

Lake Redstone Watershed Agricultural Inventory

Lake Redstone Protection &
Rehabilitation District
Wisconsin DNR Planning
Grant Project

LaValle, Wisconsin 53941

MSA Project No. 649602

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EXECUTIVE SUMMARY

An agricultural inventory of the Lake Redstone watershed was performed in 1996. Both current land use and potential nutrient loading from livestock operations to the lake were examined, similar to what was performed in 1984 as part of the Priority Watershed Program. The results of this latest inventory identified opportunities for reducing nutrient loading from the watershed to the lake, and showed changes in the status of the watershed since 1984. These inventories have been part of the Lake Redstone Protection and Rehabilitation District's efforts to improve water quality in the lake. The Lake District hopes to work with the farmers to reduce nutrient loading to the lake, but not conflict with the economic viability of the agriculture community. Overall, the District received excellent cooperation and feedback from farming operations in the watershed.

The implementation of nutrient best management practices and changes in farming within the watershed have reduced nutrient loading to the lake. Between 1984 and 1996, there was a 63% reduction in potential phosphorus loading from livestock within the watershed. This result is consistent with the water quality modeling of Lake Redstone performed by the Wisconsin Department of Natural Resources in 1997. That modeling showed an improvement in water quality suggesting a nutrient reduction of approximately seventy percent into the lake.

This inventory identifies opportunities for further reduction in nutrients from livestock and shows how the application of different best management practices can impact potential phosphorus loading. An analysis of some of the livestock operations which have the highest potential nutrient loading from animal waste showed the relative value of gutters to reduce water moving through barnyards. The model projected a reduction of more than 225 pounds of phosphorus loading potential from the installation of gutters on six farms which had relatively high phosphorus loading potential. Further reductions in phosphorus loading potential would occur with implementation of other management practices, or extending the installation of gutters to other barnyards.

The watershed remains a significant source of nutrients to the lake, even with the reductions since 1984. Considering the relatively large size of the Lake Redstone watershed, this is not surprising. However, the phosphorus from livestock is not the only component of watershed impacts. Sediment from soil erosion, phosphorus in groundwater, and phosphorus recycled from lake sediments are all sources of nutrients to the lake. Opportunities to reduce phosphorus from any of these pathways has the potential to lower the productivity, and increase the water quality of the lake.

INTRODUCTION

BACKGROUND

Lake Redstone is a 612 acre lake in Sauk County. The Lake was formed in 1965 with a dam on Big Creek, a tributary of the Baraboo River (Figure 1). The lake is approximately 3.7 miles long and 0.3 miles wide. It has a maximum depth of 36 feet.

Water quality problems, such as algal blooms during the summer and sedimentation in the shallow bays, were observed shortly after the lake was filled. In 1976, the Lake Redstone Protection and Rehabilitation District was formed by the lake residents for restoration and protection of water quality in the lake. Since that time, the District has performed water quality monitoring and has initiated several studies of the lake's water quality. In general, these studies have shown some farming operations in the watershed have been progressive in their implementation of conservation practices, but lake water quality continues to be impacted by the release of nutrients and sediment from the watershed.

The Lake Redstone Protection and Rehabilitation District obtained a lake planning grant from the Wisconsin Department of Natural Resources to perform an inventory of agricultural operations within the watershed. In 1996, they contracted with Mid-State Associates Inc. (now MSA Professional Services, Inc.) (MSA) to perform the agricultural inventory. The inventory determines the potential for nutrient impacts from barnyards within the watershed and compares the results to a similar study performed in 1984.

WATERSHED CHARACTERISTICS

The Lake Redstone watershed is the approximate 30 square mile upland area which drains into the lake. The watershed is in both Sauk and Juneau Counties. This is a relatively large watershed and it has considerable agricultural land usage. The University of Wisconsin Water Resources Management Workshop studied Lake Redstone in the early 1980's (UW WRM, 1981) and concluded that the watershed was a principal contributor of nutrients to the lake. The study estimated surface runoff from the watershed contributed 55% of the total phosphorus entering the lake.

Over time, the land use in the watershed has changed. A 1996 reconnaissance of the watershed as part of the agricultural inventory found an estimated 15-20% of the watershed was cropland. In contrast, approximately 45% of the watershed was cropland in 1981 (UW WRM, 1981). Livestock animal units have also decreased 28% from 1984 to 1996 (this report).

LAKE WATER QUALITY

Lake Redstone is a reservoir which has a relatively large watershed area. As a result, water quality problems commonly associated with nutrients and sediment appeared shortly after the lake was formed. Many of these problems, including algal growth, reduced water clarity and low levels of oxygen in the deeper portions of the lake, are symptoms of eutrophication. Eutrophic lakes exhibit the biological effects of an increase in the concentration of plant nutrients. Excessive nutrients can result in excessive algae growth which reduces water clarity. The decomposition of excessive organic matter which settles in the lake can result in periods of low oxygen. The absence of mixing between the more oxygenated lake surface and the low oxygen bottom waters contributes to oxygen depletion in the lower waters of eutrophic lakes particularly late in the growing season.

Many indicators of eutrophication have been observed in Lake Redstone. The 1981 UW WRM Study reported an average phosphorus (P) concentration of 33 $\mu\text{g/L}$ for the lake in the late 1970's. This concentration suggests an elevated biological productivity. The UW WRM Study also reported an average summer chlorophyll a of 22.5 $\mu\text{g/L}$ and Secchi depth of 1.5-3.4 m. These measures have been used to develop a Trophic State Index (TSI) to compare levels of observed biological productivity. In a 1986 watershed project for the Crossman Creek - Little Baraboo River calculated a TSI for Lake Redstone of 65.

Phosphorus is often the nutrient of greatest concern because when abundant, it can trigger the increased biological productivity. Within the Lake Redstone watershed, phosphorus sources to the lake include animal waste, eroded soil, and groundwater which contains phosphorus. Phosphorus can be difficult to study and evaluate because it can exist in different chemical forms. Phosphorus can be dissolved and readily available for algae, or it can be attached to soil particles and only slowly available. While eroded soil may contain phosphorus which is temporarily unavailable to aquatic life, it can accumulate in lake sediments and slowly undergo chemical changes to release into a soluble form which serves as an internal source of phosphorus loading to the lake.

PAST ACTIONS TO IMPROVE WATER QUALITY

Conditions within the Lake Redstone watershed were assessed by the Priority Watershed program in 1981. This non-point source pollution control program administered by the WDNR resulted in the Baraboo/Crossman Creek Priority Watershed Planning Study (1982). Field staff of Juneau and Sauk Counties Land Conservation Departments assessed barnyards within the watershed in 1984. Data was collected to estimate the nutrient loading based on the amount of manure on the lot and the volume of runoff. A revised version of the Department of Agriculture Model "ANIMODEL" was used to quantify loading from barnyards located in the priority watershed. The Study identified potential sources of nonpoint nutrient loading within the watershed. Subsequent implementation of best management practices (BMPs) for reducing nutrient loading to Lake Redstone reportedly fell short of goals, but did cause a reduction in the nutrient inputs to the lake (WDNR, 1997).

The Lake Redstone Management District has established several programs within the watershed to assist the implementation of BMPs. Recently, for example, the District has provided funding for farmers to add gutters onto barns in hopes of reducing the volume of water which comes directly in contact with animal waste. Lands surrounding the lake have been inspected to identify needed correction to minimize erosion, silt deposits, and a priority list has been established to stabilize sites in a logical manner.

A fish survey was conducted by WDNR in 1993 and consisted of late-spring fyke netting for panfish. A spring and fall boomshocking survey was conducted for other fish. The results were compiled in a correspondence/memorandum dated November 1, 1995. DNR Water Resources monitored the lake from 1986 to 1993 and reported low winter and summer dissolved oxygen levels. These levels are detrimental to sport fishing; however the results suggested a good sport fishery existed in Lake Redstone, in spite of poor water quality. The report indicated the fishery improved since the last survey conducted in the mid 1970s.

STUDY PURPOSE AND METHODS

The purpose of the study is to evaluate phosphorus loading from livestock operations in the watershed and relate the results to the 1984 Agricultural Inventory and the 1997 Water Quality Model Study.

This study collected data from the watershed in 1996 to evaluate trends in nutrient phosphorus loading from agricultural operations. Phosphorus from agricultural operations can come from both sediment erosion and manure/barnyard runoff, but in this study, only the manure/barnyard component was assessed.

The phosphorus attributable to animal manure and barnyards is based on livestock numbers, livestock types and characteristics of the barnyard and relationship to the watershed. Both the total and changes in livestock animal units and the corresponding effect on phosphorus loading were determined.

This study also ranked the livestock operations within the watershed according to their potential for nutrient phosphorus loading. Each livestock operation was evaluated for increasing/decreasing phosphorus loading trends from 1984 to 1996. Nutrient phosphorus loading is also evaluated within sections of the watershed. These subwatersheds vary in their potential impact on the lake because of variations in size and land use within them.

It is important to note that the total estimates of phosphorus loading in this report are the potential annual loading rates into Lake Redstone. The data presented should be valuable in evaluating trends, but should not be considered to quantify actual loading. The amount which actually enters the surface waters will be affected by numerous other factors including: topography, size, and land use of downgradient areas and proximity to streams, which are not included in this model.

The report presents relatively detailed tables showing the estimates of nutrient potential for each livestock operation. The names of operators have been intentionally omitted. More detail on the computations are also provided in the Appendices.

AGRICULTURAL WATERSHED INVENTORY

AGRICULTURAL LAND USE

Reconnaissance of the watershed to determine the location of farming operations and land use in 1996 was completed and used to estimate current land use in the watershed. MSA interviewed over 50 farmers in the watershed to obtain information on current BMPs for their cropping practices. MSA delineated cropland and existing crops for 1996 and used this information to evaluate changes in agricultural land use. This updated field information was used to compare present agricultural land use to information obtained from previous work of the Water Resources Management Program (UW WRM, 1981).

The study identified trends of agricultural land usage between the time of this study and the 1984 inventory (from early 1980s to 1996). In 1981, 45 % of total land usage in the watershed was cropland and 20% was pasture or pasture/woodlot (UW WRM, 1981). MSA conducted a site reconnaissance to delineate cropland and CRP, and estimated approximately 15 to 20% of the land use in 1996 was cropland, of which approximately 25 to 30% of that total was enrolled in the Conservation Reserve Program (CRP). The CRP is a federal government program which pays landowners to plant erosive fields to grass or trees for 10 years, thus reducing erosion to very low levels.

Figure 2 depicts the location of the three principal types of current agricultural land usage: 1) operations participating in the Priority Watershed Programs; 2) operations not participating in the Priority Watershed Programs; and, 3) CRP land. The Priority Watershed Programs provide grants to assist installing Best Management Practices (BMPs), which reduces impacts to streams, lakes or groundwater. Examples of existing BMPs for land conservation in the watershed include: contour strip cropping, reduced tillage and no-till. Examples of existing BMPs for barnyard runoff management systems in the watershed include: barnyard improvements, manure containment, diversion berms and vegetative filter strips.

AGRICULTURAL LIVESTOCK

Livestock within the watershed were inventoried because animal waste is a source of phosphorus within the watershed. The livestock inventory was updated in 1996 by interviewing livestock producers. This data was converted into animal units using the Wisconsin Barnyard Runoff (BARNY) computer model. Table 1 summarizes the livestock units within the watershed and distinguishes between livestock for beef, dairy and other categories.

As can be seen in Table 1, there has been a significant reduction in the numbers of livestock within the watershed between 1984 and 1996. Total animal units within the watershed decreased from 2,481 (1984) to 1,778 (1996), a 28 % decrease (Table 1 and Figure 3). The dairy livestock type is the largest group, comprising approximately two thirds of the livestock present (Figure 4). Beef cattle make up

approximately one quarter of the total livestock. Figure 3 shows the 28% reduction in total animal units over that time period. Figure 4 shows the distribution of changes. Beef and dairy livestock animal units decreased 24% and 23%, respectively.

A detailed description of each livestock operation inventoried is shown in Table 2. The operations are identified using the County Land Conservation parcel numbers. Between 1984 and 1996, approximately one quarter of the parcels had an increase in animal units, one quarter had no change in the number of animal units and one half of the parcels had a decrease in animal units. Seventeen parcels which had raised livestock in 1984 were not raising livestock in 1996

Discussions with livestock producers suggest that livestock numbers will continue to decrease, particularly in the small dairy sector; however, one large (500+ cows) dairy operation was noted a short distance north of the Lake Redstone watershed. Operations on this scale could change the trend towards decreasing livestock numbers. Operation of this size, however, are more closely regulated by state agencies in order to minimize impacts from animal wastes.

POTENTIAL PHOSPHORUS LOADING

The potential phosphorus loading from the watershed was determined from an inventory of barnyards and application of a phosphorus release model. Individual barnyards were examined and specific information about each compiled. This data was used to apply the BARNY Model to project phosphorus loading and potential oxygen demand values from barnyards.

Throughout this report, the data collected in 1996 (Fall, 1996 and Winter 1996/1997) is compared to similar data collected by County Land Conservation staff and reported in the 1984 Priority Watershed report. Because the results of the 1984 Study used a different computer program ("ANIMODEL") in its calculations, the 1984 data was recalculated using the BARNY model for this report.

Phosphorus Loading Trends

Table 3 documents the changes in phosphorus loading trends from the barnyards over time. There has been an overall reduction in phosphorus loading of 63% from 1984 to 1996 (3,416 lbs in 1984 decreasing to 1,254 lbs in 1996). This reduction can partially be attributed to a 28% reduction in livestock numbers and partially to BMPs for livestock management implemented since 1984.

Phosphorus Loading Classification

The phosphorus loading potential estimated with BARNY was used to categorize the farms into three classes: Class 1 operations have a potential for over 45 pounds of phosphorus loading annually; Class 2 operations have a potential for 15-45 pounds annually; and Class 3 operations have a potential of less than 15 pounds annually.

The largest proportion of total phosphorus loading in the watershed is from the Class 1 livestock operations. Table 3 and Figure 5 show that in 1996, 75% of the potential phosphorus loading from animals was attributed to the Class 1 operations, although only 11 of the 71 farming operations examined were in the Class 1. In 1984, 28 of the farms were in the Class 1 for phosphorus loading potential, and they contributed 82 % of the potential phosphorus loading from animal waste.

More detailed summaries of the farming operations as determined using the BARNY model are shown in Tables 4 and 5. Table 4 presents the distribution of farming operations in the phosphorus loading classes as they were ranked in 1984 and compares the results to those obtained in 1996. Table 5 shows the same data, but presents the results as they ranked in 1996. Appendix A contains the results from BARNY calculations of individual farms for 1984; while Appendix B contains the 1996 results.

Overall, the ratio of phosphorus loading to animal units decreased from 1.3 in 1984 to 0.7 in 1996. This likely reflects both the installation of BMPs which reduce the phosphorus loading potential, and growth of some farms and attrition of others. Table 5 shows the changes in phosphorus per animal unit for the Class 1 and Class 2 operations. For the farming operations which are ranked as Class 1 phosphorus loading potential, the change in the average ratio went from 1.21 to 1.16 between 1996 and 1984, and seven of the eleven farming operations in that Class had a ratio greater than 1.0 in 1996 (Table 10). This suggests that some of the farms which remain in Class 1 still provide some opportunities to reduce phosphorus loading potential through BMP installation. In contrast, the farms which are in Class 2 in 1996 had an average phosphorus to animal unit ratio of 0.68, a reduction from 1.48 for those farms in 1984. Only three of the ten farms in the Class 2 category had a ratio greater than 1. This suggests that many of the farms in the Class 2 category have implemented BMPs which provided a significant reduction in the phosphorus loading potential.

Phosphorus Loading Trends in Subwatersheds

The Lake Redstone watershed has been divided into different subwatersheds as shown in Figure 6. The phosphorus loading potential model results were divided to show the contribution within each subwatershed in Table 6 and Figure 7. The West Branch, which encompassing approximately 54% of the total watershed, had 63% of the potential phosphorus loading. The East Branch is the second largest subwatershed, and while it had the second largest phosphorus loading potential and 16% of the total in 1984, it had only 6% of the total in 1996 and follows the Martin Meadowlark and Southwest watersheds in 1996. Figure 6 shows the phosphorus loading potential for each subwatershed, and Table 7 shows more detail on the phosphorus potential within each subwatershed.

Management Practices for Phosphorus Load Reduction

Interviews with livestock operators were conducted to evaluate present and proposed best management practices (BMPs). Table 8 shows the status of improvements for barnyards. Some of these improvements have already been installed, others are planned or recommended.

