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FINAL REPORT for BLACKS FORK RIVER WATERSHED STUDY, LEVEL I

PHASE II UPPER BLACKS FORK

Prepared for:

Wyoming Water Development Commission 6920 Yellowtail Road Cheyenne, WY 82002

Prepared by:

Anderson Consulting Engineers, Inc. 375 E. Horsetooth Road, Bldg. 5 Fort Collins, CO 80525 (ACE Project No. WYWDC34)

January 2015



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TABLE OF CONTENTS

I.	INTRODUCTION AND OVERVIEW				
	1.1				
	1.2	Projec	t Manager	nent and Report Organization	1.1
II.	PHASE I	I STUD	y area de	SCRIPTION AND INVENTORY	2.1
	2.1	Overvi	ew		2.1
	2.2	Land L	Jses and A	ctivities	2.1
		2.2.1		nership	
		2.2.2	Range Co	onditions/Grazing Practices	2.5
			2.2.2.1	Grazing Allotments Administration	2.5
			2.2.2.2	Existing Water Supply	2.5
			2.2.2.3	Ecological Site Descriptions	2.7
		2.2.3	Mining a	nd Mineral Resources	2.13
		2.2.4	Wildlife.		2.14
			2.2.4.1	General	2.14
			2.2.4.2	Sage Grouse	2.16
			2.2.4.3	Wild Horses	2.23
			2.2.4.4	WGF Crucial Habitat Areas	2.23
	2.3	Natura	al Environr	nent	2.30
		2.3.1	Vegetati	on and Land Cover	2.30
			2.3.1.1	Wyoming GAP Analysis	2.30
			2.3.1.2	NLCD	2.31
			2.3.1.3	LANDFIRE	2.31
			2.3.1.4	WYNDD	2.36
			2.3.1.5	Wetlands	2.36
III.	PHASE I	I WATE	ERSHED MA	ANAGEMENT AND REHABILITATION PLAN	
	(UPPER	BLACK	S FORK RIV	/ER SUBREGION)	3.1
	3.1	Overvi	ew		3.1
	3.2	Irrigati	on System	Rehabilitation Projects (Watershed Plan Components "I")	3.2
		3.2.1		ough I-008 Twin Buttes Canal Measurement Devices	
				ID: Eyre-001, Eyre 002, Eyre 003 and Eyre 004)	
		3.2.2		aham Reservoir Enhancement Project (Project ID: Kofford 003	-
		3.2.3	I-010 Gr	aham Reservoir Supply Ditch (Project ID: Kofford 004)	3.7

i

I-011 Bridger Butte Canal Farm Turnout Rehabilitation

3.2.4

			(Project ID: Mecham 001)	3.7
		3.2.5	I-012: Bridger Butte Canal Diversion Structure Rehabilitation	
			(Project ID: Mecham 002)	3.10
		3.2.6	I-013 Twin Buttes Canal Diversion Rehabilitation (Project ID: Micheli-001)	3.11
	3.3	Upland	d Wildlife/Livestock Watering Sources (Watershed Management Plan	
		Compo	onent L/W)	3.11
		3.3.1	L/W-019 through L/W-036 Company Ranch Projects (Project IDs CR-001	2.45
		222	through CR-18)	3.15
		3.3.2	L/W-037: West Fork of Smith Fork Pipeline Project	2.46
			(Project ID: Hamilton 001)	
		3.3.3	L/W-038: Cold Spring Pipeline Project (Project ID: Hamilton 002)	3.20
		3.3.4	L/W-039: Wildflower Spring Development Project 1	2.20
			(Project ID: Kofford 001)	
		3.3.5	L/W-040: Clifford Spring Development (Project ID: Kofford 002)	
		3.3.6	UDC Projects	3.23
	3.4		g Management Opportunities (Watershed Management Plan	
		Compo	onent G)	3.25
		3.4.1	State and Transition Models	3.25
	3.5	Water	Storage Opportunities	3.29
		3.5.1	S-002 Meeks Cabin Reservoir Enlargement	3.31
		3.5.2	S-003 Stateline Reservoir Enlargement	
		3.5.3	S-006 Austin Reservoir (Isom Reservoir) Rehabilitation	
		3.5.4	S-007 Moslander Reservoir Enlargement	
		3.5.5	S-008 Cottonwood Reservoir Enlargement / Rehabilitation	
		3.5.6	S-010 Horse Creek Reservoir Construction	
		3.5.7	S-011 West Fork Smiths Fork Reservoir Construction	
IV.	COST E	ESTIMAT	ES	4.1
	4.1	Phase	II Conceptual Cost Estimates	Д1
			ii conceptuul cost Estimutes	

LIST OF FIGURES

Figure 1.1-1	Blacks Fork Watershed: Location Map	1.2
Figure 1.2-1	Blacks Fork Watershed: Project Phases	
Figure 2.1-1	Blacks Fork Watershed Phase II: Phase Boundary and Subregions	
Figure 2.2-1	Blacks Fork Watershed Phase II: Land Ownership and Management	
Figure 2.2-2	Distribution of Phase II Study Area among Counties	
Figure 2.2-3	Distribution of Land Ownership within the Phase II Study Area	
Figure 2.2-4	Blacks Fork Watershed Phase II: BLM Grazing Allotments and USFS Rangeland	
0	Management Units	2.6
Figure 2.2-5	Blacks Fork Watershed Phase II: Stock Reservoir Evaluation	
Figure 2.2-6	Blacks Fork Watershed Phase II: Existing Upland Water Sources	
Figure 2.2-7	Blacks Fork Watershed Phase II: Predominant Ecological Sites of Management	
	Relevance	2.10
Figure 2.2-8	Blacks Fork Watershed Phase II: Current Mine Permits and Abandoned	
	Mine Lands	2.15
Figure 2.2-9	WDEQ Abandoned Coal Mine near Muddy Creek (Phase II Study Area)	
Figure 2.2-10	Blacks Fork Watershed Phase II: Antelope Habitat	
Figure 2.2-11	Blacks Fork Watershed Phase II: Elk Habitat	
Figure 2.2-12	Blacks Fork Watershed Phase II: Moose Habitat	
Figure 2.2-13	Blacks Fork Watershed Phase II: Mule Deer Habitat	
Figure 2.2-14	Blacks Fork Watershed Phase II: Sage Grouse Leks and Core Areas	
Figure 2.2-15	Blacks Fork Watershed Phase II: Wild Horse Management Areas	
Figure 2.2-16	Blacks Fork Watershed Phase II: Habitat Priority Areas	
Figure 2.3-1	Blacks Fork Watershed Phase II: Wyoming GAP Analysis	
Figure 2.3-2	Blacks Fork Watershed Phase II: LANDFIRE Wetlands Classes	
Figure 3.2-1	Blacks Fork Watershed Phase II: Proposed Irrigation Project Locations	3.3
Figure 3.2-2	Conceptual Design I-005 through I-008: Twin Buttes Canal	
· ·	Measurement Devices (Eyre 001 through 004)	3.5
Figure 3.2-3	Conceptual Design I-009: Graham Reservoir Enhancement Project	
J	(Kofford 003)	3.6
Figure 3.2-4	Conceptual Design I-010: Graham Reservoir Supply Ditch	
· ·	(Kofford 004)	3.8
Figure 3.2-5	Failing Farm Turnout Headgate on Bridger Butte Canal	3.7
Figure 3.2-6	Conceptual Design I-011: Bridger Butte Canal Farm	
_	Turnout Rehabilitation (Mecham 001)	3.9
Figure 3.2-7	Bridger Butte Diversion Structure	
Figure 3.2-8	Conceptual Design I-012: Bridger Butte Canal Diversion	
_	Structure Rehabilitation (Mecham 002)	3.12
Figure 3.2-9	Conceptual Design I-013: Twin Buttes Canal Diversion	
-	Rehabilitation Micheli-001)	3.13
Figure 3.3-1	Blacks Fork Watershed Phase II: Existing Water Sources with 1 Mile Buffer	
Figure 3.3-2	Blacks Fork Watershed Phase II: Proposed Livestock / Wildlife	
	Upland Project Locations	3.17

Figure 3.3-3	L/W-019 through L/W-036: Company Ranch Proposed Project Locations	3.18
Figure 3.3-4	Conceptual Design L/W-037: West Fork of Smith Fork	
	Pipeline Project (Hamilton 001)	3.19
Figure 3.3-5	Conceptual Design L/W-038: Cold Spring Pipeline Project (Hamilton 002)	3.21
Figure 3.3-6	Conceptual Design L/W-039: Wildflower Spring	
	Development Project 1 (Kofford 001)	3.22
Figure 3.3-7	Conceptual Design L/W-040: Clifford Spring Development (Kofford 002)	3.24
Figure 3.4-1	State and Transition Model: Saline Upland (SU) 7-9" Green	
	River and Great Divide Basins	3.27
Figure 3.4-2	State and Transition Model: Shallow Loamy (SwLy) 7-9" Green	
	River and Great Divide Basins	
Figure 3.4-3	State and Transition Model: Sandy (Sy) 7-9" Green River and Great Divide Basins	3.30
Figure 3.5-1	Blacks Fork Watershed Phase II: Proposed Storage Project Locations	
Figure 3.5-2	Meeks Cabin Reservoir Overview Map	
Figure 3.5-3	Stateline Reservoir Overview Map	3.34
Figure 3.5-4	Austin Reservoir Overview Map	
Figure 3.5-5	Moslander Reservoir Overview Map	3.35
Figure 3.5-6	Cottonwood Reservoir Overview Map	
Figure 3.5-7	Proposed Horse Creek Reservoir Overview Map	
Figure 3.5-8	Proposed West Fork Smiths Fork Reservoir Overview Map	3.39
	LIST OF TABLES	
Table 1.2-1	Blacks Fork Watershed Investigation, Level 1: Project Phases	1.3
Table 2.2-1	Tabulation of Existing Mine Permits Phase II Study Area (WDEQ 2014)	2.14
Table 2.2-2	Wyoming Natural Diversity Database: Wildlife Species in the Phase II	
	Study Area	2.21
Table 2.3-1	Tabulation of National Land Cover Database: Phase II Subregions	2.33
Table 2.3-2	Tabulation of LANDFIRE Existing Vegetation Type Data:	
	Phase II Little Muddy Subregion	2.34
Table 2.3-3	Tabulation of LANDFIRE Existing Vegetation Type Data:	
	Phase II Middle Blacks Fork Subregion	2.34
Table 2.3-4	Tabulation of LANDFIRE Existing Vegetation Type Data:	
	Phase II Muddy Subregion	2.35
Table 2.3-5	Tabulation of LANDFIRE Existing Vegetation Type Data:	
	Phase II Smiths Fork Subregion	
Table 2.3-6	Wyoming Natural Diversity Database: Flowering Plants by Subregion	
Table 2.3-7	Tabulation of NWI Wetlands by Subregion	
Table 2.3-8	Tabulation of LANDFIRE Wetlands Data: Phase II Subregions	
Table 3.2-1	Watershed Plan Component: Irrigation Rehabilitation Projects (I)	
Table 3.3-1	Watershed Plan Component: Livestock/Wildlife Supply Projects (L/W)	
Table 3.3-2	UDC Project Construction Components	
Table 3.5-1	Phase II Water Storage Opportunities	
Table 4.1-1	Conceptual Cost Estimates: Phase II Irrigation System Components	4.2

Table 4.1-2	Conceptual Cost Estimates: Phase II Livestock / Wildlife (L/W) Components	. 4.3
Table 4.1-3	Conceptual Cost Estimates: Phase II Livestock / Wildlife (L/W) Components (UDC)	. 4.5
Table 4.1-4	Conceptual Cost Estimates: Storage Opportunities	. 4.6

LIST OF APPENDICES

Appendix 2A: Allotment Listing

Appendix 2B: Stock Reservoir Evaluation

Appendix 3A: Company Ranch Project Descriptions

I. INTRODUCTION AND OVERVIEW

1.1 Introduction

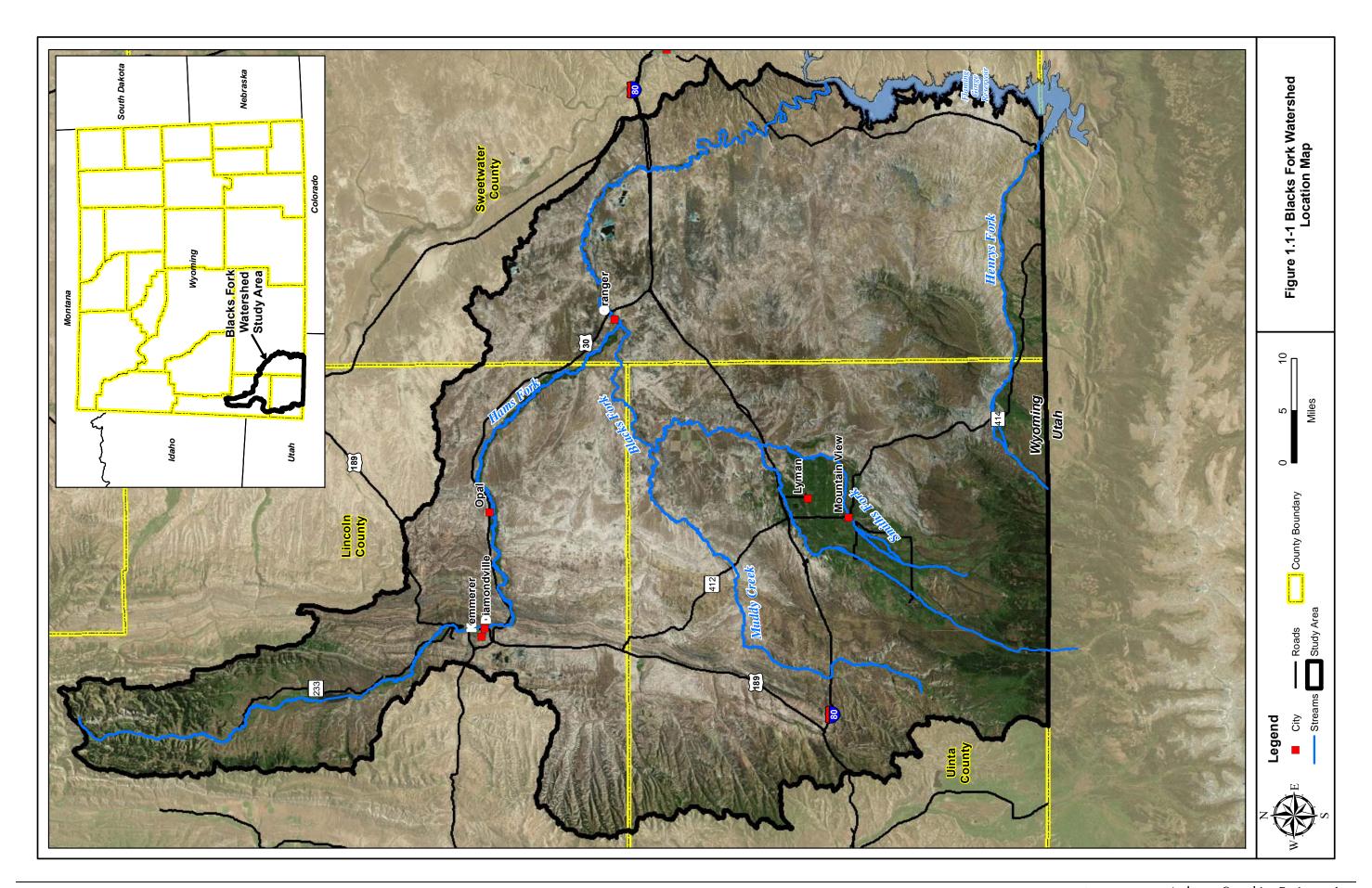
The Blacks Fork Watershed Level I Investigation was completed on behalf of the Uinta, Lincoln and Sweetwater County Conservation Districts. The primary goal of the was to combine all existing data with data collected and generated from this study to form a comprehensive Watershed Management and Rehabilitation Plan. The purpose and objectives of the project are itemized below:

- Facilitate consensus building among the Advisory Committee, the Conservation District, landowners and the Wyoming Water Development Commission.
- Facilitate public participation.
- Conduct an evaluation and description of the Blacks Fork River watershed, including quantity and quality of surface water resources, and riparian/upland conditions.
- Conduct a geomorphic investigation of the primary channels within the watershed and identify potential mitigation measures to improve impaired channel reaches.
- Conduct an irrigation system inventory and develop a rehabilitation plan for those ditches expressing an interest to participate.
- Conduct an evaluation of water storage needs and opportunities to augment water available for livestock and wildlife.
- Develop a watershed management plan which identifies problem areas within the watershed and proposes practical economic solutions.
- Identify permits easements and clearances necessary for plan implementation.
- Develop cost estimates for improvements.
- Complete an economic Analysis and evaluate alternative sources of funding.

The project study area is defined as the subbasin of the Upper Green River delineated by the Blacks Fork River Watershed (HUC 14040107) and Muddy Creek (HUC 14040108). In addition, the Henrys Fork / Upper Green-Flaming Gorge watershed (HUC 14040106) and smaller subbasins directly tributary to Flaming Gorge Reservoir were included. Figure 1.1-1 shows the general location of the watershed within the State of Wyoming.

1.2 Project Management and Report Organization

Due to the vast extent of the project study area and the range of conditions found within it, completion of the project was divided into three geographical phases, each with its own report volume containing information pertinent specifically to that region. A fourth volume, the Basinwide Summary, contains information deemed more appropriate for discussion at the basinwide watershed level as well as a collation of all watershed plan components reported in the individual volumes.



As indicated in Figure 1.2-1 and tabulated in Table 1.2-1, the project study area was divided into three subregions defined as follows:

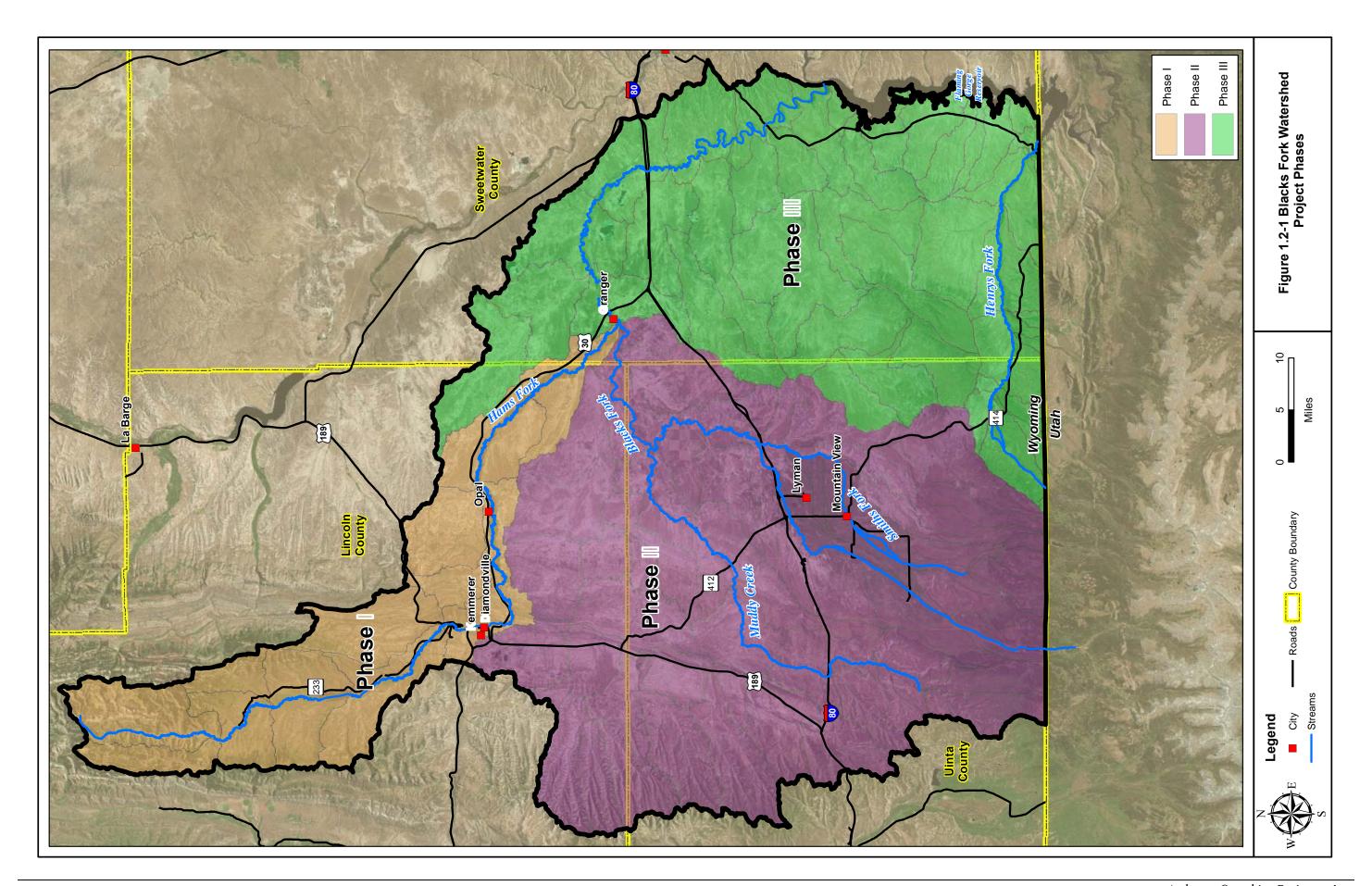
Phase I	Hams Fork	(Volume I)
Phase II	Upper Blacks Fork	(Volume II)
Phase III	Lower Blacks Fork	(Volume III)

This volume of the project report presents the Phase 2: Upper Blacks Fork watershed inventory and watershed management plan.

Throughout this report, reference will be made where the reader should refer to Volumes I, II, or III for more specific information. Likewise, Volumes I, II, and III cross reference back to this Basinwide Volume where appropriate.

Table 1.2-1 Blacks Fork Watershed Investigation, Level 1: Project Phases.

Phase	10th Order HUC	Watershed Name	
Phase I:	1404010706	Upper Hams Fork	
Pilase I.	1404010707	Lower Hams Fork	
	1404010803	Albert Creek	
	1404010703	Cottonwood Creek	
	1404010705	Dry Muddy Creek	
Phase II:	1404010802	Little Muddy Creek	
Pilase II.	1404010704	Middle Blacks Fork	
	1404010801	Muddy Creek	
	1404010702	Smiths Fork	
	1404010701	Upper Blacks Fork	
	1404010710	Big Dry Creek	
	1404010708	Lower Blacks Fork	
Phase III:	1404010604	Lower Henrys Fork	
Filase III.	1404010602	Middle Flaming Gorge Reservoir	
	1404010709	Sevenmile Gulch	
	1404010603	Upper Henrys Fork	



II. PHASE II STUDY AREA DESCRIPTION AND INVENTORY

2.1 Overview

This chapter of the Blacks Fork Watershed Level I Investigation is intended to be used in conjunction with the Basinwide volume of the watershed study report; it was not created as a standalone document. Where appropriate, the reader is directed to the Basinwide volume for pertinent information.

As indicated in Figure 2.1-1, the Phase II study area has been subdivided into four subregions:

- Little Muddy
- Middle Blacks Fork
- Muddy Creek
- Smiths Fork

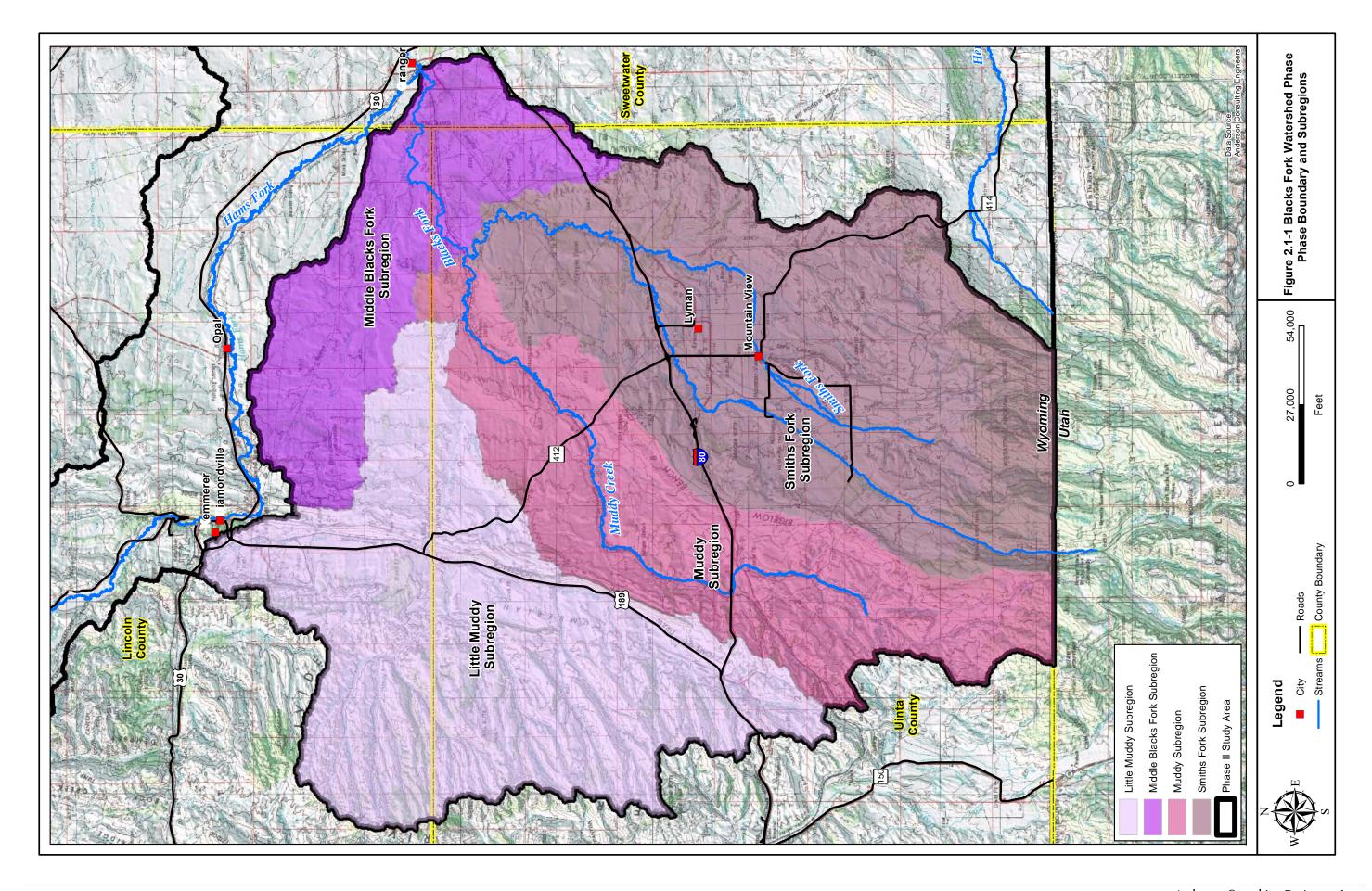
In the following paragraphs, various datasets are discussed in accordance with these subregions. The purpose of this effort is to enable data evaluation at a greater level of detail than would be provided when discussing the Phase II study area as a whole.

2.2 Land Uses and Activities

2.2.1 Land Ownership

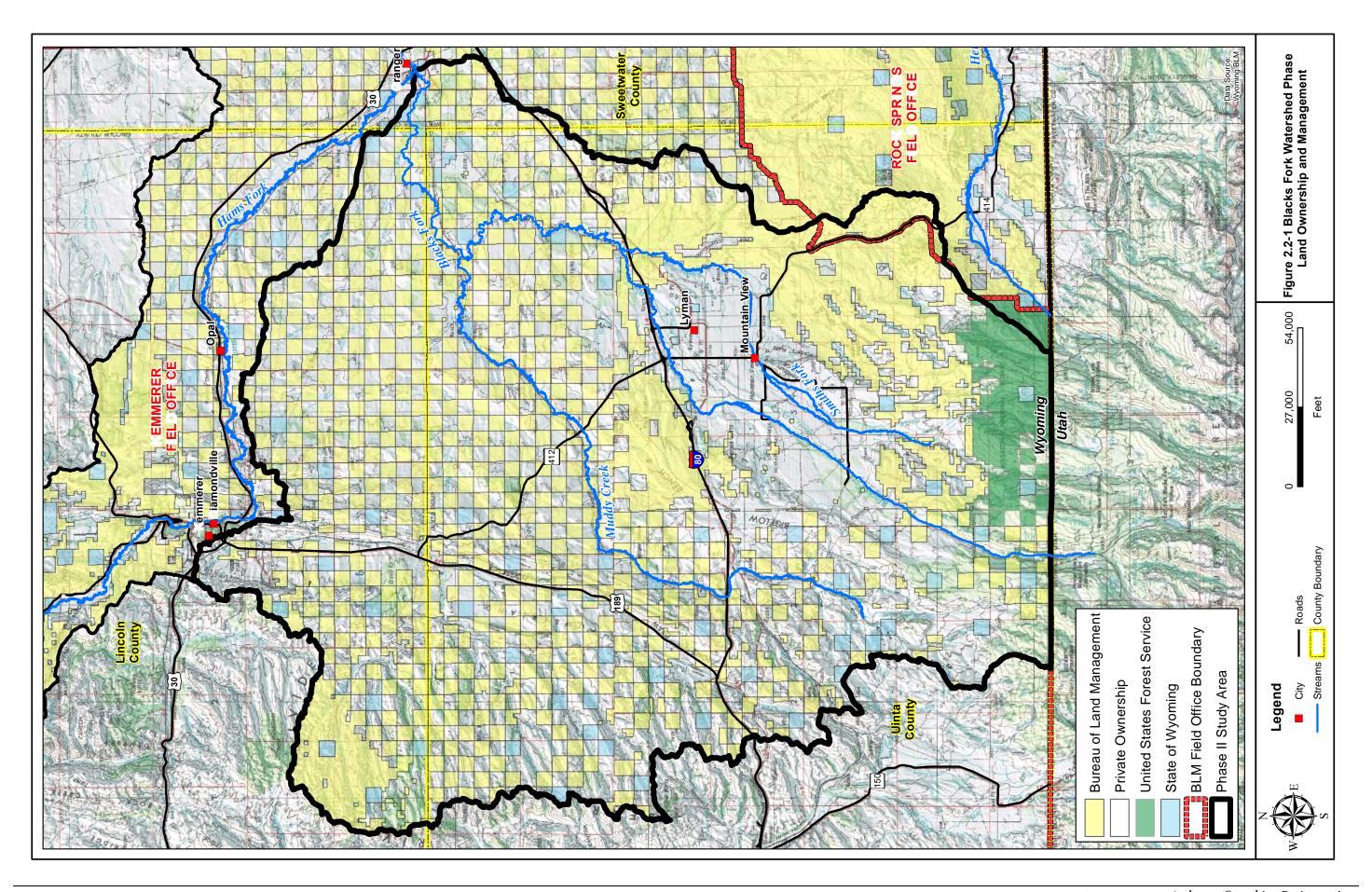
The total land area within the Phase II study area is approximately 1,184,122 acres (1,850.2 square miles). Figure 2.2-1 presents a map indicating the various land ownership categories within the Phase II study area. Uinta County comprises the majority of the area (1,414.2 square miles or 76.4 percent). Lincoln County comprises approximately 405.6 square miles (21.9 percent) and Sweetwater County comprises the remaining 30.4 square miles (1.6 percent) (Figure 2.2-2).

Land ownership information was obtained from the Bureau of Land Management (BLM) and the assessor's offices of the three counties involved and incorporated into the project GIS. According to this data, the majority of the land in the Phase II study area is privately owned (996.3 square miles or 53.8 percent). Approximately 738.6 square miles (39.9 percent) of the study area is owned and administered by the Bureau of Land Management (BLM). The State of Wyoming owns and administers 61.2 square miles (3.3 percent) of land in the Phase II study area and the United States Forest Service (51.4 square miles or 2.8 percent) rounds out the surface ownership within the study area. A pie chart displaying the relative percentage of land ownership within the watershed is presented as Figure 2.2-3.



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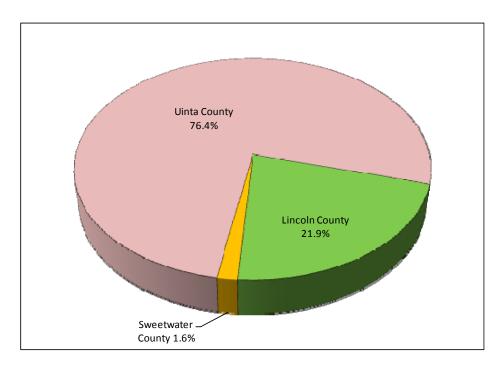


Figure 2.2-2 Distribution of Phase II Study Area among Counties.

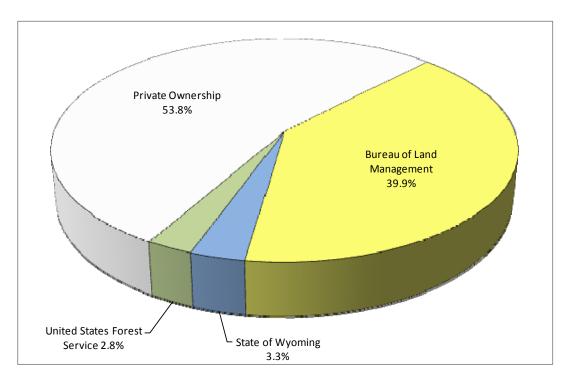


Figure 2.2-3 Distribution of Land Ownership within the Phase II Study Area.

The northern half of the study area (north of Lyman) is dominated by an area referred to as the "checkerboard". The checkerboard is a landownership pattern resulting from alternating federal and private land ownership. This pattern is a remnant of the Union Pacific Act of 1862 with which Congress granted every other section (one square mile) of land within ten miles of the railroad to the Union Pacific, which tried to sell it to raise capital for railroad construction. The strip along the railroad was later extended to twenty miles. The premise was that land values would increase following railroad construction and that the railroad company could then sell the land at a profit (BLM, 2014 at www.blm.gov).

Note: The Project GIS includes detailed land ownership information (name, address, etc.) for individual parcels in Uinta, Lincoln and Sweetwater Counties. The data were obtained directly from the respective county assessor's offices and reflect ownership status as of the dates of their retrieval (Fall of 2013).

