (Ac.) (391) in Ft. length Residue Mgmt, No-Till (Ac.) (329A) Fence (Ft.) (382) Stream Crossing (No.) (578)	3700 42 3700 2
49	Beaver	Contour Farming (Ac.) (330)	41			Riparian Forest Buffer (Ac.) (391) in Ft. length Residue Mgmt, No-Till (Ac.) (329A)	2600 41
50	Beaver						
51	Beaver	Stripcropping, Field (Ac.) (586) Waste Storage Facility (No.) (313)	2			Riparian Forest Buffer (Ac.) (391) in Ft. length Residue Mgmt, No-Till (Ac.) (329A)	4200
52	Beaver					Residue Mgmt, No-Till (Ac.) (329A) Riparian Forest Buffer (Ac.) (391) in Ft. length	4 730
53	Beaver	Stripcropping, Contour (Ac.) (585)	37				
54	Beaver	Residue Mgmt, No-Till (Ac.) (329A)	60				

55	Beaver	Riparian Forest Buffer (Ac.) (329A)	3500		
56	Beaver	Stripcropping, Contour (Ac.) (585)	7		
57	Beaver				
58	Beaver	Stripcropping, Contour (Ac.) (585)	51		Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 92.8 Cover Cropping (Ac.) (340) 62 Waste Management System (No.) (312) 1 Heavy Use Area Protection (No.) (561) 1 Roof Runoff System (No.) (558) 1 Waste Storage Structure (No.) (313) 1 Planned Grazing System (No.) (528) 1
59	Beaver	Stripcropping, Contour (Ac.) (585)	20	Cover Crop (Ac.) (340) 3 Fence (Ft.) (382) 1000 Riparian Herbaceous Cover (Ac.) (390) in Ft. length 1000	Riparian Forest Buffer (Ac.) (391) in Ft. length 1000 Residue Mgmt, No-Till (Ac.) (329A) 20 Barnyard Runoff Control (No.) (357) 1 Stream Crossing (No.) (578) 1
60	Beaver	Stripcropping, Contour (Ac.) (585)	68	Cover Crop (Ac.) (340) 2	Riparian Forest Buffer (Ac.) (391) in Ft. length 3400 Residue Mgmt, No-Till (Ac.) (329A) 68
61	Beaver	Stripcropping, Contour (Ac.) (585)	68		Riparian Forest Buffer (Ac.) (391) in Ft. length 2100 Residue Mgmt, No-Till (Ac.) (329A) 68

62	Beaver	Stripcropping, Contour (Ac.) (585)	100	Fence (Ft.) (382)	2600	Riparian Forest Buffer (Ac.) (391) in Ft. length	2600
				Riparian Herbaceous Cover (Ac.) (390) in Ft. length	2600	Residue Mgmt, No-Till (Ac.) (329A)	100
63	Beaver			Fence (Ft.) (382)	2100	Residue Mgmt, No-Till (Ac.) (329A)	100
				Riparian Herbaceous Cover (Ac.) (390) in Ft. length	2100	Riparian Forest Buffer (Ac.) (391) in Ft. length	2100
64	Beaver	Residue Mgmt, No-Till (Ac.) (329A)	53			Riparian Forest Buffer (Ac.) (391) in Ft. length	2500
65	Beaver	Stripcropping, Contour (Ac.) (585)	25			Riparian Forest Buffer (Ac.) (391) in Ft. length	700
66	Beaver	Riparian Forest Buffer (Ac.) (391) in Ft. length	3900			Residue Mgmt, No-Till (Ac.) (329A)	15
67	Beaver					Residue Mgmt, No-Till (Ac.) (329A)	4
68	Beaver					Residue Mgmt, No-Till (Ac.) (329A)	7
						Riparian Forest Buffer (Ac.) (391) in Ft. length	530
69	Beaver	Stripcropping, Contour (Ac.) (585)	51	Cover Crop (Ac.) (340)	5	Riparian Forest Buffer (Ac.) (391) in Ft. length	3500
				Fence (Ft.) (382)	3500		
				Riparian Herbaceous Cover (Ac.) (390) in Ft. length	3500		
70	Beaver	Stripcropping, Field (Ac.) (586)	73				
71	Beaver	Stripcropping, Field (Ac.) (586)	24			Grassed Waterway (Ac.) (412)	2
72	Buffalo East						
73	Buffalo East					Nutrient Management Plan (No.) (590)	1
						Residue Management (Ac.) (329)	19
						Cover Cropping (Ac.) (340)	4

74	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	123
				Cover Cropping (Ac.) (340)	36
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
75	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11
				Cover Cropping (Ac.) (340)	6
76	Buffalo East				
77	Buffalo East				
78	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11.5
				Cover Cropping (Ac.) (340)	6.5
79	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	59
				Cover Cropping (Ac.) (340)	36
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1

					Roof Runoff System (No.) (558)	1
80	Buffalo East				Nutrient Management Plan (No.) (590)	1
					Residue Management (Ac.) (329)	127
					Cover Cropping (Ac.) (340)	95
					Waste Management System (No.) (312)	1
					Heavy Use Area Protection (No.) (561)	1
					Roof Runoff System (No.) (558)	1
					Waste Storage Structure (No.) (313)	1
					Riparian Buffer (Ft.) (390/391)	1700
81	Buffalo East					
82	Buffalo East				Nutrient Management Plan (No.) (590)	1
					Residue Management (Ac.) (329)	126
					Cover Cropping (Ac.) (340)	59
					Riparian Buffer (Ft.) (390/391)	1100
83	North Branch	Stripcropping, Contour (Ac.) (585)	24	Waste Storage (stacking) Facility (No.) (313)	1	
		Residue Mgmt, No-Till (Ac.) (329A)	25.5			
84	North Branch	Riparian Forest Buffer (Ac.) (391) in Ft. length	1500			
85	North Branch				Barnyard Runoff Control (No.) (357)	1
86	North Branch					

87	North Branch	Stripcropping, Contour (Ac.) (585)	52		Riparian Forest Buffer (Ac.) (391) in Ft. length	1500
		Residue Mgmt, No-Till (Ac.) (329A)	28		Residue Mgmt, No-Till (Ac.) (329A)	32
88	North Branch	Stripcropping, Field (Ac.) (586)	9		Residue Mgmt, No-Till (Ac.) (329A)	71
					Riparian Forest Buffer (Ac.) (391) in Ft. length	4200
89	North Branch	Stripcropping, Field (Ac.) (586)	28		Heavy Use Protection (Ac.) (561)	1
		Residue Mgmt, No-Till (Ac.) (329A)	46		Riparian Forest Buffer (Ac.) (391) in Ft. length	950
					Fence (Ft.) (382)	950
90	North Branch	Riparian Forest Buffer (Ac.) (391) in Ft. length	1900			
100	Buffalo West				Nutrient Management Plan (No.) (590)	1
					Residue Management (Ac.) (329)	138
					Cover Cropping (Ac.) (340)	90
					Waste Management System (No.) (312)	1
					Heavy Use Area Protection (No.) (561)	1
					Roof Runoff System (No.) (558)	1
					Waste Storage Structure (No.) (313)	1
					Riparian Buffer (Ft.) (390/391)	1700
					Stream Crossing (No.) (578)	1
					Stream Exclusion Fencing (Ft.) (382)	1700
		Planned Grazing System (No.) (528)	1			

101	Buffalo West			<p>Nutrient Management Plan (No.) (590) 1</p> <p>Residue Management (Ac.) (329) 51.7</p> <p>Cover Cropping (Ac.) (340) 25</p> <p>Waste Management System (No.) (312) 1</p> <p>Heavy Use Area Protection (No.) (561) 1</p> <p>Roof Runoff System (No.) (558) 1</p> <p>Waste Storage Structure (No.) (313) 1</p> <p>Riparian Buffer (Ft.) (390/391) 700</p> <p>Stream Crossing (No.) (578) 1</p> <p>Stream Exclusion Fencing (Ft.) (382) 2750</p> <p>Planned Grazing System (No.) (528) 1</p>
102	Buffalo West			<p>Nutrient Management Plan (No.) (590) 1</p> <p>Residue Management (Ac.) (329) 40</p> <p>Cover Cropping (Ac.) (340) 20</p> <p>Waste Management System (No.) (312) 1</p> <p>Heavy Use Area Protection (No.) (561) 1</p> <p>Roof Runoff System (No.) (558) 1</p> <p>Planned Grazing System (No.) (528) 1</p>
103	Buffalo West			<p>Nutrient Management Plan (No.) (590) 1</p>