An example of how different BMPs can affect potential phosphorus loading from a farming operation is shown in Table 9. For a range of improvements to parcel 152C in Juneau County, the potential phosphorus loading ranges from 53 pounds per year to less than 2. Relatively significant reductions in phosphorus loading potential can be achieved through a single BMP, such as gutters or buffer strips. In the case of gutters, the Lake District has already implemented a gutter installation program for livestock operations.

The importance of single BMPs such as gutters and buffer strips can be seen in Figure 8 which shows the effect of single BMP installations for six of the Class 1 farming operations. Installation of gutters on these farms could reduce the phosphorus loading potential of those farms by 225 pounds annually. That would represent an almost 18% reduction in phosphorus loading potential for the entire watershed, and reduce the ratio of phosphorus to animal units for the Class 1 operations from the present 1.16 to 0.88.

SUMMARY

An agricultural inventory was performed to evaluate trends in agricultural land use and assess nutrient loading from livestock operations to Lake Redstone. The computer model BARNY was selected to evaluate the results. Data was collected in 1984 and 1996 from livestock operations to order to rank nutrient loading and evaluate trends in the watersheds.

The results of the agriculture inventory indicated significant changes in land use from 1984 to 1996. Approximately 45% of the watershed was cropland in 1984 and this usage dropped to approximately 15-20% in 1996. During that same time, the number of animal units decreased by 28%.

The results indicate a 63% reduction in potential phosphorus loading from animal operations from 1984 to 1996. Although 11 of the livestock operations within the watershed had a potential phosphorus load greater than 45 pounds per year in 1996, this is a decrease from 28 farms in that category in 1984. An evaluation with the BARNY model demonstrates how the implementation of single or multiple BMPs on these sites in particular can result in significant reductions to the phosphorus loading potential within the watershed. For example, installation of gutters on six of those Class 1 operations would have the potential to effect an 18% reduction in the total phosphorus loading from animal waste in the entire watershed.

The results of the agriculture inventory are generally consistent with the observations of the 1997 DNR Water Quality Modeling Study. In that Study, water quality and measured loading of phosphorus to the lake suggested a seventy percent reduction in phosphorus was achieved within the watershed. Although the agricultural inventory described here did not evaluate total phosphorus to the lake and focused on the animal waste contribution, it may serve as a general indicator of agriculturally related phosphorus release from the watershed. The reduction in phosphorus from animal units reflects both reduction in animal numbers and the use of BMPs by farmers in the watershed. Together, these reductions appear to be improving water quality in Lake Redstone.

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LAKE REDSTONE PROTECTION AND REHABILITATION DISTRICT
 JUNEAU AND SAUK COUNTIES, WISCONSIN
 WATERSHED AGRICULTURAL INVENTORY

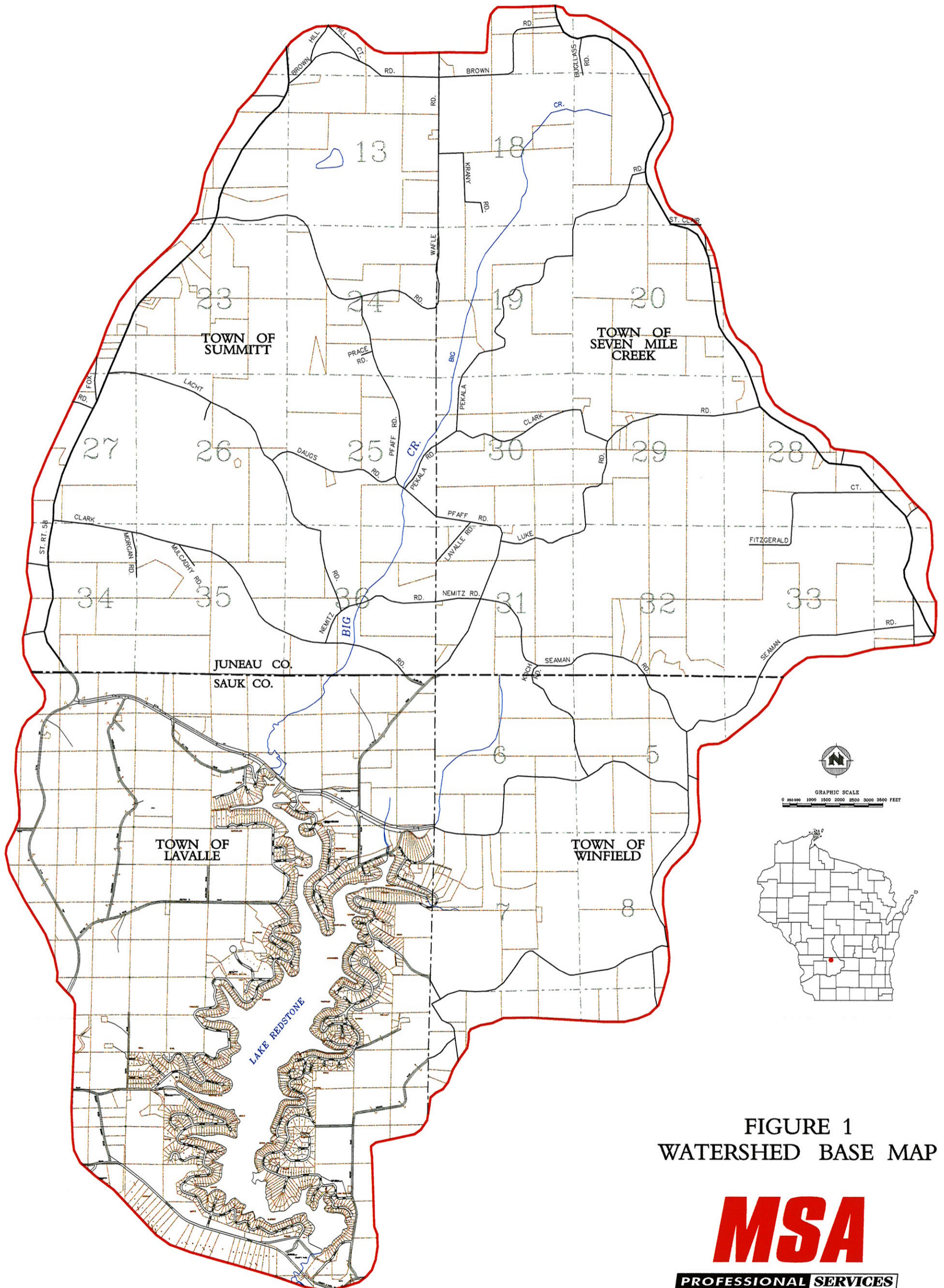


FIGURE 1
 WATERSHED BASE MAP

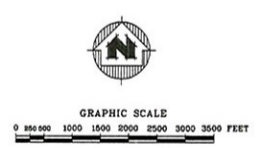
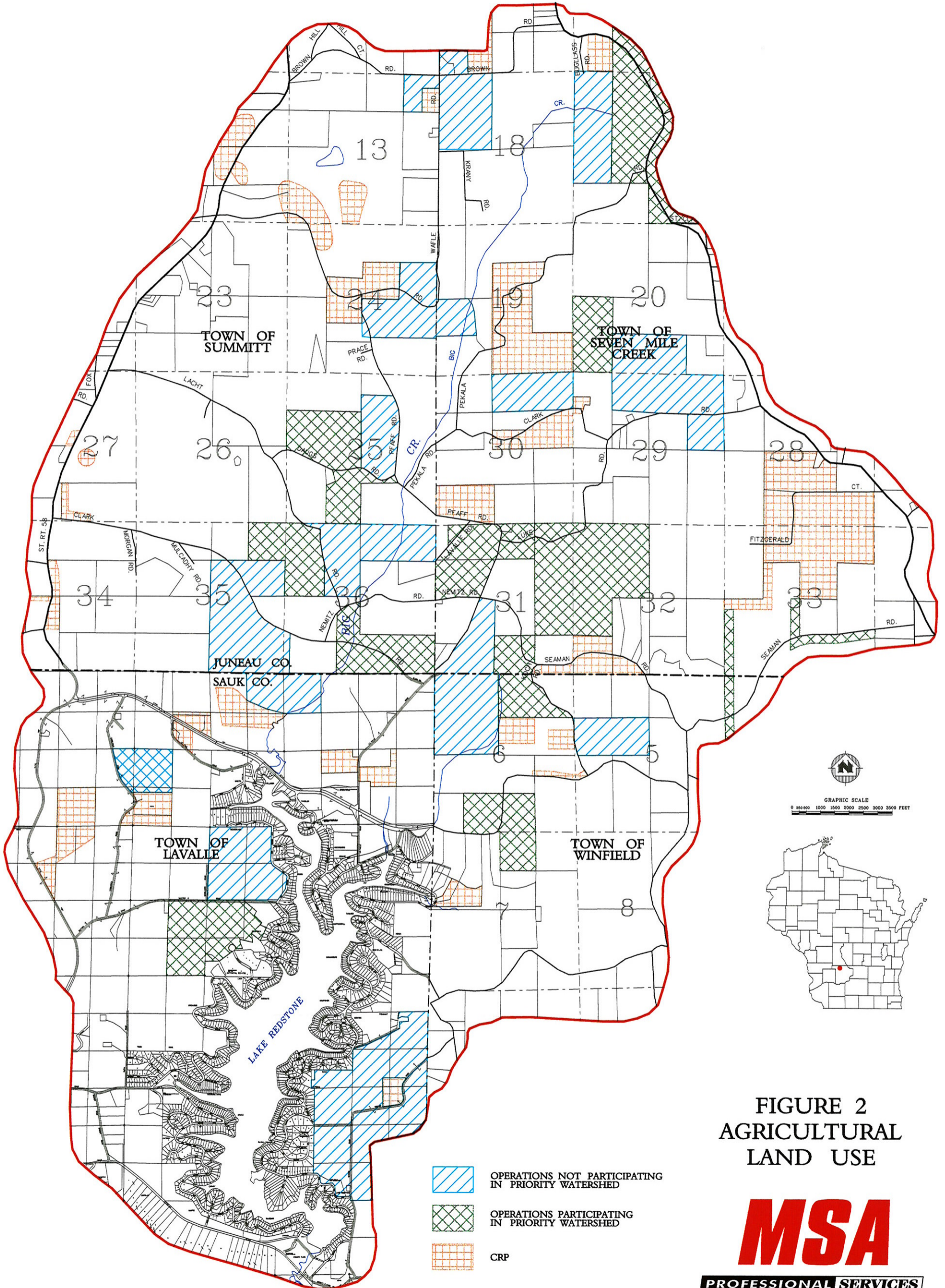
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 DATA: COMPILED BY SAUK CO. AND ROCKFORD MAP

LAKE REDSTONE PROTECTION AND REHABILITATION DISTRICT JUNEAU AND SAUK COUNTIES, WISCONSIN

WATERSHED INVENTORY PROJECT



**FIGURE 2
AGRICULTURAL
LAND USE**

- OPERATIONS NOT PARTICIPATING IN PRIORITY WATERSHED
- OPERATIONS PARTICIPATING IN PRIORITY WATERSHED
- CRP

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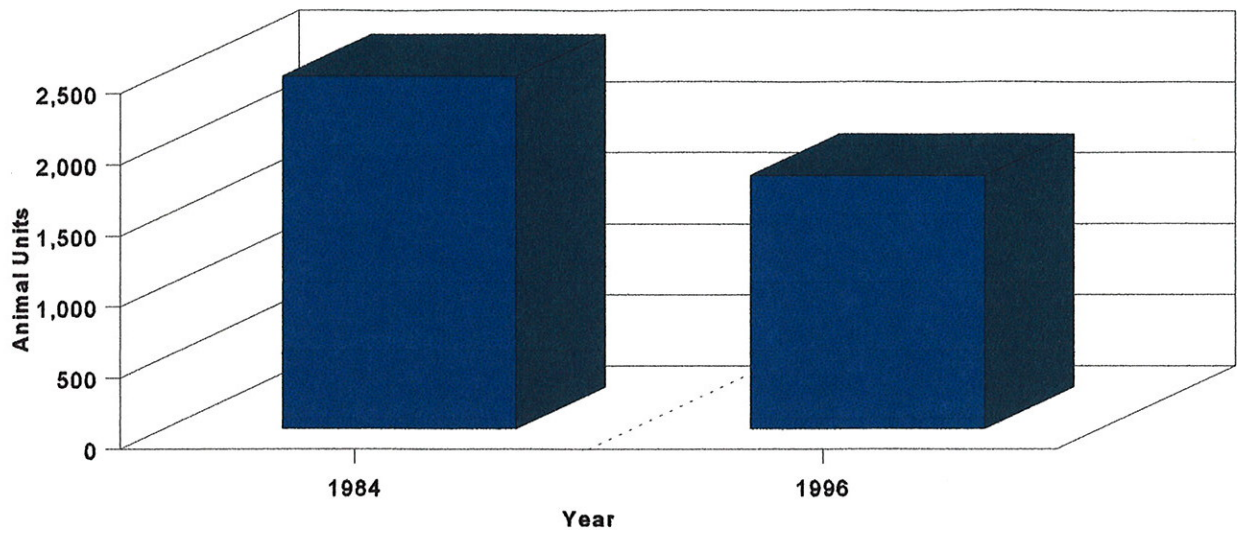


Figure 3. Total Livestock Trend in the Watershed

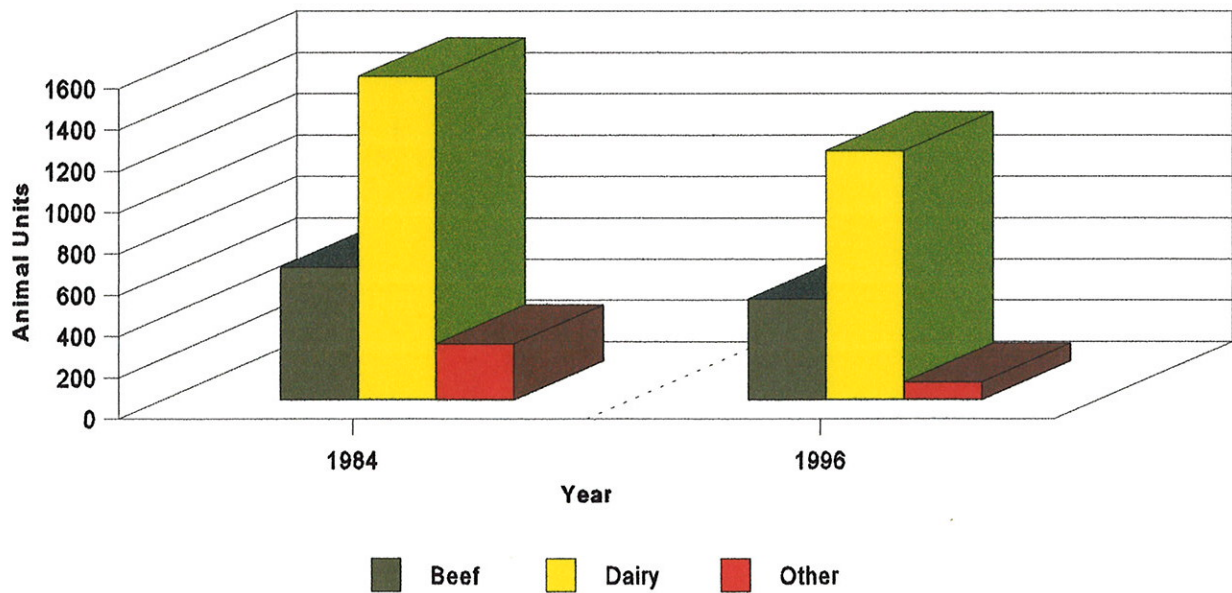


Figure 4. Distribution of Livestock by Type and Change from 1984 to 1996.