2.2.2 Range Conditions/Grazing Practices

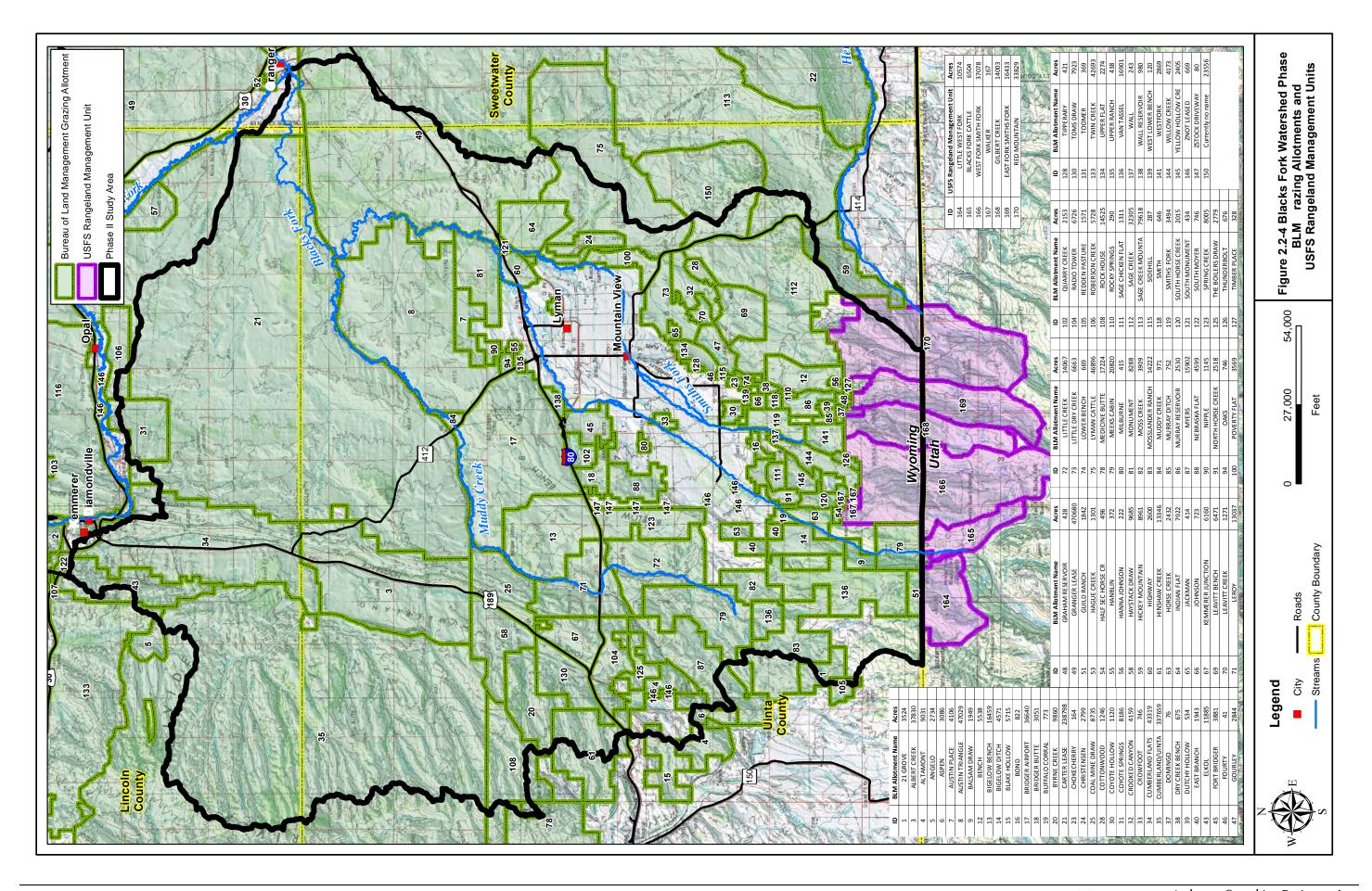
2.2.2.1 Grazing Allotments Administration

Grazing on federal lands within the Phase II study area is administered by the United States Forest Service and the Bureau of Land Management. The USFS-administered allotments (sometimes referred to as rangeland management units or RMUs) are located at higher elevations within the Uinta-Wasatch-Cache National Forest on the southern border of the study area. There are 7 USFS individual allotments and 109 BLM allotments as indicated in Figure 2.2-4. These allotments consist entirely of federal lands. Note that some of these allotments may be located primarily in adjacent watersheds and "spill" over the watershed divide. Appendix 2A lists the allotments and pertinent data associated with them.

The BLM allotments are administered by both the Rock Springs Field Office (Green River Resource Management Plan approved in 1997) and the Kemmerer Field Office (Kemmerer Resource Management Plan approved in 2010). The Rock Springs Field Office is currently revising the existing Green River Resource Management Plan (RMP) and preparing an associated environmental impact statement (EIS). The revision will be known as the Rock Springs RMP. The Rock Springs RMP will replace the Green River RMP and will provide an updated and comprehensive framework for managing and allocating use of public lands and resources administered by the BLM in the Rock Springs Field Office. The USFS Rangeland Management Units are administered by the Uinta-Cache National Forest (Evanston-Mountain View Ranger District) in Evanston WY, and Mountain View WY.

2.2.2.2 Existing Water Supply

The methodologies regarding the development and evaluation of the existing water sources data are presented in the Blacks Fork Basinwide Volume, please refer that volume for in depth description regarding the development of the data presented here.



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The data indicates the presence of 1,438 stock reservoirs/ponds within the Phase II study area. Figure 2.2-5 displays a map of the study area showing the results of the reservoir analysis and classification. Based upon this analysis, it appears that a minimum of 929 reservoirs remain "functional" water sources and 264 are "potential" water sources. This analysis also indicates that 245 reservoirs are "non-functional" water sources as they are either breached, sediment filled, or in need of site visits to determine their status. Appendix 2B presents the results in a tabular format.

Numerous additional water supply projects have been developed throughout the study area in support of livestock and wildlife. These include construction of wells with designated stock use, guzzlers, pipelines, etc. These generally incorporate some sort of livestock watering facility such as large bottomless concrete stock tanks.

Based upon the reservoir analysis effort, mapping data obtained from the BLM and the SEO office, and landowner input, the existing water sources are displayed in Figure 2.2-6. Note that this feature does NOT include surface water sources such as perennial streams, intermittent streams, or springs because a primary objective of this study is to reduce reliance upon these sources. Because they do not presently appear to provide sources of water to livestock or wildlife, reservoirs which appeared to be either breached, filled with sediment, or otherwise non-functioning, are not included in this figure.

2.2.2.3 Ecological Site Descriptions

The concepts and descriptions of Ecological Sites are covered in the Blacks Fork Watershed Umbrella report. Please refer to the Umbrella report for more information.

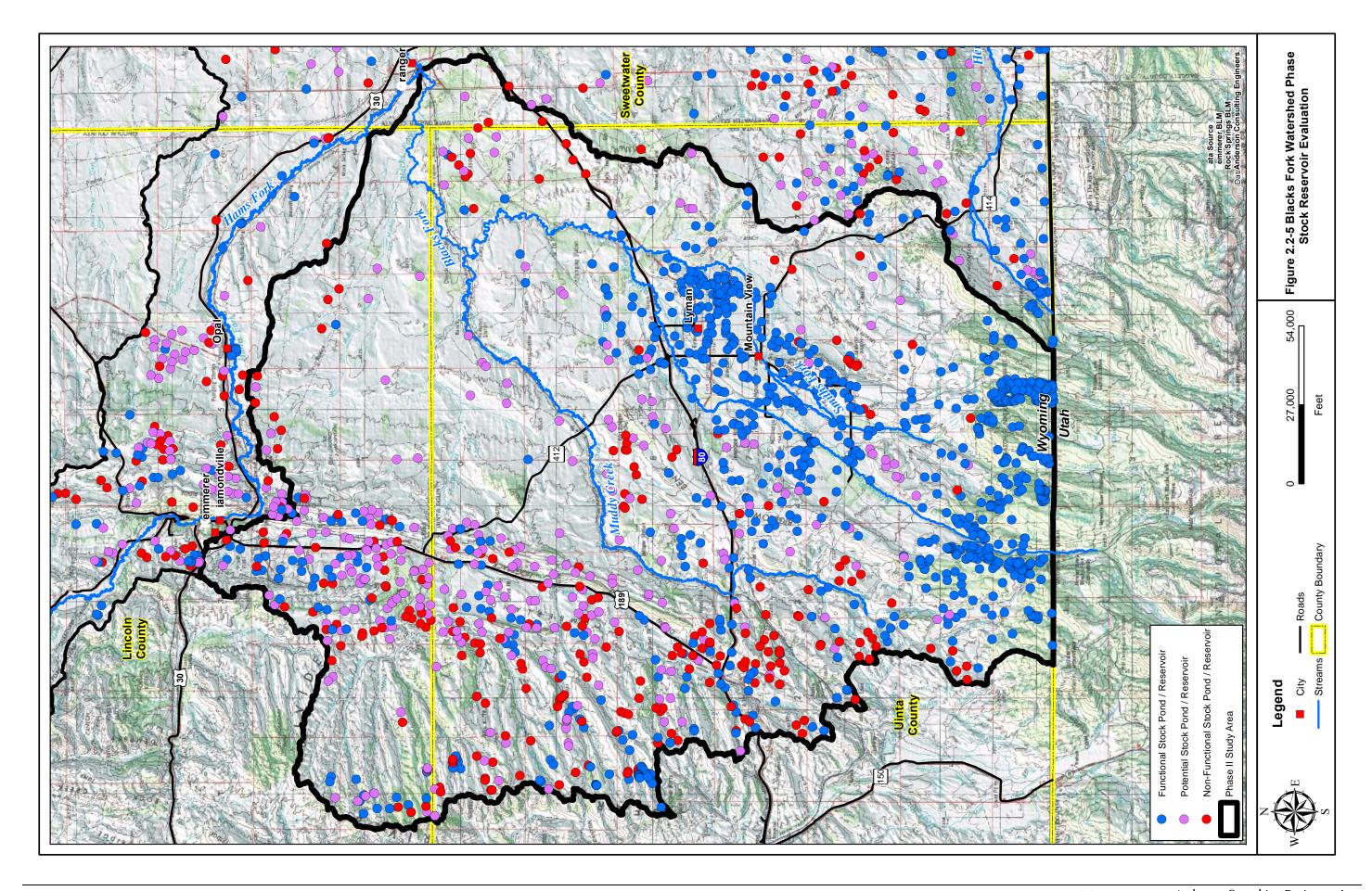
Based upon the mapping which is available for the Phase II study area (Figure 2.2-7), there are several ecological sites which are predominant. These ecological sites are:

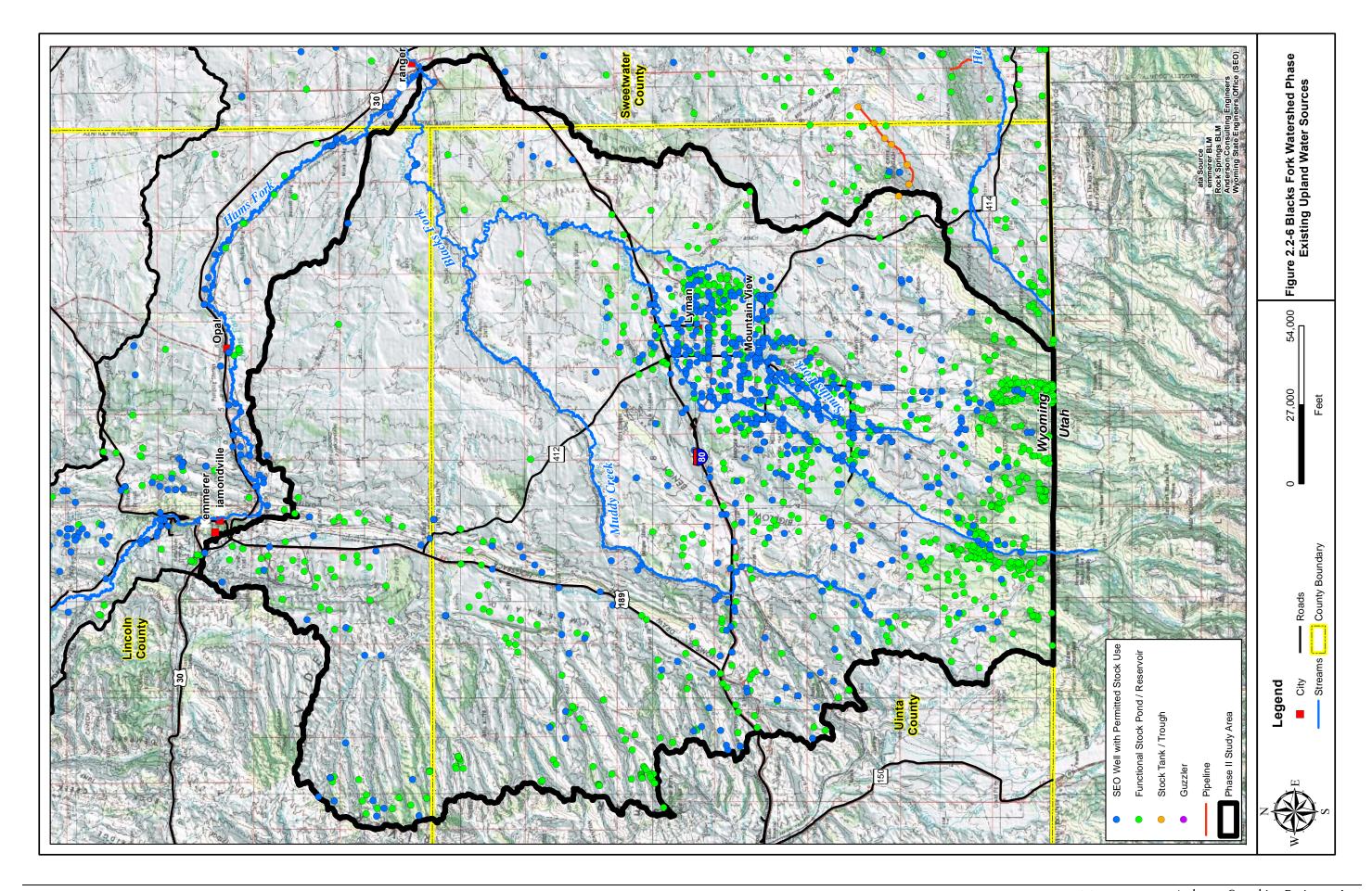
- Saline Upland (SU) 7-9" Green River and Great Divide Basins
- Shallow Loamy (SwLy) 7-9" Green River and Great Divide Basins
- Sandy (Sy) 7-9" Green River and Great Divide Basins

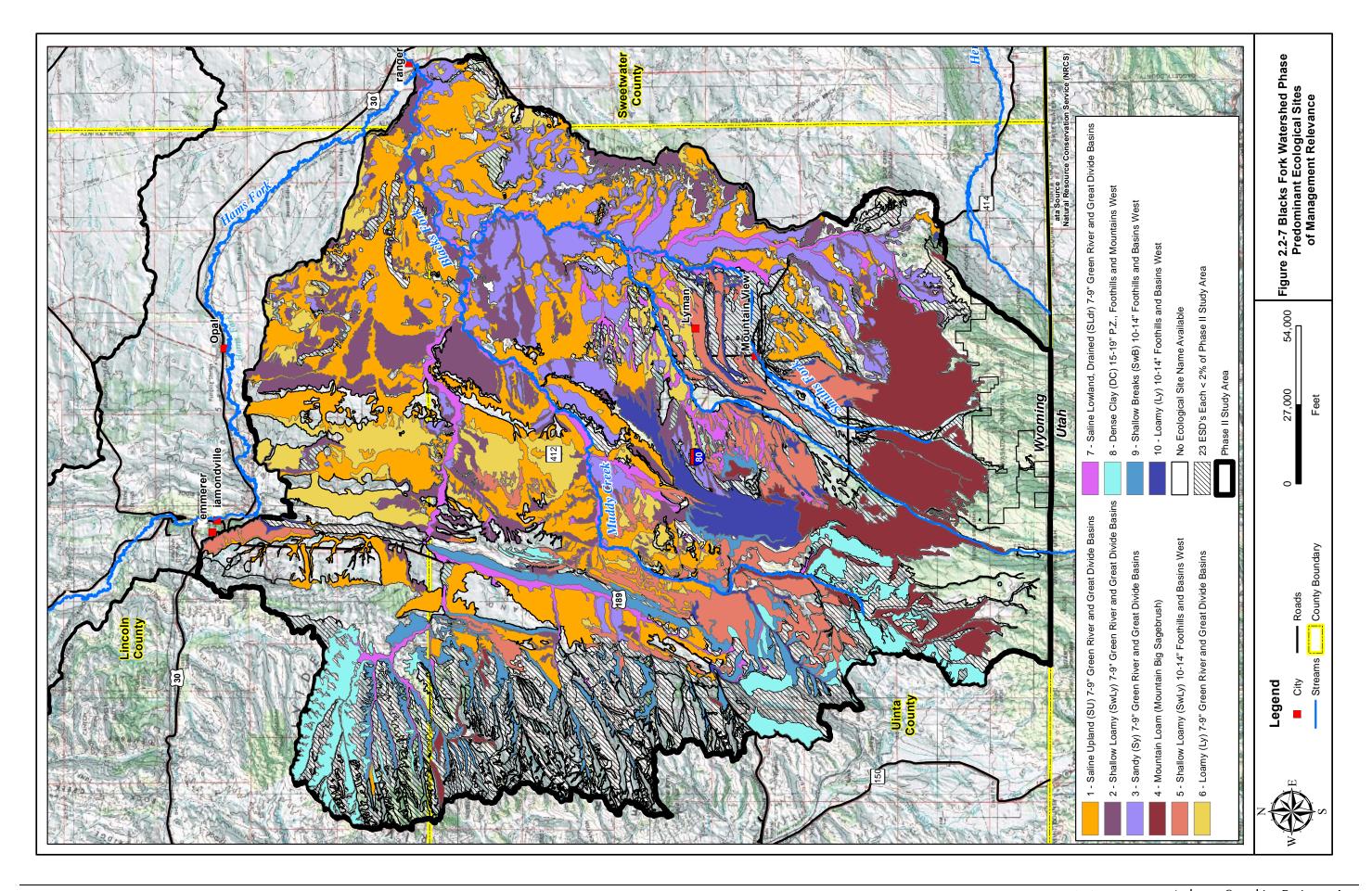
The following descriptions of the Historic Climax Plant Communities (HCPC) associated with these ESDs are extracted from the NRCS descriptions (NRCS, 2008).

Saline Upland (SU) 7-9" Green River and Great Divide Basins

The Historic Climax Plant Community (HCPC) for this Ecological Site is the Gardner's Saltbush/Bunchgrass Plant Community. The predominance of woody plants in this plant community provides winter grazing for mule deer and antelope. Suitable thermal and escape cover may be limited due to the low quantities of tall woody plants. Sagebrush obligate species may frequent the area, but do not prefer this habitat. When found adjacent to sagebrush dominated states, this plant community may provide lek sites for







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sage grouse. It provides suitable habitat for prairie dog towns, badgers, burrowing owls, and other ground-burrowing animals.

The Gardner's Saltbush/Annual Forb Plant Community: This plant community may be useful for the same wildlife that would use the Historic Climax Plant Community. However, the plant community composition is less diverse, and thus, less apt to meet the seasonal needs of these animals.

The Halogeton Plant Community is also a part of this Ecological Site. This plant community exhibits a low level of plant species diversity. It is not a desirable plant community to select as a wildlife habitat management objective.

The ESD suggests stocking rates for cattle under continuous season-long grazing under normal growing conditions. These are conservative estimates that should be used only as guidelines in the initial stages of the conservation planning process. Often, the current plant composition does not entirely match any particular plant community (as described in this ecological site description). Because of this, a field visit is recommended, in all cases, to document plant composition and production. More precise carrying capacity estimates should eventually be calculated using this information along with animal preference data, particularly when grazers other than cattle are involved. Under more intensive grazing management, improved harvest efficiencies can result in an increased carrying capacity. The following production and stocking notes are presented by the NRCS:

- Gardner's Saltbush/Bunchgrass (HCPC) 200-600 lb./ac and .1 AUM/ac
- Gardner's Saltbush/Annual Forb 100-500 lb./ac and .09 AUM/ac
- Halogeton 50-250 lb./ac and .03 AUM/ac

Note: Values based on continuous, season-long grazing by cattle under average growing conditions.

Grazing by domestic livestock is one of the major income-producing industries in the area. Rangeland in this area may provide yearlong forage for cattle, sheep, or horses. During the dormant period, the forage for livestock use needs to be supplemented with protein because the quality does not meet minimum livestock requirements.

Shallow Loamy (SwLy) 7-9" Green River and Great Divide Basins

The Historic Climax Plant Community (HCPC) for this Ecological Site is the Bluebunch/Winterfat Plant Community (HCPC). Suitable thermal and escape cover for most wildlife is limited due to the low height and density of woody plants. However, winterfat provides important winter forage for mule deer and antelope. Open and bare ridges are suitable locations for sage grouse leks. Year-round habitat is provided for sage grouse and many other sagebrush obligate species such as the sage sparrow, Brewer's sparrow, sage thrasher, pygmy rabbit, sagebrush vole, horned lizard, and pronghorn antelope. Other birds that would frequent this plant community include horned larks and golden eagles.

The Low Sagebrush/Rhizomatous Wheatgrass Plant Community may be beneficial for the same wildlife that would use the Historic Climax Plant Community. However, the plant community composition is less diverse, and thus, less apt to meet the seasonal needs of these animals.

The Low Sagebrush/Cheatgrass Plant Community may be beneficial for the same wildlife that would use the Historic Climax Plant Community. However, the plant community composition is less diverse, and thus, less apt to meet the seasonal needs of these animals.

The ESD suggests stocking rates for cattle under continuous season-long grazing under normal growing conditions. These are conservative estimates that should be used only as guidelines in the initial stages of the conservation planning process. Often, the current plant composition does not entirely match any particular plant community (as described in this ecological site description). Because of this, a field visit is recommended, in all cases, to document plant composition and production. More precise carrying capacity estimates should eventually be calculated using this information along with animal preference data, particularly when grazers other than cattle are involved. Under more intensive grazing management, improved harvest efficiencies can result in an increased carrying capacity. The following production and stocking notes are presented by the NRCS:

- Bluebunch Wheatgrass/Winterfat (HCPC) 200-450 lb./ac and .11 AUM/ac
- Low Sagebrush/Rhizomatous Wheatgrass 100-300 lb./ac and .06 AUM/ac
- Low Sagebrush/Cheatgrass 50-200 lb./ac and .03 AUM/ac

Note: Values based on continuous, season-long grazing by cattle under average growing conditions.

Grazing by domestic livestock is one of the major income-producing industries in the area. Rangeland in this area may provide yearlong forage for cattle, sheep, or horses. During the dormant period, the forage for livestock use needs to be supplemented with protein because the quality does not meet minimum livestock requirements.

Sandy (Sy) 7-9" Green River and Great Divide Basins

The Historic Climax Plant Community (HCPC) for this Ecological Site is the Needleandthread/Indian Ricegrass Plant Community. Suitable thermal and escape cover for mule deer may be limited due to the low height of woody plants. However, sagebrush, which can approach 15% protein and 40-60% digestibility, provides important winter forage for mule deer and antelope. Year-round habitat is provided for sage grouse and many other sagebrush obligate species such as the sage sparrow, Brewer's sparrow, sage thrasher, pygmy rabbit, sagebrush vole, horned lizard, and pronghorn antelope. Other birds that would frequent this plant community include horned larks and golden eagles.

The Big Sagebrush/Bunchgrass Plant community may be useful for the same wildlife that would use the Historic Climax Plant Community (HCPC).

The Big Sagebrush/Rhizomatous Wheatgrass Plant Community may be beneficial for the same wildlife that would use the Historic Climax Plant Community. However, the plant community composition is less diverse, and thus, less apt to meet the seasonal needs of these animals.

The Rabbitbrush/Rhizomatous Wheatgrass Plant Community provides limited forage for antelope and mule deer due to low production and lack of sagebrush. They may be used as a foraging site by sage grouse if proximal to woody cover.

The ESD suggests stocking rates for cattle under continuous season-long grazing under normal growing conditions. These are conservative estimates that should be used only as guidelines in the initial stages of the conservation planning process. Often, the current plant composition does not entirely match any particular plant community (as described in this ecological site description). Because of this, a field visit is recommended, in all cases, to document plant composition and production. More precise carrying capacity estimates should eventually be calculated using this information along with animal preference data, particularly when grazers other than cattle are involved. Under more intensive grazing management, improved harvest efficiencies can result in an increased carrying capacity. The following production and stocking notes are presented by the NRCS:

- Needleandthread/Indian Ricegrass (HCPC) 350-750 lb./ac and .16 AUM/ac
- Big Sagebrush/Bunchgrass 200-600 lb./ac and .11 AUM/ac
- Big Sagebrush/Rhizomatous Wheatgrass 100-400 lb./ac and .06 AUM/ac
- Rabbitbrush/Rhizomatous Wheatgrass 50-350 lb./ac and .04 AUM/ac

Note: Values based on continuous, season-long grazing by cattle under average growing conditions.

Grazing by domestic livestock is one of the major income-producing industries in the area. Rangeland in this area may provide yearlong forage for cattle, sheep, or horses. During the dormant period, the forage for livestock use needs to be supplemented with protein because the quality does not meet minimum livestock requirements.

2.2.3 Mining and Mineral Resources

At the time of this report, there were sixteen mine permits on record with the WDEQ within the Phase II study area (Table 2.2-1). Ten of these were active permits associated with sand and/or gravel operations or classified as other. Three sand and/or gravel mines were classified as terminated and released and three as forfeited. Figure 2.2-8 displays the locations of these mines.

In addition to current WDEQ records, there are numerous abandoned mine features within the study area; also indicated in Figure 2.2-8. These features are related to the area's historic mining legacy when reclamation standards were either less stringent than today's regulatory environment or non-existent. The Wyoming Department of Environmental Quality, Abandoned Mine Lands Division (AML)

Table 2.2-1 Tabulation of Existing Mine Permits Phase II Study Area (WDEQ, 2014).

Permit Number	Company Name	Mine Name	Mine Type	Mineral	Status
ET1238	NIX, G T CONST INC	FRAUGHTON	Limited Mining Operation	Sand and/or Gravel	Active
ET1247	READY ROCKS INC	WARD	Limited Mining Operation	Sand and/or Gravel	Active
ET1542	SIMS SHEEP CO LLC	SIMS	Limited Mining Operation	Sand and/or Gravel	Active
ET1273	SNYDER SAND & GRAVEL LLC	SNYDER	Limited Mining Operation	Sand and/or Gravel	Active
ET1379	GRAVEL WORKS INC	LUPHER	Limited Mining Operation	Sand and/or Gravel	Active
ET1405	LINDLEY CONST INC	BROADBENT	Limited Mining Operation	Other	Active
ET0389	ELLINGFORD BROS INC	DELBERT JAMES	Limited Mining Operation	Sand and/or Gravel	Active
SP0575	GRAVEL WORKS INC	<null></null>	Small Mine Permit	Sand and/or Gravel	Active
SP0686	CUMBERLAND GAP HEARTH STONE ASSN	<null></null>	Small Mine Permit	Other	Active
ET1372	READY ROCKS INC	BLUEMEL	Limited Mining Operation	Sand and/or Gravel	Active
ET0870	BRIDGER VALLEY GRAVEL	BYRNE PIT	Limited Mining Operation	Sand and/or Gravel	Forfeited
ET1225	BLAZE-ON CONSTRUCTION	BLAZON GAP PIT	Limited Mining Operation	Sand and/or Gravel	Forfeited
ET0593	BRIDGER VALLEY GRAVEL	LUPHER PIT	Limited Mining Operation	Sand and/or Gravel	Forfeited
ET1184	GUILD, EARL & KELLY	GUILD	Limited Mining Operation	Sand and/or Gravel	Terminated and released
ET1338	E H OFTEDAL & SONS INC	<null></null>	Limited Mining Operation	Sand and/or Gravel	Terminated and released
ET1360	HAMBLIN RANCH	HAMBLIN	Limited Mining Operation	Sand and/or Gravel	Terminated and released

mission is to mitigate safety hazards and repair environmental damage from past mining activities, and to assist communities impacted by mining. Many of the sites within the study area are eligible for mitigation through the AML program (Figure 2.2-9).

Most of the abandoned mine sites in the Phase II study area are associated with coal mining activities. These features include a variety of mining-related hazards including open pits, spoil piles, etc. In addition, environmental impacts associated with the historic mines may still exist.



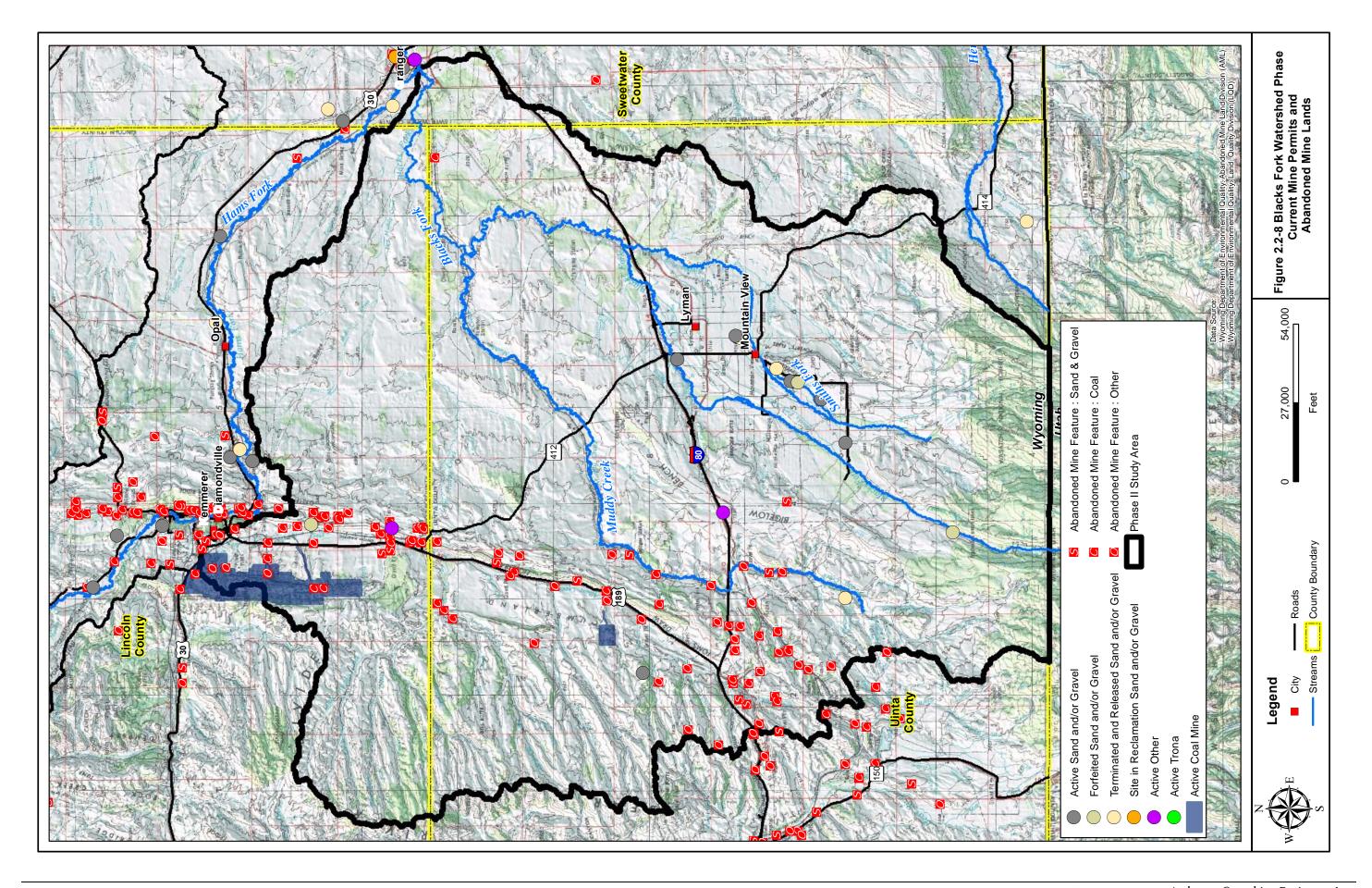
Figure 2.2-9 WDEQ Abandoned Coal Mine near Muddy Creek (Phase II Study Area).

2.2.4 Wildlife

2.2.4.1 General

The Wyoming Game and Fish Department (WGFD) maps the seasonal ranges by herd unit for each big game species and makes special note of areas listed as crucial habitat and parturition areas (birthing areas). WGF's Crucial habitat or range is defined as those seasonal ranges or habitats (mostly winter range) that have been documented as the determining factor in a population's ability to maintain itself at a certain level over a long period of time.

In the Phase II study area the primary big game present are antelope, elk, moose and mule deer. According to the Game and Fish data provided, all four of the big game species will utilize the entire study area as seasonal range. Within Phase II study area, approximately 400,486 acres (roughly 34 percent of the study area) have been determined to be crucial habitat for one or more of antelope, elk, moose or mule deer. The majority of this crucial range is concentrated along the stream corridors within the study area (Blacks Fork, Smiths Fork, Muddy Creek, Cottonwood and Sage Creek). There is also significant amounts of crucial range located in the Cumberland Flats and higher elevation areas such as Mumford Ridge, Sage Creek and Hickey Mountains, and the Bigelow Bench. The only species shown



to have parturition areas within the study is elk. These birthing areas are located only in the upper reaches of the Phase II study area stretching from Mumford Ridge in the west towards Hickey Mountain in the east.

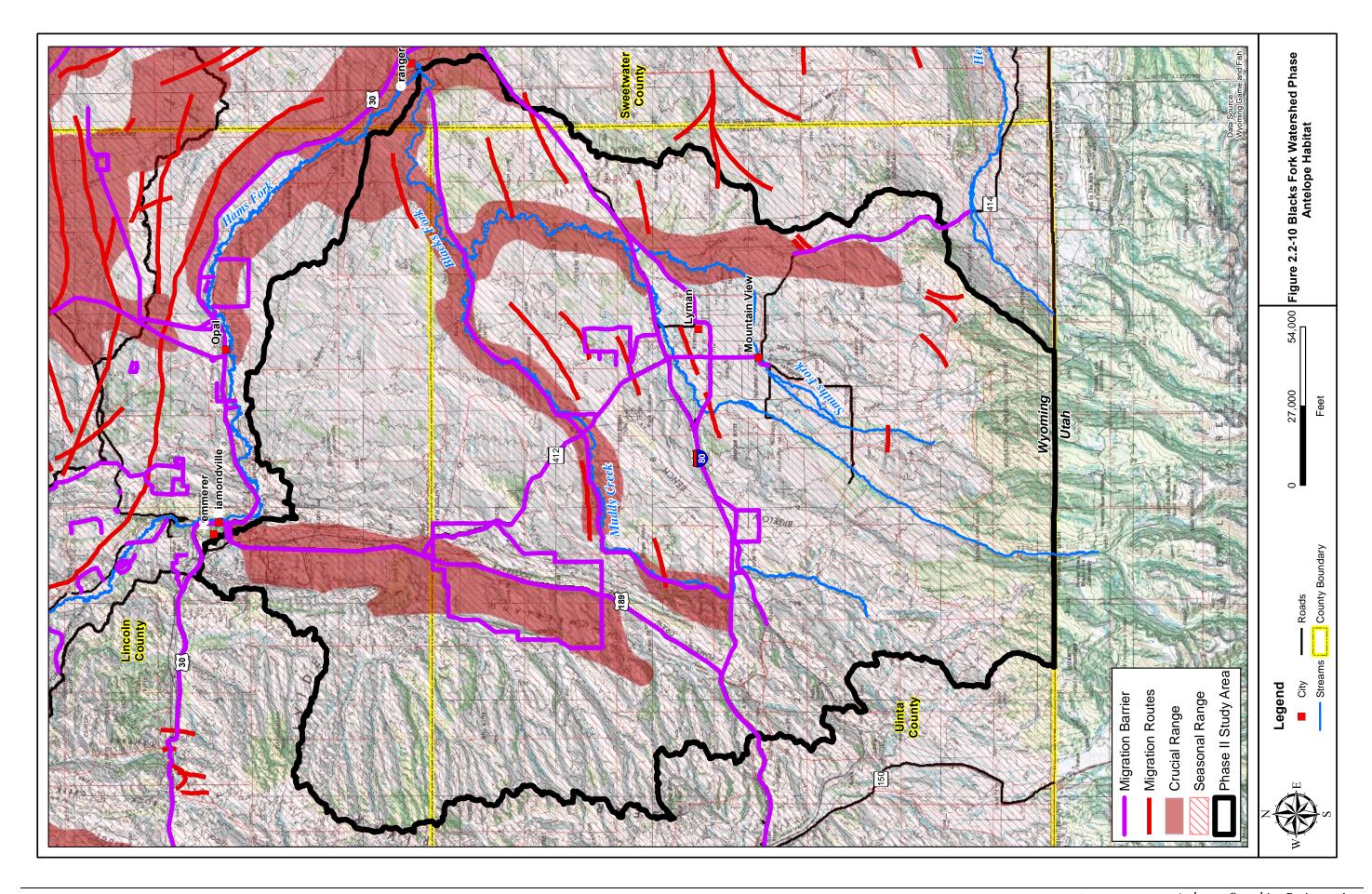
Figures 2.2-10 through 2.2-13 display the WGF seasonal range, crucial range, parturition areas, migration corridors and migration barriers for antelope, elk, moose, and mule deer within and immediately adjacent to the study area. Examination of these figures shows that while the entire study area is classified as seasonal range for the all of the big game species, the crucial habitat for these species is limited primarily to the stream corridors and highland areas previously mentioned.