				Residue Management (Ac.) (329)	62
				Cover Cropping (Ac.) (340)	30
104	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	82
				Cover Cropping (Ac.) (340)	60
105	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	22
106	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	61
				Cover Cropping (Ac.) (340)	30
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
107	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	89
				Cover Cropping (Ac.) (340)	40
				Waste Management System (No.) (312)	1

				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	185
				Stream Exclusion Fencing (Ft.) (382)	185
				Planned Grazing System (No.) (528)	1
108	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	17
				Cover Cropping (Ac.) (340)	6
109	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	106
				Cover Cropping (Ac.) (340)	60
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	2490
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	2490
				Planned Grazing System (No.) (528)	1

110	Buffalo West			<p>Nutrient Management Plan (No.) (590) 1</p> <p>Residue Management (Ac.) (329) 2.75</p> <p>Cover Cropping (Ac.) (340) 1</p> <p>Waste Management System (No.) (312) 1</p> <p>Heavy Use Area Protection (No.) (561) 1</p> <p>Roof Runoff System (No.) (558) 1</p> <p>Waste Storage Structure (No.) (313) 1</p> <p>Riparian Buffer (Ft.) (390/391) 3158</p> <p>Stream Exclusion Fencing (Ft.) (382) 3158</p> <p>Planned Grazing System (No.) (528) 1</p>
111	Buffalo West			<p>Nutrient Management Plan (No.) (590) 1</p> <p>Residue Management (Ac.) (329) 12</p> <p>Cover Cropping (Ac.) (340) 10</p> <p>Riparian Buffer (Ft.) (390/391) 891</p>
112	Buffalo West			<p>Nutrient Management Plan (No.) (590) 1</p> <p>Residue Management (Ac.) (329) 141</p> <p>Cover Cropping (Ac.) (340) 75</p> <p>Waste Management System (No.) (312) 1</p> <p>Heavy Use Area Protection (No.) (561) 1</p>

				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	3300
				Stream Exclusion Fencing (Ft.) (382)	3300
				Planned Grazing System (No.) (528)	1
113	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	84
				Cover Cropping (Ac.) (340)	30
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1
114	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	110
				Cover Cropping (Ac.) (340)	50
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1

115	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	95.2
				Cover Cropping (Ac.) (340)	25
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1
116	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	126
				Cover Cropping (Ac.) (340)	90
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1
117	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	60
				Cover Cropping (Ac.) (340)	30
118	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	116.6
				Cover Cropping (Ac.) (340)	100
119	Buffalo West			Nutrient Management Plan (No.) (590)	1

				Residue Management (Ac.) (329)	95
				Cover Cropping (Ac.) (340)	45
120	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	107.3
				Cover Cropping (Ac.) (340)	30
				Riparian Buffer (Ft.) (390/391)	2520
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	2520
				Planned Grazing System (No.) (528)	1
121	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	60
				Cover Cropping (Ac.) (340)	50
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
122	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	153
				Cover Cropping (Ac.) (340)	65

				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	1600
				Planned Grazing System (No.) (528)	1
123	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	106.1
				Cover Cropping (Ac.) (340)	90
				Riparian Buffer (Ft.) (390/391)	2700
124	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	96.7
				Cover Cropping (Ac.) (340)	45
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	3600
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	3600
				Planned Grazing System (No.) (528)	1

125	Buffalo West			Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 22.6 Cover Cropping (Ac.) (340) 20 Waste Management System (No.) (312) 1 Heavy Use Area Protection (No.) (561) 1 Roof Runoff System (No.) (558) 1 Planned Grazing System (No.) (528) 1
126	Buffalo West			Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 43.1 Cover Cropping (Ac.) (340) 35
127	Buffalo West			Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 11 Cover Cropping (Ac.) (340) 8 Waste Management System (No.) (312) 1 Heavy Use Area Protection (No.) (561) 1 Roof Runoff System (No.) (558) 1 Waste Storage Structure (No.) (313) 1 Planned Grazing System (No.) (528) 1
128	Buffalo West			Nutrient Management Plan (No.) (590) 1

				Residue Management (Ac.) (329)	24
				Cover Cropping (Ac.) (340)	12
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1
129	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	29.8
				Cover Cropping (Ac.) (340)	9
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
130	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	44
				Cover Cropping (Ac.) (340)	35
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1

				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
131	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	47
				Cover Cropping (Ac.) (340)	45
132	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	55
				Cover Cropping (Ac.) (340)	30
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	2700
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	2700
				Planned Grazing System (No.) (528)	1
133	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	58

				Cover Cropping (Ac.) (340)	23
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1
134	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	22
				Cover Cropping (Ac.) (340)	15
				Riparian Buffer (Ft.) (390/391)	1830
135	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	82
				Cover Cropping (Ac.) (340)	60
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
136	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	79.6

				Cover Cropping (Ac.) (340)	65
				Riparian Buffer (Ft.) (390/391)	4200
137	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	104.9
				Cover Cropping (Ac.) (340)	40
138	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	104.9
				Cover Cropping (Ac.) (340)	70
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	2300
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	2300
				Planned Grazing System (No.) (528)	1
139	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	1
				Cover Cropping (Ac.) (340)	1
				Waste Management System (No.) (312)	1

				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
140	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	134.3
				Cover Cropping (Ac.) (340)	100
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1
141	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	128.1
				Cover Cropping (Ac.) (340)	110
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
142	Buffalo West			Nutrient Management Plan (No.) (590)	1

				Residue Management (Ac.) (329)	86.5
				Cover Cropping (Ac.) (340)	60
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
143	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	87
				Cover Cropping (Ac.) (340)	70
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
144	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	131
				Cover Cropping (Ac.) (340)	115
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1

				Planned Grazing System (No.) (528)	1
145	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	49.8
				Cover Cropping (Ac.) (340)	15
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1
146	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	77
				Cover Cropping (Ac.) (340)	77
147	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	147.3
				Cover Cropping (Ac.) (340)	100
				Riparian Buffer (Ft.) (390/391)	2200
148	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	137
				Cover Cropping (Ac.) (340)	110
				Waste Management System (No.) (312)	1

				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	2800
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	2800
				Planned Grazing System (No.) (528)	1
149	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	191
				Cover Cropping (Ac.) (340)	150
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	6750
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	6750
				Planned Grazing System (No.) (528)	1
150	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	33
				Cover Cropping (Ac.) (340)	33

151	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	20
				Cover Cropping (Ac.) (340)	10
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
152	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	31
				Cover Cropping (Ac.) (340)	5
153	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	63
				Cover Cropping (Ac.) (340)	30
154	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	118
				Cover Cropping (Ac.) (340)	75
155	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	152.7

				Cover Cropping (Ac.) (340)	100
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	3600
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	4800
				Planned Grazing System (No.) (528)	1
156	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	44.8
				Cover Cropping (Ac.) (340)	22
157	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	190
				Cover Cropping (Ac.) (340)	170
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	800

				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	1600
				Planned Grazing System (No.) (528)	1
158	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	67.4
				Cover Cropping (Ac.) (340)	25
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	2000
				Planned Grazing System (No.) (528)	1
159	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	16
				Cover Cropping (Ac.) (340)	10
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1

				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	1000
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	1000
				Planned Grazing System (No.) (528)	1
160	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	26.6
				Cover Cropping (Ac.) (340)	26.6
161	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	21
				Cover Cropping (Ac.) (340)	16
162	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	15
				Cover Cropping (Ac.) (340)	12
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	1600

				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	1600
				Planned Grazing System (No.) (528)	1
163	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	19
				Cover Cropping (Ac.) (340)	15
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1
164	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	120.1
				Cover Cropping (Ac.) (340)	85
165	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	70
				Cover Cropping (Ac.) (340)	67
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1

			Riparian Buffer (Ft.) (390/391)	300
			Stream Exclusion Fencing (Ft.) (382)	300
			Planned Grazing System (No.) (528)	1
166	Buffalo West		Nutrient Management Plan (No.) (590)	1
			Residue Management (Ac.) (329)	70
			Cover Cropping (Ac.) (340)	50
			Waste Management System (No.) (312)	1
			Heavy Use Area Protection (No.) (561)	1
			Roof Runoff System (No.) (558)	1
			Waste Storage Structure (No.) (313)	1
			Riparian Buffer (Ft.) (390/391)	3200
			Stream Crossing (No.) (578)	1
			Stream Exclusion Fencing (Ft.) (382)	3200
			Planned Grazing System (No.) (528)	1
167	Buffalo West		Nutrient Management Plan (No.) (590)	1
			Residue Management (Ac.) (329)	160.6
			Cover Cropping (Ac.) (340)	130
			Waste Management System (No.) (312)	1
			Heavy Use Area Protection (No.) (561)	1