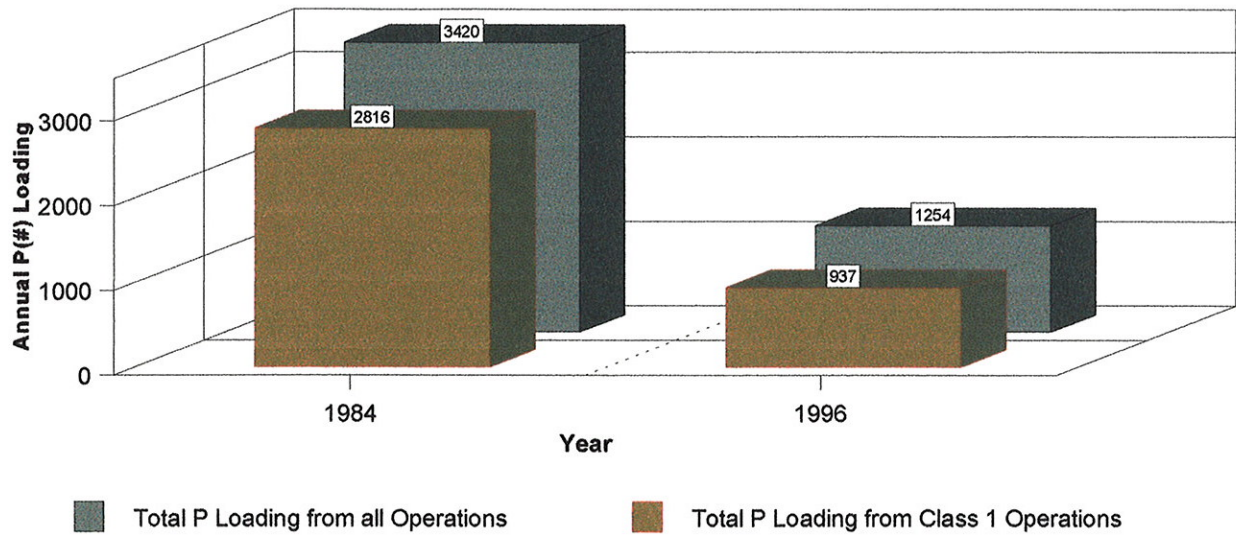


Figure 5. Phosphorus Loading Potential for Class 1 Operations and the Total Watershed.

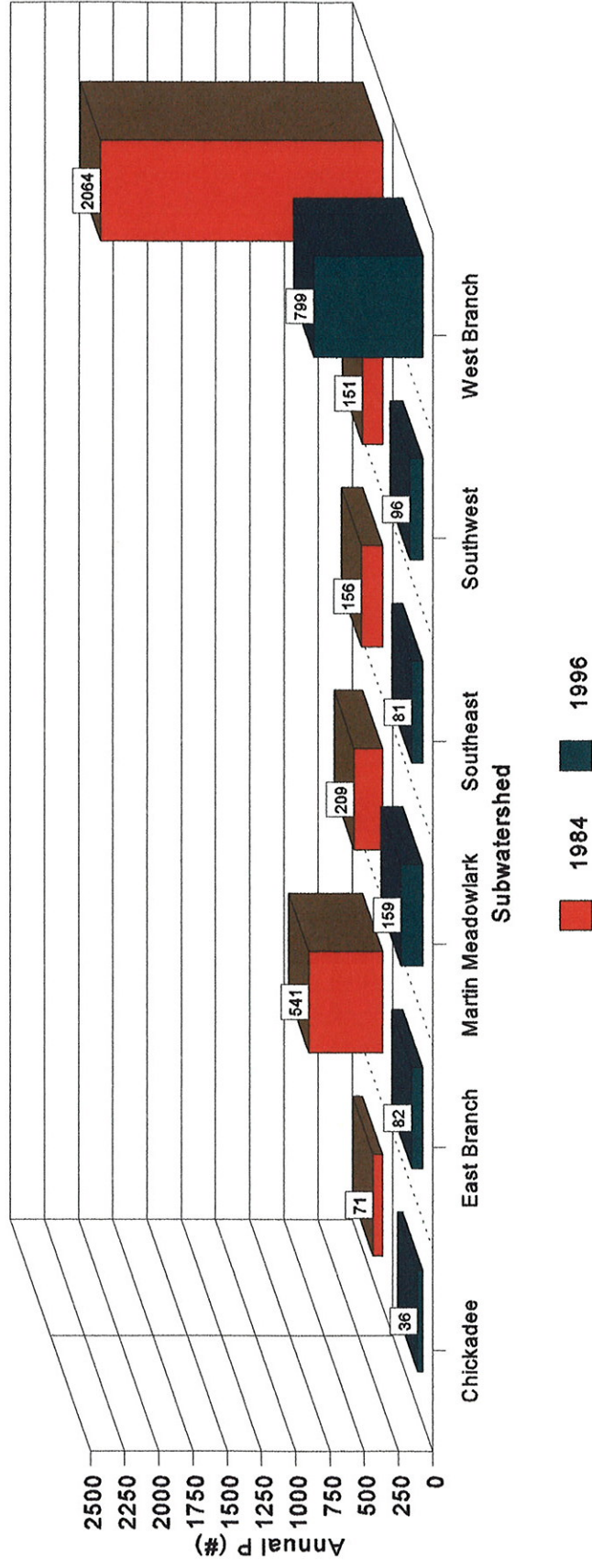


Figure 6 Phosphorus Loading Trends for Barnyards within Subwatersheds

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 JUNEAU AND SAUK COUNTIES, WISCONSIN
 WATERSHED AGRICULTURAL INVENTORY

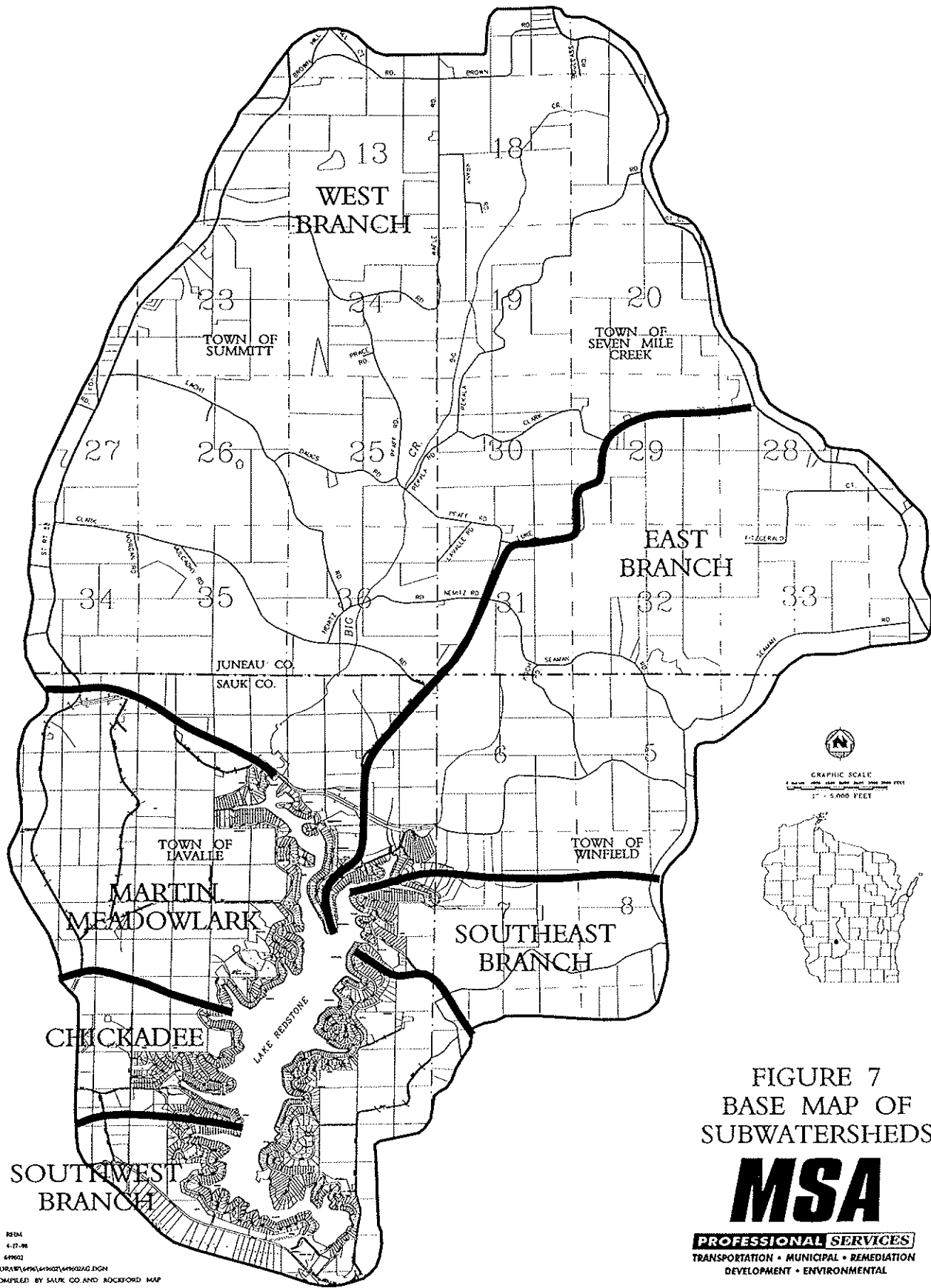


FIGURE 7
 BASE MAP OF
 SUBWATERSHEDS

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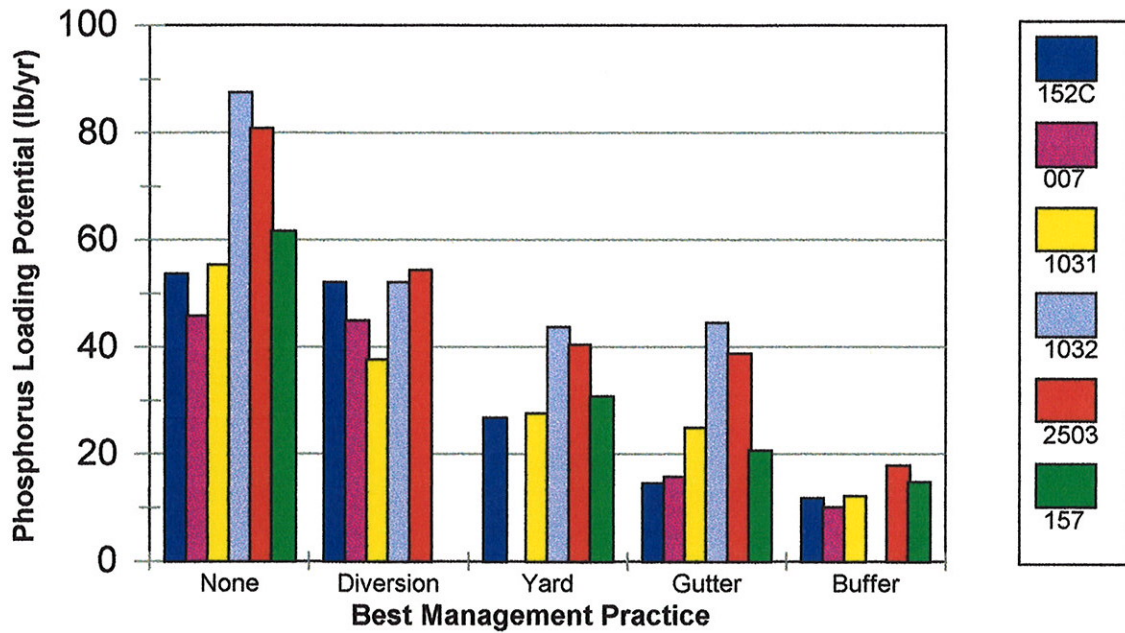


Figure 8. Impact of Single BMPs on Phosphorus Loading Potential for Six Class 1 Parcels

TABLE 1
Lake Redstone Watershed
Agricultural Inventory
Livestock Types and Trends Summary
(Animal Units)

Type	Year		%
	1984	1996	Change
Beef	643	487	(24)
Dairy	1,567	1,206	(23)
Other	271	85	(69)
TOTAL	2,481	1,778	(28)

**TABLE 2
Lake Redstone Watershed
Agricultural Inventory
Juneau County
Livestock Types and Trends Detail
Livestock (Animal Units)**

County	Parcel No.	1984 Animal Operation				1996 Animal Operation				Tributary
		Animal Type	(B)eef	(D)airy	(O)ther	Animal Type	(B)eef	(D)airy	(O)ther	
(J)uneau	101	B	20			B*	20			W
J	104	--								W
J	108	D		65				0		E
J	109	D		25		D		0		W
J	152	D		90				144		W
J	154	D		40		B	10			W
J	155	D		21		B	8			W
J	159	D		36				0		W
J	161	D		41		D		84		E
J	162	B	16			B	16*			W
J	164	D		15		D		15*		--
J	165	B	40							E
J	166	B	42							W
J	1001	D		71	40	D		90		W
J	1002	B	25			B	20			W
J	1031	D		20		D		60		W
J	1032	D				D\B	35	35		W
J	1033	D								W
J	1570	D		55		D		53		W
J	1606	D		92		B	8			W
J	1631	B	30			B	30			E
J	1632	P			100	P?			25	W
J	2431	D*		68		D		68		MM
J	2432	D								MM
J	--	D								E
J	--	B				B	4			W
J	--	B				B	10			W
J	--	B								W
J	--	B								E
J	--	B								W
J	--	B					65			W
J	37	B	150			B	90			W
J	38	D		40		D		67		W
J	401	B	22			B	0			--
J	402	B	25			B	0			--
J	411	P			66	P?			0	W
J	412	P								W
J	42	D		32		D		20		W
J	65	D		20		D		20*		--
J	66	D		46		D		65		W
J	971	D		155				0		W
J	972	D								W
J	98	B	14			B	8			MM
J	990	D		25		D		65		W

Subtotal 1984	384	957	206	Subtotal 1996	308	751	25
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**	84	82	12
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TABLE 2 (continued)
Lake Redstone Watershed
Agricultural Inventory
Sauk County
Livestock Types and Trends Detail
Livestock (Animal Units)

County	Parcel No.	1984 Animal Operation			1996 Animal Operation				Tributary	
		Animal Type	(B)eef	(D)airy	(O)ther	Animal Type	(B)eef	(D)airy		(O)ther
(S)auk	203	B	15			B	0			W
S	242	D		40		D	40*			W
S	245	--								MM
S	251	B		6		B	0			--
S	252	D		55		D		55		C
S	258	D		20		D		0		SW
S	265	B	30			B	40			SW
S	1600	B								W
S	2060	D		34		D		34*		W
S	2100	B	20			B	10			E
S	2120	S			35	S			35*	E
S	2160	B	25			B	0			E
S	2200	B	25			B	35			S
S	2380	D\B	10	41		D\B	0	0		W
S	2410	D	80			D	0			--
S	2440	P			30	B\P	16		25	MM
S	2490	D		41		D		0		MM
S	2501	B	--			B	--			MM
S	2502	B	27			B	0			MM
S	2503	B	27			B	22			MM
S	2550	D		22		D		0		SW
S	2601	D		215		D		215*		SE
S	2602	D		65		D		65*		SE
S	2710	D		20		D		0		W
S	--	*								--
S	--	--								S
S	7	D		51		D		51		E
Subtotal 1984			259	610	65	Subtotal 1996	123	106	25	
						**	63	69	92	
Total 1984			643	1,567	271	Total 1996	487	1,206	85	
						**	76	77	31	
Grand Total			2,481			Total 1996	1,778			
		***	25.9	63.2	10.9	Total 1996	27.4	67.8	4.8	

INDEX	
I	Improved
N	Needed (per County Conservation Service)
P	Planned
X	Completed
B	Beef
D	Dairy
S	Swine
C	Chickadee Subwatershed

INDEX	
E	East Branch Subwatershed
MM	Martin Meadowlark Subwatershed
SE	Southeast Subwatershed
SW	Southwest Subwatershed
W	West Branch Subwatershed
*	Best information from 1984 used
**	1996 Results as a Percentage of 1984
***	Percentage of 1984 Livestock in each Category

Table 3
Lake Redstone Watershed
Agricultural Inventory
Nutrient Phosphorous Loading Trends Summary
by Barnyard Phosphorus Loading Class

Barnyard P Loading Class	Number	Phosphorous Loading					Change	
		1984		Number	1996		(lbs)	(%)
		(lbs)	(%)		(lbs)	(%)		
1	28	2,816	82	11	937	75	(1,880)	(67)
2	22	554	16	10	277	22	(270)	(50)
3	2	50	2	50	40	3	(10)	(25)
Total		3,416	100		1,254	100	(2,160)	(63)

Class 1 >45 # Annual Phosphorus Loading
Class 2 15-45# Annual Phosphorus Loading
Class 3 < 15# Annual Phosphorus Loading

Table 4
Lake Redstone Watershed
Agricultural Inventory
Nutrient Phosphorus Loading Detail
Ratings by Barnyard Phosphorus Loading Class
and Ranked by 1984 Totals