The Wyoming Natural Diversity Database (WYNDD) lists numerous non-game species of concern within the study area, including amphibians, birds, mammals, fish, molluscs and reptiles. Originally initiated by the Nature Conservancy, the WYNDD became a research and service unit of the University of Wyoming in 1998. In order to more accurately analyze the distribution of the species of concern, the study areas have been broken into subregions based on their physiographic characteristics. The Phase II study area has been broken in to four subregions: Little Muddy, Middle Blacks Fork, Muddy, and Smiths Fork. Table 2.2-2 presents the results of a database query conducted by the WYNDD for the subregions. Included in this list are all species of concern or species of potential concern which have been documented in the subregions. Review of the list shows that there are two endangered species known to have been observed within the study area; the Whooping Crane (Grus americana), and the Black Footed Ferret (Mustela nigripes). There are also two species listed as threatened within the study area; the Canada Lynx (Lynx Canadensis), and the Grizzley Bear (Ursus arctos arctos). The Greater Sage-Grouse is also found within the study area and is considered a species of concern.

2.2.4.2 Sage Grouse

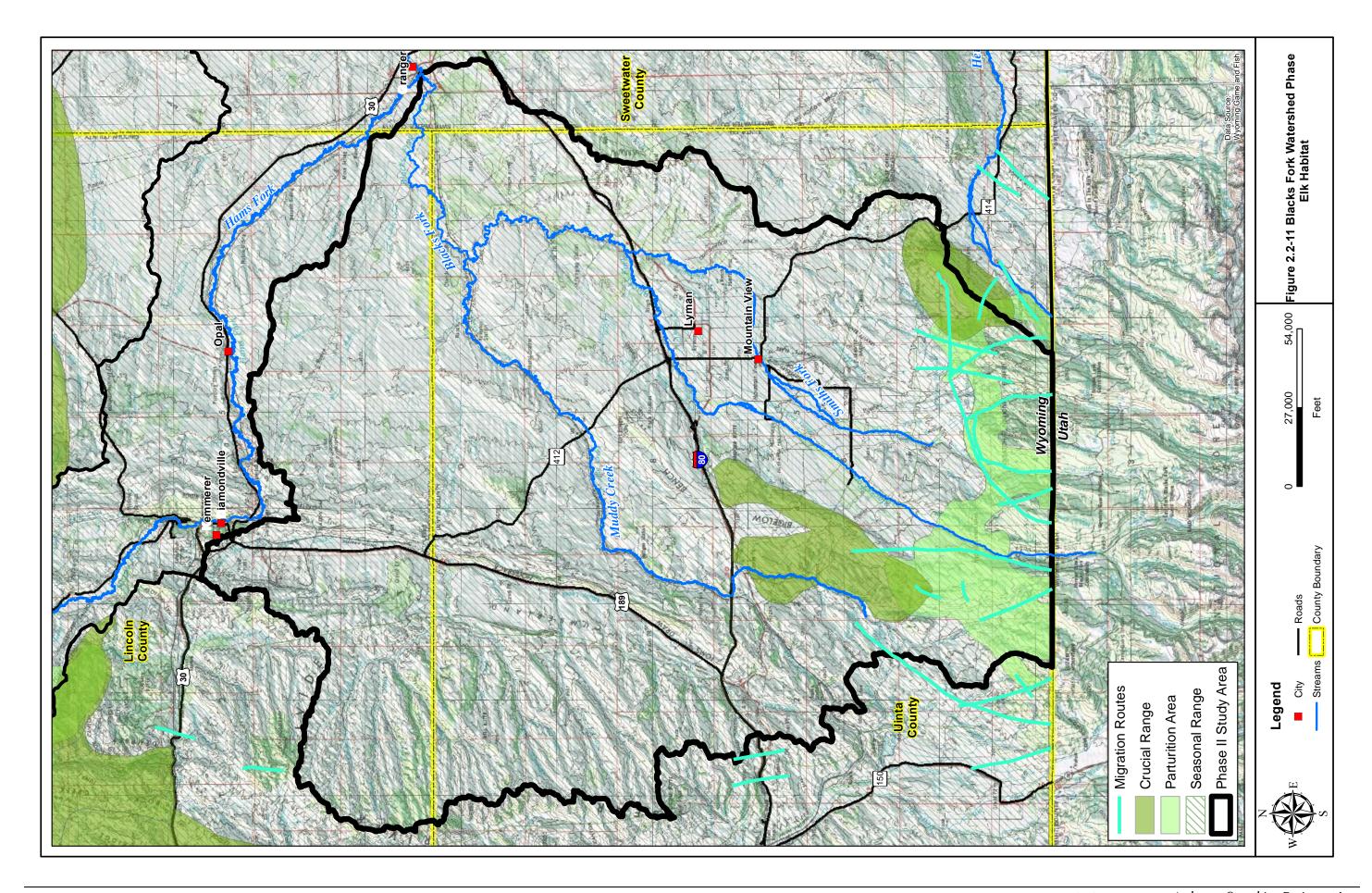
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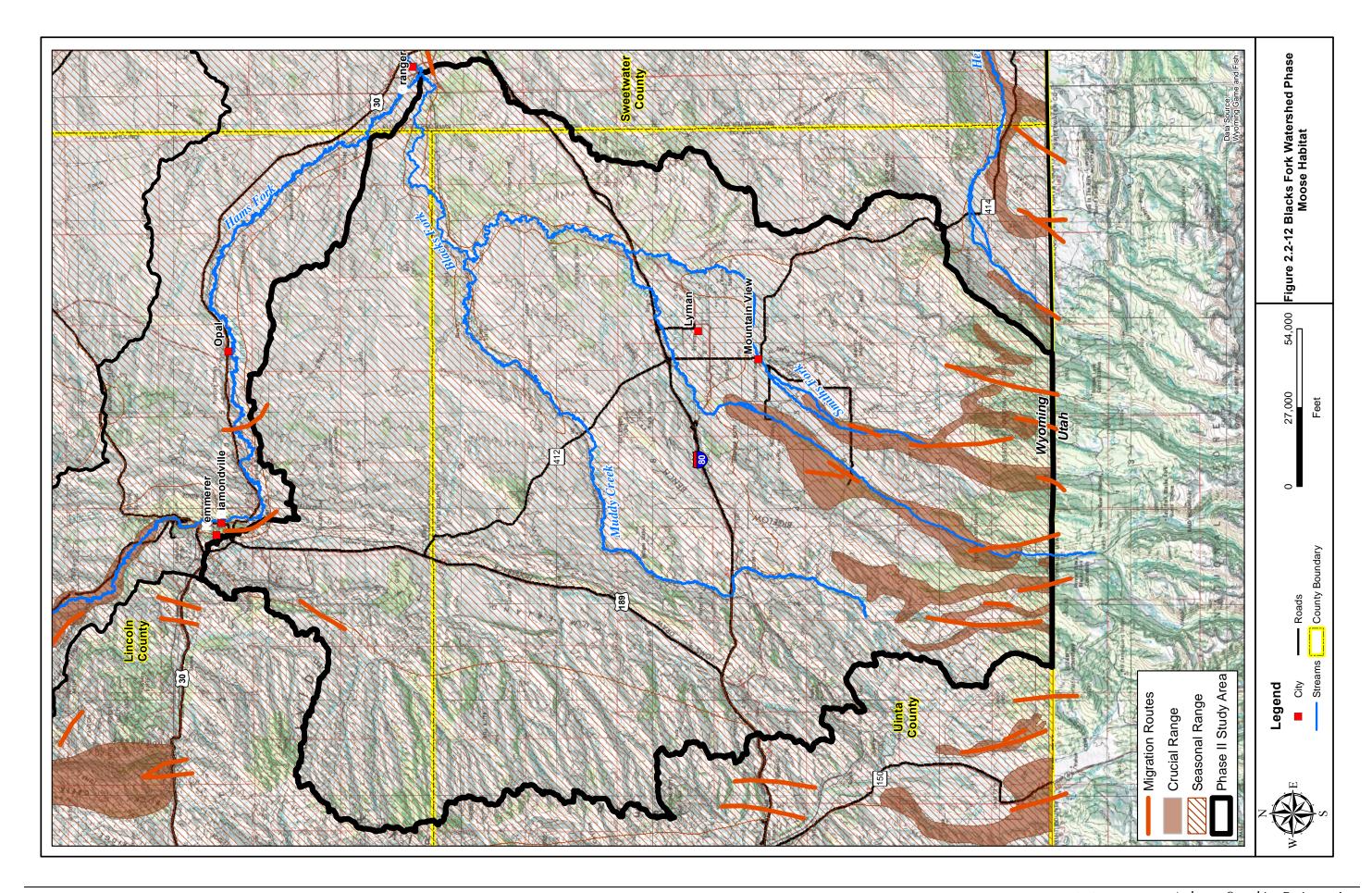
Areas of known greater sage grouse (*Centrocercus urophasianus*) leks are displayed in Figure 2.2-14. The sage grouse does not receive federal or state protection at this time; however, it is recognized as a sensitive species / species of concern by the BLM and a species of concern by WGFD. In August 2008, Executive Order 2008-2 was signed by the Governor which stresses additional management consideration to sage grouse and sage grouse habitat statewide. The order includes requirements of state agencies to encourage development outside of the core areas and to focus management to the greatest extent possible on the maintenance and enhancements of habitat within them. The core sage grouse population areas within the Phase II study area are also delineated in Figure 2.2-14. As is evident in this figure, the sage grouse core areas in the Phase II study area affect two distinct areas of land bisected by the towns of Mountain View and Lyman. The core area to the northwest of the Mountain View and Lyman encompasses a total of 287,113 acres, while the area to the southwest contains 97,207 acres. This totals 384,319 acres of sage grouse core areas located within the Phase II study area. While there are occupied sage grouse leks located in the central portion of the study area (as seen in Figure 2.2-14), these are not considered part of the core areas by the Wyoming Game and Fish Department.



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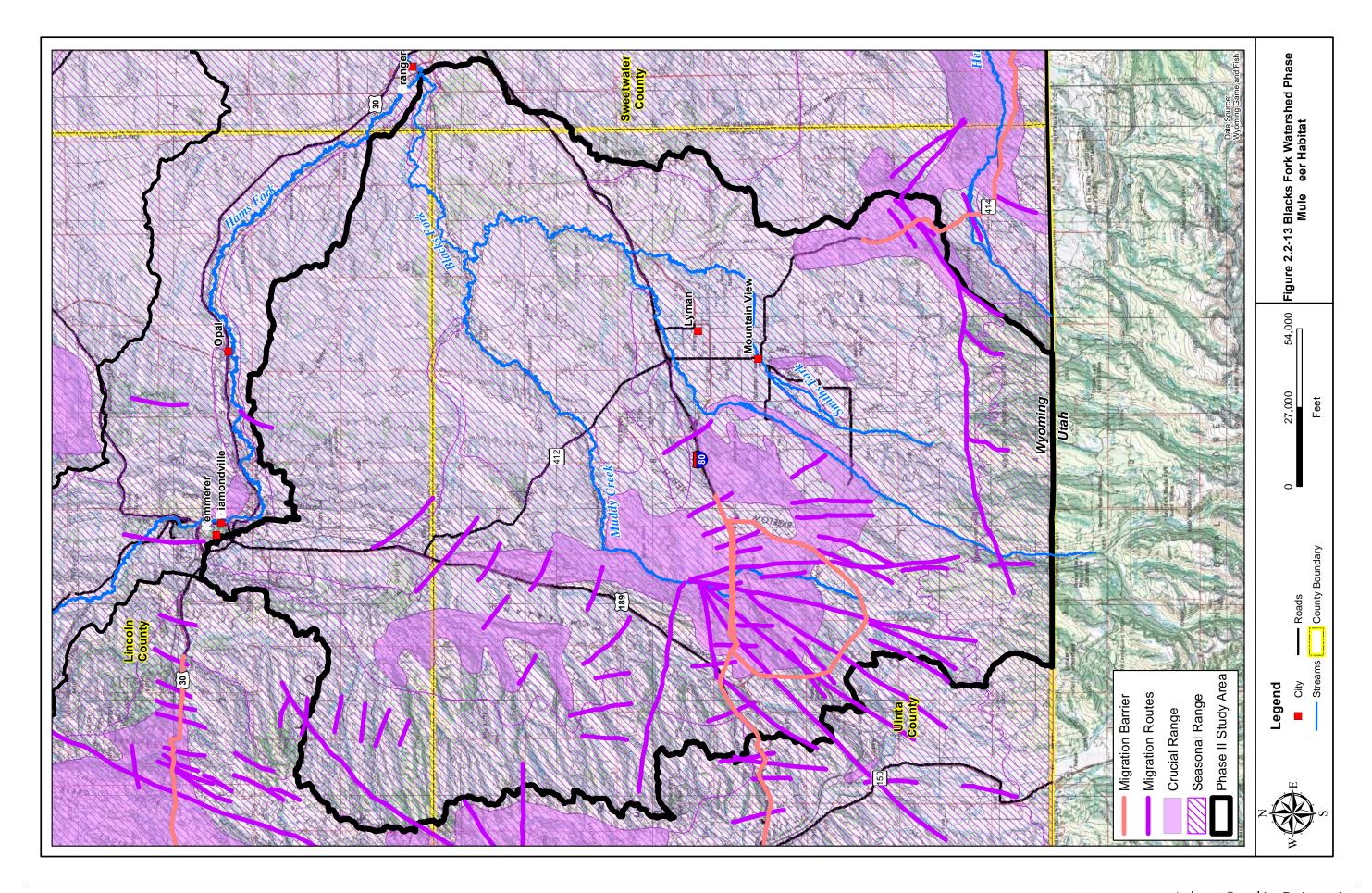
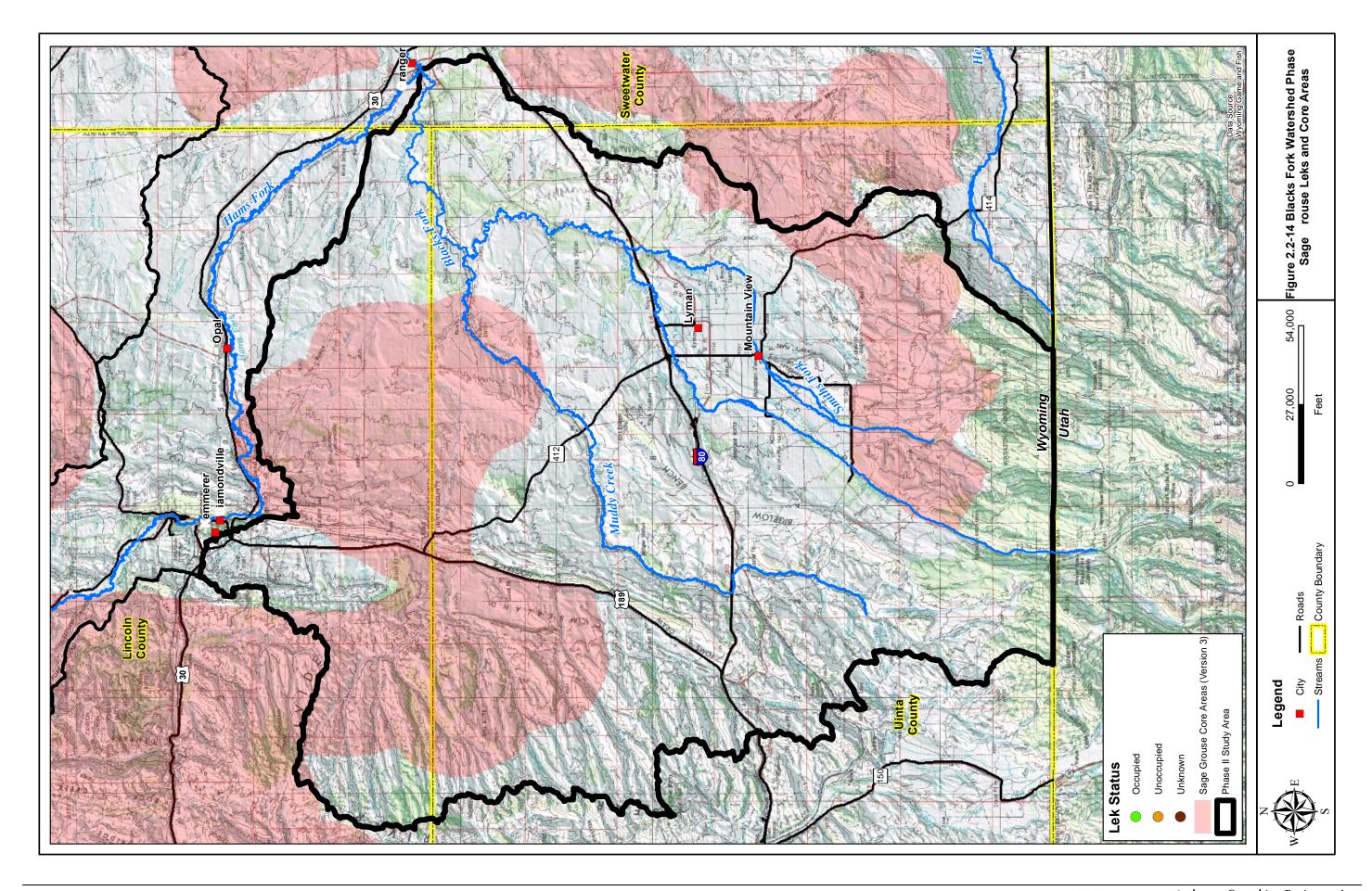


Table 2.2-2 Wyoming Natural Diversity Database: Wildlife Species in the Phase II Study Area.

	1		Subr	egion			
Common Name	Scientific Name	Smiths Fork	Muddy Creek	Little Muddy Creek	s Middle Blacks Fork River	Listing Status	
Eastern Clade Western Toad	Anaxyrus boreas - Eastern Clade	х	х			Petition Under Review (UR)	Tracked
Great Basin Spadefoot Northern Leopard Frog	Spea intermontana Lithobates pipiens	x	x	X	X X	Not Warranted for Listing (NW)	Tracked Tracked
Tiger Salamander	Ambystoma mavortium	х	х	X	×		Watche
American Avocet	Recurvirostra americana	х	х	Bir x	ds ×		Watched
American Bittern American Dipper	Botaurus lentiginosus Cinclus mexicanus	x x	х	x x			Tracked Watched
American Three-toed Woodpecker		x		X			Tracked
American White Pelican Ash-throated Flycatcher	Pelecanus erythrorhynchos Myiarchus cinerascens	x x	x x	х			Tracked Watched
Baird's Sparrow	Ammodramus bairdii	X					Tracked
Bald Eagle Barn Owl	Haliaeetus leucocephalus Tyto alba	X	X	x x	×	Delisted, formally monitored (DM)	Tracked Watched
Black Rosy-Finch	Leucosticte atrata			х			Tracked Tracked
Black Tern Black-crowned Night-Heron	Chlidonias niger Nycticorax nycticorax	X X		X X			Watche
Black-necked Stilt Black-throated Gray Warbler	Himantopus mexicanus Setophaga nigrescens	X	x	x			Watched Tracked
Brewer's Sparrow	Spizella breweri	x	x	x	×		Watche
Bufflehead Burrowing Owl	Bucephala albeola Athene cunicularia	X X	x x	x x	×		Watched Tracked
Bushtit California Cull	Psaltriparus minimus	X	х	X			Tracked
California Gull Canyon Wren	Larus californicus Catherpes mexicanus	x	x	X X			Watche
Cassin's Sparrow Common Goldeneye	Peucaea cassinii Bucephala clangula	x	¥	x x	x		Watched
Common Loon	Gavia immer	x	X	X			Tracked
Common Tern Eastern Phoebe	Sterna hirundo Sayornis phoebe	x x		х			Watche
Eastern Screech-Owl	Megascops asio	x		x			Watche
Ferruginous Hawk Forster's Tern	Buteo regalis Sterna forsteri	X X	X	x x	x		Tracked Tracked
Golden Eagle Grasshopper Sparrow	Aquila chrysaetos Ammodramus savannarum	x x	x x	х	x		Watche
Greater Sage-Grouse	Centrocercus urophasianus	X	X	х	x	Candidate; Warranted but Precluded (C)	Tracked
Hammond's Flycatcher Herring Gull	Empidonax hammondii Larus argentatus	x		x x			Watche
Juniper Titmouse	Baeolophus ridgwayi	x	х	x			Tracked
Least Bittern Lewis's Woodpecker	Ixobrychus exilis Melanerpes lewis	x					Watched Tracked
Loggerhead Shrike	Lanius Iudovicianus	x	x	X	x		Tracked
Long-billed Curlew Merlin	Numenius americanus Falco columbarius	x	x	x			Tracked Watched
Mountain Plover Northern Goshawk	Charadrius montanus Accipiter gentilis	x x	x x	x x	×	Not Warranted for Listing (NW) Not Warranted for Listing (NW)	Tracked Tracked
Northern Pygmy-Owl	Glaucidium gnoma	x	^	^		Not wallanted for Listing (NW)	Tracked
Osprey Peregrine Falcon	Pandion haliaetus Falco peregrinus	X X	x	x x		Delisted, formally monitored (DM)	Watched
Pygmy Nuthatch	Sitta pygmaea	x				bensely romally montored (bin)	Tracked
Ring-billed Gull Ring-necked Duck	Larus delawarensis Aythya collaris	x	x	X X			Watche
Rose-breasted Grosbeak	Pheucticus Iudovicianus Oreoscoptes montanus	×					Watche
Sage Thrasher Sagebrush Sparrow	Artemisiospiza nevadensis	x	x	x x	x		Watched
Sandhill Crane Short-eared Owl	Grus canadensis Asio flammeus	x x	x x	x x	x		Watched Tracked
Snowy Egret	Egretta thula	x	^	х			Watche
Trumpeter Swan Tundra Swan	Cygnus buccinator Cygnus columbianus	X X	X X	X X		Not Warranted for Listing (NW)	Tracked Watched
Virginia Rail	Rallus limicola	X					Watche
Virginia's Warbler Western Yellow-billed Cuckoo	Oreothlypis virginiae Coccyzus americanus occidentalis	x	x x	x x		Proposed Threatened (PT)	Tracked Tracked
White-faced Ibis Whooping Crane	Plegadis chihi Grus americana	x x	x x	x x	x	Listed Endangered (LE), and Endangered - Nonessential Experimental Population (Tracked
Williamson's Sapsucker	Sphyrapicus thyroideus	X				Enter Endingered (EE), and Endingered Worlessendar Experimental republishing	Tracked
Bluehead Sucker	Catostomus discobolus	x	×	Fis	ih ×		Tracked
Colorado River Cutthroat Trout	Oncorhynchus clarkii pleuriticus	x	x			Not Warranted for Listing (NW)	Tracked
Flannelmouth Sucker Mountain Sucker	Catostomus latipinnis Catostomus platyrhynchus	x	x x	х	X X		Tracked Watched
Mountain Whitefish	Prosopium williamsoni	X				N-AW(Watche
Northern Leatherside Chub Roundtail Chub	Lepidomeda copei Gila robusta	x	x	x	x	Not Warranted for Listing (NW)	Tracked Tracked
American Dile	0.6.4	T		Mam	mals	Make Market and Sand Sand Sand Sand Sand Sand Sand	NA/LAND
American Pika Black-footed Ferret	Ochotona princeps Mustela nigripes	x	x	х		Not Warranted for Listing (NW) Listed Endangered (LE), and Endangered - Nonessential Experimental Population (
Canada Lynx Dwarf Shrew	Lynx canadensis Sorex nanus	x x	x	х		Listed Threatened (LT)	Tracked Watched
Grizzly Bear	Ursus arctos arctos	x	x	x		Listed Threatened (LT)	Tracked
Idaho Pocket Gopher Little Brown Myotis	Thomomys idahoensis Myotis lucifugus	x x	X	L		Petition Under Review (UR)	Tracked Watched
Long-legged Myotis North American Water Vole	Myotis volans Microtus richardsoni	x		x			Watched
Northern River Otter	Lontra canadensis	X					Tracked
Plains Bison Preble's Shrew	Bos bison bison Sorex preblei	x x		x x	x	Not Warranted for Listing (NW)	Tracked Tracked
Pygmy Rabbit	Brachylagus idahoensis	x	х	X	x	Not Warranted for Listing (NW)	Tracked
Ringtail Silver-haired Bat	Bassariscus astutus Lasionycteris noctivagans	x x					Watche
Uinta Ground Squirrel	Urocitellus armatus	x	x	х	x		Watche
Utah Cliff Chipmunk Western Small-footed Myotis	Neotamias dorsalis utahensis Myotis ciliolabrum	X	x	х			Tracked Watched
White-tailed Prairie Dog Wyoming Ground Squirrel	Cynomys leucurus Urocitellus elegans	x x	x	X X	х	Not Warranted for Listing (NW)	Tracked Watched
	-	^		Moll	uscs		
California Floater Marsh Pondsnail	Anodonta californiensis Stagnicola elodes	x		х			Tracked Tracked
Western Pearlshell	Margaritifera falcata		х				Tracked
Great Plains Earless Lizard	Holbrookia maculata maculata	x		Rep	tiles		Tracked
Midget Faded Rattlesnake	Crotalus oreganus concolor				x		Tracked
Plains Gartersnake Plateau Fence Lizard	Thamnophis radix Sceloporus tristichus	x x	x				Watched Tracked
Spiny Softshell	Apalone spinifera		x	X	_ F'		Watche
Dorn's twinpod	Physaria dornii			Flowerin	griants	Not Warranted for Listing (NW)	Tracked
Hayden's milkvetch Large-fruited bladderpod	Astragalus bisulcatus var. haydeniar Lesquerella macrocarpa	nus		х	x x		Tracked Tracked
Nelson phacelia	Phacelia salina			х			Tracked
Opal phlox Payson Beardtongue	Phlox opalensis Penstemon paysoniorum	+		x x	x		Watche
		_					Tracked
Prostrate bladderpod Swallen's ricegrass	Lesquerella prostrata Achnatherum swallenii			Х	x		Tracked



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The BLM definition of a sensitive species is as follows: species that could easily become endangered or extinct in the state, including: (a) species under status review by the FWS/National Marine and Fisheries Service; (b) species whose numbers are declining so rapidly that Federal listing may become necessary; (c) species with typically small or fragmented populations; and (d) species inhabiting specialized refuge or other unique habitats.

WGFD lists the greater sage grouse as: species that are widely distributed, with population status or trends unknown but suspected to be stable; habitat restricted or vulnerable but no recent or on-going significant loss; species likely sensitive to human disturbance. The sage grouse is not listed as a Threatened or Endangered species and does not receive any protections from the Endangered Species Act; however, BLM and WGFD have developed restrictions/recommendations to help protect the sage grouse.

2.2.4.3 Wild Horses

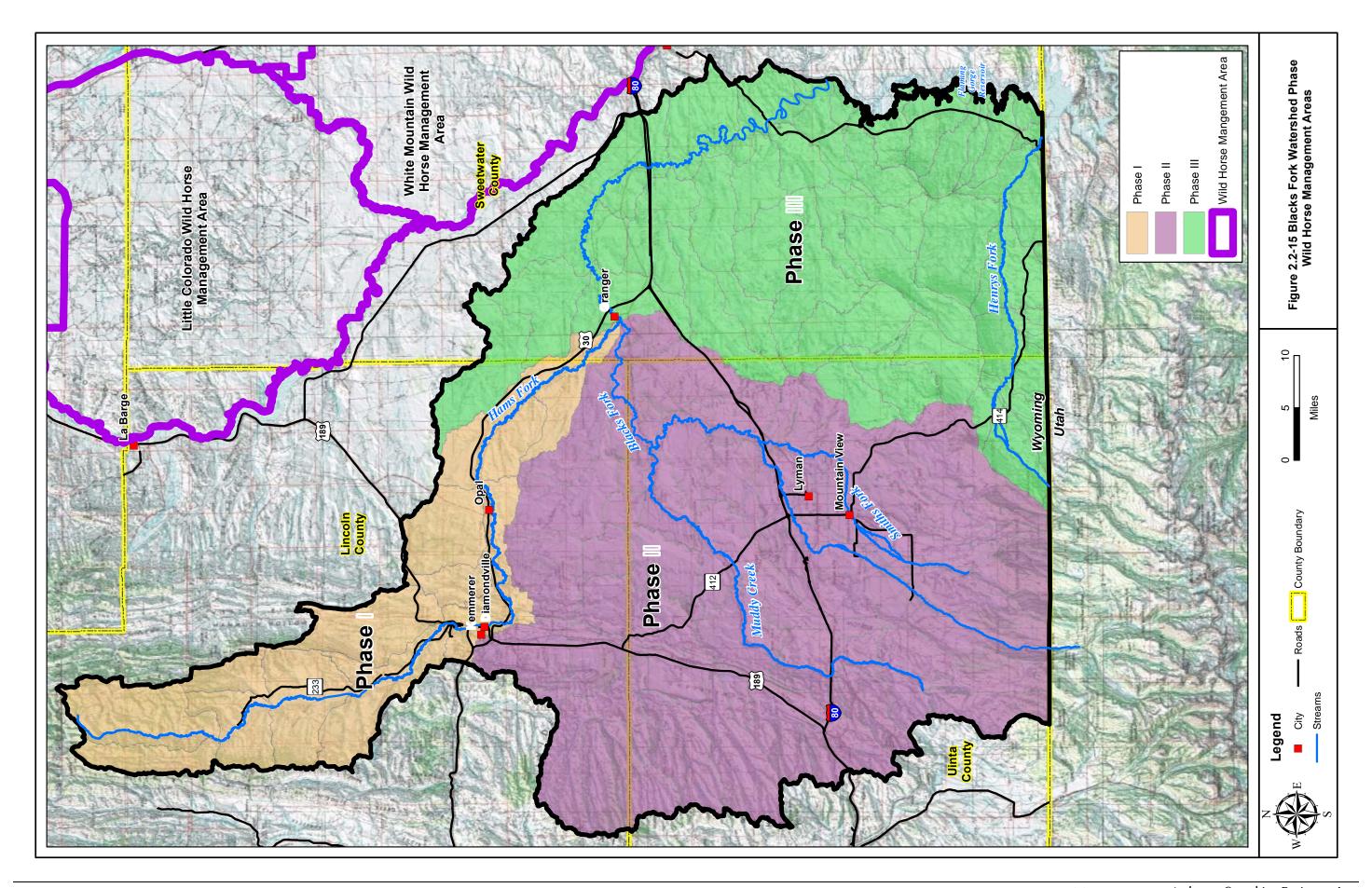
Following passage of the Wild, Free-Roaming Horse and Burro Act in 1971, BLM was charged with management of wild horses or burros in "herd management areas" (HMAs). The BLM establishes an "appropriate management level" (AML) for each HMA. The AML is the population objective for the HMA that will ensure a "thriving ecological balance among all the users and resources of the HMA". For example, wildlife, livestock, wild horses, vegetation, water, and soil. Wyoming has no wild burros (BLM, 2012). Should any wild horses be found within this study area, they would be removed by BLM.

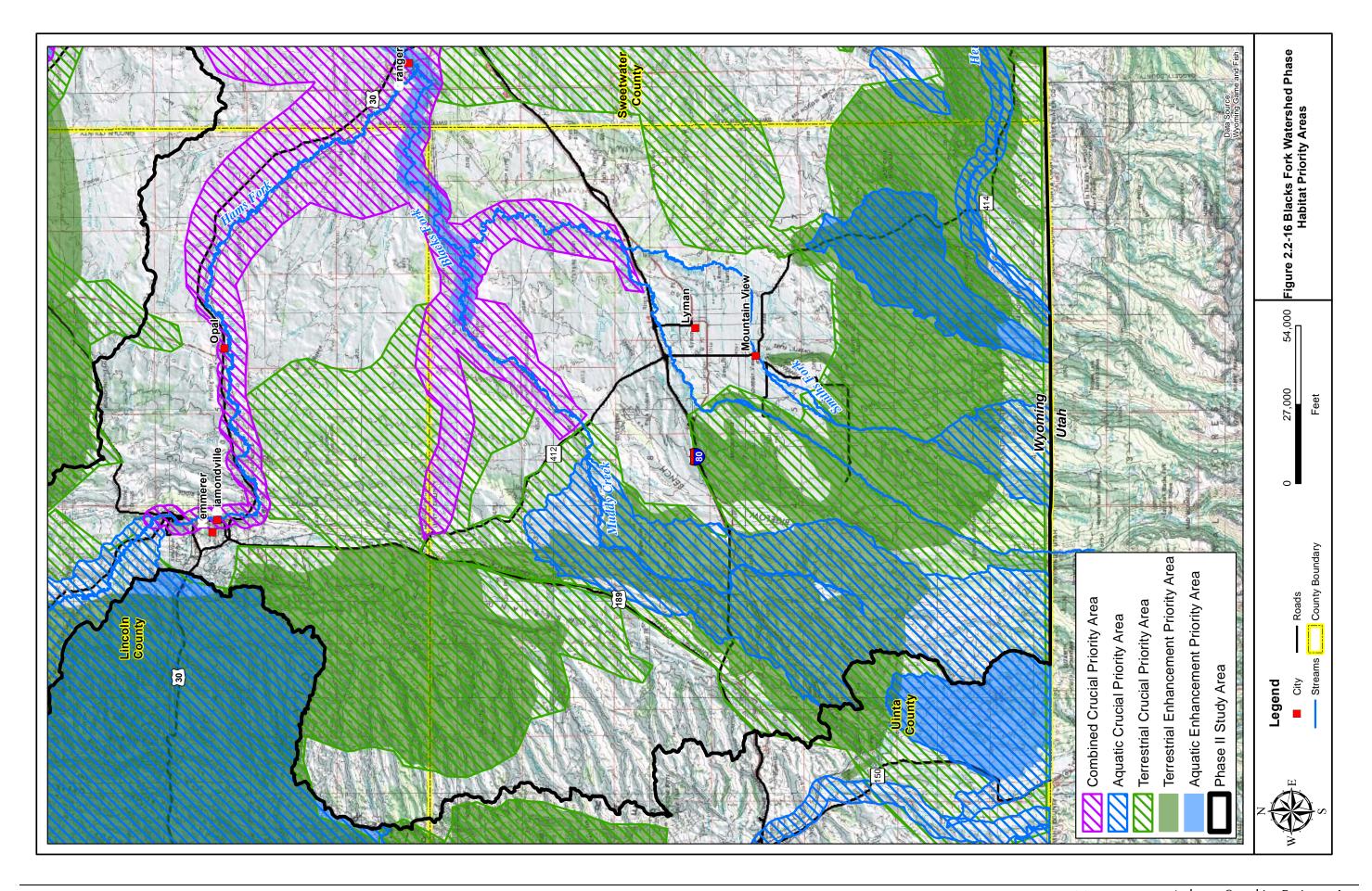
Within the Phase II study area, there are no HMAs as indicated in Figure 2.2-15.

2.2.4.4 WGF Crucial Habitat Areas

As part of the WGFD Strategic Habitat Plan (2009), areas within the State which have been determined to be Crucial Priority Areas or Enhancement Priority Areas for aquatic, terrestrial and combined terrain were delineated (Figure 2.2-16). "Combined" areas were created where significant overlap occurred between aquatic and terrestrial areas. As defined by WGFD at: http://wgfd.wyo.gov/web2011/wildlife-1000405.aspx

"Crucial Priority Areas are based on significant biological or ecological values. These are areas that need to be protected or managed to maintain viable healthy populations of terrestrial and aquatic wildlife for the present and future. They represent habitat values and identify where those values occur on the landscape. Examples of values include crucial winter range, sage grouse core area seasonal habitats, Species of Greatest Conservation Need (SGCN) diversity and uniqueness, quality and condition of vegetative communities, movement corridors, quality of watershed hydrologic function, etc. The Department will concentrate habitat protection and management activities in these areas."





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Enhancement Habitat Priority Areas represent those with a realistic potential to address wildlife habitat issues and to improve, enhance, or restore wildlife habitats. These areas offer potential for improving habitat and focusing Department habitat efforts. They may overlap crucial areas or be distinct from them. Enhancement areas are based on habitat issues. Like crucial areas where values are key, issues were identified by regional personnel and used to select enhancement habitat areas. Examples of issues include loss of aspen communities, habitat fragmentation, development, loss of connectivity, water quality effects, water quantity limitations, beetle killed conifer, lack of fish passage, loss of fish to diversions, degraded habitat, etc." (http://wgfd.wyo.gov/web2011/wildlife-1000055.aspx).