				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
168	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	125
				Cover Cropping (Ac.) (340)	100
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	3200
				Stream Exclusion Fencing (Ft.) (382)	3200
				Planned Grazing System (No.) (528)	1
169	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	24
				Cover Cropping (Ac.) (340)	20
170	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	18.2
				Cover Cropping (Ac.) (340)	16

				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
171	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11
				Cover Cropping (Ac.) (340)	10
172	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	15.6
				Cover Cropping (Ac.) (340)	12
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
173	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	28.3
				Cover Cropping (Ac.) (340)	15

174	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	28.4
				Cover Cropping (Ac.) (340)	10
				Riparian Buffer (Ft.) (390/391)	800
175	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	8.1
				Cover Cropping (Ac.) (340)	7.5
				Riparian Buffer (Ft.) (390/391)	830
176	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	24
				Cover Cropping (Ac.) (340)	20
177	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	39.3
				Cover Cropping (Ac.) (340)	15
178	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	23.5
				Cover Cropping (Ac.) (340)	15
179	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	51.3

				Cover Cropping (Ac.) (340)	51
180	Buffalo West			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	12
				Cover Cropping (Ac.) (340)	7
181	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	58.6
				Cover Cropping (Ac.) (340)	57
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	1800
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	1
				Planned Grazing System (No.) (528)	1
182	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	16.5
				Cover Cropping (Ac.) (340)	16
183	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11

				Cover Cropping (Ac.) (340)	5.5
184	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	110
				Cover Cropping (Ac.) (340)	89
				Riparian Buffer (Ft.) (390/391)	570
185	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	73
				Cover Cropping (Ac.) (340)	55
186	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	87
				Cover Cropping (Ac.) (340)	76
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
187	Buffalo Trib			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	10.6
				Cover Cropping (Ac.) (340)	10.6
188	Buffalo Trib			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	85.2

				Cover Cropping (Ac.) (340)	84
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	1280
				Planned Grazing System (No.) (528)	1
189	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	56
				Cover Cropping (Ac.) (340)	31
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
190	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	28
				Cover Cropping (Ac.) (340)	3
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1

				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	300
191	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	54
				Cover Cropping (Ac.) (340)	1.5
				Riparian Buffer (Ft.) (390/391)	1000
192	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	40
				Cover Cropping (Ac.) (340)	23
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	1500
				Planned Grazing System (No.) (528)	1
193	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11
				Cover Cropping (Ac.) (340)	3.5
194	Buffalo East			Nutrient Management Plan (No.) (590)	1

				Residue Management (Ac.) (329)	11
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
195	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	12
				Cover Cropping (Ac.) (340)	3
196	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11
197	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	12
198	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	77.5
				Cover Cropping (Ac.) (340)	72
				Riparian Buffer (Ft.) (390/391)	2200
199	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	91
				Cover Cropping (Ac.) (340)	27

				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	700
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	700
				Planned Grazing System (No.) (528)	1
200	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	136
				Cover Cropping (Ac.) (340)	103
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	2
				Roof Runoff System (No.) (558)	2
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	900
201	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	65
				Cover Cropping (Ac.) (340)	59

				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	400
				Planned Grazing System (No.) (528)	1
202	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	12
				Cover Cropping (Ac.) (340)	12
				Riparian Buffer (Ft.) (390/391)	350
203	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	13
				Cover Cropping (Ac.) (340)	8.5
				Riparian Buffer (Ft.) (390/391)	215
204	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	16.5
				Cover Cropping (Ac.) (340)	10
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1

				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	1300
205	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	74
				Cover Cropping (Ac.) (340)	63
				Waste Management System (No.) (312)	1
				Riparian Buffer (Ft.) (390/391)	800
206	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	10
				Cover Cropping (Ac.) (340)	6
				Riparian Buffer (Ft.) (390/391)	550
207	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	49
				Cover Cropping (Ac.) (340)	30
				Waste Management System (No.) (312)	1
				Waste Storage Structure (No.) (313)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	3100
				Stream Exclusion Fencing (Ft.) (382)	750

				Planned Grazing System (No.) (528)	1
208	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	25
				Cover Cropping (Ac.) (340)	23
209	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	10
				Cover Cropping (Ac.) (340)	6.5
				Waste Management System (No.) (312)	1
				Waste Storage Structure (No.) (313)	1
210	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	14
211	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	68
				Cover Cropping (Ac.) (340)	42
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
212	Buffalo East			Nutrient Management Plan (No.) (590)	1

				Residue Management (Ac.) (329)	15
213	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	24
				Cover Cropping (Ac.) (340)	13
214	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	13
				Cover Cropping (Ac.) (340)	12
215	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	31
				Cover Cropping (Ac.) (340)	11
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
216	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	141
				Cover Cropping (Ac.) (340)	35
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1

				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	2700
				Stream Exclusion Fencing (Ft.) (382)	950
				Planned Grazing System (No.) (528)	1
217	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	126
				Cover Cropping (Ac.) (340)	77.15
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	1200
218	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	177
				Cover Cropping (Ac.) (340)	105
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1

				Riparian Buffer (Ft.) (390/391)	4300
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	3000
				Planned Grazing System (No.) (528)	1
219	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	68
				Cover Cropping (Ac.) (340)	59
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
220	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	130
				Cover Cropping (Ac.) (340)	95
				Riparian Buffer (Ft.) (390/391)	200
221	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	126
				Cover Cropping (Ac.) (340)	85
222	Buffalo East			Nutrient Management Plan (No.) (590)	1

				Residue Management (Ac.) (329)	57
				Cover Cropping (Ac.) (340)	41
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	1000
				Stream Exclusion Fencing (Ft.) (382)	1200
				Planned Grazing System (No.) (528)	1
223	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	12
				Cover Cropping (Ac.) (340)	0.5
224	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	40
				Cover Cropping (Ac.) (340)	9
225	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	93
				Cover Cropping (Ac.) (340)	56.5
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1

				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	1400
226	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	84
				Cover Cropping (Ac.) (340)	48
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	1850
227	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	102
				Cover Cropping (Ac.) (340)	25
228	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	12
				Cover Cropping (Ac.) (340)	10
229	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	13.5
				Cover Cropping (Ac.) (340)	5

230	Buffalo East			Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 41 Cover Cropping (Ac.) (340) 11.5 Waste Management System (No.) (312) 1 Heavy Use Area Protection (No.) (561) 1 Roof Runoff System (No.) (558) 1 Waste Storage Structure (No.) (313) 1 Planned Grazing System (No.) (528) 1
231	Buffalo East			Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 72 Cover Cropping (Ac.) (340) 27
232	Buffalo East			Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 25 Cover Cropping (Ac.) (340) 9.5
233	Buffalo East			Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 70 Cover Cropping (Ac.) (340) 34 Waste Storage Structure (No.) (313) 1 Heavy Use Area Protection (No.) (561) 1

				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	270
				Stream Exclusion Fencing (Ft.) (382)	270
				Planned Grazing System (No.) (528)	1
234	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11.5
				Cover Cropping (Ac.) (340)	10.5
235	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	41
				Cover Cropping (Ac.) (340)	32
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
236	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	107
				Cover Cropping (Ac.) (340)	66
				Waste Management System (No.) (312)	1

				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
237	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	125
				Cover Cropping (Ac.) (340)	80
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	1300
				Stream Exclusion Fencing (Ft.) (382)	830
				Planned Grazing System (No.) (528)	1
238	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	91
				Cover Cropping (Ac.) (340)	87
				Riparian Buffer (Ft.) (390/391)	450
239	Buffalo East			Nutrient Management Plan (No.) (590)	1

				Residue Management (Ac.) (329)	120
				Cover Cropping (Ac.) (340)	111
240	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	47
				Cover Cropping (Ac.) (340)	43.5
241	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11
				Cover Cropping (Ac.) (340)	7.5
242	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	82
				Cover Cropping (Ac.) (340)	22
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	600
				Stream Exclusion Fencing (Ft.) (382)	1650
				Planned Grazing System (No.) (528)	1
243	Buffalo East			Nutrient Management Plan (No.) (590)	1