April 24, 1997

County	Parcel No.	Rank	1984 Loading - BARNY					1996 Loading (lbs) - BARNY					1984 vs 1996 Loading	
			P (lbs)	Class	(%)	COD	ARS	P (lbs)	Class	(%)	COD	ARS	change (lbs)	(%)
CLASS I														
(J)uneau	0990	1	49.1	1	1.4	5,512	50	29.4		1,565	35	(20)	(40)	
J	154	2	54.1	1	1.6	3,921	46	9.9		544	21	(44)	(82)	
J	1031	3	55.3	1	1.6	2,925	43	55.3		2,925	43	0	0	
J	066	4	59.4	1	1.7	3,146	43	36.0		1,923	37	(23)	(39)	
J	1606	5	61.7	1	1.8	3,568	72	0.0		0	0	(62)	(100)	
J	108	6	79.7	1	2.3	4,217	47	0.0		0	0	(80)	(100)	
J	159	7	83.0	1	2.4	4,392	48	0.0		0	0	(83)	(100)	
J	0971	9	87.0	1	2.5	4,604	48	0.0		0	0	(87)	(100)	
J	1032	11	87.4	1	2.6	4,625	48	87.4		4,625	48	0	0	
J	0402	12	107.0	1	3.1	5,664	51	0.0		0	0	(107)	(100)	
J	1570	14	113.4	1	3.3	6,005	52	61.6		3,262	44	(52)	(46)	
J	-	15	113.4	1	3.3	6,005	52	-		-	-	(113)	(100)	
J	1001	16	118.4	1	3.5	6,268	52	8		387	17	(110)	(93)	
J	1632	18	133.5	1	3.9	4,504	48	133.5		7,067	54	0	0	
J	152	21	140.7	1	4.1	14,301	63	120.7		6,388	114	(20)	(14)	
J	166	22	157.6	1	4.6	7,220	75	0.0		0	0	(158)	(100)	
J	037	23	178.5	1	5.2	8,195	55	160.7		7,375	54	(18)	(10)	
J	1033	24	191.4	1	5.6	10,132	58	-		-	-	(191)	(100)	
J	165	26	260.5	1	7.6	13,791	62	0.0		0	0	(261)	(100)	
(S)auk	007	8	45.8	1	1.3	2,426	40	45.8		2,426	40	0	0	
S	2601	11	47.2	1	1.4	4,734	49	50.0		4,740	50	3	6	
S	2160	13	53.0	1	1.5	2,806	42	0.0		0	0	(53)	(100)	
S	2100	17	69.6	1	2.0	3,687	45	34.8		1,845	37	(35)	(50)	
S	252	19	71.0	1	2.1	3,754	46	35.5		1,893	37	(36)	(50)	
S	2503	20	80.8	1	2.4	4,277	47	80.8		4,277	47	0	0	
S	2200	25	93.5	1	2.7	4,953	49	15.5		735	25	(78)	(83)	
S	265	27	108.1	1	3.2	5,684	51	95.5		5,054	49	(13)	(12)	
S	2380	28	116.3	1	3.4	13,106	83	0.0		0	0	(116)	(100)	
Subtotal			2,816.4		82.3%						1,060.5 lbs	(1,755.9) lbs		

Class 1 45 # Annual Phosphorus Loading

Table 4 (continued)
Lake Redstone Watershed
Agricultural Inventory
Nutrient Phosphorus Loading Detail
Ratings by Barnyard Phosphorus Loading Class
and Ranked by 1984 Totals
 April 24, 1997

County	Parcel No.	Rank	1984 Loading - BARNY					1996 Loading (lbs) - BARNY					1984 vs 1996 Loading	
			P (lbs)	Class	(%)	COD	ARS	P (lbs)	Class	(%)	COD	ARS	change (lbs)	(%)
CLASS II														
(J)uneau	0401	29	17.1	2	0.5	891	28	-	-	-	-	-	(17)	(100)
J	065	30	19.0	2	0.6	1,866	37	-	-	-	-	-	(19)	(100)
J	109	31	20.0	2	0.6	2,246	39	0.0	0	0	0	0	(20)	(100)
J	1002	35	20.1	2	0.6	1,064	30	0.0	0	0	0	0	(20)	(100)
J	155	37	22.6	2	0.7	1,881	37	10.7	565	22	12	53	(12)	(53)
J	162	40	28.7	2	0.8	1,523	34	-	-	-	29	100	(29)	(100)
J	101	41	32.1	2	0.9	1,703	36	32.1	1,703	36	0	0	0	0
J	038	42	34.3	2	1.0	3,864	46	15.0	1,413	33	19	56	(19)	(56)
J	042	45	40.8	2	1.2	2,162	39	40.8	2,162	39	0	0	0	0
J	098	47	41.0	2	1.2	2,170	39	23.4	1,239	32	18	43	(18)	(43)
(S)auk	2120	32	12.2	2	0.4	1,933	37	-	-	-	12	100	(12)	(100)
S	1600	33	13.6	2	0.4	1,379	33	6.1	294	14	8	55	(8)	(55)
S	2602	34	14.8	2	0.4	693	24	15.0	700	25	0	1	0	1
S	245	36	17.2	2	0.5	-	-	0.0	0	0	17	100	(17)	(100)
S	2440	38	19.2	2	0.6	984	29	46.5	2,465	63	27	142	27	142
S	251	39	19.5	2	0.6	1,031	29	-	-	-	20	100	(20)	(100)
S	242	4	24.4	2	0.7	1,294	32	-	-	-	24	100	(24)	(100)
S	203	44	27.1	2	0.8	1,243	32	0.0	0	0	27	100	(27)	(100)
S	258	46	31.8	2	0.9	3,575	45	0.0	0	0	32	100	(32)	(100)
S	2710	48	32.5	2	0.9	3,648	45	0.0	0	0	33	100	(33)	(100)
S	2490	49	32.8	2	1.0	1,736	36	-	-	-	33	100	(33)	(100)
S	2060	50	33.6	2	1.0	1,780	36	0.0	0	0	34	100	(34)	(100)
Subtotal			554.4		16.2%						189.6 lbs	(364.8) lbs		

Class 2 15-45 lbs. Annual Phosphorus Loading

Table 4 (continued)
Lake Redstone Watershed
Agricultural Inventory
Nutrient Phosphorus Loading Detail
Ratings by Barnyard Phosphorus Loading Class
and Ranked by 1984 Totals
 April 24, 1997

County	Parcel No.	Rank	1984 Loading - BARNY					1996 Loading (lbs) - BARNY					1984 vs 1996 Loading	
			P (lbs)	Class	(%)	COD	ARS	P (lbs)	Class	(%)	COD	ARS	change (lbs)	(%)
CLASS III														
(J)uneau	0972		55		3	0.0	-	-	-	-	-	-	0	-
J	161		54	11.3	3	0.3	544	21	1.7		87	1	(10)	(85)
J	2432		52	2.2	3	0.1	219	-	2		219	-	0	-
J	0412		51	0.0	3	0.0	0	0	0.0		0	0	0	-
J	1631		50	8.6	3	0.3	395	17	0.0		0	0	(9)	(100)
J	2431		46	6.0	3	0.2	272	-	6.0		272	-	0	-
J	0411		42	0.0	3	0.0	0	0	-		-	-	0	-
J	164		41	4.6	3	0.1	457	19	-		-	-	(5)	(100)
J	104		-	0.0	3	0.0	0	0	0.0		0	0	0	-
J	-		-	-	3	-	-	-	-		-	-	0	-
J	-		-	-	3	-	-	-	-		-	-	0	-
J	-		-	-	3	-	-	-	-		-	-	0	-
J	-		-	-	3	-	-	-	-		-	-	0	-
J	-		-	-	3	-	-	-	-		-	-	0	-
(S)auk	2501		57	0.0	3	0.0	0	0	0.0		0	0	0	-
S	2410		56	0.0	3	0.0	0	0	0.0		0	0	0	-
S	2550		53	10.6	3	0.3	1,189	31	0.0		0	0	(11)	(100)
S	2502		49	9.6	3	0.3	1,083	30	0.0		0	0	(10)	(100)
S	-		-	-	3	-	-	-	-		-	-	0	-
S	-		-	-	3	-	-	-	0.0		0	0	0	-
?	-		-	-	3	-	-	-	-		-	-	0	-
-	-		-	-	3	-	-	-	-		-	-	0	-

Subtotal	52.9	1.5%
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9.9 lbs

(43.0) lbs

TOTAL	3,423.7	100.0%
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1,260.0 lbs.

(2,163.7) lbs

INDEX	
ARS	Animal Rating System
COD	Chemical Oxygen Demand
J	Juneau County
P	Phosphorus
S	Sauk County

Class 3 Less than 15 lbs. Annual Phosphorus Loading

Table 5
Lake Redstone Watershed Agriculture Inventory
Nutrient Phosphorus Loading Detail
Rating by Barnyard Phosphorus Loading Class and Ranked by 1996 Totals
April 24, 1997

County	Parcel No.	Rank	1984 Loading - BARNY					1996 Loading (lbs) - BARNY					1984 - 1996 Loading	
			P (lbs)	Class	(%)	COD	ARS	P (lbs)	Class	(%)	COD	ARS	change (lbs)	(%)
CLASS 1														
(J)uneau	037	3	178.5	1		8,195	55	160.7	1	12.8	7,375	54	(18)	(10)
J	1632	6	133.5	1		4,504	48	133.5	1	10.7	7,067	54	0	0
J	152	5	140.7	1		14,301	63	120.7	1	9.6	6,388	114	(20)	(14)
J	1032	14	87.4	1		4,625	48	87.4	1	7.0	4,625	48	0	0
J	1570	10	113.4	1		6,005	52	61.6	1	4.9	3,262	44	(52)	(46)
J	1031	23	55.3	1		2,925	43	55.3	1	4.4	2,925	43	0	0
(S)auk	265	11	108.1	1		5,684	51	95.5	1	7.6	5,054	49	(13)	(12)
S	2503	17	80.8	1		4,277	47	80.8	1	6.5	4,277	47	0	0
S	2601	27	47.2	1		4,734	49	50.0	1	4.0	4,740	50	3	6
S	2440	44	19.2	2		984	29	46.5	1	3.7	2,465	63	27	142
S	007	28	45.8	1		2,426	40	45.8	1	3.7	2,426	40	0	0

Subtotal 1,009.9 lbs

937.8 lbs **74.9%**

(72.1) lbs

CLASS 2

J	042	30	40.8	2		2,162	39	40.8	2	3.3	2,162	39	0	0
J	066	22	59.4	1		3,146	43	36.0	2	2.9	1,923	37	(23)	(39)
J	101	35	32.1	2	*	1,703	36	32.1	2	2.6	1,703	36	0	0
J	0990	26	49.1	1		5,512	50	29.4	2	2.3	1,565	35	(20)	(40)
J	098	29	41.0	2		2,170	39	23.4	2	1.9	1,239	32	(18)	(43)
J	038	31	34.3	2		3,864	46	15.0	2	1.2	1,413	33	(19)	(56)
S	252	19	71.0	1		3,754	46	35.5	2	2.8	1,893	37	(36)	(50)
S	2100	20	69.6	1		3,687	45	34.8	2	2.8	1,845	37	(35)	(50)
S	2200	13	93.5	1		4,953	49	15.5	2	1.2	735	25	(78)	(83)
S	2602	48	14.8	2		693	24	15.0	2	1.2	700	25	0	1

Subtotal 505.6 lbs

277.5 lbs **22.2%**

(228.1) lbs

INDEX	
ARS	Animal Rating System
COD	Chemical Oxygen Demand
J	Juneau County
P	Phosphorus
S	Sauk County

Table 5 (continued)
Lake Redstone Watershed Agriculture Inventory
Nutrient Phosphorus Loading Detail
Rating by Barnyard Phosphorus Loading Class and Ranked by 1996 Totals

County	Parcel No.	Rank	1984 Loading - BARNY					1996 Loading (lbs) - BARNY					1984 - 1996 Loading	
			P (lbs)	Class	(%)	COD	ARS	P (lbs)	Class	(%)	COD	ARS	change (lbs)	(%)
Class 3														
J	155	40	22.6	2		1,881	37	10.7	3	0.9	565	22	(12)	(53)
J	154	24	54.1	1		3,921	46	9.9	3	0.8	544	21	(44)	(82)
J	2431	46	6.0	3		272	-	6.0	3	0.5	272	-	0	-
J	2432	52	2.2	3		219	-	2.2	3	0.2	219	-	0	-
J	161	54	11.3	3		544	21	1.7	3	0.1	87	1	(10)	(85)
(J)uneau	104	-	0.0	3		0	0	0.0	3	0.0	0	0	0	-
J	108	18	79.7	1		4,217	47	0.0	3	0.0	0	0	(80)	(100)
J	109	42	20.0	2		2,246	39	0.0	3	0.0	0	0	(20)	(100)
J	159	16	83.0	1		4,392	48	0.0	3	0.0	0	0	(83)	(100)
J	165	1	260.5	1		13,791	62	0.0	3	0.0	0	0	(261)	(100)
J	166	4	157.6	1		7,220	75	0.0	3	0.0	0	0	(158)	(100)
J	1002	41	20.1	2		1,064	30	0.0	3	0.0	0	0	(20)	(100)
J	1606	21	61.7	1		3,568	72	0.0	3	0.0	0	0	(62)	(100)
J	1631	50	8.6	3		395	17	0.0	3	0.0	0	0	(9)	(100)
J	0402	12	107.0	1		5,664	51	0.0	3	0.0	0	0	(107)	(100)
J	0412	51	0.0	3		0	0	0.0	3	0.0	0	0	0	-
J	0971	15	87.0	1		4,604	48	0.0	3	0.0	0	0	(87)	(100)
J	1001	7	118.4	1		6,268	52	-	3	0.0	-	-	(118)	(100)
J	1033	2	191.4	1		10,132	58	-	3	0.0	-	-	(191)	(100)
J	-	-	-	3		-	-	-	3	0.0	-	-	0	-
J	-	-	-	3		-	-	-	3	0.0	-	-	0	-
J	-	-	-	3		-	-	-	3	0.0	-	-	0	-
J	-	-	-	3		-	-	-	3	0.0	-	-	0	-
J	-	-	-	3		-	-	-	3	0.0	-	-	0	-
J	-	9	113.4	1		6,005	52	-	3	0.0	-	-	(113)	(100)
J	0401	47	17.1	2		891	28	-	3	0.0	-	-	(17)	(100)
J	0411	42	0.0	3		0	0	-	3	0.0	-	-	0	-
J	065	45	19.0	2	*	1,866	37	-	3	0.0	-	-	(19)	(100)
J	0972	55	-	3		-	-	-	3	0.0	-	-	0	-
J	162	37	28.7	2		1,523	34	-	3	0.0	-	-	(29)	(100)
J	164	41	4.6	3		457	19	-	3	0.0	-	-	(5)	(100)
S	1600	49	13.6	2		1,379	33	6.1	3	0.5	294	14	(8)	(55)
(S)auk	203	38	27.1	2		1,243	32	0.0	3	0.0	0	0	(27)	(100)
S	245	46	17.2	2	*	-	-	0.0	3	0.0	0	0	(17)	(100)
S	2060	32	33.6	2		1,780	36	0.0	3	0.0	0	0	(34)	(100)
S	2160	25	53.0	1		2,806	42	0.0	3	0.0	0	0	(53)	(100)
S	2380	8	116.3	1		13,106	83	0.0	3	0.0	0	0	(116)	(100)
S	2410	56	0.0	3		0	0	0.0	3	0.0	0	0	0	-
S	2501	57	0.0	3		0	0	0.0	3	0.0	0	0	0	-
S	2502	49	9.6	3		1,083	30	0.0	3	0.0	0	0	(10)	(100)
S	2550	53	10.6	3		1,189	31	0.0	3	0.0	0	0	(11)	(100)
S	2710	34	32.5	2		3,648	45	0.0	3	0.0	0	0	(33)	(100)
S	-	-	-	3		-	-	0.0	3	0.0	0	0	0	-
S	242	39	24.4	2		1,294	32	-	3	0.0	-	-	(24)	(100)
S	251	43	19.5	2		1,031	29	-	3	0.0	-	-	(20)	(100)
S	258	36	31.8	2		3,575	45	-	3	0.0	0	0	(32)	(100)
S	2120	50	12.2	2		1,933	37	-	3	0.0	-	-	(12)	(100)
S	2490	33	32.8	2		1,736	36	-	3	0.0	-	-	(33)	(100)
S	-	-	-	3		-	-	-	3	0.0	-	-	0	-
?	-	-	-	3		-	-	-	3	0.0	-	-	0	-
Subtotal			1,908.2 lbs											(1,871.6) lbs
TOTAL			3,423.7 lbs.											(2,171.8) lbs.
								36.6 lbs	2.9%					
								1,251.9 lbs	100.0%					

Table 6
Lake Redstone Protection and Rehabilitation District
Watershed Inventory
Phosphorus Loading Trends Summary
by Subwatershed

Subwatershed	Acres	% of total	1984		1996		
			Loading P (lbs)	(%) of total	Loading P (lbs)	(%) of total	% decrease
Rural Land Use							
Uncategorized	--		233	7	0	0	100
Chickadee	1100	6%	71	2	36	3	50
East Branch	4500	25%	541	16	82	6	85
Martin Meadowlark	1100	6%	209	6	159	12	24
Southeast	1400	8%	156	5	81	6	48
Southwest	250	10%	151	4	96	7	37
West Branch	9850	54%	2064	60	799	63	61
Residential Septic Systems	--		--	--	23	2	--
TOTAL	18200		3425	100	1276	99	
				Net Change	-63%		