Review of the WGF Crucial Habitat Area Narratives (available at http://wgfd.wyo.gov/web2011/wildlife-1000426.aspx) provides the following information regarding sensitive aquatic, terrestrial and combined areas within the study area. The paragraphs were extracted directly from the narratives for Crucial Habitat Areas found within the project study area:

Upper Muddy Creek (3BF): Aquatic Crucial Area

- Reason Selected:
 - Habitat for the sensitive native fish assemblage warrants protection. This crucial habitat area may provide a biological opportunity to restore the entire native cold and warm water fish species assemblage within the crucial area if landowners are willing to participate.
- Primary species or assemblages of species:
 Colorado River cutthroat trout, flannelmouth sucker, bluehead suckers, roundtail chubs
- Solutions or actions:
 - Advocate sound livestock grazing practices throughout the watershed. Advocate sound water management practices that improve habitat conditions for the fishery. Work with landowners to gain support and approval for restoring the native fish assemblage.
- Additional Information:
 - Irrigation of native hay crops, in many instances, depletes river flows during late summer, thus diminishing habitat function for fish. There is a trans basin water diversion from Van Tassel Creek to the Bear River drainage, and there may be others. Livestock grazing management could be improved to restore and enhance riparian habitat and watershed function.

Gilbert Creek: Aquatic Crucial Area

- Reason Selected:
 - Protect habitat for a conservation population of Colorado River cutthroat trout and the associated native fish species assemblage.
- Primary species or assemblages of species:
 Colorado River cutthroat trout, mountain sucker, mottled sculpin.
- Solutions or actions:
 - Promote efforts to enhance watershed segments that maintain potential for restoring aspen, willow, and other woody riparian vegetation. Encourage expansion of beaver colonies into

suitable habitat where populations can be sustained over the long term. Advocate sound grazing management practices.

• Additional Information:

The loss of healthy aspen stands to conifer encroachment has deteriorated overall watershed productivity and function. Loss of aspen communities in or near riparian areas has deteriorated or eliminated suitable beaver habitat. Inactive relict beaver pond complexes exist in upland areas of the watershed along spring/seep tributary drainages to Gilbert Creek and Little Gilbert Creek. Pine bark beetles are destroying coniferous forest throughout the Uinta Mountain Range, and a catastrophic wild fire could destroy CRC populations by warming the water during the fire above lethal thresholds.

Sage Creek (3BF): Aquatic Crucial Area

Reason Selected:

Protect habitat for a conservation population of Colorado River cutthroat trout and the associated native fish species assemblage.

Primary species or assemblages of species:
 Colorado River cutthroat trout

Solutions or actions:

Work with the private landowner to develop a comprehensive CRC population and habitat restoration project for Sage Creek. Work with the Wasatch-Cache National Forest and private landowner to advocate sound aspen restoration efforts and grazing practices. Enhance watershed segments that maintain potential for restoring woody riparian vegetation, and subsequently encourage expansion of beaver colonies into suitable habitat where populations can be sustained over the long term. Advocate sound water management practices that improve CRC habitat conditions. Investigate and address potential for non-native trout movement between Cottonwood Creek and Sage Creek via trans basin irrigation diversion ditch. Investigate the need for removal of mature conifers that have invaded the riparian area on some reaches of Sage Creek. Consider removal of these conifers thereby releasing the riparian community, which is currently suppressed by the overgrowth of conifers.

• Additional Information:

Trans basin water diversions may allow movement of undesirable fish species into Sage Creek. Pine bark beetles are destroying coniferous forest throughout the Uinta Mountain Range. A catastrophic wild fire could destroy CRC populations in the headwaters by warming the water during the fire above lethal thresholds, and introduce ash and silt which will adversely affect spawning habitat and aquatic insect life. The private ranch lands changed ownership in 2007, and the new owner is interested in managing the private lands reach of the stream for Colorado River cutthroat trout. The landowner is also interested in stream habitat improvements to benefit CRC. This may afford the opportunity to implement a complete CRC habitat and population restoration project for the entire Sage Creek drainage.

Bear River/Southern Wyoming Range (BRSWR): Terrestrial Crucial Area

Reason Selected:

Crucial winter range for elk, mule deer, pronghorn and moose, big game migration corridors, Governor's Sage-grouse Implementation Team (GSGIT) sage-grouse core breeding area, and numerous SGCN listed in the Wyoming Comprehensive Wildlife Conservation Strategy Plan.

• Primary Species or assemblages of species:

Mule deer, elk, moose, greater sage-grouse, other sagebrush obligates (including pygmy rabbits), and other SGCN listed in the Wyoming Comprehensive Wildlife Conservation Strategy plan.

• Solutions or actions:

A significant number of habitat treatments have been conducted in the area, primarily to address improving habitats for wintering ungulates and greater sage-grouse. These investments need to be protected and continued in the future. The Department and partners should pursue permanent withdrawals of energy development leases throughout much of this area, particularly in that portion west of Wyoming Highway 189. Application of the Department's Standard Recommendations for Development of Oil and Gas Resources in Crucial and Important Wildlife Habitats and development stipulations under the Governor's sage-grouse core habitats should be applied throughout areas where energy development is permitted. Additional analysis of existing habitats should be conducted to assess the need for treatment and/or improved livestock management. Improvements to grazing operations are needed in some portions of the area, especially on the Rock Creek grazing allotment. Development of a cooperative plans with the USFWS, BLM and grazing permittees to rotate/rest livestock from Rock Creek Ridge to the Cokeville Refuge will enhance and improve habitat for wildlife in this area. Cooperative plans with WYDOT and the UP Railroad needs to continue to enhance migration and reduce mule deer vehicle collisions in the Nugget Canyon area along US Highway 30.Conservation easement opportunities should be pursued where possible.

Additional Information:

This area is under increasing threat from a variety of energy development proposals, including wind farms, oil and gas development, and major energy corridors. Efforts to preserve this area from these threats and to improve livestock management need to continue to protect the world-class wildlife values in this area. US Highway 30 has undergone significant revision to reduce mule deer-vehicle collisions and maintain traditional migration corridors for the world-renowned Wyoming Range Mule Deer Herd. Major habitat types include sagebrush-grassland, mixed mountain shrubs, aspen, mixed conifer and true mountain mahogany. Large stands of curlleaf mountain mahogany also exist in portions of the area.

Uinta: Terrestrial Crucial Area

Reason Selected:

Crucial winter range for elk, moose, mule deer, and pronghorn, major migration corridors for big game, Governor's Sage-grouse Implementation Team (GSGIT) sage-grouse core breeding areas,

other sagebrush obligates (including pygmy rabbits), and other SGCN listed in the Wyoming Comprehensive Wildlife Conservation Strategy plan.

Primary Species or assemblages of species:
 Mule deer, elk, moose, pronghorn, greater sage-grouse, pygmy Rabbit and other SGCN listed in the Wyoming Comprehensive Wildlife Conservation Strategy plan.

• Solutions or actions:

Increased preservation of this area from development threats and improved livestock and timber management need to occur to protect the world-class wildlife values in this area. Timber management practices that remove beetle infested conifers and benefit aspen and willow habitats need to occur on the north slope of the Uintas. Treatments of willow riparian habitats for moose and improved livestock management of willow, and aspen dominated transitional habitats on the Wasatch- Cache NF will be pursued. Assessment of livestock management practices and habitat conditions need to occur, particularly in transitional and winter ranges to develop actions to protect or manage these areas. Seriously degraded winter range complexes in the Leroy area are in desperate need of attention, although options are severely limited given current livestock management practices, landownership patterns and lack of concern for wildlife among some landowners and land managers. Forage reserves/grass banks are needed in this area to facilitate habitat treatments and provide flexibility to livestock producers. The Department and partners should pursue permanent withdrawals of energy development leases throughout much of this area, particularly in that portion west of Wyoming Highway 189. Application of the Department's Standard Recommendations for Development of Oil and Gas Resources in Crucial and Important Wildlife Habitats and development stipulations under the Governor's sage-grouse core habitats should be applied throughout areas that energy development is permitted. Conservation easement opportunities should be pursued where possible in this area. Rezoning from Agricultural to residential lands within the county is rapidly increasing and will be addressed through increased involvement with the county zoning board.

Additional Information:
 None Available

Green River, Blacks Fork and Hams Fork: Combined Crucial Area

• Reason Selected:

Fontenelle Reservoir and the lower Green River support a regionally important recreational sport fishery. The lower river corridors provide important cottonwood/willow riparian habitat diversity within the high sagebrush desert ecosystem that is used by several terrestrial and aquatic wildlife species. The river corridors provide habitat for sensitive native non-game species. This area includes crucial winter range for Lincoln Moose and Carter Lease and Sublette Pronghorn Herd Units and severe winter relief habitats for West Green River Elk and Wyoming Range Mule Deer Herd Units. Since this polygon is primarily woody riparian, it represents critical big game migration corridors. It also includes areas designated as a greater sage-grouse core breeding area by the Governor's Sage-grouse Implementation Team (GSGIT). This area supports numerous SGCN identified in the CWCS report.

• Primary Species or assemblages of species:

Roundtail chub, flannelmouth sucker, bluehead sucker, mountain sucker, rainbow trout, brown trout, kokanee, cutthroat trout, mountain whitefish, Great Basin spadefoot toad, northern leopard frog, moose, pronghorn, sage grouse, cottonwood-willow riparian obligate non-game species, sagebrush obligates, and other SGCN listed in the Wyoming Comprehensive Wildlife Conservation Strategy (CWCS).

• Solutions or actions:

Advocate sound water management practices. Promote sound livestock grazing management practices and other land use activities that reduce excessive sediment yield. Work with landowners and conservation organizations to develop instream habitat projects for improving fish habitat. Promote full assessment and protection of habitats (especially riparian habitats and prairie dog complexes). Conduct habitat treatments where appropriate to improve rangeland, riparian and stream channel condition. Attempt to minimize habitat impacts created by energy and industrial development activities. The Department and partners should pursue permanent withdrawals of energy development leases. Conservation easements or other habitat protection approaches should be pursued where possible. Construct experimental instream rock sill structures to improve.

• Additional Information:

The Blacks Fork River downstream of the confluence with Muddy Creek to Flaming Gorge Reservoir is not suitable for a trout fishery. The topography consists of rolling sagebrush hills, salt desert shrub flats, and badlands. The soil is very alkaline and subject to heavy erosion. The stream is choked with fine clay, sand and silt. The river channel is wide and shallow and lacks adequate pool depth at lower flows. Water temperatures during the summer exceed the limit at which trout can survive. This section is a refuge for native non-game fish and is managed for native fish in particular roundtail chubs, flannelmouth suckers, and bluehead suckers. Some willow and buffaloberry shrubs are present along the river bottom, but they do not influence the fishery habitat. Invasive tamarix persists along this reach of river and is well suited to the alkaline conditions and fluctuating water tables in the riparian zone. The lower Black's Fork is a water depleted system resulting from agricultural water use upstream in the Bridger Valley, and industrial trona mine water use within the crucial habitat corridor itself. Upstream irrigation of native hay crops, in many instances, depletes river flows during late summer, thus diminishing habitat function for fish. River channel dewatering and sediment deposition reduces pool depths and fish cover, severs connectivity with lateral side channel habitats, and at times can cease river flow completely leaving only residual pools.

2.3 Natural Environment

2.3.1 Vegetation and Land Cover

2.3.1.1 Wyoming GAP Analysis

The GAP dataset is intended for use at a state or ecoregion level geographic area. For the purposes of this project however it is the most display friendly vegetative dataset available. The GAP dataset

provides generalized distributions of the vegetative land cover located within the Phase II study area. For more information related to the GAP dataset please see the Basinwide volume of this report. Figure 2.3-1 displays the Wyoming Gap Analysis results for the Phase II study area.

2.3.1.2 NLCD

The National Land Cover Database (NLCD) is a Landsat-based, 30-meter resolution, land cover database for the nation. Details regarding this database are discussed in the Basinwide volume of this report.

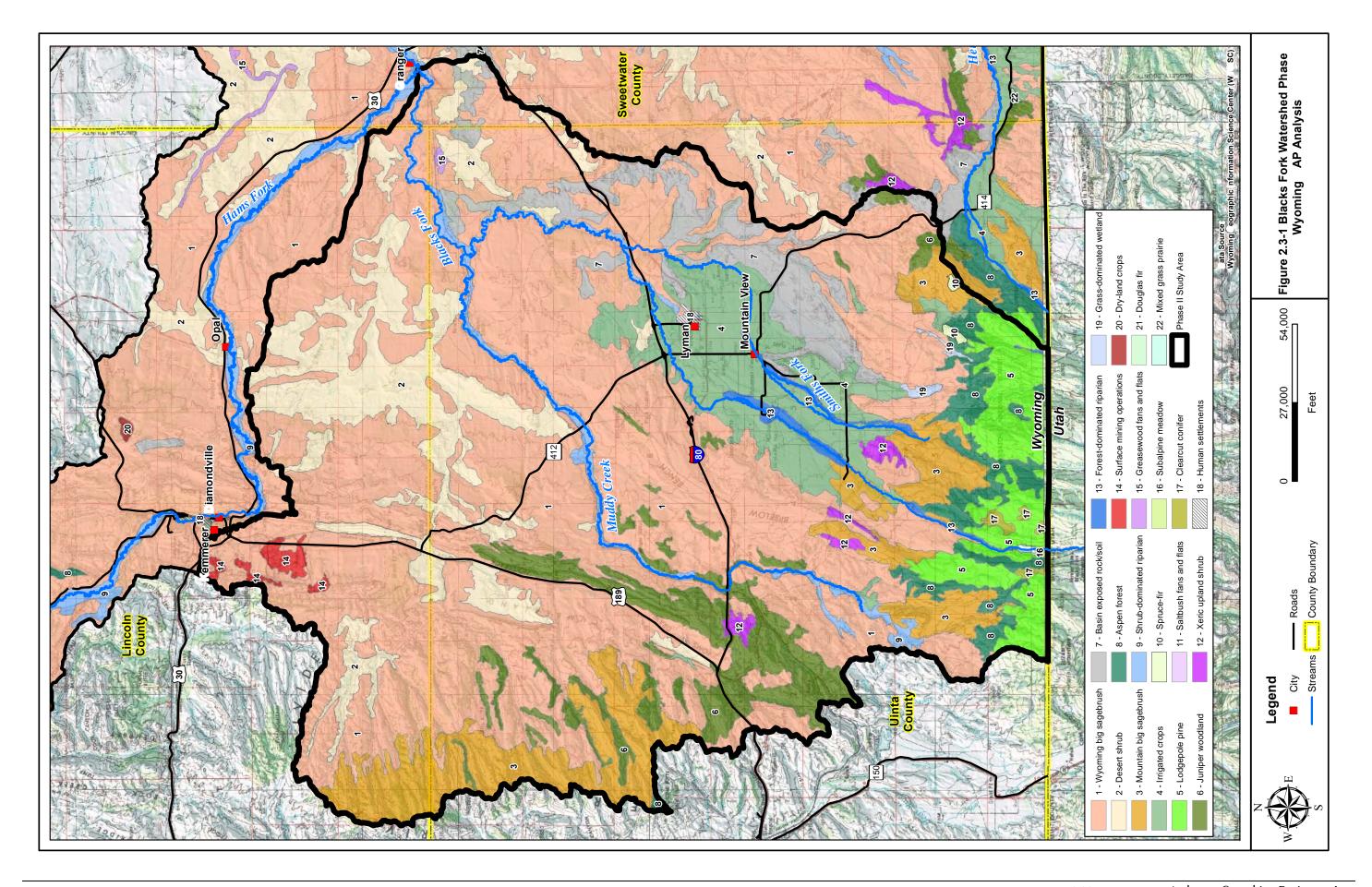
In order to more accurately analyze the distribution of the NLCD dataset, the Phase II study area has been broken into four subregions based on their physiographic characteristics. The four subregions are: Little Muddy, Middle Blacks Fork, Muddy, and Smiths Fork. Table 2.3-1 presents the results of National Land Cover Database analysis for these subregions. All four of the subregions in the Phase II study area are dominated by the Shrub/Scrub classification, ranging from 58% coverage in the Smiths Fork subregion to 95% in the Middle Blacks Fork subregion. The Smiths Fork subregion exhibits the most vegetative diversity with 9 classifications, while the other subregions contain 5 or less classifications.

2.3.1.3 LANDFIRE

In order to more accurately analyze the distribution of the LANDFIRE dataset, the Phase II study area has been broken into subregions based on their physiographic characteristics. The Phase II study area has been broken in to four subregions. The four subregions are: Little Muddy, Middle Blacks Fork, Muddy, and Smiths Fork. Existing vegetative type within each Phase II subregion was evaluated using data obtained through the LANDFIRE project (www.landfire.gov). For clarity, vegetation types making up less than 1% of each subregion were grouped together and tallied at the bottom of each table.

Little Muddy Subregion

The LANDFIRE existing vegetation data indicate 13 different vegetation classifications make up 94% of the land area within the Little Muddy Subregion. As is indicated in the data, the major sagebrush community (Inter-Mountain Basins Big Sagebrush Shrubland) dominates coverage of the subregion totaling approximately 40% of the area. The table also presents valuable information pertaining to the vegetation types present to a much lesser extent. Table 2.3-2 summarizes the distribution of the vegetation communities within the Little Muddy subregion.



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Table 2.3-1 Tabulation of National Land Cover Database: Phase II Subregions.

Classification	Blacks Fork Watershed Phase II : Little Muddy Subregion (NLCD Description) Acres	Percent of Subregio
Shrub/Scrub	Areas dominated by shrubs; less than 16 feet tall with shrub canopy typically greater than 20% of total vegetation. This class includes true shrubs, young trees in an early successional stage	274,635	75.2%
Herbaceuous	or trees stunted from environmental conditions. Areas dominated by gramanoid or herbaceous vegetation, generally greater than 80% of total vegetation. These areas are not subject to intensive management such as tilling, but can be	68,492	18.7%
Deciduous Forest	utilized for grazing. Areas dominated by trees generally greater than 16 feet tall, and greater than 20% of total vegetation cover. More than 75% of the tree species shed foliage simultaneously in response to	5,921	1.6%
Barren Land	Areas of bedrock, desert pavement, scarps, talus, slides, volcanic material, glacial debris, sand dunes, strip mines, gravel pits and other accumulations of earthen material. Generally,	4,789	1.3%
Other	vegetation accounts for less than 15% of total cover. Areas with less than 1% of Subregion Area	11,580	3.2%
	Total	365,416	100%
Classification	Blacks Fork Watershed Phase II :Middle Blacks Fork Subregion (NL Description	Acres	Percent of Subregio
Shrub/Scrub	Areas dominated by shrubs; less than 16 feet tall with shrub canopy typically greater than 20% of total vegetation. This class includes true shrubs, young trees in an early successional stage or trees stunted from environmental conditions.	153,577	94.6%
Barren Land	Areas of bedrock, desert pavement, scarps, talus, slides, volcanic material, glacial debris, sand dunes, strip mines, gravel pits and other accumulations of earthen material. Generally, vegetation accounts for less than 15% of total cover.	5,819	3.6%
Herbaceuous	Areas dominated by gramanoid or herbaceous vegetation, generally greater than 80% of total vegetation. These areas are not subject to intensive management such as tilling, but can be utilized for grazing.	1,689	1.0%
Other	Areas with less than 1% of Subregion Area	1,284	0.8%
	Total Blacks Fork Watershed Phase II : Muddy Subregion (NLCD)	162,368	100%
Classification	Description	Acres	Percent of Subregio
Shrub/Scrub	Areas dominated by shrubs; less than 16 feet tall with shrub canopy typically greater than 20% of total vegetation. This class includes true shrubs, young trees in an early successional stage or trees stunted from environmental conditions.	205,707	83.7%
Herbaceuous	Areas dominated by gramanoid or herbaceous vegetation, generally greater than 80% of total vegetation. These areas are not subject to intensive management such as tilling, but can be utilized for grazing.	12,492	5.1%
Evergreen Forest	Areas dominated by trees generally greater than 16 feet tall, and greater than 20% of total vegetation cover. More than 75% of the tree species maintain their leaves all year. Canopy is never without green foliage.	9,669	3.9%
Deciduous Forest	Areas dominated by trees generally greater than 16 feet tall, and greater than 20% of total vegetation cover. More than 75% of the tree species shed foliage simultaneously in response to seasonal change.	6,357	2.6%
Barren Land	Areas of bedrock, desert pavement, scarps, talus, slides, volcanic material, glacial debris, sand dunes, strip mines, gravel pits and other accumulations of earthen material. Generally, vegetation accounts for less than 15% of total cover.	2,450	1.0%
Other	Areas with less than 1% of Subregion Area Total	9,235 245,911	3.8% 100%
Classification	Blacks Fork Watershed Phase II: Smiths Fork Subregion (NLCD) Description		Donor of Cubus sign
Shrub/Scrub	Areas dominated by shrubs; less than 16 feet tall with shrub canopy typically greater than 20% of total vegetation. This class includes true shrubs, young trees in an early successional stage or trees stunted from environmental conditions.	238,954	Percent of Subregion 58.2%
Hay/Pasture	Areas of grasses, legumes, or grass-legume mixtures planted for livestock grazing or the production of seed or hay crops, typically on a perennial cycle. Pasture/hay vegetation accounts for greater than 20% of total vegetation.	57,171	13.9%
Evergreen Forest	Areas dominated by trees generally greater than 16 feet tall, and greater than 20% of total vegetation cover. More than 75% of the tree species maintain their leaves all year. Canopy is never without green foliage.	43,404	10.6%
mergent Herbaceuous Wetlan	Areas where perennial herbaceous vegetation accounts for ds greater than 80% of vegetative cover and the soil or substrate is periodically saturated with or covered with water.	19,152	4.7%
Herbaceuous	Areas dominated by gramanoid or herbaceous vegetation, generally greater than 80% of total vegetation. These areas are not subject to intensive management such as tilling, but can be utilized for grazing.	18,054	4.4%
Deciduous Forest	Areas dominated by trees generally greater than 16 feet tall, and greater than 20% of total vegetation cover. More than 75% of the tree species shed foliage simultaneously in response to seasonal change.	10,383	2.5%
Woody Wetlands	Areas where forest or shrubland vegetation accounts for greater than 20% of vegetative cover and the soil or substrate is periodically saturated with or covered with water.	7,357	1.8%
Mixed Forest	Areas dominated by trees generally greater than 16 feet tall, and greater than 20% of total vegetation cover. Neither deciduous nor evergreen species are greater than 75% of total tree cover.	4,811	1.2%
Developed, Open Space	Areas with a mixture of some constructed materials, but mostly vegetation in the form of lawn grasses. Impervious surfaces account for less than 20% of total cover. These areas most commonly include large-lot single-family housing units, parks,	4,514	1.1%
beveloped, Open space	golf courses, and vegetation planted in developed settings for recreation, erosion control, or aesthetic purposes.		

Table 2.3-2 Tabulation of LANDFIRE Existing Vegetation Type Data: Phase II Little Muddy Subregion.

Blacks Fork Watershed Phase II: L	Blacks Fork Watershed Phase II : Little Muddy Subregion									
Existing Vegetation Type	Acres	Percent of Subregion	Cumulative Percent							
Inter-Mountain Basins Big Sagebrush Shrubland	143441.78	39.211%	39.211%							
Mountain Big Sagebrush Shrubland Alliance	82795.47	22.633%	61.843%							
Inter-Mountain Basins Big Sagebrush Steppe	24139.81	6.599%	68.442%							
Inter-Mountain Basins Mat Saltbush Shrubland	23251.57	6.356%	74.798%							
Wyoming Basins Dwarf Sagebrush Shrubland and Steppe	19559.15	5.347%	80.145%							
Rocky Mountain Subalpine/Upper Montane Riparian Systems	12565.96	3.435%	83.580%							
Rocky Mountain Aspen Forest and Woodland	7771.13	2.124%	85.704%							
Inter-Mountain Basins Greasewood Flat	7722.65	2.111%	87.815%							
Rocky Mountain Montane Riparian Systems	5198.03	1.421%	89.236%							
Inter-Mountain Basins Sparsely Vegetated Systems	5092.17	1.392%	90.628%							
Barren	4756.80	1.300%	91.928%							
Inter-Mountain Basins Montane Sagebrush Steppe	4356.04	1.191%	93.119%							
Northern Rocky Mountain Lower Montane-Foothill-Valley Grassland	4051.36	1.107%	94.226%							
All other classes less than 1% each	21120.81	5.774%	100.00%							

Middle Blacks Fork Subregion

The LANDFIRE existing vegetation data indicate 8 different vegetation classifications make up 97% of the land area within the Middle Blacks Fork Subregion. As is clearly indicated in the data, the major sagebrush community (Inter-Mountain Basins Big Sagebrush Shrubland) dominates coverage of the subregion totaling approximately 43% of the area. The table presents valuable information pertaining to the vegetation types present to a much lesser extent. Table 2.3-3 summarizes the distribution of the vegetation communities within the Middle Blacks Fork subregion.

Table 2.3-3 Tabulation of LANDFIRE Existing Vegetation Type Data: Phase II Middle Blacks Fork Subregion.

Blacks Fork Watershed Phase II: Middle Blacks Fork Subregion									
Existing Vegetation Type	Acres	Percent of Subregion	Cumulative Percent						
Inter-Mountain Basins Big Sagebrush Shrubland	70633.16	43.472%	43.472%						
Inter-Mountain Basins Mat Saltbush Shrubland	30290.58	18.643%	62.115%						
Inter-Mountain Basins Big Sagebrush Steppe	16994.05	10.459%	72.574%						
Inter-Mountain Basins Semi-Desert Grassland	16067.78	9.889%	82.463%						
Inter-Mountain Basins Sparsely Vegetated Systems	8816.61	5.426%	87.889%						
Introduced Upland Vegetation-Annual and Biennial Forbland	6330.68	3.896%	91.785%						
Barren	5814.28	3.578%	95.364%						
Inter-Mountain Basins Greasewood Flat	2145.44	1.320%	96.684%						
All other classes less than 1% each	5387.51	3.316%	100.00%						

Muddy Subregion

The LANDFIRE existing vegetation data indicate 14 different vegetation classifications make up 92% of the land area within the Little Muddy Subregion. As is indicated in the data, the major sagebrush community (Inter-Mountain Basins Big Sagebrush Shrubland) dominates coverage of the subregion totaling approximately 40% of the area. The table presents valuable information pertaining to the vegetation types present to a much lesser extent. Table 2.3-4 summarizes the distribution of the vegetation communities within the Muddy subregion.

Table 2.3-4 Tabulation of LANDFIRE Existing Vegetation Type Data: Phase II Smiths Fork Subregion.

Blacks Fork Watershed Phase	Blacks Fork Watershed Phase II : Muddy Subregion										
Existing Vegetation Type	Acres	Percent of Subregion	Cumulative Percent								
Inter-Mountain Basins Big Sagebrush Shrubland	99343.40	40.361%	40.361%								
Mountain Big Sagebrush Shrubland Alliance	45170.77	18.352%	58.712%								
Inter-Mountain Basins Big Sagebrush Steppe	19046.09	7.738%	66.450%								
Inter-Mountain Basins Mat Saltbush Shrubland	13835.83	5.621%	72.071%								
Rocky Mountain Aspen Forest and Woodland	9261.17	3.763%	75.834%								
Rocky Mountain Lodgepole Pine Forest	7101.28	2.885%	78.719%								
Rocky Mountain Subalpine/Upper Montane Riparian Systems	6372.27	2.589%	81.308%								
Rocky Mountain Montane Riparian Systems	4753.02	1.931%	83.239%								
Inter-Mountain Basins Sparsely Vegetated Systems	4289.55	1.743%	84.982%								
Wyoming Basins Dwarf Sagebrush Shrubland and Steppe	3835.42	1.558%	86.540%								
Inter-Mountain Basins Semi-Desert Grassland	3561.20	1.447%	87.987%								
Inter-Mountain Basins Montane Sagebrush Steppe	3460.01	1.406%	89.393%								
Inter-Mountain Basins Greasewood Flat	3449.34	1.401%	90.794%								
Inter-Mountain Basins Aspen-Mixed Conifer Forest and Woodland	3219.61	1.308%	92.102%								
All other classes less than 1% each	19440.17	7.8980%	100.00%								

Smiths Fork Subregion

The LANDFIRE existing vegetation data indicate 17 different vegetation classifications make up 91% of the land area within the Smiths Fork Subregion. The Smiths Fork subregion is the most diverse in regards to the existing vegetation type within the Phase II Study Area. Even though the Inter Mountain Basins Big Sagebrush Shrubland still dominates the coverage of the subregion (28% of the area), there are a variety of grassland and woodland vegetation types in larger percentages than anywhere else in the Phase II study area. The table presents valuable information pertaining to the vegetation types present to a much lesser extent. Table 2.3-5 summarizes the distribution of the vegetation communities within the Smiths Fork Subregion.

Table 2.3-5 Tabulation of LANDFIRE Existing Vegetation Type Data: Phase II Smiths Fork Subregion.

Blacks Fork Watershed Phase II:	Blacks Fork Watershed Phase II : Smiths Fork Subregion								
Existing Vegetation Type	Acres	Percent of Subregion	Cumulative Percent						
Inter-Mountain Basins Big Sagebrush Shrubland	117444.53	28.606%	28.606%						
Pasture and Hayland	60588.27	14.757%	43.363%						
Mountain Big Sagebrush Shrubland Alliance	43510.82	10.598%	53.961%						
Rocky Mountain Lodgepole Pine Forest	31151.46	7.588%	61.549%						
Rocky Mountain Aspen Forest and Woodland	18776.10	4.573%	66.122%						
Inter-Mountain Basins Semi-Desert Grassland	14021.75	3.415%	69.537%						
Inter-Mountain Basins Big Sagebrush Steppe	12606.65	3.071%	72.608%						
Rocky Mountain Subalpine/Upper Montane Riparian Systems	11220.02	2.733%	75.341%						
Inter-Mountain Basins Mat Saltbush Shrubland	10518.15	2.562%	77.902%						
Inter-Mountain Basins Aspen-Mixed Conifer Forest and Woodland	9774.46	2.381%	80.283%						
Western Great Plains Floodplain Systems	8640.47	2.105%	82.388%						
Rocky Mountain Montane Riparian Systems	7685.29	1.872%	84.260%						
Inter-Mountain Basins Montane Sagebrush Steppe	6616.90	1.612%	85.871%						
Inter-Mountain Basins Greasewood Flat	6457.45	1.573%	87.444%						
Inter-Mountain Basins Sparsely Vegetated Systems	5697.08	1.388%	88.832%						
Developed Ruderal Shrubland	5498.26	1.339%	90.171%						
Developed-Roads	5095.95	1.241%	91.412%						
All other classes less than 1% each	35258.42	8.588%	100.00%						

2.3.1.4 WYNDD

The Wyoming Natural Diversity Database (WYNDD) lists several vegetation species within the Phase II study area. Table 2.3-6 presents the results of a database query conducted by the WYNDD for the Phase II study area broken down by subregion.

Table 2.3-6 Wyoming Natural Diversity Database: Flowering Plants by Subregion.

		Subregion Muddy Creek Muddy Creek Blacks Fork River Tisting Status					
Common Name	Scientific Name	Smiths Fork	Muddy Creek	Little Muddy Creek	Middle Blacks Fork River	Listing Status	Tracked/ Watched
	Flowering	Plai	nts				
Dorn's twinpod	Physaria dornii			Х		Not Warranted for Listing (NW)	Tracked
Hayden's milkvetch	Astragalus bisulcatus var. haydenianus			Х	Х		Tracked
Large-fruited bladderpod	Lesquerella macrocarpa				х		Tracked
Nelson phacelia	Phacelia salina			Х			Tracked
Opal phlox	Phlox opalensis			Х	Х		Watched
Payson Beardtongue	Penstemon paysoniorum			Х		_	Watched
Prostrate bladderpod	Lesquerella prostrata			Х		_	Tracked
Swallen's ricegrass	Achnatherum swallenii				Х		Tracked
Tufted twinpod	Physaria condensata			Х	Х	_	Watched

2.3.1.5 Wetlands

Existing wetlands mapping data within each Phase II subregion was evaluated using data obtained through National Wetlands Inventory (NWI) created by the US Fish and Wildlife Service (USFWS) and the LANDFIRE project (www.landfire.gov). Due to the relatively limited extent of NWI mapped wetlands in relation to the size of subregions, the data does not lend itself to mapping presentation at this scale. The results of the NWI analysis by subregion are presented in Table 2.3-7.

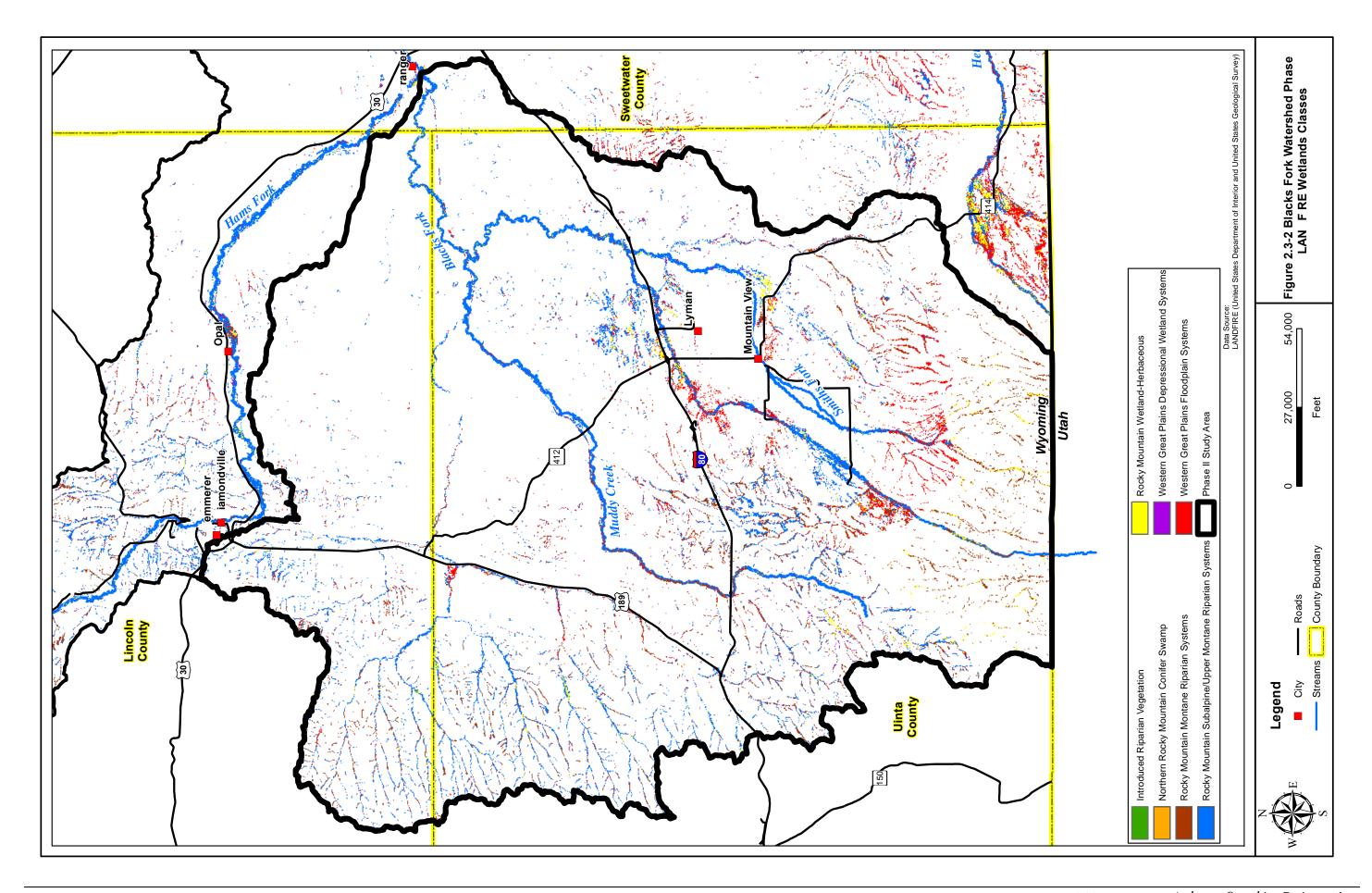
Table 2.3-7 Tabulation of NWI Wetlands by Subregion.