				Residue Management (Ac.) (329)	87
				Cover Cropping (Ac.) (340)	40
				Riparian Buffer (Ft.) (390/391)	600
244	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	104.5
				Cover Cropping (Ac.) (340)	93
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Riparian Buffer (Ft.) (390/391)	2350
245	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	209
				Cover Cropping (Ac.) (340)	137
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1
246	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	95
				Cover Cropping (Ac.) (340)	88

				Riparian Buffer (Ft.) (390/391)	500
247	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	130
				Cover Cropping (Ac.) (340)	41
248	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	154
				Cover Cropping (Ac.) (340)	112
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
249	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	176
				Cover Cropping (Ac.) (340)	148
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1

250	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	57
251	Buffalo East/ Little			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	99.9
				Cover Cropping (Ac.) (340)	57
				Waste Management System (No.) (312)	1
				Heavy Use Protection Area (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	405
				Planned Grazing System (No.) (528)	1
252	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	12
				Cover Cropping (Ac.) (340)	5
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
253	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11

				Cover Cropping (Ac.) (340)	10
254	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	143
				Cover Cropping (Ac.) (340)	63
				Waste Management System (No.) (312)	1
				Heavy Use Protection Area (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	2700
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	2700
				Planned Grazing System (No.) (528)	1
255	Buffalo East/Little			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	107.6
				Cover Cropping (Ac.) (340)	70
				Waste Management System (No.) (312)	1
				Heavy Use Protection Area (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	1900
				Stream Crossing (No.) (578)	1

				Stream Exclusion Fencing (Ft.) (382)	900
				Planned Grazing System (No.) (528)	1
256	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	61.5
				Cover Cropping (Ac.) (340)	53.5
				Riparian Buffer (Ft.) (390/391)	250
257	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	97
				Cover Cropping (Ac.) (340)	93
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
258	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	162.6
				Cover Cropping (Ac.) (340)	100
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	2
				Roof Runoff System (No.) (558)	2
				Waste Storage Structure (No.) (313)	1

			Riparian Buffer (Ft.) (390/391)	1400
			Planned Grazing System (No.) (528)	1
259	Buffalo East		Nutrient Management Plan (No.) (590)	1
			Residue Management (Ac.) (329)	93.5
			Cover Cropping (Ac.) (340)	72
			Waste Management System (No.) (312)	1
			Heavy Use Area Protection (No.) (561)	1
			Roof Runoff System (No.) (558)	1
			Waste Storage Structure (No.) (313)	1
261	Buffalo East		Nutrient Management Plan (No.) (590)	1
			Residue Management (Ac.) (329)	120
			Cover Cropping (Ac.) (340)	73.5
			Waste Management System (No.) (312)	1
			Heavy Use Area Protection (No.) (561)	1
			Roof Runoff System (No.) (558)	1
			Riparian Buffer (Ft.) (390/391)	1200
			Stream Crossing (No.) (578)	1
			Stream Exclusion Fencing (Ft.) (382)	500
			Planned Grazing System (No.) (528)	1

262	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	26
				Waste Management System (No.) (312)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	700
				Planned Grazing System (No.) (528)	1
263	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	105
				Cover Cropping (Ac.) (340)	20
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
264	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	135
				Cover Cropping (Ac.) (340)	53
265	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	51
				Waste Management System (No.) (312)	1

				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
266	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	75
				Cover Cropping (Ac.) (340)	53.2
				Waste Management System (No.) (312)	1
				Heavy Use Protection Area (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1
267	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	99
				Cover Cropping (Ac.) (340)	49
268	Buffalo East/Little			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	42.5
				Cover Cropping (Ac.) (340)	36.5
				Waste Management System (No.) (312)	1
				Heavy Use Protection Area (No.) (561)	1

				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
269	Buffalo East/Little			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	120
				Cover Cropping (Ac.) (340)	73
270	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	105
				Cover Cropping (Ac.) (340)	73
				Riparian Buffer (Ft.) (390/391)	815
271	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	215
				Cover Cropping (Ac.) (340)	155
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
272	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	10.5
				Cover Cropping (Ac.) (340)	4

				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
273	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	95
				Cover Cropping (Ac.) (340)	91
				Riparian Buffer (Ft.) (390/391)	1600
274	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	116.7
				Cover Cropping (Ac.) (340)	100
				Riparian Buffer (Ft.) (390/391)	850
275	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	116.5
				Cover Cropping (Ac.) (340)	104
				Riparian Buffer (Ft.) (390/391)	5405
276	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11.6

				Cover Cropping (Ac.) (340)	7
				Riparian Buffer (Ft.) (390/391)	700
277	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	39
				Cover Cropping (Ac.) (340)	27
278	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	205
				Cover Cropping (Ac.) (340)	170
				Riparian Buffer (Ft.) (390/391)	2450
279	Buffalo East			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	23
				Cover Cropping (Ac.) (340)	23
280	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	125.8
				Cover Cropping (Ac.) (340)	120
				Waste Management System (No.) (312)	1
				Heavy Use Protection Area (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1

281	Little Buffalo			Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 99 Cover Cropping (Ac.) (340) 95 Waste Management System (No.) (312) 1 Heavy Use Protection Area (No.) (561) 1 Roof Runoff System (No.) (558) 1
282	Little Buffalo			Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 100 Cover Cropping (Ac.) (340) 95 Waste Management System (No.) (312) 1 Heavy Use Protection Area (No.) (561) 1 Roof Runoff System (No.) (558) 1
283	Little Buffalo			Nutrient Management Plan (No.) (590) 1 Residue Management (Ac.) (329) 11.4 Waste Management System (No.) (312) 1 Heavy Use Protection Area (No.) (561) 1 Roof Runoff System (No.) (558) 1 Waste Storage Structure (No.) (313) 1
284	Little Buffalo			Nutrient Management Plan (No.) (590) 1

				Residue Management (Ac.) (329)	78
				Cover Cropping (Ac.) (340)	46
285	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11
				Cover Cropping (Ac.) (340)	11
286	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	43.3
				Cover Cropping (Ac.) (340)	22
287	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	127.7
				Cover Cropping (Ac.) (340)	106
				Riparian Buffer (Ft.) (390/391)	568
288	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	40
				Cover Cropping (Ac.) (340)	37
				Waste Management System (No.) (312)	1
				Heavy Use Protection Area (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1

				Riparian Buffer (Ft.) (390/391)	480
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	500
				Planned Grazing System (No.) (528)	1
289	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	37
				Cover Cropping (Ac.) (340)	18
				Riparian Buffer (Ft.) (390/391)	180
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	180
				Planned Grazing System (No.) (528)	1
290	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	27.4
				Cover Cropping (Ac.) (340)	20
				Riparian Buffer (Ft.) (390/391)	620
291	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	71
				Cover Cropping (Ac.) (340)	65
				Waste Management System (No.) (312)	1

				Heavy Use Protection Area (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	1930
				Planned Grazing System (No.) (528)	1
292	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	55.9
				Cover Cropping (Ac.) (340)	52
				Riparian Buffer (Ft.) (390/391)	500
293	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	24
				Cover Cropping (Ac.) (340)	17
				Riparian Buffer (Ft.) (390/391)	1223
294	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	54
				Cover Cropping (Ac.) (340)	44
				Riparian Buffer (Ft.) (390/391)	500
295	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	33
				Cover Cropping (Ac.) (340)	11.5

296	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	55
				Cover Cropping (Ac.) (340)	47
297	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	107.6
				Cover Cropping (Ac.) (340)	62
				Riparian Buffer (Ft.) (390/391)	166
298	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	38.8
				Cover Cropping (Ac.) (340)	38
				Riparian Buffer (Ft.) (390/391)	200
299	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	31.7
				Cover Cropping (Ac.) (340)	13
				Riparian Buffer (Ft.) (390/391)	100
300	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	33
				Cover Cropping (Ac.) (340)	8
301	Little Buffalo			Nutrient Management Plan (No.) (590)	1

				Residue Management (Ac.) (329)	55
				Cover Cropping (Ac.) (340)	32
302	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	76.1
303	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	52
304	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	162
305	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	73
				Cover Cropping (Ac.) (340)	3
306	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	51.7
				Cover Cropping (Ac.) (340)	22
				Riparian Buffer (Ft.) (390/391)	1300
307	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	53.9
				Cover Cropping (Ac.) (340)	25
				Waste Management System (No.) (312)	1