**Table 7
Lake Redstone Watershed
Agricultural Inventory
Nutrient Phosphorus Loading Detail
Ratings by Subwatershed
April 24, 1997**

County	Parcel No.	Rank	1984 Loading - BARNY					1996 Loading (lbs) - BARNY					1996 Loading (lbs)		
			P (lbs)	Class	(%)	COD	ARS	P (lbs)	Class	(%)	COD	ARS	change	(%)	
UNCATEGORIZED															
(J)uneau	0402	12	107.0		1	3.1	5,664	51	0.0	3	0.0	0	0	(107)	(100)
J	065	45	19.0	*	2	0.6	1,866	37	-	3	0.0	-	-	(19)	(100)
J	0401	47	17.1		2	0.5	891	28	-	3	0.0	-	-	(17)	(100)
J	164	41	4.6		3	0.1	457	19	-	3	0.0	-	-	(5)	(100)
(S)auk	2060	32	33.6		2	1.0	1,780	36	0.0	3	0.0	0	0	(34)	(100)
S	2710	34	32.5		2	0.9	3,648	45	0.0	3	0.0	0	0	(33)	(100)
S	251	43	19.5		2	0.6	1,031	29	-	3	0.0	-	-	(20)	(100)
S	2410	56	0.0		3	0.0	0	0	0.0	3	0.0	0	0	0	-
S	-	-	-		3	0.0	-	-	0.0	3	0.0	0	0	0	-
Subtotal			233.3 lbs			6.8%			0.0 lbs		0.0%			(233) lbs	
CHICKADEE SUBWATERSHED															
S	252	19	71.0		1	2.1	3,754	46	35.5	2	2.8	1,893	37	(36)	(50)
Subtotal			71.0 lbs			2.1%			35.5 lbs		2.8%			(288) lbs	
EAST BRANCH SUBWATERSHED															
J	165	1	260.5		1	7.6	13,791	62	0.0	3	0.0	0	0	(261)	(100)
J	108	18	79.7		1	2.3	4,217	47	0.0	3	0.0	0	0	(80)	(100)
J	161	54	11.3		3	0.3	544	21	1.7	3	0.1	87	1	(10)	(85)
J	1631	50	8.6		3	0.3	395	17	0.0	3	0.0	0	0	(9)	(100)
J	-	-	-		3	0.0	-	-	-	3	0.0	-	-	0	-
J	-	-	-		3	0.0	-	-	-	3	0.0	-	-	0	-
S	2100	20	69.6		1	2.0	3,687	45	34.8	2	2.8	1,845	37	(35)	(50)
S	2160	25	53.0		1	1.5	2,806	42	0.0	3	0.0	0	0	(53)	(100)
S	007	28	45.8		1	1.3	2,426	40	45.8	1	3.7	2,426	40	0	0
S	2120	50	12.2		2	0.4	1,933	37	-	3	0.0	-	-	(12)	(100)
Subtotal			540.7 lbs			15.8%			82.3 lbs		6.6%			(458.4) lbs	

Table 7 (continued)
Lake Redstone Watershed
Agricultural Inventory
Nutrient Phosphorus Loading Detail
Ratings by Subwatershed
April 24, 1997

County	Parcel No.	Rank	1984 Loading - BARNY					1996 Loading (lbs) - BARNY					1996 Loading (lbs)	
			P (lbs)	Class	(%)	COD	ARS	P (lbs)	Class	(%)	COD	ARS	change	(%)
MARTIN MEADOWLARK SUBWATERSHED														
J	098	29	41.0	2	1.2	2,170	39	23.4	2	1.9	1,239	32	(18)	(43)
J	2431	46	6.0	3	0.2	272	-	6.0	3	0.5	272	-	0	-
J	2432	52	2.2	3	0.1	219	-	2.2	3	0.2	219	-	0	-
S	2503	17	80.8	1	2.4	4,277	47	80.8	1	6.5	4,277	47	0	0
S	2490	33	32.8	2	1.0	1,736	36	-	3	0.0	-	-	(33)	(100)
S	2440	44	19.2	2	0.6	984	29	46.5	1	3.7	2,465	63	27	142
S	245	46	17.2	2	0.5	-	-	0.0	3	0.0	0	0	(17)	(100)
S	2502	49	9.6	3	0.3	1,083	30	0.0	3	0.0	0	0	(10)	(100)
S	2501	57	0.0	3	0.0	0	0	0.0	3	0.0	0	0	0	-
Subtotal			208.8 lbs	6.1%				158.9 lbs	12.7%				(49.9) lbs	
SOUTHEAST SUBWATERSHED														
S	2200	13	93.5	1	2.7	4,953	49	15.5	2	1.2	735	25	(78)	(83)
S	2601	27	47.2	1	1.4	4,734	49	50.0	1	4.0	4,740	50	3	6
S	2602	48	14.8	2	0.4	693	24	15.0	2	1.2	700	25	0	1
S	-	-	-	3	0.0	-	-	-	3	0.0	-	-	0	-
Subtotal			155.5 lbs	4.5%				80.5 lbs	6.4%				(75.0) lbs	
S	265	11	108.1	1	3.2	5,684	51	95.5	1	7.6	5,054	49	(13)	(12)
S	258	36	31.8	2	0.9	3,575	45	0.0	3	0.0	0	0	(32)	(100)
S	2550	53	10.6	3	0.3	1,189	31	0.0	3	0.0	0	0	(11)	(100)
Subtotal			150.5 lbs	4.4%				95.5 lbs	7.6%				(55.0) lbs	

Table 7 (continued)
Lake Redstone Watershed
Agricultural Inventory
Nutrient Phosphorus Loading Detail
Ratings by Subwatershed
April 24, 1997

County	Parcel No.	Rank	1984 Loading - BARNY					1996 Loading (lbs) - BARNY					1996 Loading (lbs)	
			P (lbs)	Class	(%)	COD	ARS	P (lbs)	Class	(%)	COD	ARS	change	(%)
WEST BRANCH SUBWATERSHED														
J	1033	2	191.4	1	5.6	10,132	58	-	3	0.0	-	-	(191)	(100)
J	037	3	178.5	1	5.2	8,195	55	160.7	1	12.8	7,375	54	(18)	(10)
J	166	4	157.6	1	4.6	7,220	75	0.0	3	0.0	0	0	(158)	(100)
J	152	5	140.7	1	4.1	14,301	63	120.7	1	9.6	6,388	114	(20)	(14)
J	1632	6	133.5	1	3.9	4,504	48	133.5	1	10.7	7,067	54	0	0
J	1001	7	118.4	1	3.5	6,268	52	-	3	0.0	-	-	(118)	(100)
J	-	9	113.4	1	3.3	6,005	52	-	3	0.0	-	-	(113)	(100)
J	1570	10	113.4	1	3.3	6,005	52	61.6	1	4.9	3,262	44	(52)	(46)
J	1032	14	87.4	1	2.6	4,625	48	87.4	1	7.0	4,625	48	0	0
J	0971	15	87.0	1	2.5	4,604	48	0.0	3	0.0	0	0	(87)	(100)
J	159	16	83.0	1	2.4	4,392	48	0.0	3	0.0	0	0	(83)	(100)
J	1606	21	61.7	1	1.8	3,568	72	0.0	3	0.0	0	0	(62)	(100)
J	066	22	59.4	1	1.7	3,146	43	36.0	2	2.9	1,923	37	(23)	(39)
J	1031	23	55.3	1	1.6	2,925	43	55.3	1	4.4	2,925	43	0	0
J	154	24	54.1	1	1.6	3,921	46	9.9	3	0.8	544	21	(44)	(82)
J	0990	26	49.1	1	1.4	5,512	50	29.4	2	2.3	1,565	35	(20)	(40)
J	042	30	40.8	2	1.2	2,162	39	40.8	2	3.3	2,162	39	0	0
J	038	31	34.3	2	1.0	3,864	46	15.0	2	1.2	1,413	33	(19)	(56)
J	101	35	32.1	2	0.9	1,703	36	32.1	2	2.6	1,703	36	0	0
J	162	37	28.7	2	0.8	1,523	34	-	3	0.0	-	-	(29)	(100)
J	155	40	22.6	2	0.7	1,881	37	10.7	3	0.9	565	22	(12)	(53)
J	1002	41	20.1	2	0.6	1,064	30	0.0	3	0.0	0	0	(20)	(100)
J	109	42	20.0	2	0.6	2,246	39	0.0	3	0.0	0	0	(20)	(100)
J	104	-	0.0	3	0.0	0	0	0.0	3	0.0	0	0	0	0
J	0411	42	0.0	3	0.0	0	0	-	3	0.0	-	-	0	0
J	0412	51	0.0	3	0.0	0	0	0.0	3	0.0	0	0	0	0
J	0972	55	-	3	0.0	-	-	-	3	0.0	-	-	0	0
J	-	-	-	3	0.0	-	-	-	3	0.0	-	-	0	0
J	-	-	-	3	0.0	-	-	-	3	0.0	-	-	0	0
J	-	-	-	3	0.0	-	-	-	3	0.0	-	-	0	0
S	2380	8	116.3	1	3.4	13,106	83	0.0	3	0.0	0	0	(116)	(100)
S	203	38	27.1	2	0.8	1,243	32	0.0	3	0.0	0	0	(27)	(100)
S	242	39	24.4	2	0.7	1,294	32	-	3	0.0	-	-	(24)	(100)
S	1600	49	13.6	2	0.4	1,379	33	6.1	3	0.5	294	14	(8)	(55)
?	-	-	-	3	0.0	-	-	-	3	0.0	-	-	0	0

Subtotal **2,063.9 lbs** **60.3%**

799.2 lbs **63.8%**

(1,264.7) lbs

TOTAL 3,423.7 lbs. 100.0%

1,251.9 lbs 100.0%

(2,136.3) lbs.

INDEX	
ARS	Animal Rating System
COD	Chemical Oxygen Demand
J	Juneau County
P	Phosphorous
S	Sauk County

TABLE 8
Lake Redstone Watershed
Agricultural Inventory
Livestock Operation Detail

County	Parcel No.	Animal Type		Tributary	Improvements				Waterway	Diversion
		1984	1996		NW	Barnyard	Storage	Contour Strip		
(J)uneau	101	B	B*	W						
J	104	--		W						
J	108	D		E		X	X	X	X	
J	109	D	D	W		P				
J	152	D	D	W		I		X		
J	154	D	B	W		X				
J	155	D	B	W	NW			X		
J	159	D		W		X		X	X	X
J	161	D	D	E		X	N	X		
J	162	B	B*	W						
J	164	D	D*	--						
J	165	B		E						
J	166	B	--	W		N				
J	1001	D	D	W		X	X			X
J	1002	B	B	W		X	X			
J	1031	D	D	W		P	N			
J	1032	D	DB	W		P				
J	1033	D		W		P	P	X		
J	1570	D	D	W	P	P	P	X	P	
J	1606	D	B	W	P					
J	1631	B	B	E						
J	1632	P	P	W						
J	2431	D*	D	MM						
J	2432	D		MM		X		X	X	X
J	--	D		E		X	N	X		
J	--	B		W						
J	--	B	B	W					X	
J	--	B	B	W		P			X	X
J	--	B		E	X					
J	--	B		W				X	X	X
J	--	B		W				X	X	X
J	37	B	B	W		X		X	X	
J	38	D	D	W		N		X	X	X
J	401	B	B	--						
J	402	B	B	--						
J	411	P	P	W						
J	412	P		W					X	
J	42	D	D	W						
J	51	D		E	X	X	X	X	X	X
J	65	D	D*	--						
J	66	D	D	W		I				
J	971	D		W						
J	972	D		W						
J	98	B	B	MM		X			X	
J	990	D	D	W		X	X	X	X	X

TABLE 8 (continued)
Lake Redstone Watershed
Agricultural Inventory
Livestock Operation Detail

County	Parcel No.	Animal Type		Tributary	Improvements				Waterway	Diversion
		1984	1996		NW	Barnyard	Storage	Contour Strip		
(S)auk	203	B	B	W						
S	242	D	D*	W						
S	245	--		MM						
S	251	B	B	--						
S	252	D	D	C		X				
S	258	D	D	SW		P				
S	265	B	B	SW				X		X
S	1600	B		W		X				
S	2060	D	D*	W						
S	2100	B	B	E						
S	2120	S	S*	E						X
S	2160	B	B	E						
S	2200	B	B	S		X		X	X	X
S	2380	DVB	DVB	W						
S	2410	D	D	--						
S	2440	P	BP	MM		PI		X		
S	2490	D	D	MM			X			
S	2501	B	B	MM						
S	2502	B	B	MM						
S	2503	B	B	MM				X	X	X
S	2550	D	D	SW						
S	2601	D	D*	SW						
S	2602	D	D*	SE						
S	2710	D	D	W						
S	--	*		--						
S	--	--		S						
S	7	D	D	E			X	X	X	X

INDEX	
I	Improved
N	Needed (per County Conservation Service)
P	Planned
X	Completed
B	Beef
D	Dairy
S	Swine
C	Chickadee Subwatershed
E	East Branch Subwatershed
MM	Martin Meadowlark Subwatershed
SE	Southeast Subwatershed
SW	Southwest Subwatershed
W	West Branch Subwatershed
*	Best information from 1984 used

TABLE 9**Effect of Best Management Practices on Calculated Phosphorus Loading for Parcel 152C**

Best Management Practice	Annual Phosphorus Loading (pounds/year)
None	53.6
Diversion	52.1
Yard	26.8
Gutters	14.6
Gutters, Diversion	13.2
Buffer	11.8
Gutters, Yard	7.3
Gutters, Diversion, Yard	6.6
Yard, Buffer	5.9
Gutters, Diversion, Buffer	2.9
Gutters, Diversion, Buffer, Yard	1.5

Table 10
Lake Redstone Watershed Agriculture Inventory
Ratio of Phosphorus Loading to Animal Units
for Class 1 and Class 2 Phosphorus Loading Potential Operations
April 24, 1997

County	Parcel No.	Rank	1984 Loading - BARNY			1996 Loading (lbs) - BARNY		
			P (lbs)	Anim Units	lb P/Anim	P (lbs)	Anim Units	lb P/Anim
CLASS 1								
(J)uneau	037	3	178.5	150.0	1.19	160.7	90	1.79
J	1632	6	133.5	100.0	1.34	133.5	25	5.34
J	152	5	140.7	90.0	1.56	120.7	144	0.84
J	1032	14	87.4	70.0	1.25	87.4	70	1.25
J	1570	10	113.4	55.0	2.06	61.6	53	1.16
J	1031	23	55.3	20.0	2.77	55.3	60	0.92
(S)auk	265	11	108.1	30.0	3.60	95.5	40	2.39
S	2503	17	80.8	27.0	2.99	80.8	22	3.67
S	2601	27	47.2	215.0	0.22	50.0	215	0.23
S	2440	44	19.2	30.0	0.64	46.5	41	1.13
S	007	28	45.8	51.0	0.90	45.8	51	0.90
Subtotal			1,009.9	838	1.21	937.8	811	1.16
CLASS 2								
J	042	30	40.8	32.0	1.28	40.8	20.0	2.04
J	066	22	59.4	46.0	1.29	36.0	65.0	0.55
J	101	35	32.1	20.0	1.61	32.1	20.0	1.61
J	0990	26	49.1	25.0	1.96	29.4	65.0	0.45
J	098	29	41.0	14.0	2.93	23.4	8.0	2.93
J	038	31	34.3	40.0	0.86	15.0	67.0	0.22
S	252	19	71.0	55.0	1.29	35.5	55.0	0.65
S	2100	20	69.6	20.0	3.48	34.8	10.0	3.48
S	2200	13	93.5	25.0	3.74	15.5	35.0	0.44
S	2602	48	14.8	65.0	0.23	15.0	65.0	0.23
Subtotal			505.6	342	1.48	277.5	410	0.68

INDEX	
ARS	Animal Rating System
COD	Chemical Oxygen Demand
J	Juneau County
P	Phosphorus
S	Sauk County

APPENDICES



Appendix A

1984 Results of P Loading Using the BARNY Model

(existing 1984) Sauk County,
Opid: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
41 Dairy Cows
10 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 2180 sq. ft., Hydro = B, CN = 74
Roof area, 2180 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 11.9	45.8
COD: 630	2426
ARS rating: 23	40