Phase II NWI Inventory						
Subregion	Total NWI Acres					
Little Muddy	1949.14					
Middle Blacks Fork	872.57					
Muddy	3560.30					
Smiths Fork	39343.73					
Total Acres	45725.73					

Table 2.3-8 summarizes the distribution of the LANDFIRE wetland and riparian vegetation communities within each Phase II subregion (Rocky Mountain Subalpine/Upper Montane Riparian Systems, Rocky Mountain Montane Riparian Systems, Rocky Mountain Wetland-Herbaceous, Western Great Plains Floodplain Systems, Western Great Plains Depressional Wetland Systems, Introduced Riparian Vegetation). Figure 2.3-2 displays the LANDFIRE wetland classifications for the entire Phase II study area.

Table 2.3-8 Tabulation of LANDFIRE Wetlands Data: Phase II Subregions

Blacks Fork Watershed Phase II	1						
Existing Vegetation Type	Acres	Percent of Watershed	Cumulative Percent				
Rocky Mountain Subalpine/Upper Montane Riparian Systems	12565.96	3.435%	3.435%				
Rocky Mountain Montane Riparian Systems	5198.03	1.421%	4.856%				
Western Great Plains Floodplain Systems	1853.66	0.507%	5.363%				
Rocky Mountain Wetland-Herbaceous	711.22	0.194%	5.557%				
Western Great Plains Depressional Wetland Systems	83.62	0.023%	5.580%				
Blacks Fork Watershed Phase II : M	liddle Blacl	ks Fork Subregion					
Existing Vegetation Type	Acres	Percent of Watershed	Cumulative Percent				
Rocky Mountain Subalpine/Upper Montane Riparian Systems	1519.62	0.935%	0.935%				
Western Great Plains Floodplain Systems	329.14	0.203%	1.138%				
Rocky Mountain Wetland-Herbaceous	247.53	0.152%	1.290%				
Rocky Mountain Montane Riparian Systems	89.85	0.055%	1.345%				
Western Great Plains Depressional Wetland Systems	0.22	0.0001%	1.346%				
Blacks Fork Watershed Phase	II : Mudd	y Subregion					
Existing Vegetation Type	Acres	Percent of Watershed	Cumulative Percent				
Rocky Mountain Subalpine/Upper Montane Riparian Systems	6372.27	2.589%	2.589%				
Rocky Mountain Montane Riparian Systems	4753.02	1.931%	4.520%				
Western Great Plains Floodplain Systems	2114.53	0.859%	5.379%				
Rocky Mountain Wetland-Herbaceous	763.04	0.310%	5.689%				
Western Great Plains Depressional Wetland Systems	161.01	0.065%	5.754%				
Blacks Fork Watershed Phase II	: Smiths F	ork Subregion					
Existing Vegetation Type	Acres	Percent of Watershed	Cumulative Percent				
Rocky Mountain Subalpine/Upper Montane Riparian Systems	11220.02	2.733%	2.733%				
Western Great Plains Floodplain Systems	8640.47	2.105%	4.837%				
	7685.29	1.872%	6.709%				
Rocky Mountain Montane Riparian Systems	7005.25						
Rocky Mountain Montane Riparian Systems Rocky Mountain Wetland-Herbaceous	2628.04	0.640%	7.349%				
		0.640% 0.059%	7.349% 7.408%				



III. PHASE II WATERSHED MANAGEMENT AND REHABILITATION PLAN (UPPER BLACKS FORK RIVER SUBREGION)

3.1 Overview

In this chapter, those individual project components of the Blacks Fork Watershed Management Plan which fall within the geographic boundaries of the Phase II investigation (Upper Blacks Fork River Subregion) are presented. The reader is directed to the Basinwide Report for a discussion of the benefits associated with the various components of the watershed management plan. Likewise, the Basinwide Report volume tabulates summaries of this and the other two project investigative phases.

In the following paragraphs, individual projects are presented within the following categories:

- Irrigation System Conservation and Rehabilitation. The inventory and evaluation of the existing infrastructure was completed and improvements identified for the rehabilitation of existing structures and the potential conservation of existing irrigation diversions.
- Livestock/Wildlife Upland Watering Opportunities. Based upon an evaluation of existing water sources and the condition of upland grazing resources, potential upland water source development projects were identified.
- **Grazing Management Opportunities**. Based upon a review of the pertinent ESDs and the ambient vegetation and soil conditions, grazing management strategies are presented.
- Surface Water Storage Opportunities. Results of previous investigations pertaining
- To development of water storage opportunities within the watershed are incorporated.
- **Stream Channel Condition and Stability**. Stream channels within the watershed were characterized with respect to their condition and stability. Impaired channels were identified for further evaluation and alternative improvements developed.

In the remainder of this chapter, the conceptual plans developed within each watershed component are described and evaluated with respect to providing benefits to improving the existing water supply through conservation. For the purposes of tracking individual components of the watershed management plan, each component was designated a unique project or "improvement" number. The prefixes used for each improvement describe the category of the watershed management plan it falls under. The prefixes are as follows:

- Project Components "I": Irrigation system rehabilitation components (Section 3.2)
- Project Components "L/W": Livestock/wildlife upland watering opportunities (Section 3.3)
- Project Components "G": Grazing management opportunities (Section 3.4)
- Project Components "S": Surface water storage opportunities (Section 3.5)
- Project Components "C": Stream channel stability components (Section 3.6)

Project Components Identifiers are also provided which provide a means of tracking projects sponsored by individual landowners/stakeholders within the study area.

3.2 Irrigation System Rehabilitation Projects (Watershed Plan Components "I")

As presented in the Basinwide Report, the irrigation system inventory effort associated with this project consisted of evaluation of structures and ditch conditions at the request of interested landowners and stakeholders. No ditch systems were inventoried in their entirety. Instead, and at the request of those individuals who came forward with requests to participate in the study, individual irrigation system components were inventoried. The recommendations included herein are not all-inclusive; there will be additional irrigation structures located throughout the watershed in need of rehabilitation or replacement. By virtue of their location within the geographic boundaries of this study, those potential projects involving those structures would still be considered eligible for application funding through the WWDC Small Water Project Program (SWPP).

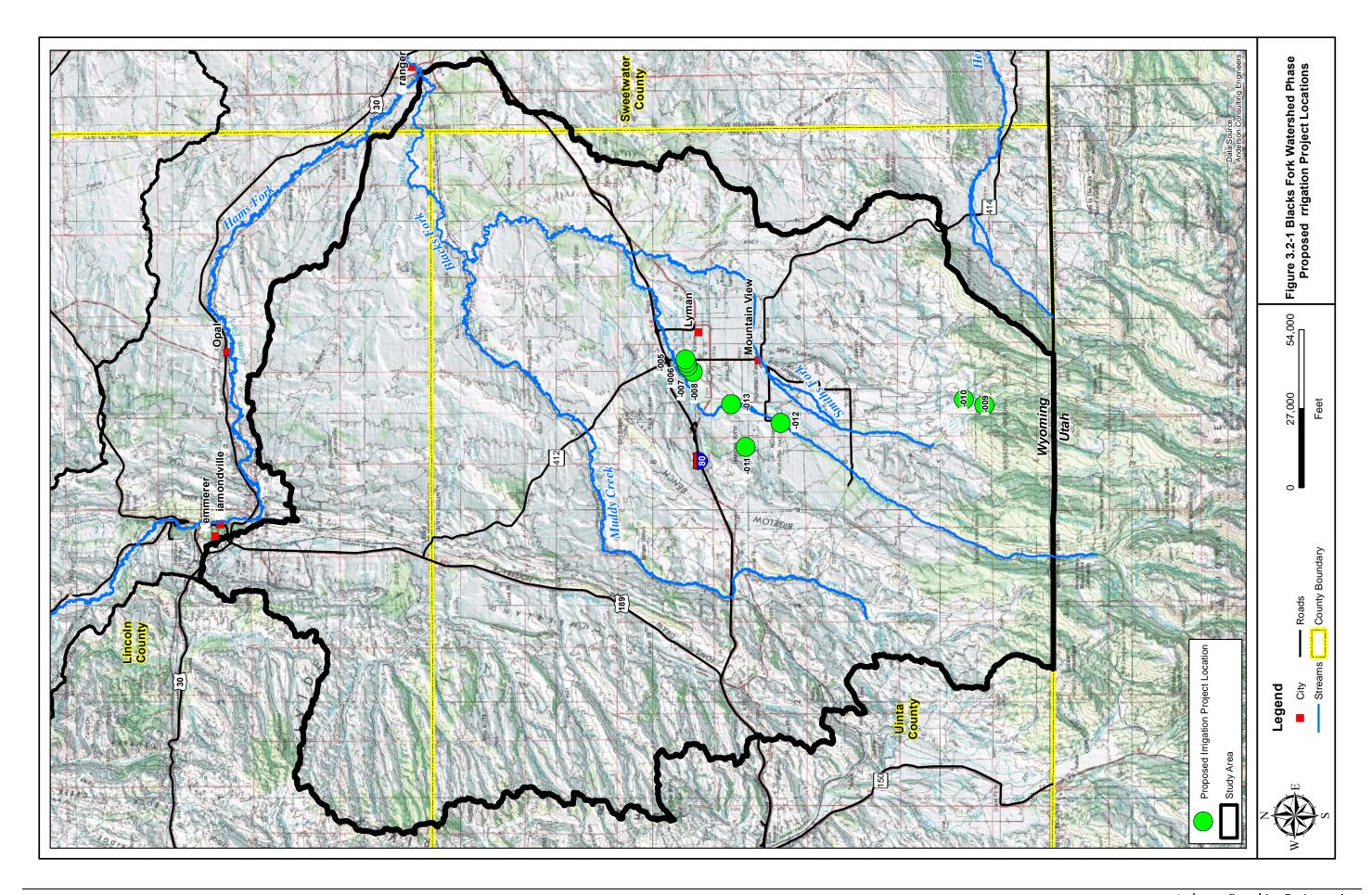
The improvements that comprise this component of the watershed management plan include:

- Rehabilitation/replacement of existing structures
- Mitigation of seepage losses
- Enhanced delivery of water
- Reduction in annual operation and maintenance costs
- Improvement in ditch management and efficiency through water measurement
- Economic practicality
- Physical feasibility

In this Phase II volume of the Blacks Fork River Watershed Study, narratives of the individual projects are presented along with conceptual cost estimates. The projects identified in this phase of the investigation and their respective component identifiers in the watershed management plan are summarized in Table 3.2-1. Figure 3.2-1 displays their general location.

Table 3.2-1 Watershed Plan Component: Irrigation Rehabilitation Projects (I).

Watershed Management Plan Component	Project ID	Project Name	Diversion	Headgate	Measurement Device	Siphon	Splitter Box	Ditch Earthwork	Geotextile Liner	Pipeline
		Phase II								
1-005	Eyre 001	Twin Buttes Canal Measurement Devices			3					
1-006	Eyre 002	Twin Buttes Canal Measurement Devices			1					
I-007	Eyre 003	Twin Buttes Canal Measurement Devices			1					
1-008	Eyre 004	Twin Buttes Canal Measurement Devices			1					
I-009	Kofford 003	Graham Reservoir Enhancement Project	1		1			1		
I-010	Kofford 004	Graham Reservoir Diversion Supply Ditch	1		1					
I-011	Mecham 001	Bridger Butte Canal Farm Turnout Rehabilitation		1						
I-012	Mecham 002	Bridger Butte Canal Diversion Structure	1	1						
I-013	Micheli 001	Twin Buttes Canal Rehabilitation	1	1						



3.2.1 I-005 through I-008 Twin Buttes Canal Measurement Devices (Project ID: Eyre-001, Eyre 002, Eyre 003 and Eyre 004)

Measurement devices on the Twin Buttes Canal are recommended at several locations based upon discussions with the current ditch rider. Ditch conditions vary from site to site, therefore site specific design would need to be considered prior to final design of any structures. Figure 3.2-2 displays the locations of the proposed ditch improvements. Site Eyre 001 is located where the ditch splits to several users, consequently three individual measurement devices would be required at this location. In addition, channel slope at this location is very low, consequently special attention to measurement device type and design must be considered.

3.2.2 I-009 Graham Reservoir Enhancement Project (Project ID: Kofford 003)

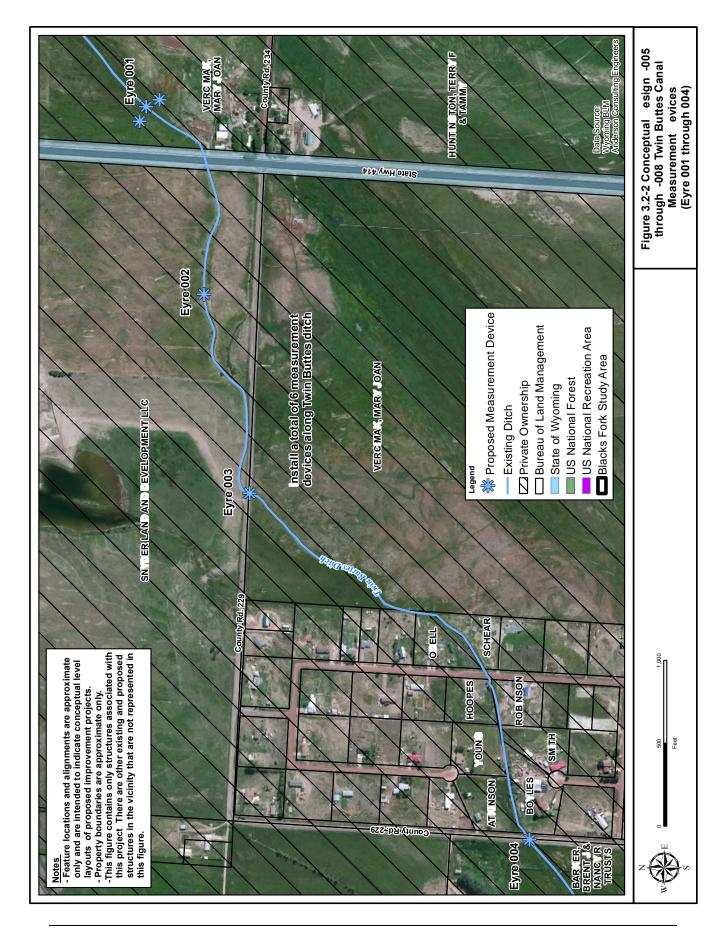
This proposed project would involve construction of a trans-basin diversion to provide additional supply for the Milich Ditch.

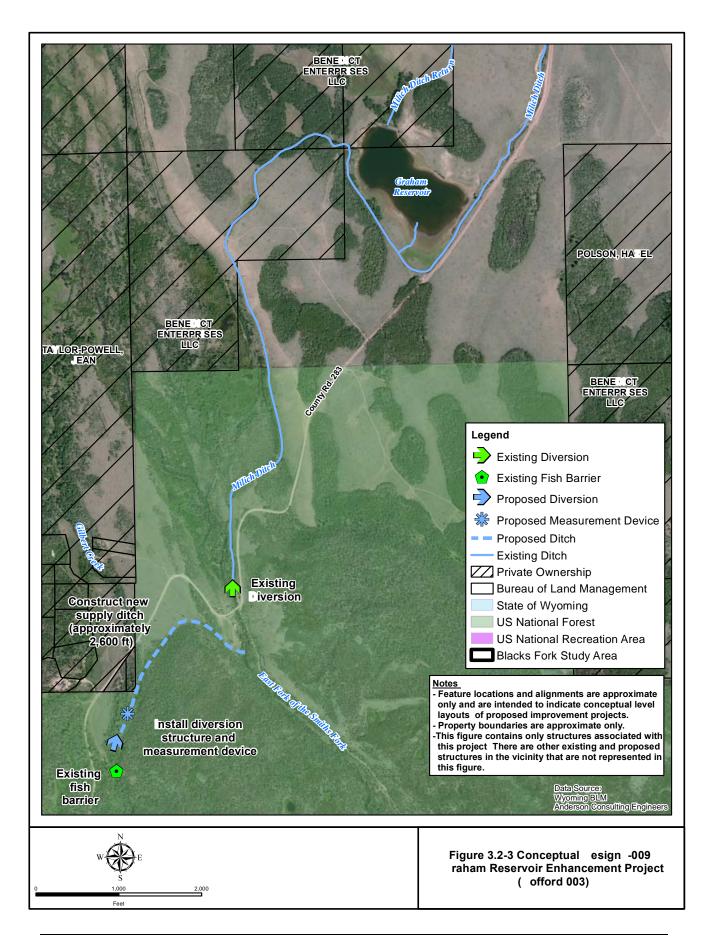
Currently, the Milich Ditch diverts water from the East Fork of the Smiths Fork River and conveys it to acres of irrigated lands downstream. As indicated in Figure 3.2-3, the Graham Reservoir can store water conveyed by the ditch and release it back to the Milich Ditch at a later time. Prior to construction of the Stateline Reservoir in 1979, reservoir owners had no problems filling the reservoir during the spring flood flows. However, with the completion of Stateline Reservoir, these flows have been reduced and filling of Graham Reservoir has become problematic.

In an effort to augment supply sources, Graham Reservoir owners have initiated investigation of diverting flows from nearby Gilbert Creek for storage in the reservoir.

The proposed project would involve the following components:

- Construction of diversion structure on Gilbert Creek downstream of an existing fish barrier
 constructed by the USFS, WGF, and TU. The purpose of the barrier is to act as a barrier to fish
 moving upstream and thereby protect genetic purity of Colorado River Cutthroat Trout
 populations upstream. Placement of the new diversion downstream of the barrier would not
 affect its function.
- Construction of a supply ditch from the new diversion structure to the East Fork of the Smiths
 Fork River where diverted flows would join the East Fork of the Smiths Fork River to be picked
 up at the existing Milich Ditch Diversion structure located approximately 1,000 feet
 downstream.
- A measurement device would be installed near the new diversion to monitor flows into the new supply ditch.





Completion of this project would involve federally owned lands managed by the USFS. Permits would be required to construct the diversion facilities on Gilbert Creek and the new supply canal. In addition, water rights to complete the project would need to be obtained through the WSEO.

3.2.3 I-010 Graham Reservoir Supply Ditch (Project ID: Kofford 004)

This proposed project would involve replacement of an existing diversion and installation of a measurement device on the Graham Reservoir Supply Ditch. As indicated in Figure 3.2-4, the Graham Reservoir can store water conveyed by the ditch and release it back to the Milich Ditch at a later time.

The proposed project would involve the following components:

- At the location of the existing diversion structure on the Milich Ditch at the Graham Reservoir, a
 new structure would be built to facilitate diversion of flows into the reservoir or allowing it to
 continue on downstream in the Milich Ditch.
- A measurement device would be built at this location to monitor flows into the reservoir.

3.2.4 I-011 Bridger Butte Canal Farm Turnout Rehabilitation (Project ID: Mecham 001)

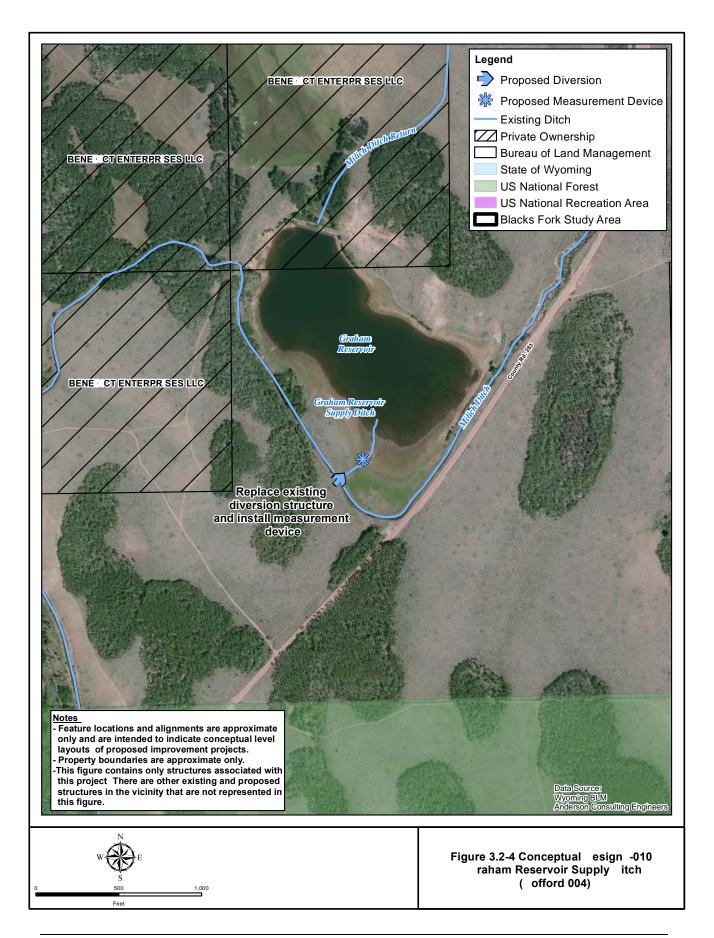
This project involves the rehabilitation of a farm headgate on the Bridger Butte Canal. The headgate is located in the Northwest corner of Section 13, Township 15 North, Range 116 West. Figure 3.2-5 displays a photo of the headgate in its current condition and displays the approximate angle the headwall is leaning. The headgate and headwall appear to be in good condition, however, the entire structure currently leans toward the canal and is unstable. Separation from the culvert under the canal maintenance road has resulted in seepage around the pipe. Figure 3.2-6 displays an overview of the project area.

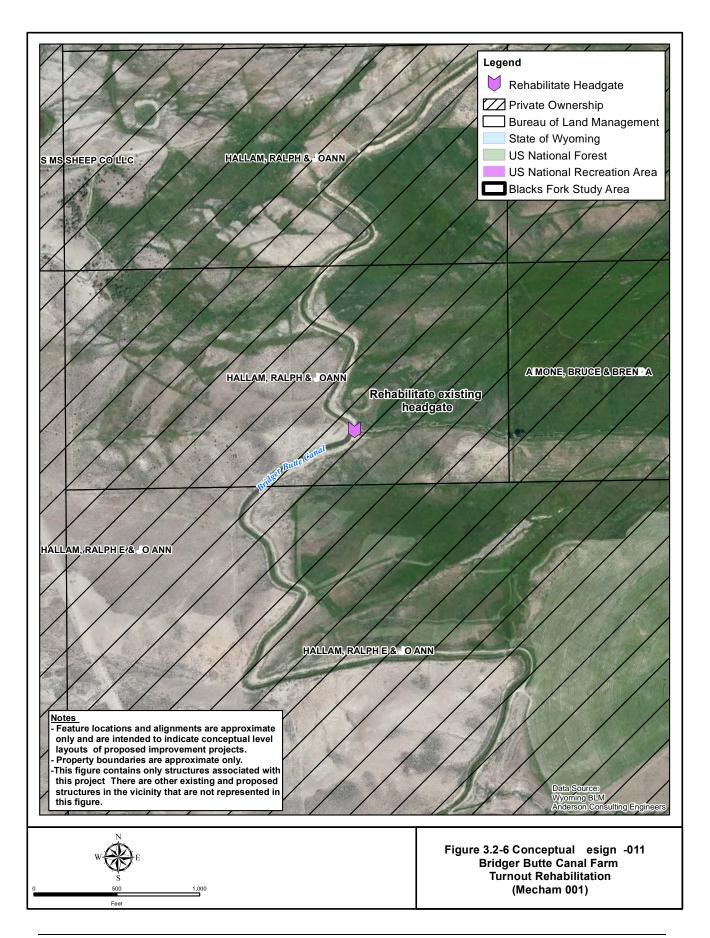


Figure 3.2-5. Failing Farm Turnout Headgate on Bridger Butte Canal.

The following components are recommended for completion of this project:

- Inspection of the existing culvert to verify its structural integrity. Should inspection determine the culvert to be unsound or its integrity threatened, it should be replaced. The existing culvert is 18 inches in diameter and 25 feet long.
- The headgate and headwall should be removed and reinstalled ensuring adequate connection to the culvert to eliminate seepage and leakage.





3.2.5 I-012: Bridger Butte Canal Diversion Structure Rehabilitation (Project ID: Mecham 002)

This diversion and headgate serve the Bridger Butte Canal on the Blacks Fork River in Section 30, Township 15 North, Range 115 West. According to records available through the Wyoming State Engineers Office, the total irrigated acreage served by the ditch in Wyoming is as follows:

Permit	Priority Date	Irrigated Acres	Cubic Feet Per Second
P2064	12/22/1898	1,844.43	26.37
P1443	9/25/1905	60.0	.86
	Total	1,904.43	27.23

At the request of ditch representatives, the diversion structure and headgate were evaluated. The ditch headgate appears to be in fair condition. The structure is composed of concrete and wood of unknown age. There is no headgate or other means of controlling diverted quantities at this location. Figure 3.2-7 shows the Bridger Butte Canal Diversion Structure

A wasteway in good condition is located approximately 900 feet downstream. At that location, the ditch company can regulate their diversions by spilling unwanted water back to the river. The WSEO has installed a telemetered measurement device approximately 1,400 feet downstream of the canal headgate.



Figure 3.2-7 Bridger Butte Diversion Structure.

According to the ditch representative, it is our understanding that maintenance of the diversion structure is problematic. Annual maintenance requirements of the diversion include construction of a "push up" dam in the channel to provide diversion capability. High flows in the Blacks Fork River frequently obliterate the dams rendering diversion difficult afterwards.

At this time, a replacement of the failing diversion structure is recommended. This effort would include construction of a new concrete diversion dam on the Blacks Fork and replacement of the existing diversion structure. Preliminary design considerations are based upon construction of a concrete diversion dam to provide the desired water surface elevation for optimal diversions at both high and low

stream discharges. Consultation with Trout Unlimited should be arranged to determine the likelihood of potential partnering on the project.

Replacement of the existing headgate is also recommended. Installation of a concrete structure incorporating a slide gate to facilitate control of diversions at this location would be desirable. Figure 3.2-8 displays the general project location.

3.2.6 I-013 Twin Buttes Canal Diversion Rehabilitation (Project ID: Micheli-001)

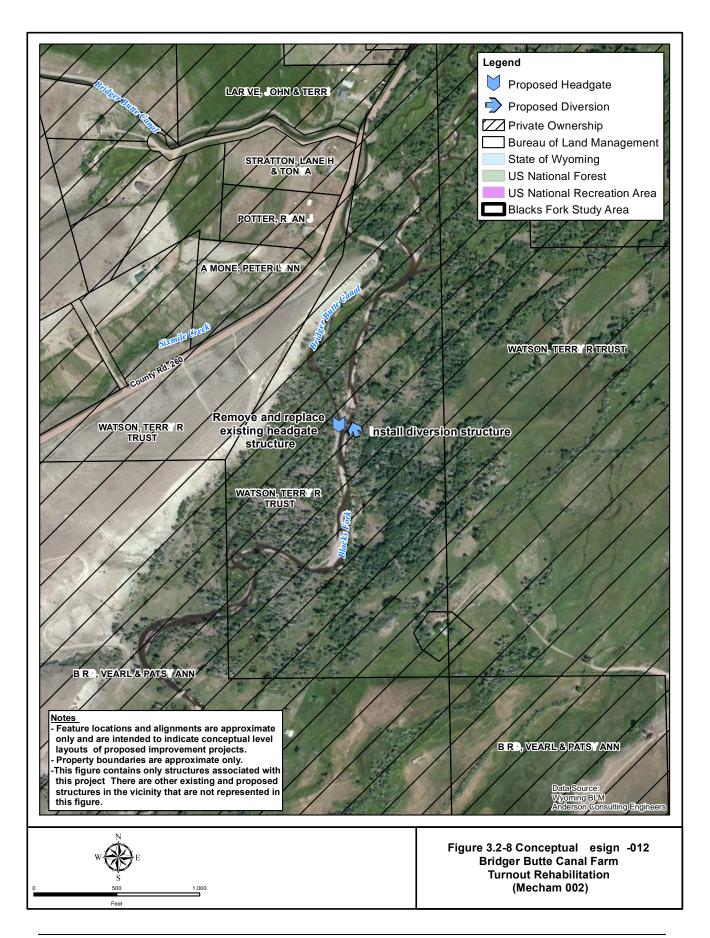
The Twin Buttes Canal diversion structure is located on the Blacks Fork River in Section 9, Township 15 North, Range 115 West. A change in point of diversion and conveyance of the Shurtliff and Early Ditch resulted in the Twin Buttes Canal conveying water for both systems. Consequently, several water rights are associated with the canal; most senior of which carries a priority date of 1887.

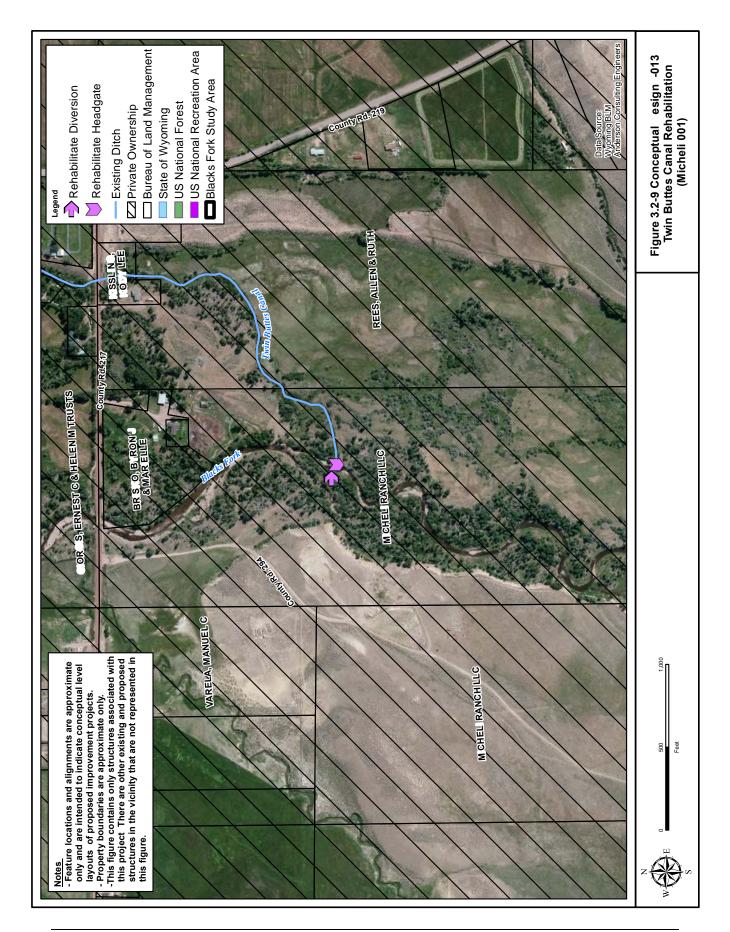
According to ditch representatives, the diversion structure on the Blacks Fork River is poorly aligned with respect to the channel approach. The diversion structure is not aligned perpendicular to the current channel configuration; during low flow periods the canal headgate can be left "high and dry" because the stream impinges upon the left (far) side of the river. Consequently, during low flow periods, the ditch company must rework the channel to bring water back to the diversion structure. Figure 3.2-9 shows the locations of the diversion structure and headgate.

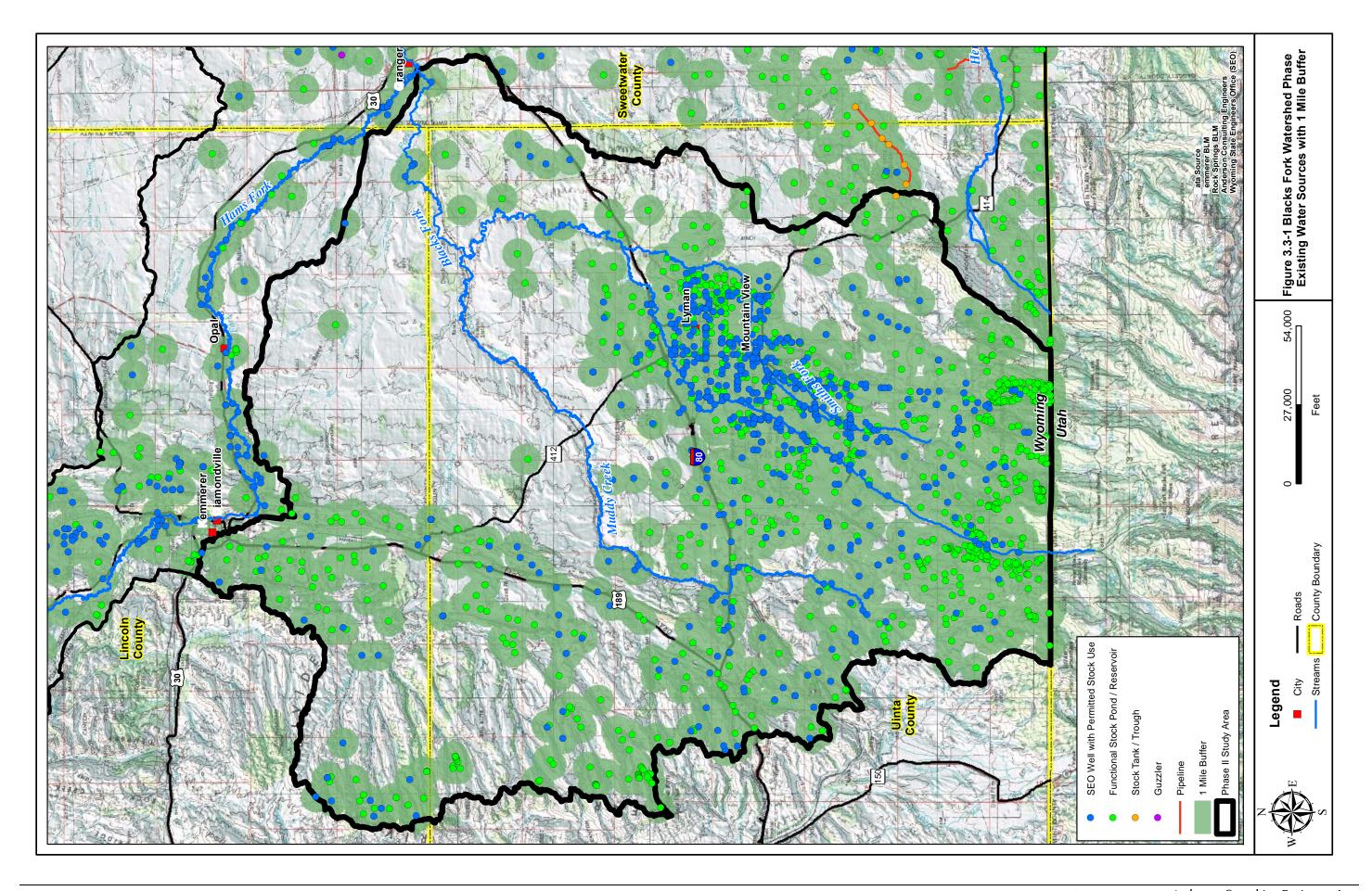
Based upon a preliminary review of the structure and its configuration, it appears that the structure could be reconfigured in place to push the water during low flow periods to the right (near) bank of the river where diversion could be facilitated. The exposed concrete of the diversion structure appears to be competent and in fair to good condition. It is our understanding that a concrete apron underlies river gravels upstream of the diversion dam. A concrete wall across the channel and upstream of the existing vertical drop, could conceivably be constructed which would pass high flows while diverting low flows towards the headgate. Actual alignment and configuration of the remediation would be determined during the design process should ditch management decide to move forward with this project.