				Heavy Use Protection Area (No.) (561)	1
				Roof Runoff System (No.) (558)	1
308	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	20.3
				Cover Cropping (Ac.) (340)	13
309	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	10.4
				Cover Cropping (Ac.) (340)	5
310	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	240.8
				Cover Cropping (Ac.) (340)	144
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Riparian Buffer (Ft.) (390/391)	1100
				Planned Grazing System (No.) (528)	1
				Waste Storage Structure (No.) (313)	1
311	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	21

				Cover Cropping (Ac.) (340)	7.5
312	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	82.4
				Cover Cropping (Ac.) (340)	55
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	135
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	730
				Planned Grazing System (No.) (528)	1
313	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	40
				Cover Cropping (Ac.) (340)	9
314	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	94.9
315	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	124

				Cover Cropping (Ac.) (340)	36
				Riparian Buffer (Ft.) (390/391)	445
316	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	39
				Cover Cropping (Ac.) (340)	17
317	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11
				Cover Cropping (Ac.) (340)	4.6
318	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11.2
				Cover Cropping (Ac.) (340)	2.5
319	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	40
				Cover Cropping (Ac.) (340)	18
320	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	29
				Cover Cropping (Ac.) (340)	16
321	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	86.4

				Cover Cropping (Ac.) (340)	47
322	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	15
				Cover Cropping (Ac.) (340)	8
323	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	83.3
				Cover Cropping (Ac.) (340)	47
				Waste Management System (No.) (312)	1
				Heavy Use Protection Area (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
324	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	34
				Cover Cropping (Ac.) (340)	5.5
				Riparian Buffer (Ft.) (390/391)	1150
325	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	12
				Cover Cropping (Ac.) (340)	2.5

				Riparian Buffer (Ft.) (390/391)	2010
326	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11.5
				Cover Cropping (Ac.) (340)	2
327	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11
				Waste Management System (No.) (312)	1
				Heavy Use Protection Area (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
328	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	41.9
				Cover Cropping (Ac.) (340)	20
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	1100
				Stream Crossing (No.) (578)	1

				Stream Exclusion Fencing (Ft.) (382)	410
				Planned Grazing System (No.) (528)	1
329	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	58
				Cover Cropping (Ac.) (340)	21
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	450
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	450
				Planned Grazing System (No.) (528)	1
330	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	13.4
				Cover Cropping (Ac.) (340)	9
331	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	67
				Cover Cropping (Ac.) (340)	23

332	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	130
				Cover Cropping (Ac.) (340)	40.5
333	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	35
334	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	16.1
				Cover Cropping (Ac.) (340)	5.14
335	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11
				Cover Cropping (Ac.) (340)	5.9
336	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11
				Cover Cropping (Ac.) (340)	7.3
337	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	12.7
				Cover Cropping (Ac.) (340)	6.26
338	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	83.6

				Cover Cropping (Ac.) (340)	15.5
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	1900
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	2100
				Planned Grazing System (No.) (528)	1
339	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	73.1
				Cover Cropping (Ac.) (340)	58
340	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	15.9
				Cover Cropping (Ac.) (340)	0.75
341	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	81.9
				Cover Cropping (Ac.) (340)	50.2
342	Little Buffalo			Nutrient Management Plan (No.) (590)	1

				Residue Management (Ac.) (329)	33
343	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	63.8
				Cover Cropping (Ac.) (340)	3.5
344	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	38.5
				Cover Cropping (Ac.) (340)	15.3
345	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	158
				Cover Cropping (Ac.) (340)	75
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
				Riparian Buffer (Ft.) (390/391)	4508
				Stream Exclusion Fencing (Ft.) (382)	3351
Stream Crossing (No.) (578)	1				
346	Little Buffalo			Nutrient Management Plan (No.) (590)	1

				Residue Management (Ac.) (329)	83
				Cover Cropping (Ac.) (340)	0.25
347	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	45.4
				Cover Cropping (Ac.) (340)	19
348	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	20.3
				Cover Cropping (Ac.) (340)	7.5
349	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	41
				Cover Cropping (Ac.) (340)	30
350	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	58
				Cover Cropping (Ac.) (340)	40
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1

				Riparian Buffer (Ft.) (390/391)	5872
				Stream Exclusion Fencing (Ft.) (382)	5098
				Stream Crossing (No.) (578)	1
351	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	65.3
				Cover Cropping (Ac.) (340)	1
				Riparian Buffer (Ft.) (390/391)	2266
352	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	51.9
				Cover Cropping (Ac.) (340)	26
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	2
				Roof Runoff System (No.) (558)	2
				Planned Grazing System (No.) (528)	2
353	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	106
				Cover Cropping (Ac.) (340)	30
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1

				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
				Riparian Buffer (Ft.) (390/391)	1793
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	1393
354	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Waste Storage Structure (No.) (313)	1
				Heavy Use Area Protection (No.) (561)	1
				Residue Management (Ac.) (329)	29
				Cover Cropping (Ac.) (340)	22
				Riparian Buffer (Ft.) (390/391)	1949
				Stream Exclusion Fencing (Ft.) (382)	1949
355	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	19.8
				Cover Cropping (Ac.) (340)	7
356	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	17
				Cover Cropping (Ac.) (340)	5

357	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	19.8
358	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	19
				Cover Cropping (Ac.) (340)	19
359	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	37
				Cover Cropping (Ac.) (340)	5
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1
				Waste Storage Structure (No.) (313)	1
360	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	34.5
				Cover Cropping (Ac.) (340)	18
361	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	29.3
				Riparian Buffer (Ft.) (390/391)	1383

362	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	46.6
				Cover Cropping (Ac.) (340)	30
				Riparian Buffer (Ft.) (390/391)	1618
363	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	101.4
				Cover Cropping (Ac.) (340)	50
				Riparian Buffer (Ft.) (390/391)	5594
364	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	86
				Cover Cropping (Ac.) (340)	75
365	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	20.2
				Cover Cropping (Ac.) (340)	9.5
366	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	49
				Cover Cropping (Ac.) (340)	27
				Riparian Buffer (Ft.) (390/391)	1550
367	Little Buffalo			Nutrient Management Plan (No.) (590)	1

				Residue Management (Ac.) (329)	29.2
				Cover Cropping (Ac.) (340)	11
				Waste Management System (No.) (312)	1
				Heavy Use Protection Area (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
368	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	63
				Cover Cropping (Ac.) (340)	30
				Riparian Buffer (Ft.) (390/391)	241.5
				Stream Exclusion Fencing (Ft.) (382)	242
369	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	43
				Cover Cropping (Ac.) (340)	5
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1

				Riparian Buffer (Ft.) (390/391)	2372
				Stream Exclusion Fencing (Ft.) (382)	2372
				Stream Crossing (No.) (578)	1
370	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	11
371	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	83.9
				Cover Cropping (Ac.) (340)	65
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
372	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	43
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Planned Grazing System (No.) (528)	1

			Riparian Buffer (Ft.) (390/391)	1510
			Stream Exclusion Fencing (Ft.) (382)	914
373	Little Buffalo		Nutrient Management Plan (No.) (590)	1
			Residue Management (Ac.) (329)	44
			Cover Cropping (Ac.) (340)	20
			Riparian Buffer (Ft.) (390/391)	1988
374	Little Buffalo		Nutrient Management Plan (No.) (590)	1
			Residue Management (Ac.) (329)	38.2
			Cover Cropping (Ac.) (340)	10
			Waste Management System (No.) (312)	1
			Heavy Use Area Protection (No.) (561)	1
			Roof Runoff System (No.) (558)	1
			Waste Storage Structure (No.) (313)	1
			Planned Grazing System (No.) (528)	1
			Riparian Buffer (Ft.) (390/391)	897.3
			Stream Exclusion Fencing (Ft.) (382)	897.3
375	Little Buffalo		Nutrient Management Plan (No.) (590)	1
			Residue Management (Ac.) (329)	55
			Cover Cropping (Ac.) (340)	45

			Riparian Buffer (Ft.) (390/391)	1338
376	Little Buffalo		Nutrient Management Plan (No.) (590)	1
			Residue Management (Ac.) (329)	68.3
			Cover Cropping (Ac.) (340)	15
			Waste Management System (No.) (312)	1
			Heavy Use Area Protection (No.) (561)	1
			Roof Runoff System (No.) (558)	1
			Waste Storage Structure (No.) (313)	1
			Planned Grazing System (No.) (528)	1
			Riparian Buffer (Ft.) (390/391)	2330
			Stream Crossing (No.) (578)	1
			Stream Exclusion Fencing (Ft.) (382)	1165
377	Little Buffalo		Nutrient Management Plan (No.) (590)	1
			Residue Management (Ac.) (329)	33
			Cover Cropping (Ac.) (340)	5
			Waste Management System (No.) (312)	1
			Heavy Use Area Protection (No.) (561)	1
			Roof Runoff System (No.) (558)	1
			Waste Storage Structure (No.) (313)	1