(existing 1984) Juneau County,
Opid: 037, Yard: 1, Segment: 1, NW 1/4 of Section: 18, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
150 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 43560 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 67.9	252.9
COD: 3596	13389
ARS rating: 45	62

(existing 1984) Juneau County,
Opid: 037, Yard: 1, Segment: 1, NW 1/4 of Section: 18, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
150 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 43560 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 2.0 % slope, 50 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

	Inventoried 10-YR, 24-HR	Annual
Phosphorus:	48.0	178.5
COD:	2201	8195
ARS rating:	39	55

(existing 1984) Juneau County,
OpId: 038, Yard: 1, Segment: 1, SW 1/4 of Section: 18, Township: T14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Dairy Cows
5 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 26140 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 4360 sq. ft., Hydro = B, CN = 74
Roof area, 1310 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	16.2	34.3
COD:	1821	3864
ARS rating:	37	46

(existing 1984) Juneau County,
Opid: 040-1, Yard: 1, Segment: 1, NE 1/4 of Section: 18, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Young Beef

----- Inventoried Conditions -----

Lot is Earth, heavy use, 17420 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 8710 sq. ft., Hydro = B, CN = 74

Roof area, 870 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 50.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 7.9	17.1
COD: 409	891
ARS rating: 18	28

(existing 1984) Juneau County,
Opid: 040-2, Yard: 1, Segment: 1, NE 1/4 of Section: 18, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
25 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 17420 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = B, CN = 74
Roof area, 8710 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 50.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 40.0	107.0
COD: 2118	5664
ARS rating: 38	51

(existing 1984) Juneau County,

Opid: 041-1, Yard: 1, Segment: 1, SW 1/4 of Section: 17, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
66 Swine

----- Inventoried Conditions -----

Lot is Earth, heavy use, 10890 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 104540 sq. ft., Hydro = B, CN = 74

Roof area, 4360 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Good Pasture, surface constant = 0.40, 1.0 % slope, 500 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 0.0	0.0
COD: 0	0
ARS rating: 0	0

(existing 1984) Juneau County,
Opid: 041-2, Yard: 1, Segment: 1, SW 1/4 of Section: 17, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Swine

----- Inventoried Conditions -----

Lot is Earth, heavy use, 21780 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 4360 sq. ft., Hydro = A, CN = 100

Roof area, 870 sq. ft., Hydro = A, CN = 100

Up & Down Row Crop, 21780 sq. ft., Hydro = B, CN = 75

Inventoried Buffer Areas:

Good Pasture, surface constant = 0.40, 1.0 % slope, 500 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 0.0	0.0
COD: 0	0
ARS rating: 0	0

(existing 1984) Juneau County,
Opid: 042, Yard: 1, Segment: 1, NW 1/4 of Section: 17, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

20 Dairy Cows

12 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 4790 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = B, CN = 74

Roof area, 870 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	39.7	40.8
COD:	2101	2162
ARS rating:	38	39

(existing 1984) Juneau County,
Opid: 065, Yard: 1, Segment: 1, SE 1/4 of Section: 24, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 4790 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 870 sq. ft., Hydro = A, CN = 100
Farmstead, 21870 sq. ft., Hydro = B, CN = 74

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 30.0 % slope, 50 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 13.0	19.0
COD: 1275	1866
ARS rating: 32	37

(existing 1984) Juneau County,
Opid: 066, Yard: 1, Segment: 1, SE 1/4 of Section: 24, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

30 Dairy Cows

16 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 5230 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = B, CN = 74

Roof area, 1740 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 42.5	59.4
COD: 2249	3146
ARS rating: 39	43

(existing 1984) Juneau County,
Opid: 097-1, yard: 1, Segment: 1, NW 1/4 of Section: 26, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

95 Dairy Cows

60 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 13470 sq. ft., Hydro = B, CN = 74

Woods, light litter, 87120 sq. ft., Hydro = B, CN = 60

Roof area, 3480 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 59.5	87.0
COD: 3148	4604
ARS rating: 43	48

(existing 1984) Juneau County,
Opid: 098, Yard: 1, Segment: 1, NE 1/4 of Section: 26, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
14 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 21780 sq. ft., Hydro = B, CN = 74
Roof area, 2180 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 20.0 % slope, 80 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	19.9	41.0
COD:	1055	2170
ARS rating:	30	39

(existing 1984) Juneau County,
Opid: 099-0, Yard: 1, Segment: 1, SE 1/4 of Section: 26, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
25 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 7840 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 87120 sq. ft., Hydro = B, CN = 74

Roof area, 4360 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 30.0 % slope, 30 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

	Inventoried 10-YR, 24-HR	Annual
Phosphorus:	34.1	49.1
COD:	3828	5512
ARS rating:	46	50

(existing 1984) Juneau County,
Opid: 100-1, Yard: 1, Segment: 1, NW 1/4 of Section: 25, Township: T14R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

41 Dairy Cows
30 Dairy Young Stock
40 Swine

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 10020 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 4360 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 23.5	118.4
COD: 1245	6268
ARS rating: 32	52

(existing 1984) Juneau County,
Opid: 100-2, Yard: 1, Segment: 1, NW 1/4 of Section: 25, Township: T14R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
25 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 1740 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 21780 sq. ft., Hydro = B, CN = 74

Roof area, 440 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 19.2	20.1
COD: 1016	1064
ARS rating: 29	30

(existing 1984) Juneau County,
Opid: 101, Yard: 1, Segment: 1, SW 1/4 of Section: 25, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 21780 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = B, CN = 74

Roof area, 460 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 22.3	32.1
COD: 1181	1703
ARS rating: 31	36

(existing 1984) Juneau County,
Opid: 103-1, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N6E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3100 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 2200 sq. ft., Hydro = A, CN = 100

Unpaved Animal Lot, 43560 sq. ft., Hydro = A, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	40.0	55.3
COD:	2117	2925
ARS rating:	38	43

(existing 1984) Juneau County,
Opid: 103-2, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
8 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 3100 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 87120 sq. ft., Hydro = B, CN = 74
Roof area, 3100 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 50.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 74.0	87.4
COD: 3919	4625
ARS rating: 46	48

(existing 1984) Juneau County,
Opid: 103-3, Yard: 3, Segment: 1, NE 1/4 of Section: 25, Township: 12N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
10 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 3050 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 435600 sq. ft., Hydro = B, CN = 74

Roof area, 440 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	166.5	191.4
COD:	8815	10132
ARS rating:	56	58

Juneau County,

Opid: 108, Yard: 1, Segment: 1, SE 1/4 of Section: 28, Township: N144E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
50 Dairy Cows
15 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 5230 sq. ft., without a settling basin.

Inventoried Tributary Areas:
Farmstead, 43560 sq. ft., Hydro = B, CN = 74
Contoured Row Crop, 87120 sq. ft., Hydro = B, CN = 75
Roof area, 440 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 107.0	79.7
COD: 5662	4217
ARS rating: 51	47

(existing 1984) Juneau County,
Opid: 109, Yard: 1, Segment: 1, SW 1/4 of Section: 30, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
25 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 13070 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = B, CN = 74
Roof area, 1740 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	13.0	20.0
COD:	1464	2246
ARS rating:	34	39

(existing 1984) Juneau County,
Opid: 152, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Dairy Cows
30 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 43560 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 78410 sq. ft., Hydro = B, CN = 74
Roof area, 6530 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	67.5	140.7
COD:	6861	14301
ARS rating:	53	63

(existing 1984) Juneau County,
Opid: 154, Yard: 1, Segment: 1, NW 1/4 of Section: 36, Township: T14R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

24 Dairy Cows

16 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 13070 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = B, CN = 74

Roof area, 870 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	37.7	54.1
COD:	2737	3921
ARS rating:	42	46

(existing 1984) Juneau County,
Opid: 155, Yard: 1, Segment: 1, NW 1/4 of Section: 36, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

17 Dairy Cows

4 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 21780 sq. ft., Hydro = B, CN = 74

Roof area, 460 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 20.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 17.7	22.6
COD: 1470	1881
ARS rating: 34	37

(existing 1984) Juneau County,
Opid: 157-0, Yard: 1, Segment: 1, SE 1/4 of Section: 36, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

40 Dairy Cows
15 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 4790 sq. ft., Hydro = A, CN = 100
Farmstead, 43560 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 52.8	113.4
COD: 2795	6005
ARS rating: 42	52

(existing 1984) Juneau County,
Opid: 159, Yard: 1, Segment: 1, NE 1/4 of Section: 31, Township: T14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
36 Dairy Cows

----- Inventoried Conditions -----

Lot is Concrete & earth, heavy use, 3920 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = B, CN = 74
Roof area, 3480 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	44.2	83.0
COD:	2339	4392
ARS rating:	40	48

(existing segment A, 1984) Juneau County,
Opid: 160-0, Yard: 1, Segment: 1, SW 1/4 of Section: 31, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 13070 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Fair Pasture, surface constant = 0.15, 15.0 % slope, 15 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	6.0	13.6
COD:	612	1379
ARS rating:	23	33

(existing segment B, 1984) Juneau County,
Opid: 160-6, Yard: 1, Segment: 2, SW 1/4 of Section: 31, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
57 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, heavy use, 13070 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 870 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Fair Pasture, surface constant = 0.15, 15.0 % slope, 25 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	17.8	48.1
COD:	813	2189
ARS rating:	26	39

(existing 1984) Juneau County,
Opid: 161, Yard: 1, Segment: 1, NE 1/4 of Section: 31, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

26 Dairy Cows

15 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 4360 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 2180 sq. ft., Hydro = A, CN = 100

Farmstead, 870 sq. ft., Hydro = B, CN = 58

Inventoried Buffer Areas:

Good Pasture, surface constant = 0.59, 20.0 % slope, 20 feet.

Good Pasture, surface constant = 0.59, 1.0 % slope, 60 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 2.7	11.3
COD: 129	544
ARS rating: 3	21

existing 1984) Juneau County,
Opid: 162, Yard: 1, Segment: 1, NE 1/4 of Section: 31, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
16 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 4360 sq. ft., Hydro = B, CN = 74

Roof area, 870 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 30.0 % slope, 60 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 11.8	28.7
COD: 625	1523
ARS rating: 23	34

(existing 1984) Juneau County,
Opid: 163-1, Yard: 1, Segment: 1, NW 1/4 of Section: 32, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
30 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, light use, 17420 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 870 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 30.0 % slope, 100 feet.

Contoured Row Crop, surface constant = 0.29, 8.0 % slope, 150 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	4.5	8.6
COD:	210	395
ARS rating:	9	17

(existing 1984) Juneau County,
Opid: 163-2, Yard: 1, Segment: 1, NW 1/4 of Section: 32, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
100 Swine

----- Inventoried Conditions -----

Lot is Earth, medium use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 130680 sq. ft., Hydro = B, CN = 74

Roof area, 4360 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 35.0 % slope, 50 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	115.2	133.5
COD:	3888	4504
ARS rating:	46	48

(existing 1984) Juneau County,
Opid: 164, Yard: 1, Segment: 1, SE 1/4 of Section: 30, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
15 Dairy-Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = B, CN = 74
Roof area, 1310 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Contoured Row Crop, surface constant = 0.29, 20.0 % slope, 400 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 3.4	4.6
COD: 339	457
ARS rating: 15	19

(existing 1984) Juneau County,
Opid: 165, Yard: 1, Segment: 1, SE 1/4 of Section: 31, Township: N144E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
40 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Poor Pasture, 261360 sq. ft., Hydro = B, CN = 79
Roof area, 2180 sq. ft., Hydro = A, CN = 100
Farmstead, 4360 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 254.9	260.5
COD: 13494	13791
ARS rating: 62	62

(existing 1984) Juneau County,
Opid: 166, Yard: 1, Segment: 1, NE 1/4 of Section: 36, Township: N143E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
30 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 4360 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Poor Pasture, 130680 sq. ft., Hydro = B, CN = 79
Contoured Row Crop, 130680 sq. ft., Hydro = B, CN = 74
Farmstead, 8710 sq. ft., Hydro = B, CN = 74
Roof area, 1740 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Farmstead, surface constant = 0.01, 8.0 % slope, 60 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 171.7	145.5
COD: 7871	6667
ARS rating: 55	53

(existing 1984) Juneau County,
Opid: 166, Yard: 2, Segment: 2, NE 1/4 of Section: 36, Township: N143E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
12 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete, medium use, 1740 sq. ft., without a settling basin.

Inventoried Tributary Areas:
Roof area, 440 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:
Farmstead, surface constant = 0.01, 8.0 % slope, 60 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 2.6	12.1
COD: 120	553
ARS rating: 2	22

(existing 1984) Sauk County,
Opid: 203, Yard: 1, Segment: 1, NW 1/4 of Section: 2, Township: 13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
15 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 8710 sq. ft., Hydro = B, CN = 74
Roof area, 1740 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Contoured Row Crop, surface constant = 0.29, 20.0 % slope, 60 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	11.0	27.1
COD:	506	1242
ARS rating:	20	32

(existing 1984) Juneau County,

Opid: 206, Yard: 1, Segment: 1, NW 1/4 of Section: 1, Township: 13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

24 Dairy Cows
10 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 2610 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 4360 sq. ft., Hydro = B, CN = 74
Roof area, 1740 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 25.0 % slope, 40 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 9.8	33.6
COD: 521	1780
ARS rating: 21	36

(existing 1984) Sauk County,
Opid: 210-0, Yard: 1, Segment: 1, NW 1/4 of Section: 5, Township: T13NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 13070 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 130680 sq. ft., Hydro = B, CN = 74

Roof area, 1740 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 40.0 % slope, 200 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 73.1	69.6
COD: 3872	3687
ARS rating: 46	45

(existing 1984) Juneau County,
Opid: 212-0, Yard: 1, Segment: 1, NE 1/4 of Section: 5, Township: 13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Sheep

----- Inventoried Conditions -----

Lot is Earth, heavy use, 6530 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 130680 sq. ft., Hydro = B, CN = 74
Roof area, 1740 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 40.0 % slope, 150 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	13.7	12.2
COD:	2168	1933
ARS rating:	39	37

(existing 1984) Juneau County,
Opid: 216-0, Yard: 1, Segment: 1, SE 1/4 of Section: 5, Township: 13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
25 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:
Farmstead, 21780 sq. ft., Hydro = B, CN = 74
Roof area, 870 sq. ft., Hydro = A, CN = 100
Roof area, 440 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 30.0	53.0
COD: 1590	2806
ARS rating: 35	42

(existing 1984) Sauk County,
Opid: 220-0, Yard: 1, Segment: 1, SE 1/4 of Section: 6, Township: T13NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 10890 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Unpaved Animal Lot, 21780 sq. ft., Hydro = A, CN = 74

Roof area, 1740 sq. ft., Hydro = A, CN = 100

Contoured Row Crop, 87120 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 101.2	93.5
COD: 5357	4953
ARS rating: 50	49

(existing seg. B 1984) Sauk County,
Opid: 238, Yard: 1, Segment: 2, SW 1/4 of Section: 1, Township: T13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
10 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 21780 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/6/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	4.3	5.2
COD:	480	581
ARS rating:	20	22

(existing seg. B 1984) Sauk County,
Opid: 238, Yard: 1, Segment: 1, SW 1/4 of Section: 1, Township: T13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
29 Dairy Cows
12 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 21780 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 174240 sq. ft., Hydro = B, CN = 74
Roof area, 8710 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 25.0 % slope, 200 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/6/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 82.0	111.1
COD: 9248	12525
ARS rating: 57	61

(existing 1984) - Miller S Sauk County,
Opid: 241-0, Yard: 1, Segment: 1, SW 1/4 of Section: 2, Township: 13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Dairy Cows
20 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 3480 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Roof area, 440 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Manure Storage Pit/Pond, surface constant = 0.00, 0.0 % slope, 0 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	0.0	0.0
COD:	0	0
ARS rating:	0	0

(existing 1984) Sauk County,
Opid: 242, Yard: 1, Segment: 1, NE 1/4 of Section: 3, Township: T13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

27 Dairy Cows

13 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 3050 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 870 sq. ft., Hydro = A, CN = 100

Farmstead, 13070 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/6/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 15.6	24.4
COD: 827	1294
ARS rating: 27	32

(existing hog 1984) Sauk County,
Opid: 244-0, Yard: 1, Segment: 1, NW 1/4 of Section: 10, Township: T13R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
30 Swine

----- Inventoried Conditions -----

Lot is Concrete & earth, heavy use, 2180 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 8710 sq. ft., Hydro = B, CN = 74

Roof area, 440 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	10.8	19.2
COD:	554	984
ARS rating:	22	29

(existing 1984) Sauk County,
Opid: 249-0, Yard: 1, Segment: 1, NW 1/4 of Section: 11, Township: 13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
26 Dairy Cows
15 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 4790 sq. ft., without a settling basin.