3.3 Upland Wildlife/Livestock Watering Sources (Watershed Management Plan Component L/W)

As presented in the Basinwide volume of this report, water sources deemed "viable" were mapped within the project GIS. Based upon the premise that existing water sources are capable of providing water to livestock within a one mile radius, buffers were drawn around the mapped sources (Figure 3.3-1). Note that this figure does not show buffers about perennial / intermittent streams nor springs. When viewing this figure, it should be kept in mind that stock reservoirs represent ephemeral sources of water; the majority of them rely upon rainfall runoff for their water supply. Also, although all wells with stock use as a permitted use are shown, not all may in actuality be equipped to provide livestock / wildlife water.







A list of interested land owners and allotment permittees was generated based upon input obtained at project meetings. Individual meetings were scheduled and completed to gain their input on the water needs of their respective geographical areas of interest. Based upon the results of these interviews and the information presented above pertaining to existing water supplies and areas in need of upland water development, conceptual water development projects were identified. The general objective of this effort was to create a means of providing reliable sources of livestock / wildlife drinking water in water-short portions of the watershed as well as alternative water supplies to riparian corridors.

In this Phase II volume of the Blacks Fork River Watershed Study, the Livestock/Wildlife water supply projects lying within the boundaries of the investigative phase are presented. The projects identified in this phase of the investigation and their respective component identifiers in the watershed management plan are summarized in Table 3.3-1. The following information is presented for each of the livestock/wildlife (L/W) watershed plan components:

- 1. Narrative description of the project including the individual components, land ownership, location and benefit. This information is presented in the following paragraphs.
- 2. Conceptual Drawings showing the overall layout and design of the project.

Figure 3.3-2 displays the general location of all livestock/wildlife water opportunity projects.

It must be kept in mind that designs presented in this report are conceptual only. The indicated alignments of pipelines and placement of livestock / wildlife watering facilities are general and intended to represent the concept behind the alternatives if implemented, detailed design would be required. It must also be kept in mind that maintenance of proposed projects is imperative to their success.

3.3.1 L/W-019 through L/W-036 Company Ranch Projects (Project IDs CR-001 through CR-018)

The Company Ranch is located in the northwestern portion of the project study area. In coordination with NRCS staff in Pinedale, Wyoming, eighteen projects have been delineated. The Company Ranch and the NRCS are currently in the process of designing the projects and applications for funding through the NRCS EQIP program have been completed.

These projects all fall within the eligibility guidelines of the WWDC SWPP. Consequently, there is opportunity for partnering among Federal and State agencies to provide funding opportunities.

NRCS staff have written descriptions of each project which are incorporated in this report as Appendix 3A. Figure 3.3-3 displays the general location of the projects.

Table 3.3-1. Watershed Plan Component: Livestock/Wildlife Supply Projects (L/W).

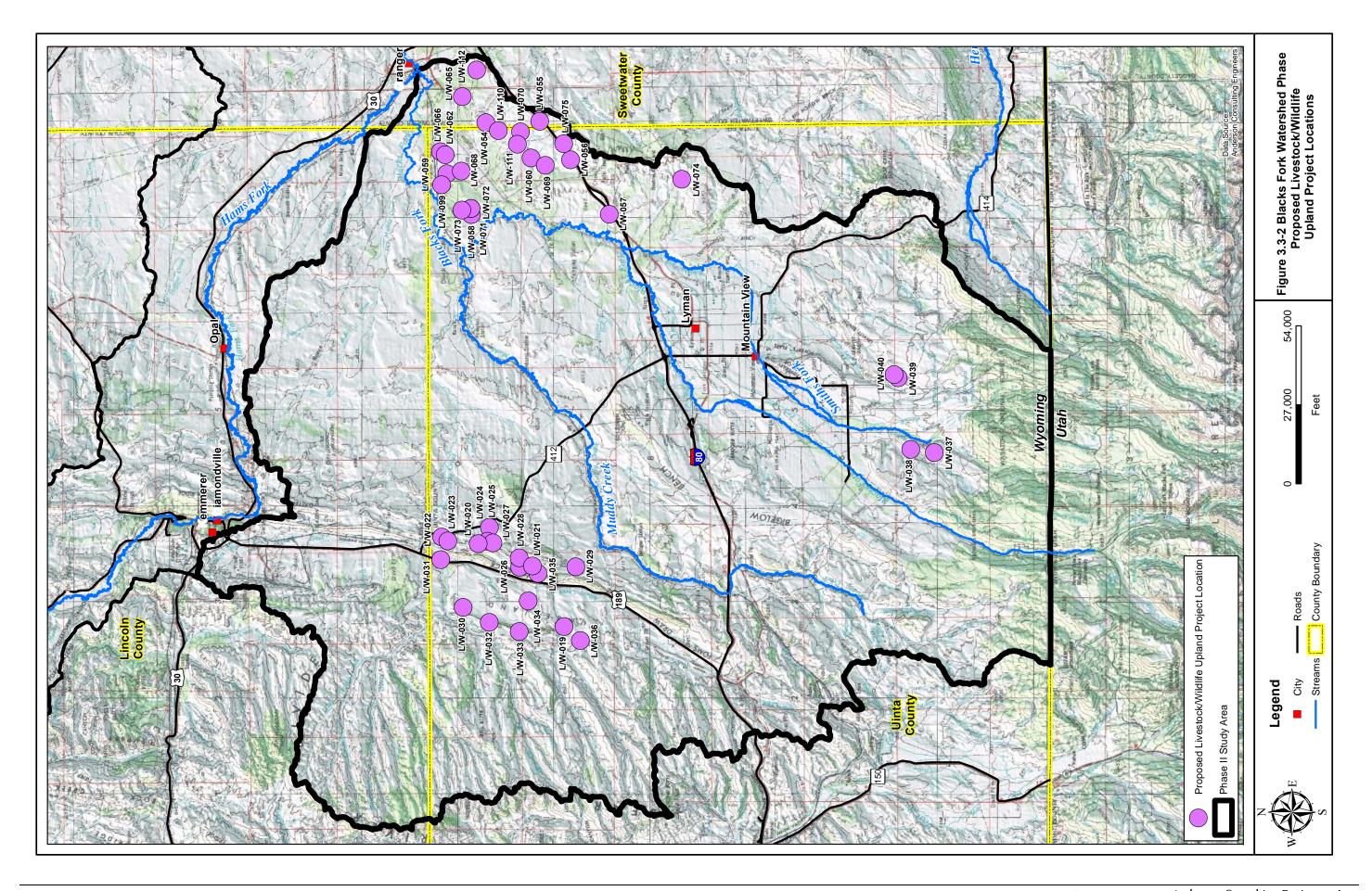
		3-1. Watershed Flan Component.									
Watershed Management Plan Component	Project ID	Project Name	Spring Development	Pipeline	Stock Tank	Storage Tank	Well Construction / Rehabilitation	Solar Pump / Generator	Stock Reservoir Rehabilitation	Stock Reservoir Construction	Guzzler Construction
		Phas	e II								
L/W-019	CR001	Meadow Draw #6	1	5,890	2	1					
L/W-020	CR002	Section 19 Seep/Spring on Anadarko	1	200	1						
L/W-021	CR003	Bridger Well No. 13 on Anadarko	1	400	1						
L/W-022	CR004	Section 6 Well on BLM		5,280	2	1		1			
L/W-023	CR005	Cumberland No. 9 on Anadarko							1		
L/W-024	CR006	Cumberland No.31 Pond							1		
L/W-025	CR007	Cumberland No. 22 Well on Anadarko	1	400	1						
L/W-026	CR008	Bridger Pond No. 3 on Anadarko									1
L/W-027	CR009	Section 30 Spring on BLM	1	200	1						
L/W-028	CR010	Albert Creek Well #1 on State Lands		11,880	2	1		1			
L/W-029	CR011	Bridger No. 10 Pond on Anadarko/BLM		1,320	1	1	1	1			
L/W-030	CR012	Elkol No. 3 Pond							1		
L/W-031	CR013	Section 1 Well on Anadarko		200	1			1			
L/W-032	CR014	Section 20 Spring/Pipeline on BLM/Anadarko	1	13,200	3						
L/W-033	CR015	Section 31 Spring/Pipeline on Anadarko/BLM	1	5,280	3	1					
L/W-034	CR016	Section 4 Pond on BLM							1		
L/W-035	CR017	Bridger No. 14 Well and Bridger No. 7 Pond on Anadarko	1	200	1						
L/W-036	CR018	Section 19 Well/Pipeline on Anadarko/BLM		10,560	2	1	1	1			
L/W-037	Hamilton 001	West Fork of Smith Fork Pipeline Project		20,000	1						
L/W-038	Hamilton 002	Cold Spring Pipeline Project	1	570	1						
L/W-039	Kofford 001	Wildflower Spring Development Project 1	1	200	1						
L/W-040	Kofford 002	Clifford Spring Development	1	200	1						
L/W-054	UDC-012	South-East Stock Reservoir							1		
L/W-055	UDC-013	Wildcat #3 Stock Reservoir							1		
L/W-056	UDC-014	Wildcat #1 Stock Reservoir							1		
L/W-057	UDC-015	Stock Reservoir							1		
L/W-058	UDC-016	Outer Blacksfork #7		300	1		1				
L/W-059	UDC-017	BP American Champlin Unit Well No. 186-B1		300	1		1				
L/W-060	UDC-018	Section 5 Spring	1	300	1						
L/W-062	UDC-020	Stock Reservoir			İ				1		
L/W-065	UDC-023	Stock Reservoir							1		
L/W-066	UDC-024	Stock Reservoir							1		
L/W-068	UDC-026	Stock Reservoir							1		
L/W-069	UDC-027	Wildcat #4	1	300	1						
L/W-070	UDC-028	Flowing Well		300			1		1		
L/W-071	UDC-029	Bruff Wsw #1		300	1		1				
L/W-072	UDC-030	Stock Reservoir							1		
L/W-073	UDC-031	Stock Reservoir							1		
L/W-074	UDC-032	Mud Springs	1	300	1				1		
L/W-075	UDC-033	Bluemel Stock Reservoir							1		
L/W-099	UDC-057	Stock Reservoir							1		
L/W-110	UDC-068	Spring	1	300	1						
L/W-111	UDC-069	Spring	1	300	1						
L/W-112	UDC-070	Spring	1	300	1						
-,		-F0				1					

3.3.2 L/W-037: West Fork of Smith Fork Pipeline Project (Project ID: Hamilton 001)

This alternative would involve the installation of a pipeline originating at the terminus of an existing irrigation ditch to convey water downslope to an existing stock water pit. The project would be located in Township 13 North, Range 116 West, Sections 11, 12, 14, 23, 26, and 27. The project would supply water to a portion of the watershed lacking adequate alternative livestock and wildlife upland water sources. Figure 3.3-4 displays the conceptual design of the project.

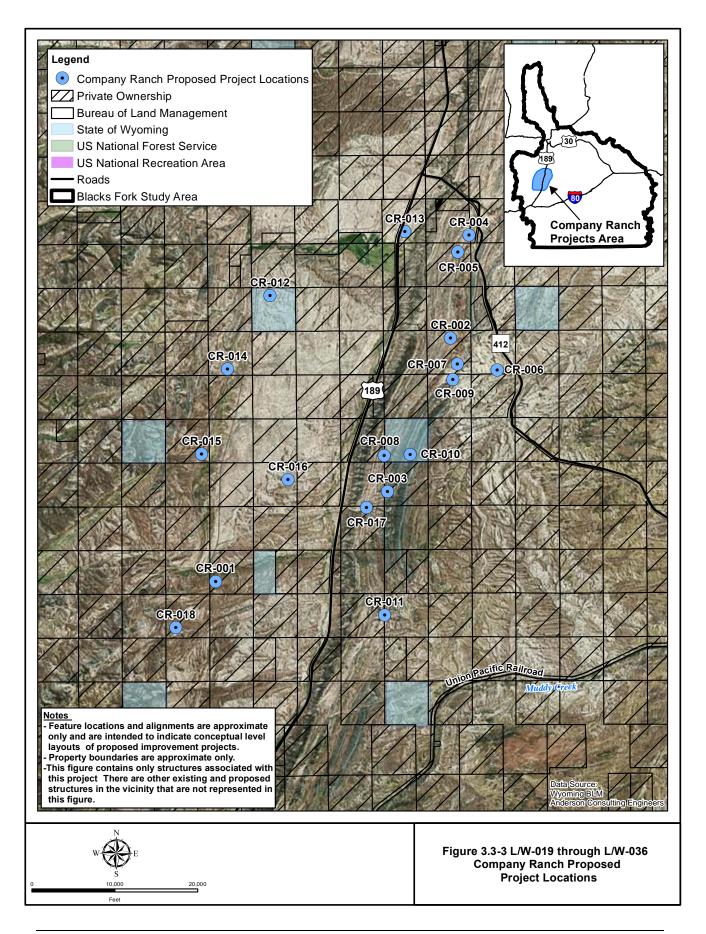
Under this alternative, the following components would be employed:

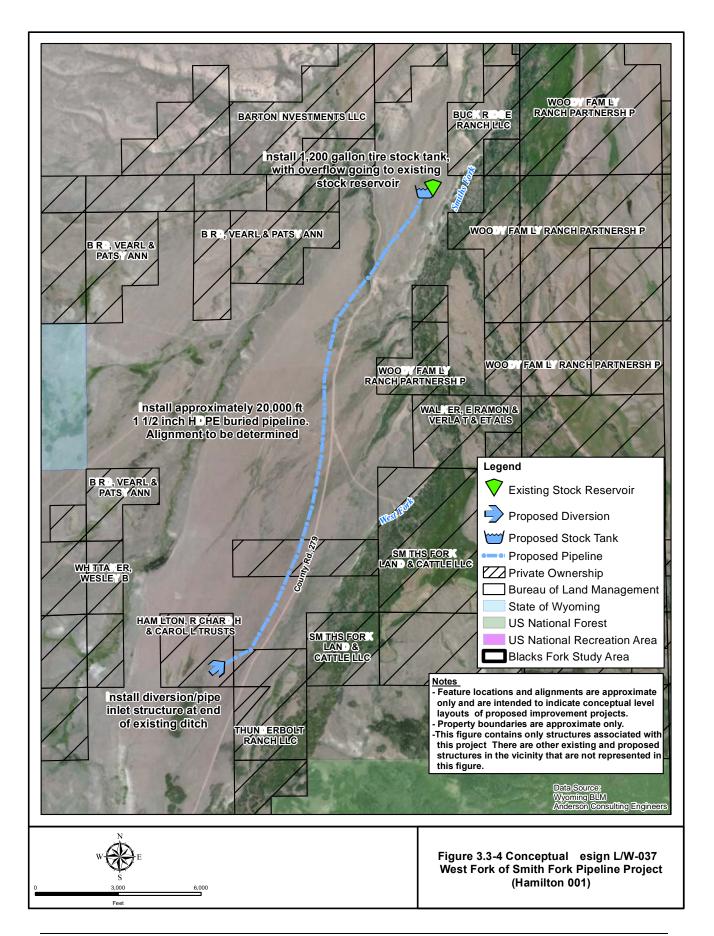
- Water conveyed via the Hamilton Enlargement of the Cold Springs Ditch (Permit No. P6770.0E) would be conveyed via a 1 ½ inch buried HDPE pipe.
- The pipeline would extend approximately 20,000 feet downslope to a 1,200 gallon stock tank.
- Overflow from the stock tank would be captured in an existing stock water reservoir.



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3.17 Anderson Consulting Engineers, Inc.





- Requisite valves and fittings would be incorporated to facilitate management of flows and water levels.
- Wildlife egress ramps would be installed in the proposed stock tank.

Note that this involves both privately owned and federally owned lands (BLM).

3.3.3 L/W-038: Cold Spring Pipeline Project (Project ID: Hamilton 002)

This alternative would involve the development of an existing spring in the Willow Creek subwatershed. The alternative would supply water to a portion of the watershed lacking adequate alternative livestock and wildlife upland water sources. Figure 3.3-5 displays the conceptual design of the project.

Under this alternative, the following components would be employed:

- An existing spring would be developed in Section 11, Township 13 North, Range 116 West. A valve would be included for management of pipeline flows.
- From the spring, water would routed north westerly via a pipeline to a 1,200 gallon stock tank.
- Approximately 570 linear feet of buried 1 ½ inch HDPE low-pressure pipeline would be required.
- Requisite valves and fittings would be incorporated to facilitate management of flows and water levels.
- Wildlife egress ramps would be installed in the proposed stock tank.
- The spring vicinity would be fenced to prevent spring development damage from livestock and wildlife.

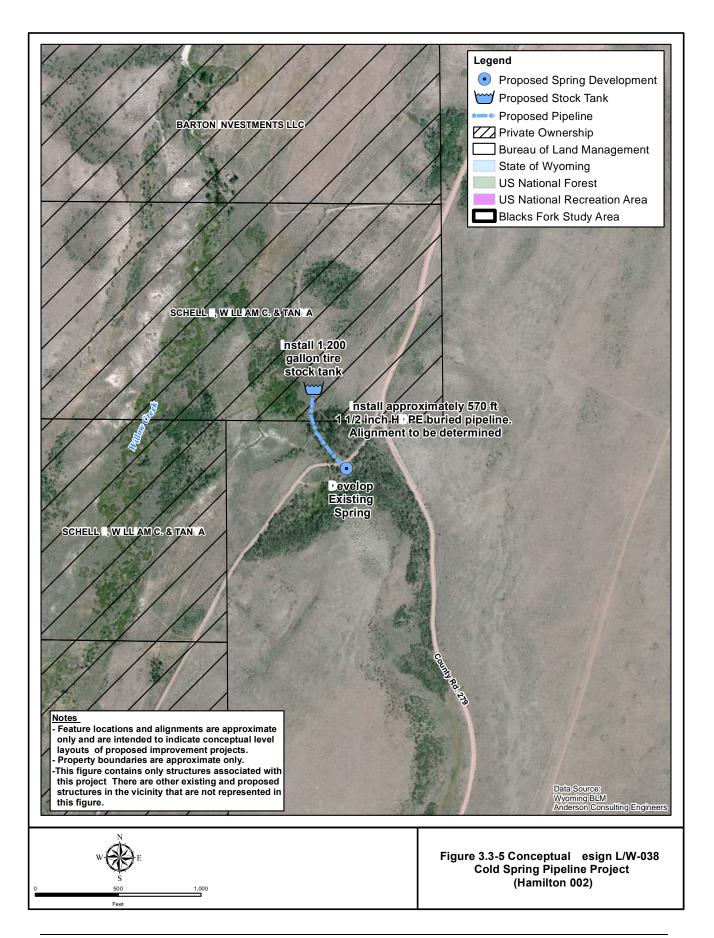
Note that this involves both privately owned and federally owned lands (BLM).

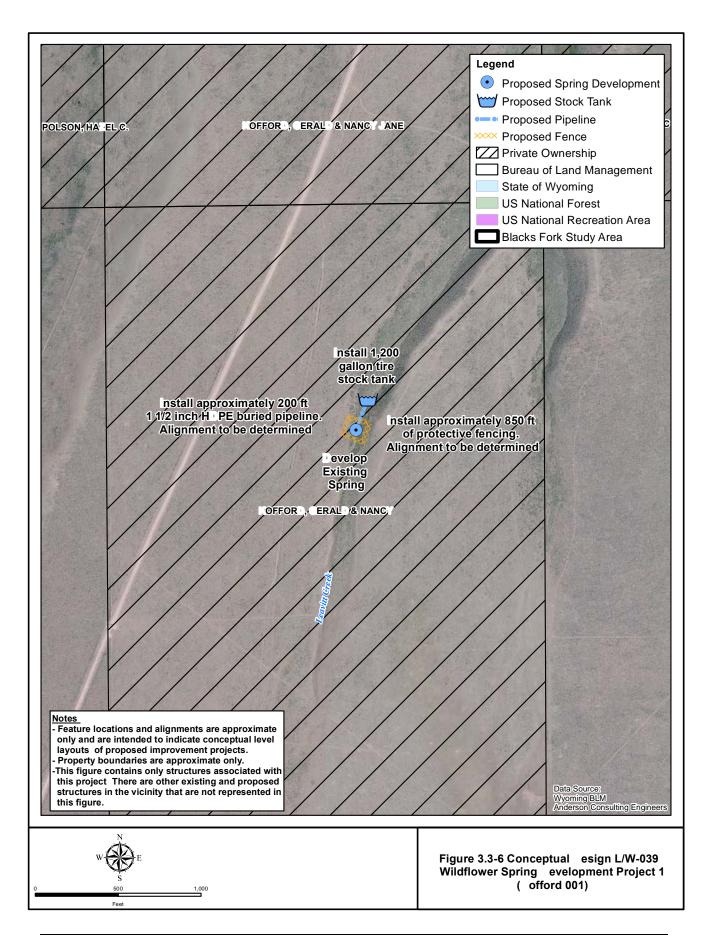
3.3.4 L/W-039: Wildflower Spring Development Project 1 (Project ID: Kofford 001)

This alternative would involve the development of an existing spring in the Leavitt Creek subwatershed (tributary to the Smiths Fork). According to the WSEO online database, the spring is called the Wildflower Spring and is permitted to Gerald and Nancy Kofford under permit number P200238W. The proposed project is located entirely on privately owned property. The alternative would provide a reliable supply water to a portion of the watershed lacking adequate alternative livestock and wildlife upland water sources. Figure 3.3-6 displays the conceptual design of the project.

Under this alternative, the following components would be employed:

- An existing spring would be developed in Section 3, Township 13N, Range 115W. A valve would be included for management of pipeline flows.
- From the spring, water would drain downslope (northeasterly) to a 1,200 gallon stock tank.
- Approximately 200 linear feet of buried 1 ½ inch HDPE low-pressure pipeline would be required.





- Requisite valves and fittings would be incorporated to facilitate management of flows and water levels.
- Wildlife egress ramps would be installed in the proposed stock tank.
- The spring vicinity would be fenced to prevent spring development damage from livestock and wildlife.

Note that the proposed project as delineated would involve only privately owned lands for pipeline alignment and stock tank placement.

3.3.5 L/W-040: Clifford Spring Development (Project ID: Kofford 002)

This alternative would involve the development of an existing spring in the Leavitt Creek subwatershed (tributary to the Smiths Fork). According to the WSEO online database, the spring is called the Clifford Spring and is permitted to Gerald and Nancy Kofford under permit number P200237.0W. The proposed project is located entirely on privately owned property. The alternative would provide a reliable supply water to a portion of the watershed lacking adequate alternative livestock and wildlife upland water sources. Figure 3.3-7 displays the conceptual design of the project.

Under this alternative, the following components would be employed:

- An existing spring would be developed in Section 34, Township 14N, Range 115W. A valve would be included for management of pipeline flows.
- From the spring, water would drain downslope (northeasterly) to a 1,200 gallon stock tank.
- Approximately 200 linear feet of buried 1 ½ inch HDPE low-pressure pipeline would be required.
- Requisite valves and fittings would be incorporated to facilitate management of flows and water levels.
- Wildlife egress ramps would be installed in the proposed stock tank.
- The spring vicinity would be fenced to prevent spring development damage from livestock and wildlife.

Note that the proposed project as delineated would involve only privately owned lands for pipeline alignment and stock tank placement.

3.3.6 UDC Projects

Twenty two (22) projects identified by the Uinta Development Company (UDC) are located within the boundaries of the Phase II investigation. Table 3.3-2 tabulates the various construction components associated with these 22 projects. As presented in the Basinwide Report, conceptual designs and narratives of UDC projects were not prepared in this Level I investigation.

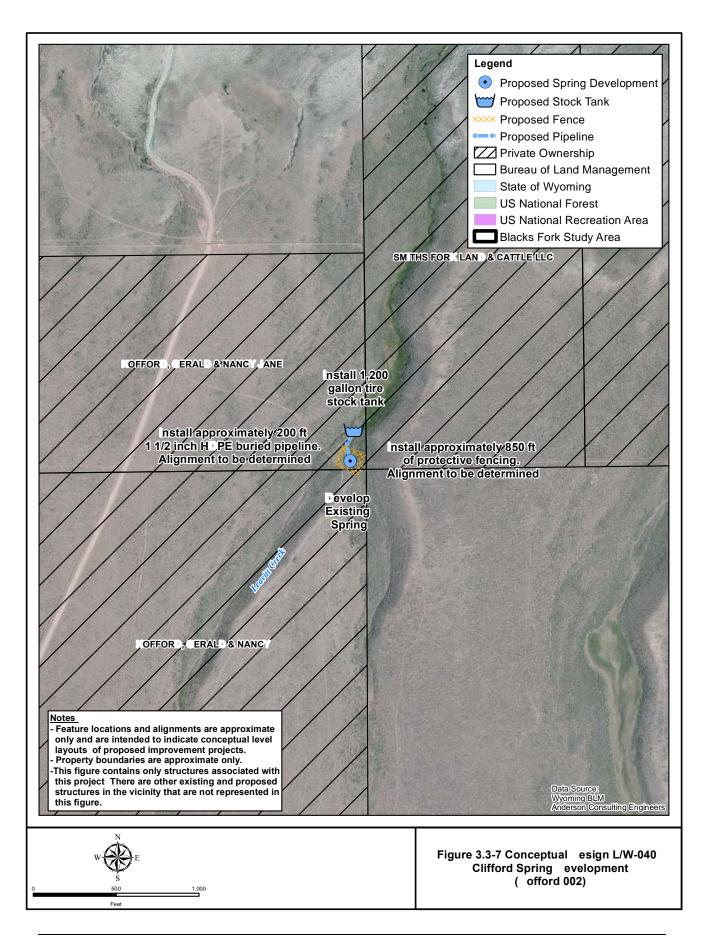


Table 3.3-2. UDC Project Construction Components.

Project Name	UDC Waypoint	Priority	Develop Source	Fence Source - 850'	Diversion Repair	Supply Ditch- Earthwork	Supply Ditch-Rock	Excavate Pond/Pit (Sediment Removal)	Line Pond/Pit (Bentonite)	Install Principal Outlet (Agri-Drain)	Repair Embankment- Earthwork	Repair Emergency Spillway-Earthwork	Repair Emergency Spillway-Rock	Install Buried Pipe - 300'	Install Stock Tank	Lattude (dd.ddd)	Longitude (dd.ddd)	QQ	Section	Town	Range	Pasture
Watershed Component L/W-054 (UDC-012)	25	Mid						x			x	x				41.5228	-110.042	SESE	22	T 18 N	R 11 2	CHURCH BUTTES
Watershed Component L/W-055 (UDC-013)	27	Low						x	×	x	x					41.4721	-110.041	SENE	10	17 N	R 112 W	CHURCH BUTTES
Watershed Component L/W-056 (UDC-014)	28	Low			x	×		x	×		x	x	×			41.4436	-110.09	NENW	20	T 17 N	R 112 W	CHURCH BUTTE
Watershed Component L/W-057 (UDC-015)	29	Low							×		x					41.4079	-110.158	SESE	34	T 17 N	R 113 W	CHURCH BUTTE
Watershed Component L/W-058 (UDC-016)	31	High		×										×	x	41.5374	-110.157	SESE	15	T 18 N	R 113 W	CHURCH BUTTES
Watershed Component L/W-059 (UDC-017)	32	High		×										×	х	41.56	-110.106	NWNE	7	T 18 N	R 112 W	CHURCH BUTTES
Watershed Component L/W-060 (UDC-018)	34	High	x	x										×	x	41.4807	-110.087	NWSE	5	T 17 N	R 112 W	CHURCH BUTTES
Watershed Component L/W-062 (UDC-020)	37	Low			x			x	x							41.5606	-110.081	NENE	8	T 18 N	R 112 W	CHURCH BUTTES
Watershed Component L/W-065 (UDC-023)	40	Low				x		x	×		х	x				41.5445	-110.009	SWNE	13	T 18 N	R 112 W	CHURCH BUTTES
Watershed Component L/W-066 (UDC-024)	41	Mid			×			х	х				×			41.5657	-110.078	SESE	5	T 18 N	R 112 W	CHURCH BUTTES
Watershed Component L/W-068 (UDC-026)	46	Low									x					41.5464	-110.102	NWNE	18	T 18 N	R 112 W	CHURCH BUTTES
Watershed Component L/W-069 (UDC-027)	48	High	×	×										×	х	41.4673	-110.096	NWSW	8	T 17 N	R 112 W	CHURCH BUTTE
Watershed Component L/W-070 (UDC-028)	49	High		×				x	×					×		41.4902	-110.054	NWNW	3	T 17 N	R 112 W	CHURCH BUTTES
Watershed Component L/W-071 (UDC-029)	50	Low	×											×	x	41.5375	-110.149	swsw	14	T 18 N	R 113 W	CHURCH BUTTES
Watershed Component L/W-072 (UDC-030)	51	Low			×			×	×	×	×	x				41.5375	-110.149	SESW	11	T 18 N	R 113 W	CHURCH BUTTES
Watershed Component L/W-073 (UDC-031)	52	Mid			×			×	×							41.5461	-110.151	NWNW	14	T 18 N	R 113 W	CHURCH BUTTES
Watershed Component L/W-074 (UDC-032)	54	High	×	×				×						×	x	41.3396	-110.115	SENW	26	T 16 N	R 112	MASSACRE HILL
Watershed Component L/W-075 (UDC-033)	56	Low						х	х	х	х	х				41.4498	-110.07	SESW	16	T 17 N	R 112 W	MASSACRE HILL
Watershed Component L/W-099 (UDC-057)	96	Mid			x			х	×				×			41.5649	-110.119	SESE	1	T 18 N	R 113 W	CHURCH BUTTES
Watershed Component L/W-110 (UDC-068)	240	Mid	х	×										×	х	41.5111	-110.052	NESW	27	T 18 N	R 112 W	CHURCH BUTTES
Watershed Component L/W-111 (UDC-069)	241	Mid	×	×										×	х	41.4934	-110.07	SESW	33	T 18 N	R 112 W	CHURCH BUTTES
Watershed Component L/W-112 (UDC-070)	248	Mid	х	×										х	х	41.5308	-109.976	NENW	20	T 18 N	R 111 W	CHURCH BUTTES

3.4 Grazing Management Opportunities (Watershed Management Plan Component G)

3.4.1 State and Transition Models

The concepts and descriptions of Ecological Sites are covered in the Blacks Fork Watershed Basinwide Volume. Please refer to that volume for more information. The ESD for a given ecological site contains a wealth of information pertaining to the site and its community. Within each ESD is a State and Transition model.

Based upon the mapping which is available for the Phase II study area (see Figure 2.2-7), there are several ecological sites which are predominant. These ecological sites are:

- Saline Upland (SU) 7-9" Green River and Great Divide Basins
- Shallow Loamy (SwLy) 7-9" Green River and Great Divide Basins
- Sandy (Sy) 7-9" Green River and Great Divide Basins

The following descriptions of the Historic Climax Plant Communities (HCPC) associated with these ESDs are extracted from the NRCS descriptions (NRCS, 2008).

3.25

Saline Upland (SU) 7-9" Green River and Great Divide Basins

The interpretive plant community for this site is the Historic Climax Plant Community. Potential vegetation is about 50% grasses or grass-like plants, 5% forbs, and 45% woody plants. Saline tolerant plants dominate this site. The major grasses include bottlebrush squirreltail and Indian ricegrass. Other grasses may include rhizomatous wheatgrass, needleandthread, Sandberg bluegrass, and Salina wildrye. Gardner's saltbush and bud sagebrush are the dominant woody plants. Other woody plants may include greasewood and winterfat.

A typical plant composition for this state consists of bottlebrush squirreltail 15-30%, Indian ricegrass 15-25%, other grasses and grass-like plants 5-20%, perennial forbs 1-5%, Gardner's saltbush 25-45%, bud sagebrush 5-15%, and 5-10% other woody species. This state provides valuable winter grazing for domestic livestock. Ground cover, by ocular estimate, varies from 20-40%.

The total annual production (air-dry weight) of this state is about 400 pounds per acre, but it can range from about 200 lbs./acre in unfavorable years to about 600 lbs./acre in above average years.

This state is fragile, but well adapted to the Cool Central Desertic Basins and Plateaus climatic conditions. The diversity in plant species allows for some drought resistance. This is a sustainable plant community, but is difficult to reestablish when damaged. (Site/soil stability, watershed function, and biologic integrity).

Transitions or pathways leading to other plant communities are as follows:

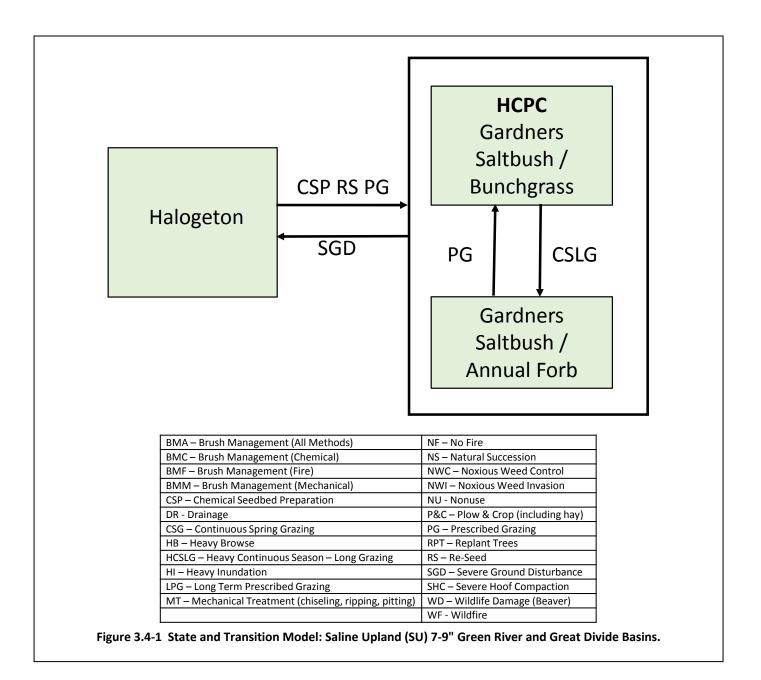
- Severe Ground Disturbance will convert this plant community to the Halogeton State.
- Continuous Season-long Grazing will convert this plant community to the Gardner's Saltbush/Annual Forb State.

Figure 3.4-1 displays the state and transition model for this site.

Shallow Loamy (SwLy) 7-9" Green River and Great Divide Basins

The interpretive plant community for this site is the Historic Climax Plant Community. Potential vegetation is about 70% grasses or grass-like plants, 10% forbs, and 20% woody plants. The major grasses include bluebunch wheatgrass, needleandthread, Indian ricegrass, and thickspike wheatgrass. Other grasses include Letterman needlegrass, Sandberg bluegrass, prairie junegrass, bottlebrush squirreltail, Salina wildrye, and needleleaf sedge. Winterfat is the major woody plant. Other woody plants include black, low, and big sagebrush, and green rabbitbrush.

A typical plant composition for this state consists of bluebunch wheatgrass 20-40%, needleandthread 10-20%, Indian ricegrass 10-20%, thickspike wheatgrass 10-20%, other grasses and grass-like plants 5-15%, perennial forbs 5-15%, winterfat 1-10%, and 5-15% other woody species. Ground cover, by ocular estimate, varies from 10-30%.