				Planned Grazing System (No.) (528)	1
378	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	14
379	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	12
				Cover Cropping (Ac.) (340)	2
380	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	23
				Cover Cropping (Ac.) (340)	23
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Planned Grazing System (No.) (528)	1
381	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	93
				Cover Cropping (Ac.) (340)	15
				Riparian Buffer (Ft.) (390/391)	3334
382	Little Buffalo			Nutrient Management Plan (No.) (590)	1

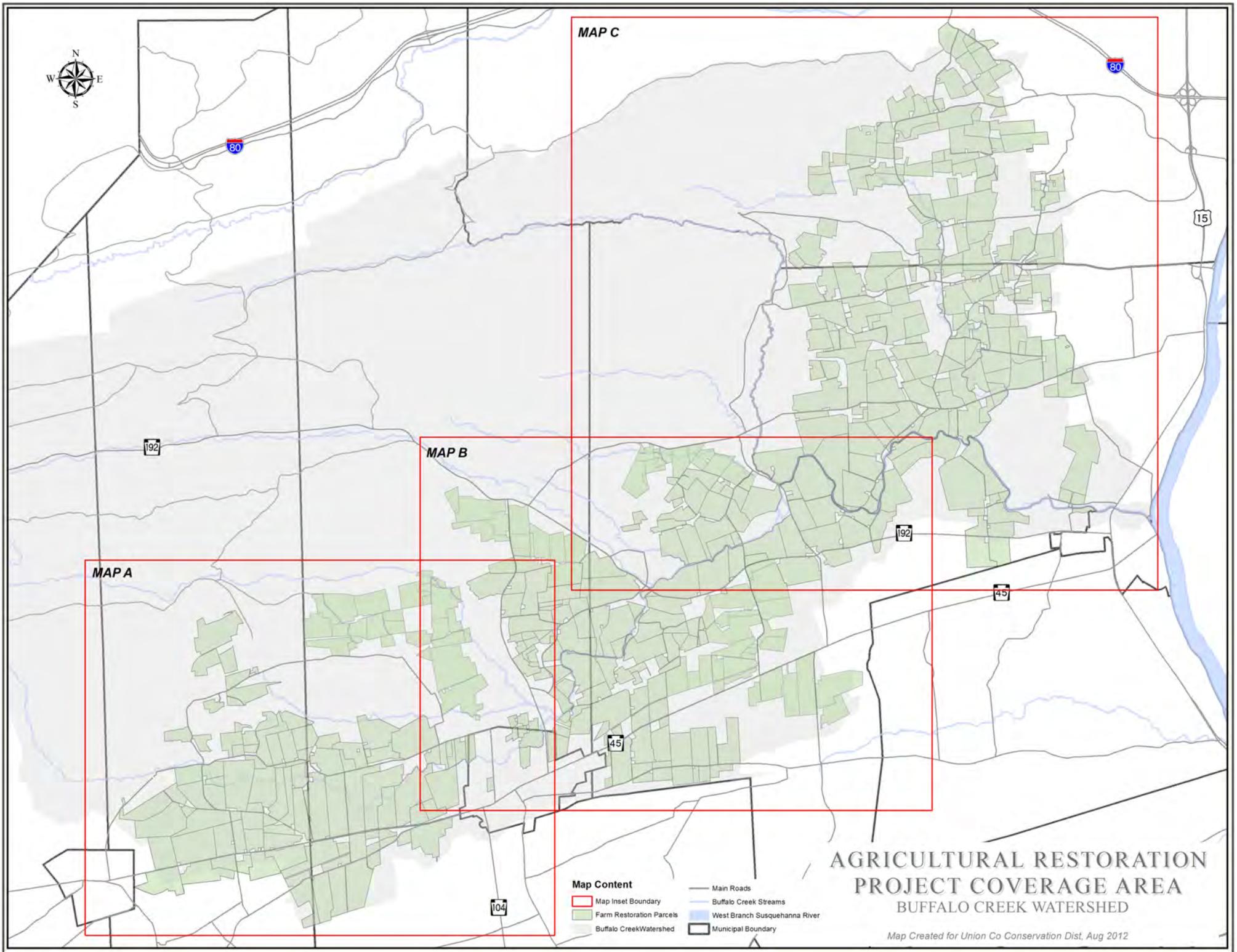
				Residue Management (Ac.) (329)	33
				Cover Cropping (Ac.) (340)	22
				Riparian Buffer (Ft.) (390/391)	2068
383	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	42.4
				Cover Cropping (Ac.) (340)	33
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	2420
				Stream Exclusion Fencing (Ft.) (382)	1210
				Planned Grazing System (No.) (528)	1
384	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	42
				Cover Cropping (Ac.) (340)	20
				Riparian Buffer (Ft.) (390/391)	3870
385	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	97.9

				Cover Cropping (Ac.) (340)	70
				Riparian Buffer (Ft.) (390/391)	1206
386	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	33
				Cover Cropping (Ac.) (340)	30
387	Little Buffalo			Nutrient Management Plan (No.) (590)	1
				Residue Management (Ac.) (329)	16
				Cover Cropping (Ac.) (340)	7
				Waste Management System (No.) (312)	1
				Heavy Use Area Protection (No.) (561)	1
				Roof Runoff System (No.) (558)	1
				Waste Storage Structure (No.) (313)	1
				Riparian Buffer (Ft.) (390/391)	961.9
				Stream Crossing (No.) (578)	1
				Stream Exclusion Fencing (Ft.) (382)	962
				Planned Grazing System (No.) (528)	1

**Attachment 3.**

Revised Figure(s) 3.1 Agricultural Restoration Projects  
(Legend and Maps A, B, and C)