Inventoried Tributary Areas:
Farmstead, 8710 sq. ft., Hydro = B, CN = 74
Roof area, 1310 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	15.3	32.8
COD:	811	1736
ARS rating:	26	36

(existing 1984) Sauk County,
Opid: 250-1, Yard: 1, Segment: 1, NE 1/4 of Section: 11, Township: T13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
61 Dairy Cows

----- Inventoried Conditions -----

Lot is Concrete, medium use, 3480 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Manure Storage Pit/Pond, surface constant = 0.00,0.0 % slope, 0 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/6/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 0.0	0.0
COD: 0	0
ARS rating: 0	0



(existing 1984) Sauk County,
 Opid: 250-2, Yard: 1, Segment: 1, NE 1/4 of Section: 11, Township: T13N3E
 Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
 Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
 15 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 6100 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 870 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/6/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	3.2	9.6
COD:	357	1083
ARS rating:	16	30

Sauk County,

Opid: 250-3, Yard: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 65340 sq. ft., Hydro = B, CN = 74
Roof area, 3050 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 62.8	80.8
COD: 3322	4277
ARS rating: 44	47

(existing 1984) Sauk County,
Opid: 251-0, Yard: 1, Segment: 1, SE 1/4 of Section: 11, Township: 13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
6 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 2610 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 4360 sq. ft., Hydro = B, CN = 74

Roof area, 870 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 20.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 7.7	19.5
COD: 408	1031
ARS rating: 18	29

(existing 1984) Sauk County,
Opid: 252, Yard: 1, Segment: 1, SW 1/4 of Section: 11, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Dairy Cows
20 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 4790 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 3050 sq. ft., Hydro = A, CN = 100
Farmstead, 43560 sq. ft., Hydro = B, CN = 74

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 25.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 45.4	71.0
COD: 2404	3754
ARS rating: 40	46

(existing 1984) Sauk County,

Opid: 255-0, Yard: 1, Segment: 1, SE 1/4 of Section: 10, Township: 13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 21780 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 8710 sq. ft., Hydro = B, CN = 74
Roof area, 870 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 20.0 % slope, 500 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 5.0	10.6
COD: 561	1189
ARS rating: 22	31

(existing 1984) Sauk County,
Opid: 258, Yard: 1, Segment: 1, NW 1/4 of Section: 14, Township: 13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 9580 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 130680 sq. ft., Hydro = B, CN = 74

Roof area, 4790 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	27.4	31.8
COD:	3082	3575
ARS rating:	43	45

(existing 1984) Sauk County,
Opid: 260-1, Yard: 1, Segment: 1, NE 1/4 of Section: 24, Township: T13R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

140 Dairy Cows
75 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 174240 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 217800 sq. ft., Hydro = B, CN = 74

Woods, light litter, 174240 sq. ft., Hydro = B, CN = 60

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 4.0 % slope, 400 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 43.0	47.2
COD: 4314	4734
ARS rating: 47	49

(existing 1984) Sauk County,
Opid: 260-2, Yard: 1, Segment: 1, NW 1/4 of Section: 24, Township: T13R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
65 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 5010 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 1000 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Contoured Row Crop, surface constant = 0.29, 6.0 % slope, 50 feet.
Farmstead, surface constant = 0.01, 6.0 % slope, 50 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 4.8	14.8
COD: 222	693
ARS rating: 10	24

(existing 1984) Sauk County,
Opid: 265, Yard: 1, Segment: 1, NW 1/4 of Section: 23, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
30 Slaughter Steers
30 Young Beef

----- Inventoried Conditions -----

Lot is Earth, heavy use, 21780 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 17420 sq. ft., Hydro = B, CN = 74
Roof area, 4360 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 41.9	108.1
COD: 2206	5684
ARS rating: 39	51

(existing 1984) Sauk County,
Opid: 271-0, Yard: 1, Segment: 1, SW 1/4 of Section: 7, Township: 13N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 21780 sq. ft., Hydro = B, CN = 74
Roof area, 1740 sq. ft., Hydro = A, CN = 100
Contoured Row Crop, 108900 sq. ft., Hydro = B, CN = 75

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 35.5	32.5
COD: 3985	3648
ARS rating: 46	45

Appendix B

1996 Results of P Loading Using the BARNY Model

(existing 1996) Sauk County,
Opid: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

41 Dairy Cows
3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 2180 sq. ft., Hydro = B, CN = 74
Roof area, 2180 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 11.9	45.8
COD: 630	2426
ARS rating: 23	40

(existing 1996) Juneau County,
Opid: 037, Yard: 1, Segment: 1, NW 1/4 of Section: 18, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
90 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 43560 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 2.0 % slope, 50 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 43.2	160.7
COD: 1981	7375
ARS rating: 38	54

(existing 1996) Juneau County,
Opid: 037, Yard: 1, Segment: 1, NW 1/4 of Section: 18, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
90 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 43560 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 2.0 % slope, 50 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	21.6	80.3
COD:	990	3695
ARS rating:	29	45

(proposed basin 1996) Juneau County,
Opid: 037, Yard: 1, Segment: 1, NW 1/4 of Section: 18, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
150 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 43560 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 2.0 % slope, 50 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 24.0	89.3
COD: 1100	4106
ARS rating: 30	47

(existing 1996) Juneau County,
Opid: 038, Yard: 1, Segment: 1, SW 1/4 of Section: 18, Township: T14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
30 Dairy Cows
37 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 26140 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 4360 sq. ft., Hydro = B, CN = 74
Roof area, 1310 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 50 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	7.1	15.0
COD:	666	1413
ARS rating:	24	33

(existing 1996) Juneau County,
Opid: 038, Yard: 1, Segment: 1, SW 1/4 of Section: 18, Township: T14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
30 Dairy Cows
37 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 26140 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 4360 sq. ft., Hydro = B, CN = 74
Roof area, 1310 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Fair Pasture, surface constant = 0.15, 10.0 % slope, 50 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 15.0	31.7
COD: 1376	2919
ARS rating: 33	42

(existing 1996) Juneau County,
Opid: 042, Yard: 1, Segment: 1, NW 1/4 of Section: 17, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 4790 sq. ft., without a settling basin.

Inventoried Tributary Areas:
Farmstead, 43560 sq. ft., Hydro = B, CN = 74
Roof area, 870 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 39.7	40.8
COD: 2101	2162
ARS rating: 38	39

(existing 1996) Juneau County,
Opid: 066, Yard: 1, Segment: 1, SE 1/4 of Section: 24, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
40 Dairy Cows
25 Young Beef

----- Inventoried Conditions -----

Lot is Concrete, medium use, 5230 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = B, CN = 74
Roof area, 1740 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 21.7	36.0
COD: 1150	1923
ARS rating: 31	37

(existing 1996) Juneau County,
Opid: 098, Yard: 1, Segment: 1, NE 1/4 of Section: 26, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
8 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 21780 sq. ft., Hydro = B, CN = 74

Roof area, 2180 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 20.0 % slope, 80 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	11.4	23.4
COD:	603	1239
ARS rating:	23	32

----- (existing 1996) Sauk County,
Opid: 099-0, Yard: 1, Segment: 1, SE 1/4 of Section: 26, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
50 Slaughter Steers
15 Young Beef

----- Inventoried Conditions -----

Lot is Earth, heavy use, 7840 sq. ft., with a settling basin.

Inventoried Tributary Areas:
Farmstead, 87120 sq. ft., Hydro = B, CN = 74

Inventoried Buffer Areas:
Poor Pasture, surface constant = 0.01, 30.0 % slope, 30 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 39.0	29.4
COD: 2063	1565
ARS rating: 38	35

(existing no drainage 1996) Juneau County,
Opid: 100-1, Yard: 1, Segment: 1, NW 1/4 of Section: 25, Township: T14R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
50 Dairy Cows
40 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 10300 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 16.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 2.2	8.1
COD: 104	387
ARS rating: 1	17

(existing 1996) Juneau County,
Opid: 100-2, Yard: 1, Segment: 1, NW 1/4 of Section: 25, Township: T14R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 1740 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 21780 sq. ft., Hydro = B, CN = 74

Roof area, 440 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 19.2	20.1
COD: 1016	1064
ARS rating: 29	30

(existing 1996) Juneau County,
Opid: 103-1, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N6E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3100 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 2200 sq. ft., Hydro = A, CN = 100

Unpaved Animal Lot, 43560 sq. ft., Hydro = A, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 40.0	55.3
COD: 2117	2925
ARS rating: 38	43

(existing 1996) Juneau County,
Opid: 103-2, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

35 Young Beef

35 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 3100 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 87120 sq. ft., Hydro = B, CN = 74

Roof area, 3100 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 50.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	74.0	87.4
COD:	3919	4625
ARS rating:	46	48

--- (existing dairy 1996) Juneau County,
Opid: 152-A, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
57 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3500 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 1670 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 7.4	31.3
COD: 391	1654
ARS rating: 17	35

(existing heifer 1996) Juneau County,
Opid: 152-B, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Young Beef

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 2960 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 1350 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 7.1	35.8
COD: 374	1896
ARS rating: 17	37

(existing calf area 1996) Juneau County,
Opid: 152-C, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
67 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 4400 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 2820 sq. ft., Hydro = A, CN = 100

Farmstead, 3500 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	13.5	53.6
COD:	717	2838
ARS rating:	25	42

(existing 1996) Juneau County,
Opid: 154, Yard: 1, Segment: 1, NW 1/4 of Section: 36, Township: T14R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
10 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 13070 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = B, CN = 74

Roof area, 870 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 6.9	9.9
COD: 365	544
ARS rating: 16	21

(existing 1996) Juneau County,
Opid: 155, Yard: 1, Segment: 1, NW 1/4 of Section: 36, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
8 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 21780 sq. ft., Hydro = B, CN = 74
Roof area, 460 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 20.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 8.3	10.7
COD: 441	565
ARS rating: 19	22

(existing 1996) Juneau County,
Opid: 157-0, Yard: 1, Segment: 1, SE 1/4 of Section: 36, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

43 Dairy Cows

10 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 6050 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 2970 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 12.0 % slope, 200 feet.

Inventoried Channels:

Gully, 12.0 % slope, 200 feet.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 13.7	61.6
COD: 725	3262
ARS rating: 25	44

(existing segment A, 1996) Juneau County,
Opid: 160-0, Yard: 1, Segment: 1, SW 1/4 of Section: 31, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
8 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 13070 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Fair Pasture, surface constant = 0.15, 15.0 % slope, 15 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

	Inventoried 10-YR, 24-HR	Annual
Phosphorus:	3.3	6.1
COD:	156	294
ARS rating:	6	14

(existing 1996) Juneau County,
Opid: 161, Yard: 1, Segment: 1, NE 1/4 of Section: 31, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

42 Dairy Cows

38 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete, medium use, 4360 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Roof area, 1200 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 1.0 % slope, 60 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	0.4	1.7
COD:	19	87
ARS rating:	1	1

(existing 1996) Juneau County,
Opid: 163-1, Yard: 1, Segment: 1, NW 1/4 of Section: 32, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

There are no animals listed on the yard.

----- Inventoried Conditions -----

Lot is Earth, light use, 17420 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 870 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 30.0 % slope, 100 feet.

Contoured Row Crop, surface constant = 0.29, 8.0 % slope, 150 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 0.0	0.0
COD: 0	0
ARS rating: 0	0

(existing 1996) Juneau County,
Opid: 163-2, Yard: 1, Segment: 1, NW 1/4 of Section: 32, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
25 Swine
30 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 130680 sq. ft., Hydro = B, CN = 74
Roof area, 4360 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 35.0 % slope, 50 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 115.2	133.5
COD: 6098	7067
ARS rating: 52	54

(existing 1996) Sauk County,
Opid: 210-0, Yard: 1, Segment: 1, NW 1/4 of Section: 5, Township: T13NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
10 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 13070 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 130680 sq. ft., Hydro = B, CN = 74

Roof area, 1740 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 40.0 % slope, 200 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 36.6	34.8
COD: 1936	1845
ARS rating: 37	37

(existing 1996) Sauk County,
Opid: 220-0, Yard: 1, Segment: 1, SE 1/4 of Section: 6, Township: T13NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 10890 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Unpaved Animal Lot, 21780 sq. ft., Hydro = A, CN = 74

Roof area, 1740 sq. ft., Hydro = A, CN = 100

Contoured Row Crop, 87120 sq. ft., Hydro = B, CN = 74

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 60 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	16.8	15.5
COD:	791	735
ARS rating:	26	25

--- (existing 1996) Sauk County,
Opid: 220-0, Yard: 1, Segment: 1, SE 1/4 of Section: 6, Township: T13NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 10890 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Unpaved Animal Lot, 21780 sq. ft., Hydro = A, CN = 74
Roof area, 1740 sq. ft., Hydro = A, CN = 100
Contoured Row Crop, 87120 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 50.6	46.8
COD: 2679	2493
ARS rating: 41	41

(existing cattle 1996) Juneau County,
Opid: 244-0, Yard: 1, Segment: 2, NW 1/4 of Section: 10, Township: T13R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
16 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 2610 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 880 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	5.7	27.3
COD:	300	1447
ARS rating:	14	34

(existing hog/chicken 1996) Sauk County,
Opid: 244-0, Yard: 1, Segment: 1, NW 1/4 of Section: 10, Township: T13R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
25 Swine
150 Chickens

----- Inventoried Conditions -----

Lot is Concrete & earth, heavy use, 2180 sq. ft., without a settling basin.

Inventoried Tributary Areas:
Farmstead, 8710 sq. ft., Hydro = B, CN = 74
Roof area, 440 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 10.8	19.2
COD: 573	1018
ARS rating: 22	29

(existing '96) Sauk County,
Opid: 250-3, Yard: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 65340 sq. ft., Hydro = B, CN = 74

Roof area, 3050 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	62.8	80.8
COD:	3322	4277
ARS rating:	44	47

(existing 1996) Sauk County,
Opid: 252, Yard: 1, Segment: 1, SW 1/4 of Section: 11, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

35 Dairy Cows

20 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, medium use, 4790 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Roof area, 3050 sq. ft., Hydro = A, CN = 100

Farmstead, 43560 sq. ft., Hydro = B, CN = 74

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 25.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 22.7	35.5
COD: 1202	1893
ARS rating: 31	37

(existing 1996) Sauk County,
Opid: 265, Yard: 1, Segment: 1, NW 1/4 of Section: 23, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
40 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, heavy use, 21780 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 17420 sq. ft., Hydro = B, CN = 74

Roof area, 4360 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 37.0	95.5
COD: 1961	5054
ARS rating: 37	49

Appendix C

Effects on P Loading, Applying BMPs to Parcel 007



(gutters) Sauk County,
Opid: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
41 Dairy Cows
3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 2180 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 7.9	15.7
COD: 416	833
ARS rating: 18	27

(buffer) Sauk County,
Opid: 007, yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

41 Dairy Cows

3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 2180 sq. ft., Hydro = B, CN = 74

Roof area, 2180 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 2.6	10.1
COD: 126	483
ARS rating: 3	20

(gutters, diversion) Sauk County,
Opid: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

41 Dairy Cows
3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	6.2	14.8
COD:	327	786
ARS rating:	15	26

(buffer, gutters) Sauk County,
Opid: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

41 Dairy Cows
3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 2180 sq. ft., Hydro = B, CN = 74

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 1.7	3.5
COD: 83	166
ARS rating: 1	6

(gutter, yard) Sauk County,
Opia: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
41 Dairy Cows
3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., with a settling basin.

Inventoried Tributary Areas:
Farmstead, 2180 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 3.9	7.9
COD: 208	428
ARS rating: 9	18

(yard, buffer) Sauk County,
Opid: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

- 41 Dairy Cows
- 3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Farmstead, 2180 sq. ft., Hydro = B, CN = 74
Roof area, 2180 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

	Inventoried 10-YR, 24-HR	Annual
Phosphorus:	1.3	5.1
COD:	63	246
ARS rating:	1	11

(yard, buffer, gutters) Sauk County,
Opid: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

41 Dairy Cows
3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Farmstead, 2180 sq. ft., Hydro = B, CN = 74

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	0.9	1.7
COD:	42	83
ARS rating:	1	1

(buffer, gutters, divers) Sauk County,
Opid: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

41 Dairy Cows

3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 1.4	3.3
COD: 66	157
ARS rating: 1	6

(yard, buffer, gutter, div Sauk County,
Opid: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
41 Dairy Cows
3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	0.7	1.6
COD:	33	78
ARS rating:	1	1

(diversion) Sauk County,
Opid: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
41 Dairy Cows
3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 2180 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	10.2	44.9
COD:	541	2380
ARS rating:	21	40

(diversion, gutter, yard) Sauk County,
Opid: 007, Yard: 1, Segment: 1, NW 1/4 of Section: 6, Township: T13N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
41 Dairy Cows
3 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 4360 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/5/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 3.1	7.4
COD: 164	404
ARS rating: 6	18

Appendix C

Effects on P Loading, Applying BMPs to Parcel 037

(proposed 1996) Juneau County,
Opid: 037, Yard: 1, Segment: 1, NW 1/4 of Section: 18, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
150 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 43560 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 2.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	1.5	5.6
COD:	91	339
ARS rating:	1	15

(proposed 1996) Juneau County,
Opid: 037, Yard: 1, Segment: 1, NW 1/4 of Section: 18, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
150 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 43560 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 2.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	3.0	11.1
COD:	183	680
ARS rating:	8	24

(proposed 1996) Juneau County,
Opid: 037, Yard: 1, Segment: 1, NW 1/4 of Section: 18, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
90 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 43560 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:
Poor Pasture, surface constant = 0.01, 2.0 % slope, 50 feet.