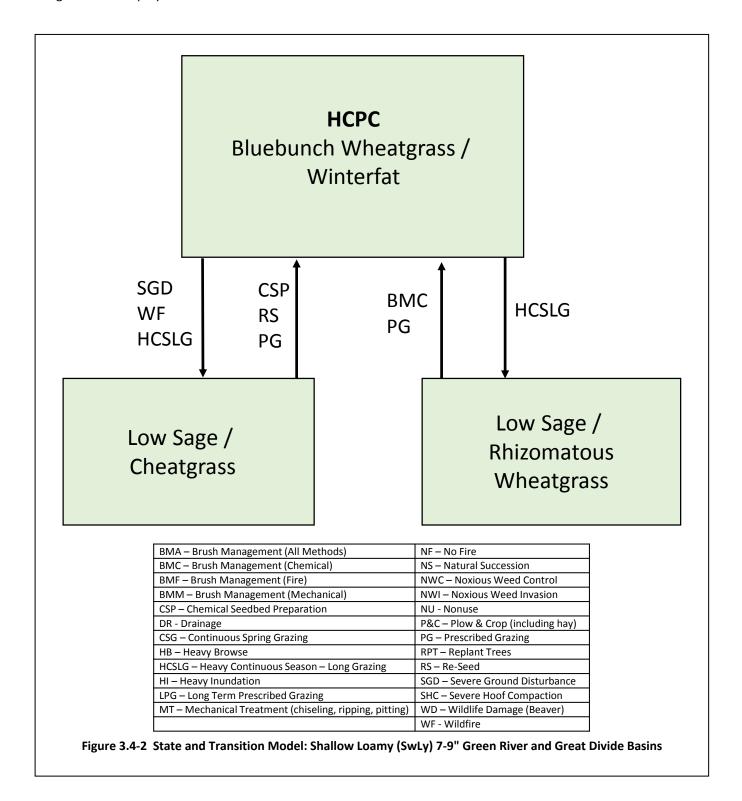
The total annual production (air-dry weight) of this state is about 350 pounds per acre, but it can range from about 200 lbs./acre in unfavorable years to about 450 lbs./acre in above average years. The state is extremely stable and well adapted to the Cool Central Desertic Basins and Plateaus climatic conditions. The diversity in plant species allows for high drought resistance. This is a sustainable plant community (site/soil stability, watershed function, and biologic integrity).

Transitions or pathways leading to other plant communities are as follows:

• Wildfire or Severe Ground Disturbance followed by Heavy Continuous Season-long Grazing will convert this plant community to the Low Sagebrush/Cheatgrass State.

• Heavy Continuous Season-long Grazing will convert this plant community to the Low Sagebrush/Rhizomatous Wheatgrass State.

Figure 3.4-2 displays the state and transition model for this site.



Sandy (Sy) 7-9" Green River and Great Divide Basins

The interpretive plant community for this site is the Historic Climax Plant Community. This state evolved with grazing by large herbivores and is well suited for grazing by domestic livestock. Potential vegetation is estimated at 70% grasses or grass-like plants, 10% forbs, and 20% woody plants. The major grasses include needleandthread, Indian ricegrass, thickspike wheatgrass, bluebunch wheatgrass, and bottlebrush squirreltail. Other grasses occurring in the state may include Sandberg bluegrass, prairie junegrass, needleleaf sedge, Canby bluegrass, plains reedgrass, threeawn, and galleta. Wyoming big sagebrush is the dominant woody plant. Other woody species include green and rubber rabbitbrush, spiny hopsage, spineless and spiny horsebrush, bitterbrush, and winterfat.

A typical plant composition for this state consists of needleandthread 10-30%, Indian ricegrass 10-30%, thickspike wheatgrass 10-25%, bottlebrush squirreltail 5-15%, bluebunch wheatgrass 5-10%, other grasses and grass-like plants 5-10%, perennial forbs 5-10%, Wyoming big sagebrush 5-10%, and 5-10% other woody species. Ground cover, by ocular estimate, varies from 20-30%.

The total annual production (air-dry weight) of this state is about 550 pounds per acre, but it can range from about 350 lbs./acre in unfavorable years to about 750 lbs./acre in above average years.

The state is stable and well adapted to the Cool Central Desertic Basins and Plateaus climatic conditions. The diversity in plant species allows for high drought resistance. This is a sustainable plant community (site/soil stability, watershed function, and biologic integrity).

Transitions or pathways leading to other plant communities are as follows:

- Nonuse and No Fire will convert this plant community to the Big Sagebrush/Bunchgrass State.
- Heavy Continuous Season-Long Grazing will convert this plant community to the Big Sagebrush/Rhizomatous Wheatgrass State.
- Wildfire followed by Continuous Season-long Grazing will convert this plant community to the Rabbitbrush/Rhizomatous Wheatgrass State.

Figure 3.4-3 displays the state and transition model for this site.

3.5 Water Storage Opportunities

Seven potential reservoir storage projects were identified within this phase of the Blacks Fork Watershed investigation. Potential projects include construction of new reservoirs approximately 200 acre feet in size, rehabilitation of existing facilities in need of update or repair, and enlargement of existing facilities. Table 3.5-1 tabulates the projects and pertinent information. Figure 3.5-1 shows their location.

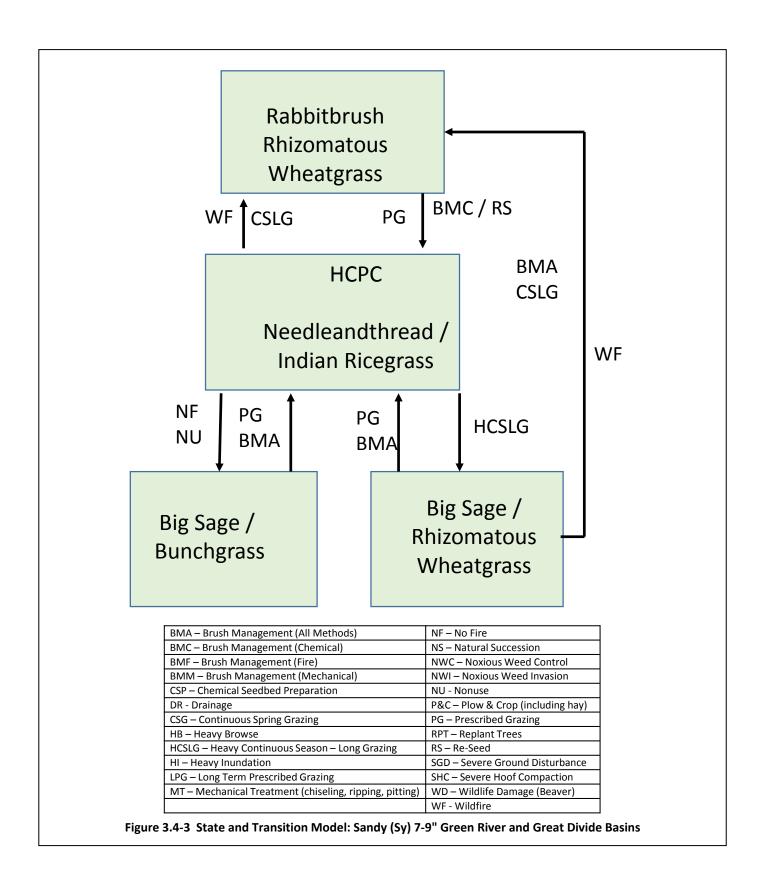


Table 3.5-1 Phase II Water Storage Opportunities.

		Phase II Watershed Plan Compo	onent: Storage Op	portunities (S)		
						Storage
Watershed Plan Component	Study Area Phase	Project name	Action	Source	Existing	New Construcion / Enlarged
		Large Ro	eservoirs			
S-002	II	Meeks Cabin	Enlargement	East Fork Smiths Fork	32,470	+3,750 - 4,000
S-003	II	Stateline	Enlargement	East Fork Smiths Fork	14,000	+2,000
S-006	II	Austin Reservoir	Rehabilitation	Austin Canal /	2,295	N/A
		Small R	eservoirs			
S-007	II	Moslander Reservoir	Rehabilitation	Cold Spring Creek	310	+75 - 100
S-008	II	Cottonwood Reservoir	Rehabilitation	Cottonwood Creek	92	+350
S-010	II	Horse Creek Reservoir	New Construction	Horse Creek	N/A	200
S-011	H H	West Fork Smiths Fork	New Construction	West Fork Smiths Fork	N/A	200

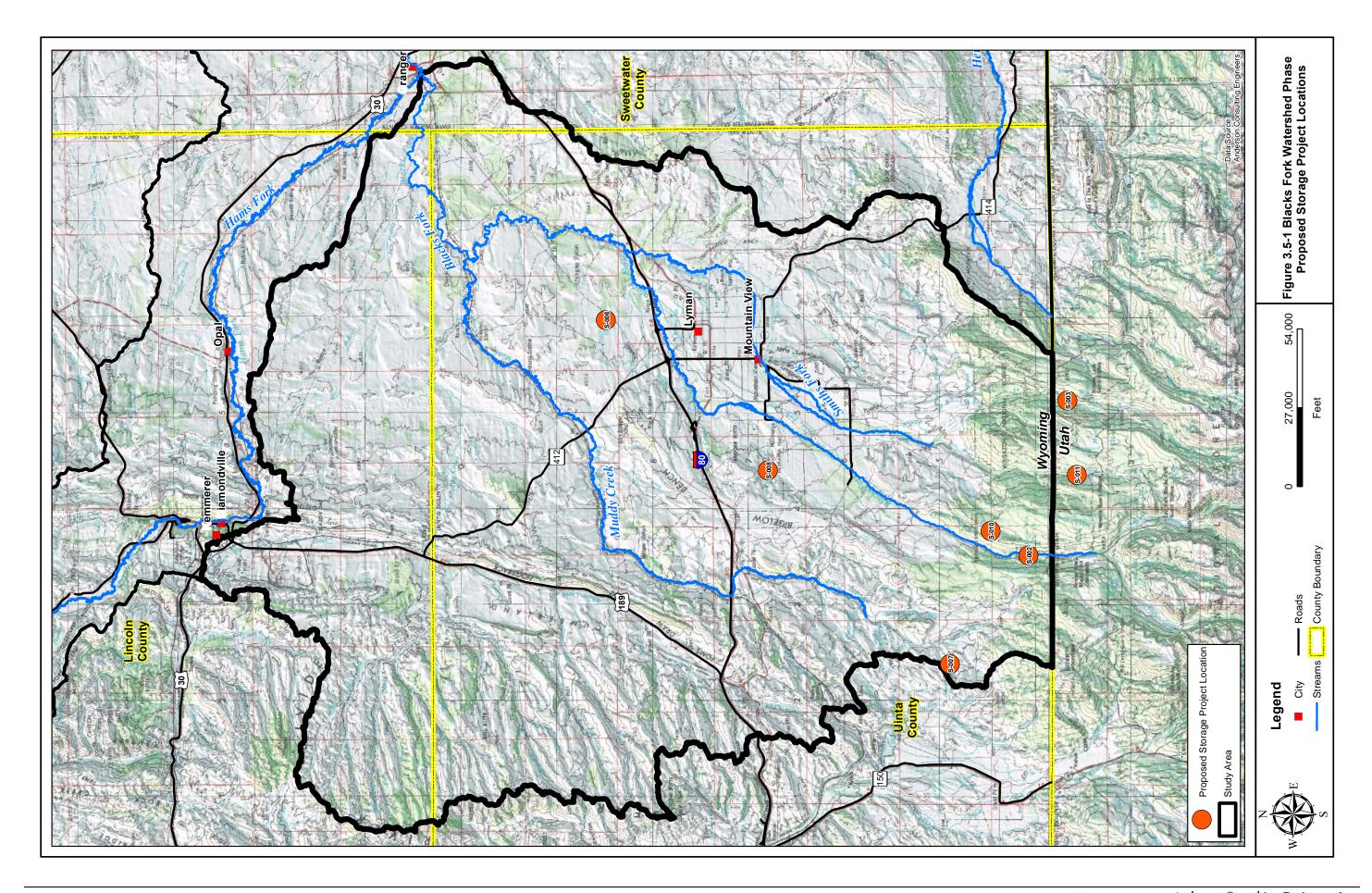
3.5.1 S-002 Meeks Cabin Reservoir Enlargement

Meeks Cabin Reservoir represents one component of the United States Bureau of Reclamation Lyman Project. The Lyman Project lands lie entirely within the project study area and regulates flows of the Blacks Fork and East Fork of Smiths Fork for irrigation, municipal and industrial use, fish and wildlife conservation, and recreation. Meeks Cabin Dam is one of two reservoirs within the project; the other being Stateline Reservoir. Meeks Cabin Dam is situated on the Blacks Fork River about 2 miles north of the Wyoming State land (Figure 3.5-2). Water impounded from the dam extends south into Utah. The operation and maintenance of the Project is administered by the Bridger Valley Water Conservatory District (BVCD), established May 14, 1959.

According to the United States Bureau of Reclamation:

"Meeks Cabin Dam, located in Uinta County, about 2 miles north of the Utah-Wyoming state line and 22 miles southwest of Fort Bridger, is a rolled earth and rockfill structure with a height of 184.5 feet above streambed and a crest 3,162 feet long and 30 feet wide. The embankment contains 3,587,000 cubic yards of material. The spillway, with a discharge capacity of 6,250 cubic feet per second, has an uncontrolled concrete overflow crest at elevation 8686.4 feet with a 30 foot wide by 15 foot high rectangular conduit through the dam along the left abutment and a stilling basin at river level. The outlet works is located under the dam along the right abutment and has a maximum discharge capacity of 1,070 cubic feet per second at the maximum water surface elevation of 8699.5 feet. Meeks Cabin Reservoir has a total capacity of 32,470 acre-feet, of 473 acres." (USBR http://www.usbr.gov/projects/ covering area at Project.jsp?proj Name=Lyman%20Project)

Numerous comments were received from area landowners and producers throughout the duration of this Level I investigation through public meetings, workshops, and correspondence. In addition, the BVCD has expressed interest in feasibility and costs of enlarging the reservoir by raising the embankment 5 to 10 feet. Such an enlargement could potentially provide an additional 3,000 to 5,000 acre feet of storage. Based upon conversations with representatives of the BVCD, it is our



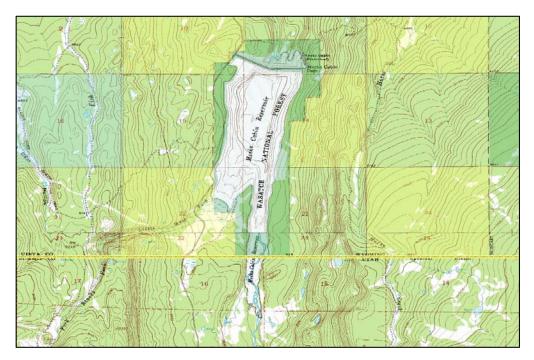


Figure 3.5-2 Meeks Cabin Reservoir Overview Map.

understanding that raising the embankment is feasible and that the BOR is of the opinion that a lift of as much as twelve feet could be completed. One of the issues faced during an enlargement project would be the design and construction of an emergency spillway. Presently, there is no emergency spillway structure; the structure incorporates a free-flowing overflow crest. According to the BVCD, modifications would be required to facilitate control of flood waters. An early warning system is currently a component of the BVCD's evacuation plan.

3.5.2 S-003 Stateline Reservoir Enlargement

Previous investigations have identified Stateline Reservoir as a potential candidate for enlargement in an effort to mitigate water shortages downstream (ECI, 2004). According to the ECI report, the 48 square mile basin contributing to the reservoir would yield an additional 1,000 to 1,500 acre-feet per year above the average 10,000 to 12,000 acre feet that is stored yearly. Releases from the reservoir would then be available for users downstream on Smiths Fork Creek. Figure 3.5-3 provides an overview of the reservoir location in the State of Utah.

The ECI investigation determined the dam would need to be raised approximately 5-feet to provide the additional storage necessary to store the 1,500 acre-feet available to store. The enlargement would inundate an additional 300 acres. The modified dam crest would be 2,900 feet long, 30 feet wide and reach an elevation of 9,1280 feet msl.

3.33

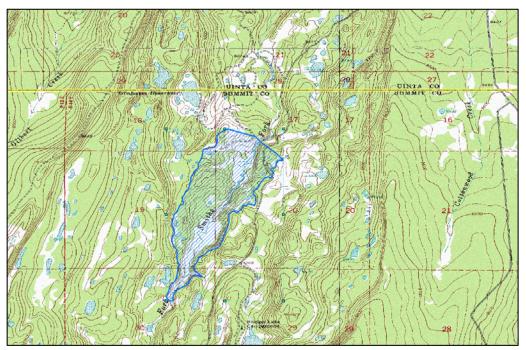


Figure 3.5-3 Stateline Reservoir Overview Map.

3.5.3 S-006 Austin Reservoir (Isom Reservoir) Rehabilitation

Austin Reservoir (Isom Reservoir) is an uncompleted reservoir located approximately 6 miles north of Lyman on Austin Wash. The construction of the reservoir initially began in the mid-1970's, however, according to records available through the WSEO, it was not completed due to financial constraints of the landowner. Following a series of extensions granted by the WSEO, the permit was ultimately cancelled in 2007. Cancellation of the permit in 2007 does not preclude its ultimate completion. Once financial resources are available, the landowner/applicant would need to submit a new application along with the appropriate plans and specifications for review. (Note that WSEO records refer to the reservoir as Isom Reservoir while the USGS quadrangles label it Austin Reservoir as indicated in Figure 3.5-4).

The original permit application (P7787R) states that the reservoir would have an active capacity of 2217.5 acre-feet (irrigation) and an inactive capacity of 77.5 acre-feet (recreation). The most recent dam inspection report completed in 2004, states that the embankment is "in a state of total disrepair". At this time, the reservoir is included in the Blacks Fork Watershed Management Plan as a potential project by virtue of the fact that if reconstructed, it could provide a valuable source of valuable water for irrigation, livestock and wildlife, and provide valuable habitat for waterfowl.

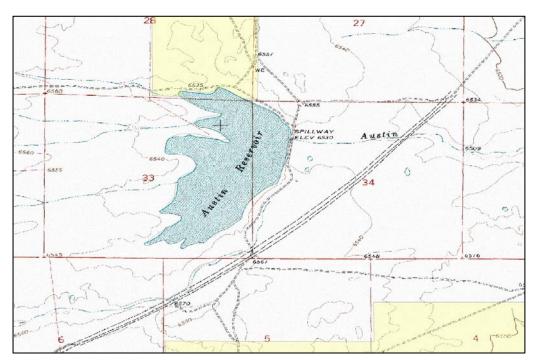


Figure 3.5-4 Austin Reservoir Overview Map.

3.5.4 S-007 Moslander Reservoir Enlargement

Moslander Reservoir is an irrigation and stockwater storage reservoir located in Section 22, Township 13 North, Range 118 West (Permit). This reservoir is located on Cold Springs Creek, a tributary to West Muddy Creek which is tributary to Muddy Creek. The reservoir has a permitted storage capacity of 310.07 acre feet (WSEO Permit P5511.0R). The reservoir currently appears to be in good condition and provides a valuable source of late season irrigation water as well as a year round source of water for livestock and wildlife. Figure 3.5-5 displays a photo of the site.

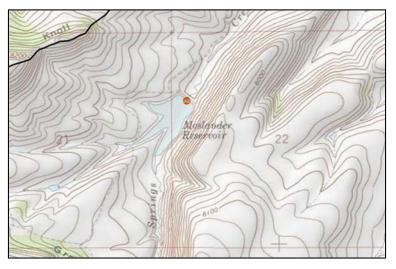


Figure 3.5-5 Moslander Reservoir Overview Map.

Under this alternative, the reservoir would be enlarged by raising the embankment approximately 5 feet which would effectively add approximately 130 to 150 acre feet of storage capacity to the site.

Enlargement of the reservoir would require engineering and design efforts beyond the scope of this Level I investigation. However, based upon a preliminary review of the facility, the following design components and observations are noted:

- The reservoir embankment would be of such a height (> 20 ft) that adherence to Wyoming Dam Safety Requirements would be necessary
- The proposed lift would require approximately 25,000 to 30,000 cubic yards of suitable material.
- Materials for the embankment lift are potentially available from the hillside east of the reservoir.
- An enlarged and emergency spillway would likely be required
- The existing primary outlet would likely need to be replaced.
- Additional rock riprap would be required on the upstream face

3.5.5 S-008 Cottonwood Reservoir Enlargement / Rehabilitation

This project would involve the improvement/rehabilitation of an existing reservoir. Cottonwood Reservoir (WSEO Permit No. P360R) has a storage capacity of approximately 92 acre-feet according to records of the WSEO. The reservoir is located in Section 22, Township 15 North, Range 116 West (Figure 3.5-6).

In 2013, the site was evaluated by representatives of the USFWS in conjunction with the landowner's application for funding through the WLCI program. Field observations made during the completion of the current study were consistent with these conclusions and recommendations. However, during the current Level I study, survey measurements were not completed. The following description of the reservoir was extracted from their report.

"Cottonwood Reservoir is an irrigation supply reservoir constructed in 1902. Currently the reservoir typically goes dry in mid to late summer. In the high snow year of 2011, the reservoir dam overtopped in at least one location in the spring. The landowner was able to prevent the dam from breaching at the time of crisis with some backhoe work. Sometime since the construction of the reservoir in 1902, the original wide, flat emergency spillway has been abandoned and a 5-10' wide ditch-like spillway was cut on the other side of the reservoir. This narrow spillway can drift in with snow and also erodes down every year. In addition, the only principal spillway is 10" diameter PVC pipe. This principal spillway also serves as the irrigation supply pipe. As a result the "emergency spillway" is not just for emergencies. It typically flows every year, but doesn't have the capacity to handle the true flood events. Lastly, the freeboard on the dam has been reduced over the last 100+ years such that the low spots on the dam are only 1.8' above the existing excavated "spillway" and about 1.2' below the original emergency spillway from the 1902 construction."

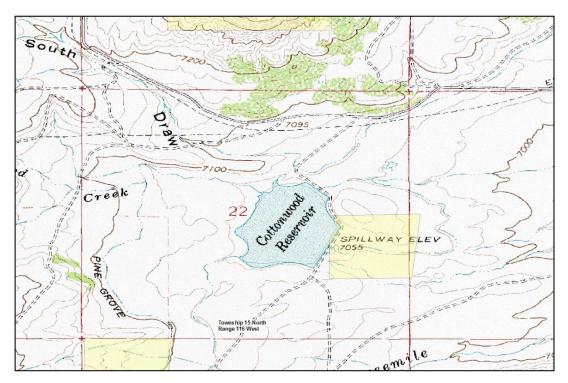


Figure 3.5-6 Cottonwood Reservoir Overview Map.

Rehabilitation of Cottonwood Reservoir would include the following efforts:

- 1. The dam embankment would be raised approximately 4 feet to protect it from overtopping and to restore storage capacity of the reservoir. Based upon preliminary estimates, approximately 25,000 to 30,000 cubic yards of fill would be required to complete the lift. Raising the embankment would provide 3 ft of freeboard above the emergency spillway elevation.
- 2. The "excavated spillway" located at the south end of the embankment would be equipped with a controlled outlet to facilitate control of reservoir releases and maintenance of desired water surface elevation for habitat enhancement. Currently, the spillway consists of an open uncontrolled cut in the embankment at an elevation lower than the emergency spillway. During winter months, the ditch fed by the spillway, fills with snow creating flooding issues. Installation of a controllable outlet (ex. AgriDrain) would enable the owner to control releases and would cause the emergency spillway to fulfill its designed purpose.
- 3. Grading in the vicinity of the emergency spillway would be completed in order to restore the functionality of the spillway.
- 4. The principal outlet consists of a 10-inch PVC pipe with a slide gate. This structure would be replaced with a controllable outlet (ex. AgriDrain).

Completion of this project would require permitting through the Wyoming State Engineers Office. Because the height of the dam would exceed 20 feet, compliance with State Dam Safety requirements would be necessary.

WLCI funds have been granted to the landowner to apply towards completion of this project. According the USFWS memo, a minimum pool for wildlife of at least 20% of the capacity of the reservoir will be retained (surface area would be approximately 23 acres). Larger minimum pool areas are acceptable to the landowner. Design of the replacement reservoir outlet would leave a dead pool commensurate with this amount. The reservoir reportedly is important habitat for migratory waterfowl, summer waterfowl, and shorebird nesting.

Phased construction of this project is recommended. The higher priority items associated with this project include the replacement outlet and the headgate control for the southern spillway. Construction of these components will restore functionality of the reservoir and allow the owner to manage releases as well as protecting the integrity of the embankment. Design and construction of the infrastructure could accommodate the potential future water surface elevations associated with raising the embankment. This effort would constitute Phase I of the project. Raising the embankment would be accomplished under Phase II at a future date.

Construction of this project would entail deeded property and federally owned lands managed by the Bureau of Land Management.

3.5.6 S-010 Horse Creek Reservoir Construction

Horse Creek Reservoir is a proposed reservoir located on Horse Creek in Section 1, Township 12 North, Range 117 West (Figure 3.5-7). The project was proposed by landowners as a source of late season irrigation water. The proposed reservoir would be designed to store approximately 200 acre-feet of water or less. The contributing watershed area at this location is approximately 7 square miles.

3.5.7 S-011 West Fork Smiths Fork Reservoir Construction

West Fork Smiths Fork Reservoir is a proposed reservoir located in Section 28, Township 3 North, Range 13 East (Figure 3.5-8). The site is located in the State of Utah. The project was proposed by landowners as a source of late season irrigation water for lands in the State of Wyoming. The proposed reservoir would be designed to store approximately 200 acre-feet of water or less. The contributing watershed area at this location is approximately 20 square miles.

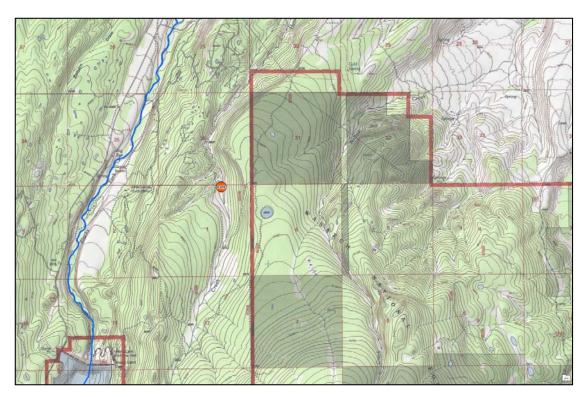


Figure 3.5-7 Proposed Horse Creek Reservoir Overview Map.

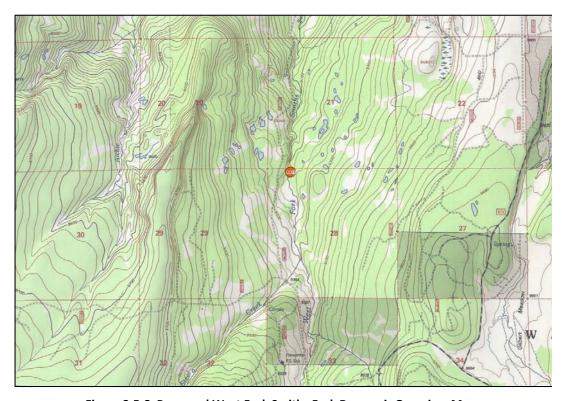


Figure 3.5-8 Proposed West Fork Smiths Fork Reservoir Overview Map.

IV. COST ESTIMATES

4.1 Phase II Conceptual Cost Estimates

Conceptual-level costs have been developed for each of the alternative potential projects identified and described in Chapter 3. The bases for these costs are described in the following subsections for each of the overall project categories. Cost estimates presented represent 2015 dollars.

Discussion of methods and sources used to generate these costs are presented in Chapter 7 of the Basinwide volume of this report.

The following tables reiterate the conceptual cost estimates presented in the Basinwide volume for convenience herein:

Table 4.1-1: Irrigation System Components

Table 4.1-2: Livestock/Wildlife (L/W) Components

Table 4.1-3: Livestock/Wildlife (L/W) Components (UDC)

Table 4.1-4: Storage Opportunities

Table 4.1-1 Conceptual Cost Estimates: Phase II Irrigation System Components.

ns and Additional Legal Fees / Total Project Access and Cost Rights of Way	00 \$0 \$0 \$21,475	00 \$ 0\$ 00	00 \$ 0\$ 00 00 00 00 00 00 00 00 00 00 00	00 \$0 \$0 00	00 \$0 \$500 \$81,430	00 \$0 \$500 \$20,710	00 \$0 \$0 \$53,100	00 \$0 \$1,000 \$142,650	30 \$0 \$1,000 \$49,040
Final Plans and Specs	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Total Construction Cost	\$18,975	\$5,060	\$5,060	\$5,060	\$78,430	\$17,710	\$50,600	\$139,150	\$45,540
Contingency (15%)	\$2,475	099\$	099\$	099\$	\$10,230	\$2,310	\$6,600	\$18,150	\$5,940
Constuction and Engineering Subtotal	\$16,500	\$4,400	\$4,400	\$4,400	\$68,200	\$15,400	\$44,000	\$121,000	009'6E\$
Engineering (10%)	\$1,500	\$400	\$400	\$400	\$6,200	\$1,400	\$4,000	\$11,000	\$3,600
Construction Subtotal	\$15,000	\$4,000	\$4,000	\$4,000	\$62,000	\$14,000	\$40,000	\$110,000	\$36,000
Proect Name	Eyre 001	Eyre 002	Eyre 003	Eyre 004	Kofford 003	Kofford 004	Mecham 001	Mecham 002	Micheli 001
Study Area Phase	Phase II	Phase II	Phase II	Phase II	Phase II	Phase II	Phase II	Phase II	Phase II
Watershed Plan Study Area Component Phase	1-005	900-1	1-007	1-008	600-1	1-010	1-011	1-012	1-013

Table 4.1-2 Conceptual Cost Estimates: Phase II Livestock / Wildlife (L/W) Components.

	Project Phase	Phase II	Phase II	Phase II	Phase II	Phase II	Phase II	Phase II	Phase II	Phase II	Phase II	Phase II
		L/W-019	L/W-020	L/W-021	L/W-022	L/W-023	Watershed Component L/W-024	L/W-025	L/W-026	L/W-027	Watershed Component L/W-028	Watershed Component L/W-029
	Project Number:	CR 001	CR 002	CR 003	CR 004	CR 005	CR 006	CR 007	CR 008	CR 009	CR 010	CR 011
	Description:	Spring Development / Pipeline / Stock Tank Construction	Spring Development / Pipeline / Stock Tank Construction	Spring Development / Pipeline / Stock Tank Construction	Well Rehabilitation / Pipeline / Stock Tank Construction	Stock Pond Rehabilitation	Stock Pond Rehabilitation	Spring Development / Pipeline / Stock Tank Construction	Guzzler Construction	Spring Development / Pipeline / Stock Tank Construction	Well Rehabilitation / Pipeline / Stock Tank Construction	Well / Pipeline / Stock Tank Construction
	Project Name:	Meadow Draw #6	Section 19 Seep/Spring on Anadarko	Bridger Well No. 13 on Anadarko	Section 6 Well on BLM	Cumberland No. 9 on Anadarko	Cumberland No.31 Pond	Cumberland No. 22 Well on Anadarko	Bridger Pond No. 3 on Anadarko	Section 30 Spring on BLM	Albert Creek Well #1 on State Lands	Bridger No. 10 Pond on Anadarko/BLM
	Water Source:	Existing Spring	Existing Spring	Existing Spring	Existing Well	Rehabilitate Reservoir	Rehabilitate Reservoir	Existing Spring	Proposed Guzzler	Existing Spring	Existing Well	Proposed Well
	Mobilization	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$0	\$3,000	\$3,000	\$3,000
	Source:	Existing Spring	Existing Spring	Existing Spring				Existing Spring		Existing Spring		Proposed Well
	Units (each)	1	1	1				1		1		1
Well	Depth Each Unit Cost (\$/LF wells or \$/EA springs	NA \$3,600	NA \$3,600	NA \$3,600	NA	NA	NA	NA \$3,600	NA	NA \$3,600	NA	200 \$100
Construction / Spring	Well Screen (LF each well)	\$5,600 NA	\$3,600 NA	\$3,600 NA	INA	INA	INA	\$3,600 NA	INA	\$5,600 NA	INA.	NA
Development	Well Screen (\$/LF)	NA	NA	NA				NA		NA		NA
	Component Subtotal	\$3,600	\$3,600	\$3,600				\$3,600		\$3,600		\$20,000
	Units (each)					1	1		1			
Stock Pond /	Earthwork (Stock Pond)	_				\$10,000	\$10,000		\$10,000	_		
Guzzler	Agri-Drain Installation (Stock Pond) Rock Stabilization (Stock Pond)	NA	NA	NA	NA	NA \$4,000	NA \$4,000	NA	NA NA	NA	NA	NA
Construction /	Bentonite Lining (Stock Pond)	1 ''''				NA	NA		NA NA	1		
Rehabilitation	Guzzler Installation (Materials and Labor)					NA	NA		\$5,000			
	Pond/ Guzzler Component Subtotal					\$14,000	\$14,000		\$15,000			
	Units (EA)				1						1	1
Pump	Type Unit Cost (EA)	NA	NA	NA	Solar Pump \$8,500	NA	NA	NA	NA	NA	Generator and Fuel Storage \$1,000	Solar Pump \$8,500
	Component Subtotal	-			\$8,500						\$1,000	\$8,500
		1 5	1.5	1.5				1.5		1.5		. ,
	Low Pressure 1 1/2 in Pipe Diameter:	1.5	1.5	1.5	1.5			1.5		1.5	1.5	1.5
	Units (LF)	5,890	200	400	5,280	NA	NA	400	NA	200	11,880	1,320
	Unit Cost (EA)	\$3.34	\$3.34	\$3.34	\$3.34			\$3.34		\$3.34	\$3.34	\$3.34
Pipeline	Component Subtotal	\$19,673	\$668	\$1,336	\$17,635			\$1,336		\$668	\$39,679	\$4,409
·	Other Pipe											
	Units (LF)											
	Unit Cost (EA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Component Subtotal											
	Units (EA)	1			1						1	1
Additional	Size (gal)	5000	NA	NA	5000	NA	NA	NA	NA	NA	5000	5000
Storage Tanks	Unit Cost (\$/gal)	\$1	NA .	NA .	\$1	. INA	IVA	NA NA	INA	INA	\$1	\$1
	Component Subtotal	\$5,000	1	1	\$5,000			1		1	\$5,000	\$5,000
Livestock /	Units (EA) Size (gal)	1,200	1,200	1,200	2 1,200			1,200		1,200	2 1,200	1,200
Wildlife Water	Unit Cost	\$3,000	\$3,000	\$3,000	\$3,000	NA	NA	\$3,000	NA	\$3,000	\$3,000	\$3,000
Tanks	Component	\$6,000	\$3,000	\$3,000	\$6,000			\$3,000		\$3,000	\$6,000	\$3,000
	Item	Fencing	Fencing	Fencing	Fencing			Fencing		Fencing		
Miscellaneous	Units (Each) Unit Cost (\$/ea)	500 \$5.00	850 \$5.00	850 \$5.00	850 \$5.00	NA	NA	\$5.00	NA	\$50 \$5.00	NA	NA
	Component Subtotal	\$2,500.00	\$4,250.00	\$4,250.00	\$4,250.00			\$4,250.00		\$4,250.00		
Construction Sub		\$39,773	\$14,518	\$15,186	\$44,385	\$17,000	\$17,000	\$15,186	\$15,000	\$14,518	\$54,679	\$43,909
Engineering (10%)		\$3,977	\$1,452	\$1,519	\$4,439	\$1,700	\$1,700	\$1,519	\$1,500	\$1,452	\$5,468	\$4,391
	Ingineering Subtotal	\$43,750	\$15,970	\$16,705	\$48,824	\$18,700	\$18,700	\$16,705	\$16,500	\$15,970	\$60,147	\$48,300
Contingency (15%		\$6,562	\$2,395	\$2,506	\$7,324	\$2,805	\$2,805	\$2,506	\$2,475	\$2,395	\$9,022	\$7,245
Total Constructio		\$50,312 \$1,500	\$18,365 \$1,500	\$19,210 \$1,500	\$56,147 \$1,500	\$21,505 \$1,500	\$21,505 \$1,500	\$19,210 \$1,500	\$18,975 \$1,500	\$18,365 \$1,500	\$69,169 \$1,500	\$55,545 \$1,500
Final Plans and Sp Additional	ELS	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
	Fees / Access and Rights of Way	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Total Project Cos		\$52,812	\$20,865	\$21,710	\$58,647	\$24,005	\$24,005	\$21,710	\$21,475	\$20,865	\$71,669	\$58,045

Table 4.1-2 Conceptual Cost Estimates: Phase II Livestock / Wildlife (L/W) Components (continued).