Replaces Figure 3.1 on page 47 of the WIP



MAP C

MAP B

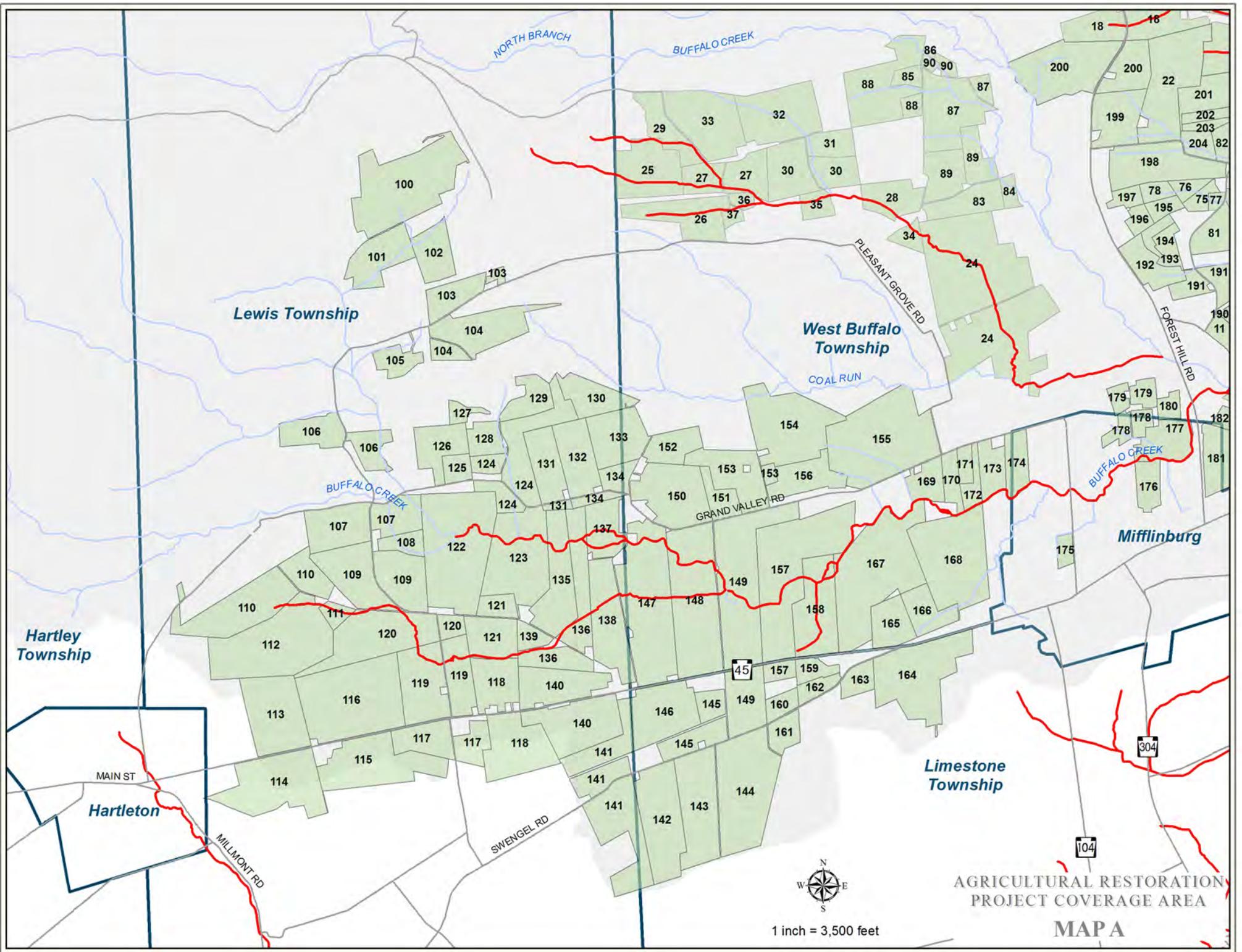
MAP A

**Map Content**

- Map Inset Boundary
- Farm Restoration Parcels
- Buffalo Creek Watershed
- Main Roads
- Buffalo Creek Streams
- West Branch Susquehanna River
- Municipal Boundary

**AGRICULTURAL RESTORATION  
PROJECT COVERAGE AREA  
BUFFALO CREEK WATERSHED**

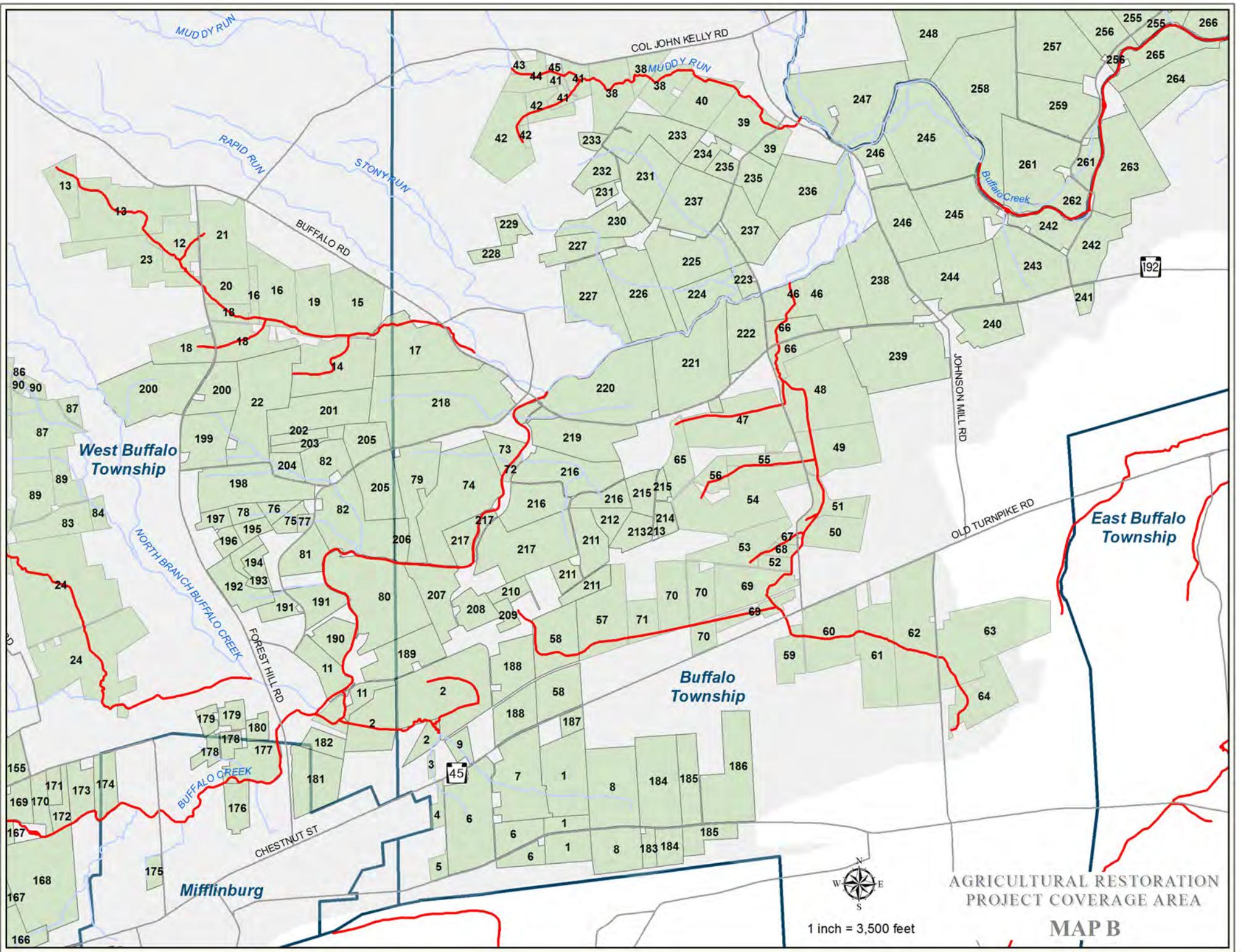
Map Created for Union Co Conservation Dist, Aug 2012