Inventoried Channels:
Grassed Waterway, 2.0 % slope, 100 feet.

Inventoried by ??? on 4/1/97

	Inventoried 10-YR, 24-HR	Annual
Phosphorus:	42.6	158.7
COD:	1957	7286
ARS rating:	37	54

(proposed 1996) Juneau County,
Opid: 037, Yard: 1, Segment: 1, NW 1/4 of Section: 18, Township: T14NR4
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
90 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 43560 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 2.0 % slope, 50 feet.

Inventoried Channels:

Grassed Waterway, 2.0 % slope, 100 feet.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 21.3	79.4
COD: 978	3649
ARS rating: 29	45

Appendix C

Effects on P Loading, Applying BMPs to Parcel 103-1

(P, roof gutters) Juneau County,
Opid: 103-1, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N6E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3100 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = A, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

	Inventoried 10-YR, 24-HR	Annual
Phosphorus:	36.0	24.9
COD:	1906	1316
ARS rating:	37	32

(P, diversion) Juneau County,
Opid: 103-1, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N6E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3100 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 2200 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 7.8	37.6
COD: 416	1992
ARS rating: 18	38

(P, gutters & diversion) Juneau County,
Opid: 103-1, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N6E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3100 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	3.9	7.3
COD:	205	384
ARS rating:	9	17

(yard, gutters & diversion) Juneau County,
Opid: 103-1, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N6E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3100 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 1.9	3.6
COD: 102	202
ARS rating: 1	9

(yard & gutters) Juneau County,
Opid: 103-1, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N6E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3100 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Farmstead, 43560 sq. ft., Hydro = A, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	18.0	12.4
COD:	953	668
ARS rating:	28	24

(gutters, diversion, buffer Juneau County,
Opid: 103-1, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N6E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3100 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	0.9	1.6
COD:	41	75
ARS rating:	1	1

(buffer) Juneau County,
Opid: 103-1, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N6E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3100 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 2200 sq. ft., Hydro = A, CN = 100

Farmstead, 43560 sq. ft., Hydro = A, CN = 74

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 8.8	12.2
COD: 424	584
ARS rating: 18	22

Appendix C

Effects on P Loading, Applying BMPs to Parcel 103-2



(diversion) Juneau County,
Opid: 103-2, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Young Beef
35 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 3100 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 3100 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 50.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	9.7	52.1
COD:	516	2760
ARS rating:	21	42

(gutters, diversion, yard) Juneau County,
Opid: 103-2, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

35 Young Beef

35 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 3100 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 50.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 2.1	4.6
COD: 109	256
ARS rating: 1	12

(gutters) Juneau County,
OpId: 103-2, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Young Beef
35 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 3100 sq. ft., without a settling basin.

Inventoried Tributary Areas:
Farmstead, 87120 sq. ft., Hydro = B, CN = 74

Inventoried Buffer Areas:
Poor Pasture, surface constant = 0.01, 50.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 68.4	44.5
COD: 3622	2357
ARS rating: 45	40

(yard) Juneau County,
Opid: 103-2, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Young Beef
35 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 3100 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Farmstead, 87120 sq. ft., Hydro = B, CN = 74
Roof area, 3100 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 50.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 37.0	43.7
COD: 1959	2330
ARS rating: 37	40

(yard, gutters) Juneau County,
Opid: 103-2, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Young Beef
35 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 3100 sq. ft., with a settling basin.

Inventoried Tributary Areas:
Farmstead, 87120 sq. ft., Hydro = B, CN = 74

Inventoried Buffer Areas:
Poor Pasture, surface constant = 0.01, 50.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	34.2	22.3
COD:	1811	1188
ARS rating:	36	31

(yard) Juneau County,
Opid: 103-1, Yard: 1, Segment: 1, NE 1/4 of Section: 25, Township: 12N6E
Watershed: BAR, Subshed: RL, On: upland, Soil: LfC2, To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
60 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3100 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Roof area, 2200 sq. ft., Hydro = A, CN = 100

Farmstead, 43560 sq. ft., Hydro = A, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	20.0	27.6
COD:	1059	1478
ARS rating:	30	34

Appendix C

Effects on P Loading, Applying BMPs to Parcel 152-A



(gutters, buffer) Juneau County,
Opid: 152-A, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
57 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3500 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:
Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

	Inventoried 10-YR, 24-HR	Annual
Phosphorus:	1.0	1.8
COD:	46	85
ARS rating:	1	1

(gutters) Juneau County,
Opid: 152-A, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
57 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3500 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	4.4	8.2
COD:	231	433
ARS rating:	11	18

(buffer) Juneau County,
Opid: 152-A, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
57 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3500 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 1670 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 1.6	6.9
COD: 78	330
ARS rating: 1	15

(yard, gutters, buffer) Juneau County,
Opid: 152-A, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
57 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3500 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

	Inventoried 10-YR, 24-HR	Annual
Phosphorus:	0.5	0.9
COD:	23	43
ARS rating:	1	1

(yard, gutters) Juneau County,
Opid: 152-A, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
57 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3500 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 4.4	8.2
COD: 231	433
ARS rating: 11	18

Al Treptow (yard) Juneau County,
Opid: 152-A, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
57 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3500 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Roof area, 1670 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 3.7	15.6
COD: 196	843
ARS rating: 8	27

(yard, buffer) Juneau County,
Opid: 152-A, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
57 Dairy Cows

----- Inventoried Conditions -----

Lot is Earth, medium use, 3500 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Roof area, 1670 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 0.8	3.4
COD: 39	171
ARS rating: 1	7

Appendix C

Effects on P Loading, Applying BMPs to Parcel 152-B

(buffer, yard, gutters) Juneau County,
Opid: 152-B, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Young Beef

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 2960 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	0.5	1.9
COD:	24	91
ARS rating:	1	1

(buffer, yard) Juneau County,
upid: 152-B, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Young Beef

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 2960 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Roof area, 1350 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 0.8	3.9
COD: 37	192
ARS rating: 1	8

(buffer, gutters) Juneau County,
Opid: 152-B, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Young Beef

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 2960 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 1.0	3.8
COD: 49	180
ARS rating: 1	7

(buffer) Juneau County,
Opid: 152-B, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Young Beef

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 2960 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 1350 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 1.6	7.9
COD: 75	381
ARS rating: 1	17

(yard) Juneau County,
Opid: 152-B, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Young Beef

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 2960 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Roof area, 1350 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	3.5	17.9
COD:	187	964
ARS rating:	8	29

(gutters, yard) Juneau County,
Opid: 152-B, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:

20 Young Beef

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 2960 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 2.3	8.6
COD: 122	470
ARS rating: 3	20

(gutters) Juneau County,
Opid: 152-B, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
20 Young Beef

----- Inventoried Conditions -----

Lot is Concrete, heavy use, 2960 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 4.6	17.2
COD: 244	910
ARS rating: 11	28

Appendix C

Effects on P Loading, Applying BMPs to Parcel 152-C

(gut+ers, diversion) Juneau County,
Opid: 152-C, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
67 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 4400 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	5.9	13.2
COD:	310	698
ARS rating:	14	24

(gutters) Juneau County,
Opid: 152-C, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
67 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 4400 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 3500 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 8.4	14.6
COD: 447	773
ARS rating: 19	26

(yard) Juneau County,
Opid: 152-C, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
67 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 4400 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Farmstead, 3500 sq. ft., Hydro = B, CN = 74
Roof area, 2820 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 6.8	26.8
COD: 359	1436
ARS rating: 16	34

(diversion) Juneau County,
Opid: 152-C, Yard: 1, Segment: 1, SE 1/4 of Section: 35, Township: T14NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
67 Dairy Young Stock

----- Inventoried Conditions -----

Lot is Earth, heavy use, 4400 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 2820 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	11.0	52.1
COD:	581	2763
ARS rating:	22	42

Appendix C

Effects on P Loading, Applying BMPs to Parcel 154

(improved drainage 1996) Juneau County,
Opid: 154, Yard: 1, Segment: 1, NW 1/4 of Section: 36, Township: T14R3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
10 Slaughter Steers

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 13070 sq. ft., with a settling basin.

Inventoried Tributary Areas:
Farmstead, 43560 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	6.7	8.3
COD:	354	450
ARS rating:	16	19

Appendix C

Effects on P Loading, Applying BMPs to Parcel 157-0

(buffer) Juneau County,
Opid: 157-0, Yard: 2, Segment: 1, SE 1/4 of Section: 36, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Dairy Cows

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 6050 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 2970 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 12.0 % slope, 200 feet.

Designed Overland Filter, surface constant = 1.02, 12.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 3.3	14.8
COD: 158	710
ARS rating: 6	25

(buffer, gutters) Juneau County,
Opid: 157-0, Yard: 2, Segment: 1, SE 1/4 of Section: 36, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Dairy Cows

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 6050 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 12.0 % slope, 200 feet.
Designed Overland Filter, surface constant = 1.02, 12.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 2.0	4.9
COD: 96	235
ARS rating: 1	11

(gutters) Juneau County,
Opid: 157-0, Yard: 2, Segment: 1, SE 1/4 of Section: 36, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Dairy Cows

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 6050 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 12.0 % slope, 200 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	8.3	20.6
COD:	441	1089
ARS rating:	19	30

(yard) Juneau County,
Opid: 157-0, Yard: 2, Segment: 1, SE 1/4 of Section: 36, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Dairy Cows

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 6050 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Roof area, 2970 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 12.0 % slope, 200 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 6.9	30.8
COD: 363	1648
ARS rating: 16	35

(yard, buffer) Juneau County,

Opid: 157-0, Yard: 2, Segment: 1, SE 1/4 of Section: 36, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Dairy Cows

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 6050 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Roof area, 2970 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 12.0 % slope, 200 feet.

Designed Overland Filter, surface constant = 1.02, 12.0 % slope, 200 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 0.6	2.7
COD: 32	145
ARS rating: 1	5

(yard, buffer, gutters) Juneau County,
Opid: 157-0, Yard: 2, Segment: 1, SE 1/4 of Section: 36, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Dairy Cows

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 6050 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 12.0 % slope, 200 feet.

Designed Overland Filter, surface constant = 1.02, 12.0 % slope, 200 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	0.4	0.9
COD:	20	48
ARS rating:	1	1

(yard, gutters) Juneau County,

Opid: 157-0, Yard: 2, Segment: 1, SE 1/4 of Section: 36, Township: 14N3E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
35 Dairy Cows

----- Inventoried Conditions -----

Lot is Concrete & earth, medium use, 6050 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 12.0 % slope, 200 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 4.2	10.3
COD: 220	556
ARS rating: 10	22

Appendix C

Effects on P Loading, Applying BMPs to Parcel 163-1

(proposed grassway 1996) Juneau County,

Opid: 163-1, Yard: 1, Segment: 1, NW 1/4 of Section: 32, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
30 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, light use, 17420 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 870 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 20.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	2.8	5.4
COD:	134	260
ARS rating:	4	12

(proposed diversion 1984) Juneau County,

Opid: 163-1, Yard: 1, Segment: 1, NW 1/4 of Section: 32, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
30 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, light use, 17420 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

Inventoried Buffer Areas:

Poor Pasture, surface constant = 0.01, 30.0 % slope, 100 feet.
Contoured Row Crop, surface constant = 0.29, 8.0 % slope, 150 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/3/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	4.2	6.0
COD:	195	280
ARS rating:	8	13

Appendix C

Effects on P Loading, Applying BMPs to Parcel 163-2

(proposed filter 1996) Juneau County,

Opid: 163-2, Yard: 1, Segment: 1, NW 1/4 of Section: 32, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
25 Swine
30 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 130680 sq. ft., Hydro = B, CN = 74
Roof area, 4360 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 35.0 % slope, 20 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 81.9	94.9
COD: 3756	4353
ARS rating: 46	48

(proposed diversion 1996) Juneau County,
Opid: 163-2, Yard: 1, Segment: 1, NW 1/4 of Section: 32, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
25 Swine
30 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 8710 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	10.9	20.4
COD:	575	1078
ARS rating:	22	30

(proposed filter 1996) Juneau County,

Opid: 163-2, Yard: 1, Segment: 1, NW 1/4 of Section: 32, Township: 14N4E
Watershed: BAR, Subshed: RL, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
25 Swine
30 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 8710 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 130680 sq. ft., Hydro = B, CN = 74
Roof area, 4360 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Channel Filter, surface constant = 0.73, 20.0 % slope, 50 feet.
Designed Overland Filter, surface constant = 1.02, 35.0 % slope, 20 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 3/31/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 56.8	65.8
COD: 2632	3051
ARS rating: 41	43

Appendix C

Effects on P Loading, Applying BMPs to Parcel 250-3

(diversion) Sauk County,
Opid: 250-3, Yard: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Roof area, 3050 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	12.4	54.4
COD:	656	2878
ARS rating:	24	42

(gutters) Sauk County,
Opid: 250-3, Yard: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 65340 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	57.1	38.7
COD:	3023	2046
ARS rating:	43	38

(gutters, diversion) Sauk County,
Opid: 250-3, Yard: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., without a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 6.7	12.2
COD: 357	647
ARS rating: 16	24

(gutters, yard, div) Sauk County,
Opid: 250-3, Yard: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., with a settling basin.

There are no tributary areas listed above the Inventoried lot.

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 3.4	6.1
COD: 178	333
ARS rating: 7	15

(gutters, yard) Sauk County,
Opid: 250-3, Yard: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., with a settling basin.

Inventoried Tributary Areas:
Farmstead, 65340 sq. ft., Hydro = B, CN = 74

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	28.5	19.3
COD:	1511	1033
ARS rating:	34	29

(buffer, gutters, y) Sauk County,
Opid: 250-3, Yard: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Farmstead, 65340 sq. ft., Hydro = B, CN = 74

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR,24-HR	Annual
Phosphorus: 6.3	4.3
COD: 303	205
ARS rating: 14	9

(buffer, gutters) Sauk County,

Opid: 250-3, Yard: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 65340 sq. ft., Hydro = B, CN = 74

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	12.6	8.5
COD:	606	408
ARS rating:	23	18

(buffer) Sauk County,
Opid: 250-3, Yard: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., without a settling basin.

Inventoried Tributary Areas:

Farmstead, 65340 sq. ft., Hydro = B, CN = 74

Roof area, 3050 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried 10-YR, 24-HR	Annual
Phosphorus: 13.8	17.8
COD: 666	857
ARS rating: 24	27

(yard, buffer) Sauk County,
Opid: 250-3, Yaru: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Farmstead, 65340 sq. ft., Hydro = B, CN = 74

Roof area, 3050 sq. ft., Hydro = A, CN = 100

Inventoried Buffer Areas:

Designed Overland Filter, surface constant = 1.02, 10.0 % slope, 100 feet.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR, 24-HR	Annual
Phosphorus:	6.9	8.9
COD:	333	430
ARS rating:	15	18

(yard) Sauk County,
Opid: 250-3, yard: 3, Segment: 1, NE 1/4 of Section: 27, Township: T13NR3
Watershed: BAR, Subshed: LR, On: upland, Soil: , To: surface water
Old ID , NPS Eligibility: Unspecified, Status: Inventoried

Animals on the yard:
22 Slaughter Steers

----- Inventoried Conditions -----

Lot is Earth, medium use, 5230 sq. ft., with a settling basin.

Inventoried Tributary Areas:

Farmstead, 65340 sq. ft., Hydro = B, CN = 74

Roof area, 3050 sq. ft., Hydro = A, CN = 100

There are no buffer areas listed below the Inventoried lot.

There are no channels listed below the Inventoried lot.

Inventoried by ??? on 4/1/97

Inventoried	10-YR,24-HR	Annual
Phosphorus:	31.4	40.4
COD:	1661	2154
ARS rating:	35	39