AGRICULTURAL RESTORATION  
PROJECT COVERAGE AREA

MAP A

1 inch = 3,500 feet

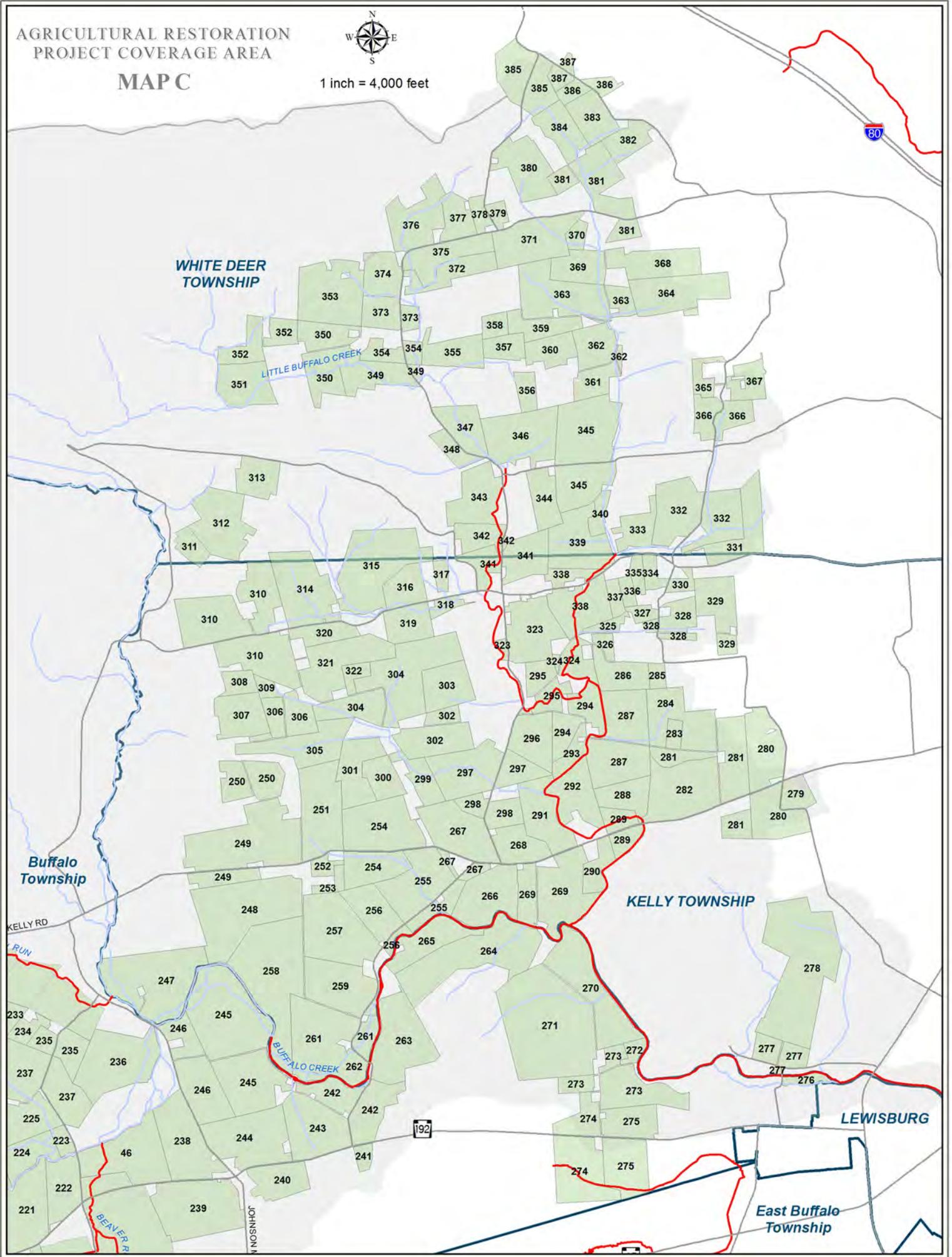


AGRICULTURAL RESTORATION  
PROJECT COVERAGE AREA  
**MAP B**

AGRICULTURAL RESTORATION  
PROJECT COVERAGE AREA

MAP C

1 inch = 4,000 feet



**Attachment 4.**

Revised Table 3.6 Subwatershed prioritization matrix

Replaces Table 3.6 on page 61 of the WIP

**Table 3.6** Subwatershed prioritization matrix (replaces Table 3.6 on page 61 of the WIP)

Restoration Impact				Restoration Potential									
Rank each column in order of importance with 12 being the most and 1 being the least	12	11	8	10	3	5	1	4	9	7	6	2	Multiply ranking by score
Tributary Name	Level of Tributary Impairment	Impact of Impairment on Main Stem	# of Sites for Potential Recovery	Modeling Results - Potential for Improvement	Stakeholder Involvement	Site Access	% Public Access	Suitability for Restoration Goal	Ecological Benefit of Restoration	Financial Feasibility	Technical Feasibility	Socio-economic Benefit of Restoration	TOTAL
<i>Beaver Run</i>	36	11	24	30	3	10	1	8	18	14	12	4	171
<i>Black Run</i>	12	11	8	10	3	5	1	4	9	7	12	2	84
<i>Buffalo Main</i>	36	33	24	30	9	10	2	12	27	7	18	6	214
<i>Buffalo N. Branch</i>	12	11	8	10	9	10	2	8	18	14	12	4	118
<i>Coal Run</i>	36	11	16	20	6	10	1	12	18	14	12	4	160
<i>Little Buffalo</i>	36	22	24	20	6	10	1	8	9	14	12	4	166
<i>Muddy Run</i>	36	11	16	20	6	10	1	12	18	14	12	4	160
<i>Panther Run</i>	12	11	8	10	3	15	3	4	9	7	6	2	90
<i>Rapid Run</i>	12	11	16	10	6	10	2	8	18	21	12	4	130
<i>Spruce Run</i>	12	11	8	10	6	10	3	4	9	14	12	4	103
<i>Stony Run</i>	12	11	8	10	3	5	1	4	9	7	6	2	78

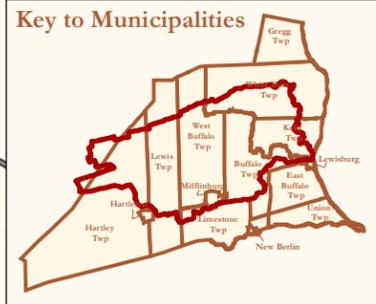
**Attachment 5.**

Revised Appendix A. DEP Impaired Streams: 2012

Replaces Appendix A. on page 71 of the WIP

# DEP Impaired Streams: 2012

## BUFFALO CREEK WATERSHED



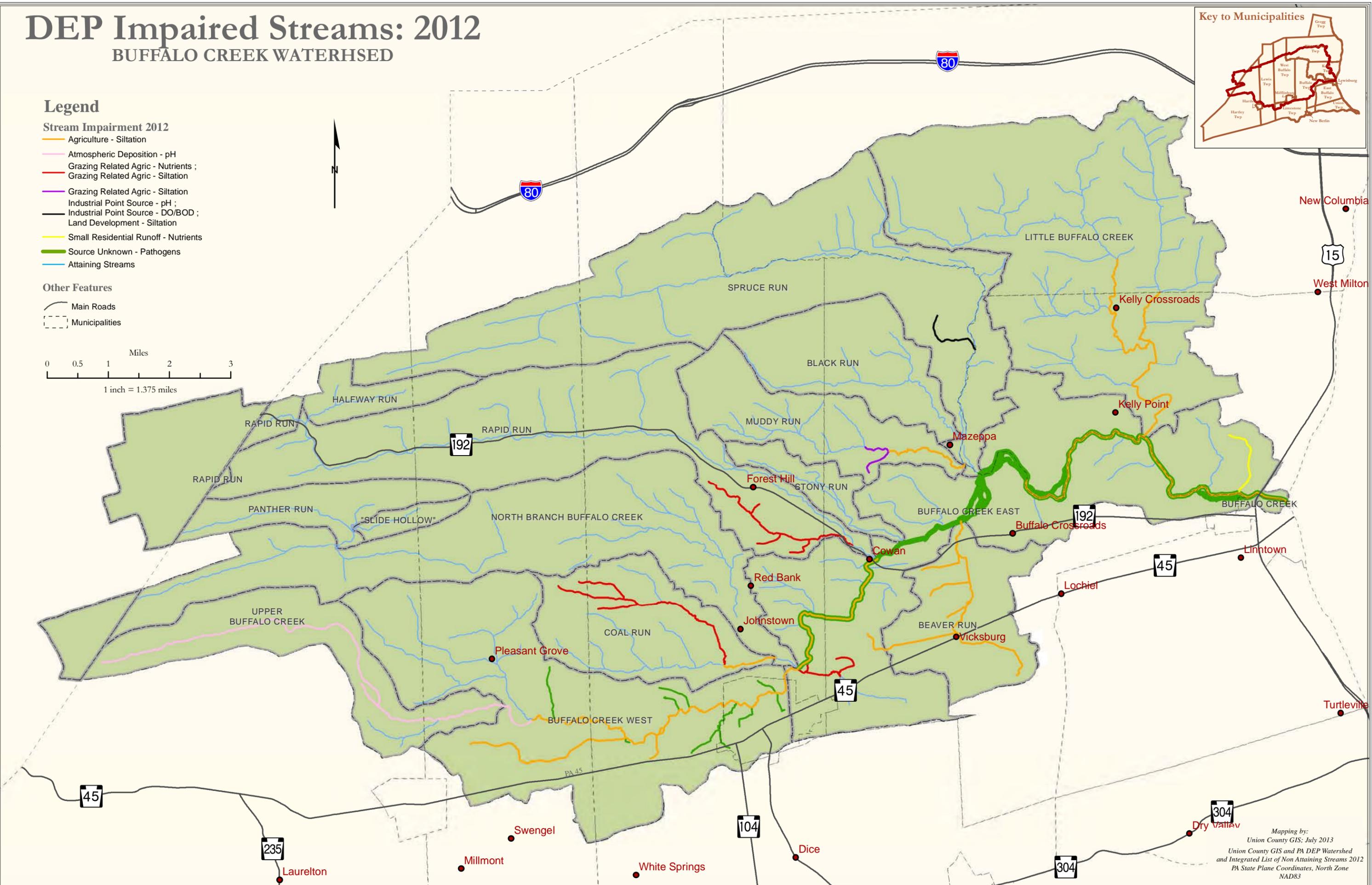
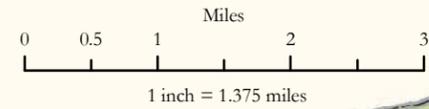
### Legend

#### Stream Impairment 2012

- Agriculture - Siltation
- Atmospheric Deposition - pH
- Grazing Related Agric - Nutrients ;  
Grazing Related Agric - Siltation
- Grazing Related Agric - Siltation
- Industrial Point Source - pH ;  
Industrial Point Source - DO/BOD ;  
Land Development - Siltation
- Small Residential Runoff - Nutrients
- Source Unknown - Pathogens
- Attaining Streams

#### Other Features

- Main Roads
- Municipalities



Mapping by:  
 Union County GIS; July 2013  
 Union County GIS and PA DEP Watershed  
 and Integrated List of Non Attaining Streams 2012  
 PA State Plane Coordinates, North Zone  
 NAD83