Project Phase Phase II Phase	e II Phase II	Phase II	Phase II	
			Watershed Component	Watershed Component
L/ W-030	L/W-036 L/W-0		L/W-039	L/W-040
Project Number: CR 012 CR 013 CR 014 CR 015 CR 016 CR 017	CR 018 Hamilton	on 001 Hamilton 002	Kofford 001	Kofford 002
Stock Pond	Well Rehabilitation / Pipeline / Stock Tank Construction Pipeline / Struction	· · · · · ·	Spring Development / Pipeline / Stock Tank Construction	Spring Development / Pipeline / Stock Tank Construction
Project Name: Fikol No. 3 Pond Spring / Pineline on Spring / Pineline on Section 4 Pond on RIM Rridger No. 7 Pond on	ection 19 Well/Pipeline West Fork of S on Anadarko/BLM Pipeline P		Wildflower Spring Development Project 1	Clifford Spring Development
Water Source: Rehabilitate Reservoir Existing Well Existing Spring Existing Spring Rehabilitate Reservoir Existing Spring	Existing Well Existing I	Ditch Existing Spring	Existing Spring	Existing Spring
Mobilization \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000	\$3,000 \$3,00	00 \$3,000	\$3,000	\$3,000
Source: Existing Spring Existing Spring Existing Spring	Proposed Well	Existing Spring	Existing Spring	Existing Spring
Units (each) 1 1 1	1	1	1	1
Well Depth Each NA NA NA	200	NA	NA	NA
Construction / Unit Cost (\$/LF wells or \$/EA springs NA NA \$3,600 NA \$3,600	\$40 NA	ψομου	\$3,600	\$3,600
Spring Well Screen (LF each well) NA NA NA Development Well Screen (\$/LF) NA NA NA	NA NA	NA NA	NA NA	NA NA
Value Valu	\$8,000	\$3,600	\$3,600	\$3,600
Units (each) 1 1	70,000	\$3,000	\$3,000	\$3,000
Earthwork (Stock Pond) \$10,000				
Stock Pond / Apri Prain Installation (Stock Pond) NA				
Guzzler Construction / Rock Stabilization (Stock Pond) \$4,000 NA NA NA NA NA NA	NA NA	A NA	NA	NA
Rehabilitation Rehabilitation Bentonite Lining (Stock Pond) NA NA				
Guzzler Installation (Materials and Labor) NA NA				
Pond/ Guzzler Component Subtotal \$14,000 \$10,000				
Units (EA)	1			
Pump Type NA Solar Pump NA NA NA NA NA NA	Solar Pump NA	A NA	NA	NA
Unit Cost (EA) \$8,500 Component Subtotal \$8,500	\$8,500			
Component subtotal \$8,500	\$8,500			
Low Pressure 1 1/2 in Pipe Diameter: 1.5 1.5 1.5 1.5	1.5	5 1.5	1.5	1.5
Units (LE) 200 13.200 5.280 200	10,560 20,00	00 570	200	200
Unit Cost (EA) NA \$3.34 \$3.34 \$3.34	\$3.34 \$3.34		\$3.34	\$3.34
Pipeline Component Subtotal \$668 \$44,088 \$17,635 \$668	\$35,270 \$66,80	\$1,904	\$668	\$668
Other Pipe Units (LF) Unit Cost (EA) NA	NA NA	A NA	NA	NA
Units (EA)	1			
Additional Size (rg))	5000			
Storage Tanks Unit Cost (\$/gal)	\$1 NA	A NA	NA	NA
Component Subtotal \$5,000	\$5,000			
1 3 3 1	2 1	1	1	1
Livestock / Wildlife Water 1,200 1	1,200 1,200		1,200	1,200
Tanks Unit Cost \$3,000 \$3,000 \$3,000	\$3,000 \$3,00		\$3,000	\$3,000
Component \$3,000 \$9,000 \$3,000 \$3,000	\$6,000 \$3,00	00 \$3,000	\$3,000	\$3,000
Item Fencing Fencing OFO			Fencing	Fencing
	NA NA	NA NA	\$50 \$5.00	\$5.00
Miscellaneous Units (Each) NA NA NA NA NA NA NA NA NA SS 00			\$4,250.00	\$4,250.00
Unit Cost (\$/ea) NA NA \$5.00 NA \$5.00				γ-1,230.00
Unit Cost (\$/ea)	\$65,770 \$72.80	800 \$11 504		\$14.518
Unit Cost (\$/ea)	\$65,770 \$72,80 \$6.577 \$7.28		\$14,518	\$14,518 \$1.452
Unit Cost (\$/ea)	\$6,577 \$7,28	80 \$1,150	\$14,518 \$1,452	\$1,452
Unit Cost (\$/ea)		80 \$1,150 080 \$12,654	\$14,518	
Unit Cost (\$/ea)	\$6,577 \$7,28 \$72,347 \$80,08	80 \$1,150 080 \$12,654 012 \$1,898	\$14,518 \$1,452 \$15,970	\$1,452 \$15,970
Unit Cost (\$/ea)	\$6,577 \$7,28 \$72,347 \$80,08 \$10,852 \$12,03	80 \$1,150 080 \$12,654 012 \$1,898 092 \$14,552	\$14,518 \$1,452 \$15,970 \$2,395	\$1,452 \$15,970 \$2,395
Unit Cost (\$/ea)	\$6,577 \$7,28 \$72,347 \$80,08 \$10,852 \$12,03 \$83,200 \$92,09	80 \$1,150 080 \$12,654 012 \$1,898 092 \$14,552 00 \$1,000	\$14,518 \$1,452 \$15,970 \$2,395 \$18,365	\$1,452 \$15,970 \$2,395 \$18,365
Unit Cost (\$/ea)	\$6,577 \$7,28 \$72,347 \$80,08 \$10,852 \$12,03 \$83,200 \$92,09 \$1,500 \$1,00	80 \$1,150 080 \$12,654 012 \$1,898 092 \$14,552 00 \$1,000 0 \$0 00 \$1,500	\$14,518 \$1,452 \$15,970 \$2,395 \$18,365 \$1,000	\$1,452 \$15,970 \$2,395 \$18,365 \$1,000

Table 4.1-3 Conceptual Cost Estimates: Phase II Livestock / Wildlife (L/W) Components (UDC).

Project ID	Project Name	UDC Inventory Waypoint	Estimated Project Cost	Construction Subtotal	Engineering (10%)	Constuction and Engineering Subtotal	Contingency (15%)	Total Construction Cost	Final Plans and Specs	Additional	Permitting / Legal Fees / Access and Rights of Way	Total Project Cost
Watershed Component L/W-054 (UDC-012)	Stock Reservoir	25	\$26,000	\$26,000	\$2,600	\$28,600	\$4,290	\$32,890	\$1,000	\$0	\$500	\$34,390
Watershed Component L/W-055 (UDC-013)	Stock Reservoir	27	\$26,000	\$26,000	\$2,600	\$28,600	\$4,290	\$32,890	\$1,000	\$0	\$500	\$34,390
Watershed Component L/W-056 (UDC-014)	Stock Reservoir	28	\$26,000	\$26,000	\$2,600	\$28,600	\$4,290	\$32,890	\$2,000	\$0	\$500	\$35,390
Watershed Component L/W-057 (UDC-015)	Stock Reservoir	29	\$15,000	\$15,000	\$1,500	\$16,500	\$2,475	\$18,975	\$1,000	\$0	\$500	\$20,475
Watershed Component L/W-058 (UDC-016)	Flowing Well	31	\$9,750	\$9,750	\$975	\$10,725	\$1,609	\$12,334	\$500	\$0	\$500	\$13,334
Watershed Component L/W-059 (UDC-017)	Flowing Well	32	\$9,750	\$9,750	\$975	\$10,725	\$1,609	\$12,334	\$500	\$0	\$500	\$13,334
Watershed Component L/W-060 (UDC-018)	Spring Development	34	\$14,850	\$14,850	\$1,485	\$16,335	\$2,450	\$18,785	\$500	\$0	\$1,000	\$20,285
Watershed Component L/W-062 (UDC-020)	Stock Reservoir	37	\$26,000	\$26,000	\$2,600	\$28,600	\$4,290	\$32,890	\$2,000	\$0	\$500	\$35,390
Watershed Component L/W-065 (UDC-023)	Stock Reservoir	40	\$26,000	\$26,000	\$2,600	\$28,600	\$4,290	\$32,890	\$2,000	\$0	\$500	\$35,390
Watershed Component L/W-066 (UDC-024)	Stock Reservoir	41	\$26,000	\$26,000	\$2,600	\$28,600	\$4,290	\$32,890	\$1,500	\$0	\$500	\$34,890
Watershed Component L/W-068 (UDC-026)	Stock Reservoir	46	\$5,000	\$5,000	\$500	\$5,500	\$825	\$6,325	\$1,500	\$0	\$500	\$8,325
Watershed Component L/W-069 (UDC-027)	Wildcat #4 Spring	48	\$14,850	\$14,850	\$1,485	\$16,335	\$2,450	\$18,785	\$1,500	\$0	\$500	\$20,785
Watershed Component L/W-070 (UDC-028)	Flowing Well	49	\$26,000	\$26,000	\$2,600	\$28,600	\$4,290	\$32,890	\$1,500	\$0	\$500	\$34,890
Watershed Component L/W-071 (UDC-029)	Water Well	50	\$14,000	\$14,000	\$1,400	\$15,400	\$2,310	\$17,710	\$1,500	\$0	\$500	\$19,710
Watershed Component L/W-072 (UDC-030)	Stock Reservoir	51	\$26,000	\$26,000	\$2,600	\$28,600	\$4,290	\$32,890	\$1,500	\$0	\$500	\$34,890
Watershed Component L/W-073 (UDC-031)	Stock Reservoir	52	\$15,000	\$15,000	\$1,500	\$16,500	\$2,475	\$18,975	\$1,500	\$0	\$500	\$20,975
Watershed Component L/W-074 (UDC-032)	Mud Springs	54	\$14,850	\$14,850	\$1,485	\$16,335	\$2,450	\$18,785	\$1,500	\$0	\$500	\$20,785
Watershed Component L/W-075 (UDC-033)	Stock Reservoir	56	\$26,000	\$26,000	\$2,600	\$28,600	\$4,290	\$32,890	\$1,500	\$0	\$500	\$34,890
Watershed Component L/W-099 (UDC-057)	Stock Reservoir	96	\$26,000	\$26,000	\$2,600	\$28,600	\$4,290	\$32,890	\$1,500	\$0	\$500	\$34,890
Watershed Component L/W-110 (UDC-068)	Spring	240	\$14,850	\$14,850	\$1,485	\$16,335	\$2,450	\$18,785	\$1,500	\$0	\$500	\$20,785
Watershed Component L/W-111 (UDC-069)	Spring	241	\$14,850	\$14,850	\$1,485	\$16,335	\$2,450	\$18,785	\$1,500	\$0	\$500	\$20,785
Watershed Component L/W-112 (UDC-070)	Spring	248	\$14,850	\$14,850	\$1,485	\$16,335	\$2,450	\$18,785	\$1,500	\$0	\$500	\$20,785

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4.5 Anderson Consulting Engineers, Inc.

Table 4.1-4 Conceptual Cost Estimates: Storage Opportunities.

Watershed Plan Component	Priority	Study Area Phase	Project name	Action	Conceptual Project Cost
			Large Reservoirs		
S-002	S-002 1		Meeks Cabin	Enlargement	\$5-10M
S-003	2	II	Stateline	Enlargement	\$5-10M
			Small Reservoirs		
S-(006	II	Austin Reservoir	Rehabilitation	\$500,000
S-(007	II	Moslander Reservoir	Rehabilitation	\$425,000
S-(800	II	Cottonwood Reservoir	Rehabilitation	\$325,000
S-(010	II	Horse Creek Reservoir	New Construction	\$200,000
S-0	011	II	West Fork Smiths Fork	New Construction	\$200,000

APPENDIX 2A ALLOTMENT LISTING

BLM Grazing Allotments

ield Office Name	Allotment Number	Allotment Name	Public AUMs	Private AUMs	State AUMs	Acres	ACE
Kemmerer	11533	21 GROVE	50			3524.49	1
Kemmerer	11202	ALBERT CREEK	2252	2000	100	37829.77	3
Kemmerer	11540	ALTAMONT	408			9031.17	4
Kemmerer	1461	ANGELO	233	364		2733.54	5
Kemmerer	21514	ASPEN	152			3086.47	-
Kemmerer	11311	AUSTIN PLACE	30	106		4105.85	
Kemmerer	11312	AUSTIN TRIANGLE	706	328	10	47029.25	1
Kemmerer	11529	BALSAM DRAW	43			1949.12	1
Kemmerer	1418	BENCH	1150	15		5538.42	1
Kemmerer	11318	BIGELOW BENCH	571	405	36	16459.23	1
Kemmerer	21511	BIGELOW DITCH	80			4570.76	1
Kemmerer	11525	BLAKE HOLLOW	280	598		5715.07	1
Kemmerer	1434	BOND	42			822.39	
Kemmerer	11317	BRIDGER AIRPORT	2477	698		36640.34	1
Kemmerer	1440	BRIDGER BUTTE	300	200		3050.67	1
Kemmerer	1433	BUFFALO CORRAL	58	60		773.09	1
Trees and the second se	21505	BYRNE CREEK	284	- 00		9859.90	+ 2
Kemmerer		CARTER LEASE	13184	16699	945	238798.19	1
Kemmerer	11306		6	10055	343	163.87	1
Kemmerer	1455	CHOKECHERRY	40	78		2799.46	1
Kemmerer	11108	CHRISTENSEN				8735.17	1 2
Kemmerer	11319	COAL MINE DRAW	225	219		1246.35	1 2
Kemmerer	11414	COTTONWOOD	68	120			-
Kemmerer	1419	COYOTE HOLLOW	15			1120.38	1
Kemmerer	11304	COYOTE SPRINGS	168	154	27	8186.07	1.3
Kemmerer	1442	CROOKED CANYON	344			4159.26	3
Kemmerer	1439	CROWFOOT	6			746.03	
Kemmerer	1458	CUMBERLAND FLATS	1561	1872	90	43318.70	3
Kemmerer	1206	CUMBERLAND/UINTA	29447	17882	2799	337658.85	3
Kemmerer	1426	DOMINGO	7			75.74	3
Kemmerer	11417	DRY CREEK BENCH	60	33		675.16	3
Kemmerer	1444	DUTCHY HOLLOW	28			533.54	3
Kemmerer	11522	EAST BRANCH	86			1942.76	4
Kemmerer	1460	ELKOL	304			11885.05	1
Kemmerer	11402	FORT BRIDGER	10	7		3880.55	1
Kemmerer	1448	FOURTY	23			41.44	1
Kemmerer	11412	GOURLEY	45			2844.22	1
Kemmerer	1424	GRAHAM RESERVOIR	56			427.77	1
Kemmerer	11302	GRANGER LEASE	13865	15172	727	470679.64	1
Kemmerer	11528	GUILD RANCH	58			1841.68	1
Kemmerer	1527	HAGUE CREEK	80			1300.72	1
Kemmerer	1451	HALF SEC HORSE CR	31			495.94	
Contractive Street Con-		HANBLIN	44	10		372.19	
Kemmerer	11314		40	10		222.16	1
Kemmerer	1445	HANNA JOHNSON		205		9684.73	+
Kemmerer	21510	HAYSTACK DRAW	474	395		8961.45	+ 5
Rock Sprg	4013	HICKEY MOUNTAIN	678	84			_
Kemmerer	1447	HIGHWAY	96	1027	70	2599.54	1 9
Kemmerer	21507	HINSHAW CREEK	427	1027	79	13346.25	1
Kemmerer	1438	HORSE CREEK	88			2432.10	1
Kemmerer	11324	INDIAN FLAT	578			7922.11	-
Kemmerer	11410	JACKMAN	3			414.08	'
Kemmerer	1420	JOHNSON	8			722.77	1
Kemmerer	11541	KEMMERER JUNCTION	278	453		6159.86	-
Kemmerer	11413	LEAVITT BENCH	402	245		6471.42	-
Kemmerer	1456	LEAVITT CREEK	66	30	_	1271.46	
Kemmerer	11320	LEROY	759	801	20	13036.90	
Kemmerer	11406	LITTLE CREEK	286	785		14067.23	
Kemmerer	1450	LITTLE DRY CREEK	511			6663.02	
Kemmerer	11409	LOWER BENCH	70			668.62	1
Kemmerer	11303	LYMAN CATTLE	2313	1075	45	46896.37	
Kemmerer	21501	MEDICINE BUTTE	928	1117	115	17223.91	1
Kemmerer	11512	MEEKS CABIN	642	2227	110	20820.43	+
1.50		MILBURNE	30	53		414.67	1
Kemmerer	11404	IVIILDURINE	186	467	91	8287.93	1

Field Office Name	Allotment Number	Allotment Name	Public AUMs	Private AUMs	State AUMs	Acres	ACE_ID
Kemmerer	11539	MOSS CREEK	94			3909.20	82
Kemmerer	11534	MOSSLANDER RANCH	370			14222.25	83
Kemmerer	1552	MUDDY CREEK	37	45		971.38	84
Kemmerer	1427	MURRAY DITCH	30			752.47	85
Kemmerer	1423	MURRAY RESERVOIR	190			2529.65	86
Kemmerer	11535	MYERS	452			15902.31	87
Kemmerer	11403	NEBRASKA FLAT	34			4599.39	88
Kemmerer	11313	NIPPLE	30			1144.56	90
Kemmerer	1435	NORTH HORSE CREEK	435			2518.02	91
Kemmerer	11315	OAKS	37			745.84	94
Kemmerer	11408	POVERTY FLAT	443			3569.06	100
Kemmerer	1446	QUARRY CREEK	85			2153.00	102
Kemmerer	11542	RADIO TOWER	229	472		6726.01	104
Kemmerer	21001	REDDEN PASTURE	35			1571.31	105
Kemmerer	11325	ROBERSON CREEK	130	201	41	5728.33	106
Kemmerer	11503	ROCK HOUSE	565	1189		14525.36	108
Kemmerer	1443	ROCKY SPRINGS	77			289.69	110
Kemmerer	1436	SAGE CHICKEN FLAT	57			1311.20	111
Kemmerer	1449	SAGE CREEK	2378			32305.08	112
Rock Sprg	3200	SAGE CREEK MOUNTA	11844	184	220	79618.10	113
Kemmerer	11415	SIDEHILL	10			286.91	115
Kemmerer	1421	SMITH	25			645.78	118
Kemmerer	1422	SMITHS FORK	100			3494.33	119
Kemmerer	1437	SOUTH HORSE CREEK	360			2015.26	120
Kemmerer	11310	SOUTH MONUMENT	10			434.23	121
Kemmerer	11054	SOUTH MOYER	5	81		745.68	122
Kemmerer	11405	SPRING CREEK	87			8005.02	123
Kemmerer	11521	THE BOILERS DRAW	200			2778.80	125
Kemmerer	1429	THUNDERBOLT	50			676.08	126
Kemmerer	1425	TIMBER PLACE	17			327.60	127
Kemmerer	11411	TIPPERARY	4			420.61	128
Kemmerer	21508	TOMS DRAW	311	489		7922.69	130
Kemmerer	11401	TOOMER	2			368.60	131
Kemmerer	1459	TWIN CREEK	4255	270	435	42693.19	133
Kemmerer	1452	UPPER FLAT	136			2274.18	134
Kemmerer	11316	UPPER RANCH	7	60		438.42	135
Kemmerer	11544	VAN TASSEL	395	1378	158	16901.26	136
Kemmerer	1432	WALL	12			242.90	137
Kemmerer	1453	WALL RESERVOIR	45			979.88	138
Kemmerer	11416	WEST LOWER BENCH	24			120.47	139
Kemmerer	1428	WESTFORK	227			2869.36	141
Kemmerer	1430	WILLOW CREEK	1205	51		4173.14	144
Kemmerer	1431	YELLOW HOLLOW CRE	78			2404.72	145
Kemmerer	N/L	ZNOT LEASED	0			668.52	146
Kemmerer	ST-DR	ZSTOCK DRIVEWAY	0			80.34	147
	_	Currently no name	0			23555.90	150

Cache-Uinta National Forest RMUs

ADMIN_ORG	ADMIN_ORG_	MANAGING_C	RMU_ID	RMU_NAME	CATTLE	GOATS	HORSES	MULE	SHEEP	RMU_STATUS	ACE_ID	acres
41904	Evanston-Mountain View Ranger District	41904	503	RED MOUNTAIN	YES	NO	NO	NO	NO	ACTIVE	170	33,829
41904	Evanston-Mountain View Ranger District	41904	502	EAST FORK SMITHS FORK	YES	NO	NO	NO	NO	ACTIVE	169	16,433
41904	Evanston-Mountain View Ranger District	41904	515	GILBERT CREEK	YES	NO	NO	МО	NO	ACTIVE	168	14,003
41904	Evanston-Mountain View Ranger District	41904	516	WALKER	NO	NO	NO	NO	NO	VACANT	167	167
41904	Evanston-Mountain View Ranger District	41904	501	WEST FORK SMITH FORK	YES	NO	NO	NO	NO	ACTIVE	166	37,078
41904	Evanston-Mountain View Ranger District	41904	402	BLACKS FORK CATTLE	YES	NO	NO	NO	NO	ACTIVE	165	6,504
41904	Evanston-Mountain View Ranger District	41904	406	LITTLE WEST FORK	NO	NO	NO	NO	YES	ACTIVE	164	10,574

APPENDIX 2B STOCK RESERVOIR EVALUATION

ACE ID	Name	Source Condition Water Source Notes	Lattitude	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	т	R	S
231	Unknown	ACE Mapscan Dry Potential	41.78	-110.59	Phase II	Upper North Fork Little Muddy Creek	Elkol	Private	21N	116W	28
236	Unknown	ACE Mapscan Dry No BREACHED	41.77	-110.56	Phase II	Upper North Fork Little Muddy Creek	No Allotment	Private	21N	116W	27
237	Unknown	ACE Mapscan Wet Yes	41.77	-110.59	Phase II	Upper North Fork Little Muddy Creek	Elkol	Private	21N	116W	28
240	Unknown	ACE Mapscan Wet Yes	41.77	-110.57	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	21N	116W	27
249	Unknown	ACE Mapscan Wet Yes	41.76	-110.57	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	BLM	21N	116W	34
256 257	Unknown Unknown	ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes	41.74 41.74	-110.39 -110.60	Phase II Phase II	Dry Muddy Creek-Little Round Mountain Spring Upper North Fork Little Muddy Creek	Coyote Springs Elkol	Private Private	20N 20N	115W 117W	2
258	Unknown	ACE Mapscan Dry No BREACHED	41.74	-110.60	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	117W	1
259	Unknown	ACE Mapscan Dry Potential	41.74	-110.37	Phase II	Dry Muddy Creek-Roberson Creek	Roberson Creek	BLM	20N	115W	2
260	Unknown	ACE Mapscan Wet Yes	41.74	-110.59	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	117W	1
261	Unknown	ACE Mapscan Dry No BREACHED *** GOOD EXAMPLE	41.74	-110.36	Phase II	Dry Muddy Creek-Roberson Creek	Roberson Creek	Private	20N	115W	1
262	Unknown	ACE Mapscan Wet Yes	41.74	-110.60	Phase II	Upper North Fork Little Muddy Creek	Elkol	Private	20N	117W	11
263	Unknown	ACE Mapscan Dry No BREACHED	41.74	-110.55	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	116W	8
264 265	Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Wet Yes	41.74 41.74	-110.57 -110.58	Phase II Phase II	Upper North Fork Little Muddy Creek Upper North Fork Little Muddy Creek	Cumberland Flats Cumberland Flats	Private Private	20N 20N	116W 117W	7
267	Unknown	ACE Mapscan Dry Potential	41.73	-110.38	Phase II	Dry Muddy Creek-Little Round Mountain Spring	Coyote Springs	Private	20N	117W	7
270	Unknown	ACE Mapscan Dry Potential	41.73	-110.43	Phase II	Dry Muddy Creek-Little Round Mountain Spring	Coyote Springs	BLM	20N	115W	8
275	Unknown	ACE Mapscan Dry No BREACHED	41.73	-110.41	Phase II	Dry Muddy Creek-Little Round Mountain Spring	Coyote Springs	Private	20N	115W	9
277	Unknown	ACE Mapscan Dry No BREACHED	41.72	-110.45	Phase II	Dry Muddy Creek-Little Round Mountain Spring	Coyote Springs	BLM	20N	115W	18
278	Unknown	ACE Mapscan Wet Yes	41.72	-110.61	Phase II	Upper North Fork Little Muddy Creek	Elkol	Private	20N	117W	14
280	Unknown	ACE Mapscan Wet Yes ACE Mapscan Dry No REFACHED	41.72	-110.64	Phase II	Upper North Fork Little Muddy Creek Dry Muddy Creek Little Round Mountain Spring	Elkol Covoto Springs	State of Wyoming	20N	117W	16
284 286	Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Wet Yes	41.72 41.72	-110.42 -110.56	Phase II Phase II	Dry Muddy Creek-Little Round Mountain Spring Upper North Fork Little Muddy Creek	Coyote Springs Cumberland Flats	Private BLM	20N 20N	115W 116W	17 18
287	Unknown	ACE Mapscan Dry Potential	41.72	-110.56	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	BLM	20N	116W	18
289	Unknown	ACE Mapscan Dry No BREACHED	41.72	-110.55	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	116W	17
292	Unknown	ACE Mapscan Dry Potential	41.71	-110.54	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	116W	21
293	Unknown	ACE Mapscan Dry Potential	41.70	-110.58	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	BLM	20N	116W	19
294	Unknown	ACE Mapscan Wet Yes	41.70	-110.60	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	117W	23
295	Unknown	ACE Mapscan Wet Yes	41.70	-110.59	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	BLM	20N	117W	24
296 297	Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED	41.70 41.70	-110.53 -110.51	Phase II Phase II	Upper North Fork Little Muddy Creek Dry Muddy Creek-Little Round Mountain Spring	Cumberland Flats Cumberland Flats	Private BLM	20N 20N	116W 116W	21
298	Unknown	ACE Mapscan Dry Potential	41.70	-110.51	Phase II	Dry Muddy Creek-Little Round Mountain Spring	Cumberland Flats	BLM	20N	116W	22
299	Unknown	ACE Mapscan Dry Potential	41.69	-110.59	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	117W	25
300	Unknown	ACE Mapscan Dry Potential	41.69	-110.55	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	116W	29
301	Unknown	ACE Mapscan Wet Yes	41.69	-110.62	Phase II	Upper North Fork Little Muddy Creek	Elkol	Private	20N	117W	27
302	Unknown	ACE Mapscan Wet Yes	41.69	-110.61	Phase II	Upper North Fork Little Muddy Creek	Elkol	BLM	20N	117W	26
307	Unknown	ACE Mapscan Wet Yes ACE Mapscan Dry No BREACHED	41.69	-110.65	Phase II	Lower North Fork Little Muddy Creek	Cartor Losso	BLM BLM	20N	117W	28
308	Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential	41.68 41.68	-110.30 -110.53	Phase II Phase II	Dry Muddy Creek-Roberson Creek Upper North Fork Little Muddy Creek	Carter Lease Cumberland Flats	Private	20N 20N	114W 116W	28 33
311	Unknown	ACE Mapscan Dry Potential	41.68	-110.55	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	116W	32
312	Unknown	ACE Mapscan Dry Potential	41.68	-110.69	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	Private	20N	117W	31
313	Unknown	ACE Mapscan Wet Yes	41.68	-110.65	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	Private	20N	117W	33
314	Unknown	ACE Mapscan Dry Potential	41.68	-110.74	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta	BLM	20N	118W	34
315	Unknown	ACE Mapscan Wet Yes	41.68	-110.60	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	117W	35
317 318	Unknown	ACE Mapscan Wet Yes ACE Mapscan Dry No BREACHED	41.68 41.68	-110.87	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta	Private	20N 20N	119W	34 35
319	Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Wet Yes	41.68	-110.26 -110.86	Phase II Phase II	Dry Muddy Creek-Rocky Crossing Little Muddy Creek-Chicken Creek	Carter Lease Cumberland/Uinta	Private Private	20N	114W 119W	34
320	Unknown	ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY	41.67	-110.54	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	116W	33
321	Unknown	ACE Mapscan Dry No SEDIMENT	41.67	-110.71	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta	Private	20N	118W	
322	Unknown	ACE Mapscan Wet Yes	41.67	-110.67	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	Private	20N	117W	31
323	Unknown	ACE Mapscan Wet Yes	41.67	-110.61	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	117W	35
324	Unknown	ACE Mapscan Dry Potential	41.67	-110.89	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta	BLM	20N	119W	33
325 326	Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Wet Yes	41.67 41.67	-110.59 -110.53	Phase II Phase II	Upper North Fork Little Muddy Creek Upper North Fork Little Muddy Creek	Cumberland Flats Cumberland Flats	State of Wyoming Private	20N 20N	117W 116W	36 33
326	Unknown	ACE Mapscan Wet Yes SPRING FED?	41.67	-110.53	Phase II	Dry Muddy Creek-Roberson Creek	Carter Lease	Private	20N 20N	116W 114W	33
328	Unknown	ACE Mapscan Dry No SEDIMENT	41.67	-110.29	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	20N	114W	33
329	Unknown	ACE Mapscan Wet Yes	41.66	-110.58	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	Private	19N	117W	1
330	Unknown	ACE Mapscan Dry No BREACHED	41.66	-110.70	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta	Private	19N	118W	1
331	Unknown	ACE Mapscan Dry No BREACHED	41.66	-110.25	Phase II	Dry Muddy Creek-Rocky Crossing	Carter Lease	Private	19N	114W	1
332	Unknown	ACE Mapscan Wet Yes	41.66	-110.54	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	BLM	19N	116W	4
333	Unknown	ACE Mapscan Dry Potential ACE Mapscan Wet Yes	41.66	-110.56	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private Private	19N	116W	5
334 335	Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Dry Potential	41.66 41.66	-110.67 -110.58	Phase II Phase II	Little Muddy Creek-Chicken Creek Lower North Fork Little Muddy Creek	Cumberland/Uinta Cumberland Flats	Private Private	19N 19N	117W 117W	5 1
336	Unknown	ACE Mapscan Dry Potential	41.66	-110.56	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	BLM	19N	117W	6
337	Unknown	ACE Mapscan Dry Potential	41.65	-110.58	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	117W	1
338	Unknown	ACE Mapscan Dry Potential RIPS DATABASE	41.65	-110.65	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	BLM	19N	117W	4
339	Unknown	ACE Mapscan Wet Yes	41.65	-110.86	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta	BLM	19N	119W	10
340	Unknown	ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY	41.65	-110.53	Phase II	Little Muddy Creek-Ziller Ranch	Cumberland Flats	Private	19N	116W	9
341	Unknown	ACE Mapscan Dry Potential	41.65	-110.89	Phase II	·	Cumberland/Uinta	BLM	19N	119W	8
342 343	Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Dry Potential	41.65 41.65	-110.89 -110.62	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta Cumberland Flats	Private BLM	19N 19N	119W 117W	10
344	Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry Potential	41.65	-110.62	Phase II Phase II	Lower North Fork Little Muddy Creek Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N 19N	117W 117W	11
345	Unknown	ACE Mapscan Dry No SEDIMENT	41.65	-110.61	Phase II	·	Cumberland/Uinta	Private	19N	117W	7
346	Unknown	ACE Mapscan Dry No SEDIMENT	41.64	-110.68	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta	Private	19N	117W	7
347	Unknown	ACE Mapscan Wet Yes	41.64	-110.54	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	116W	9
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ACE ID	Name	Source Condition Water Source Notes	Lattitudo	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	т	R S
348	Unknown	ACE Mapscan Wet Yes	41.64	-110.91	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta	BLM	19N	119W 8
349	Unknown	ACE Mapscan Wet Yes	41.64	-110.88	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta	BLM	19N	119W 9
350	Unknown	ACE Mapscan Dry Potential	41.64	-110.61	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	117W 11
351	Unknown	ACE Mapscan Dry Potential	41.64	-110.53	Phase II	Little Muddy Creek-Ziller Ranch	Cumberland Flats	Private	19N	116W 9
352	Unknown	ACE Mapscan Dry Potential	41.64	-110.88	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta	BLM	19N	119W 9
353	Unknown	ACE Mapscan Dry Potential	41.64	-110.61	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	117W 11
354	Unknown	ACE Mapscan Dry Potential	41.64	-110.57	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	BLM	19N	116W 7
355	Unknown	ACE Mapscan Wet Yes	41.64	-110.60	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	117W 12
356	Unknown	ACE Mapscan Dry Potential	41.64	-110.58	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	116W 7
357	Unknown	ACE Mapscan Dry Potential	41.64	-110.56	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	116W 7
358 359	Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry Potential	41.64 41.64	-110.54 -110.26	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats Carter Lease	Private	19N 19N	116W 9 114W 11
360	Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry Potential	41.64	-110.26	Phase II Phase II	Dry Muddy Creek-Roberson Creek Lower North Fork Little Muddy Creek	Cumberland Flats	Private Private	19N	114W 11 116W 17
361	Unknown	ACE Mapscan Dry No SEDIMENT	41.64	-110.64	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	Private	19N	117W 15
362	Unknown	ACE Mapscan Dry Potential	41.64	-110.52	Phase II	Little Muddy Creek-Ziller Ranch	Cumberland Flats	State of Wyoming	19N	116W 16
363	Unknown	ACE Mapscan Dry No SEDIMENT	41.63	-110.68	Phase II	Little Muddy Creek-Bell Creek	Cumberland/Uinta	BLM	19N	117W 18
364	Unknown	ACE Mapscan Dry No SEDIMENT	41.63	-110.56	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	116W 18
365	Unknown	ACE Mapscan Dry Potential	41.63	-110.57	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	116W 18
366	Unknown	ACE Mapscan Dry Potential	41.63	-110.59	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	117W 13
367	Unknown	ACE Mapscan Dry Potential	41.63	-110.60	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	117W 13
368	Unknown	ACE Mapscan Dry Potential	41.63	-110.53	Phase II	Little Muddy Creek-Ziller Ranch	Cumberland Flats	State of Wyoming	19N	116W 16
369	Unknown	ACE Mapscan Dry Potential	41.63	-110.22	Phase II	Dry Muddy Creek-Rocky Crossing	Carter Lease	BLM	19N	113W 18
370	Unknown	ACE Mapscan Dry No BREACHED	41.63	-110.54	Phase II	Little Muddy Creek Ball Creek	Cumberland Flats	Private	19N	116W 17
372 373	Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY	41.63	-110.67 -110.54	Phase II	Little Muddy Creek-Bell Creek	Cumberland/Uinta	Private Private	19N	117W 17
373	Unknown	ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY ACE Mapscan Dry Potential	41.62 41.62	-110.54	Phase II Phase II	Little Muddy Creek-Ziller Ranch Little Muddy Creek-Ziller Ranch	Cumberland Flats Cumberland Flats	Private	19N 19N	116W 21 116W 21
375	Unknown	ACE Mapscan Dry Potential	41.62	-110.54	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats Cumberland Flats	Private	19N 19N	116W 21 116W 19
376	Unknown	ACE Mapscan Dry Potential	41.62	-110.37	Phase II	Dry Muddy Creek-Roberson Creek	Carter Lease	BLM	19N	115W 19
377	Unknown	ACE Mapscan Wet Yes	41.62	-110.90	Phase II	Carter Creek	Cumberland/Uinta	Private	19N	119W 20
378	Unknown	ACE Mapscan Dry Potential	41.62	-110.58	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	117W 24
379	Unknown	ACE Mapscan Dry No BREACHED	41.62	-110.54	Phase II	Little Muddy Creek-Ziller Ranch	Cumberland Flats	Private	19N	116W 21
380	Unknown	ACE Mapscan Dry Potential	41.62	-110.57	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	116W 19
381	Unknown	ACE Mapscan Dry Potential	41.62	-110.64	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	Private	19N	117W 21
382	Unknown	ACE Mapscan Dry Potential	41.62	-110.64	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	Private	19N	117W 21
383	Unknown	ACE Mapscan Dry No BREACHED	41.62	-110.54	Phase II	Little Muddy Creek-Ziller Ranch	Cumberland Flats	Private	19N	116W 21
384	Unknown	ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY	41.61	-110.89	Phase II	Carter Creek	Cumberland/Uinta	BLM	19N	119W 21
385	Unknown	ACE Mapscan Dry Potential	41.61	-110.64	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	Private	19N	117W 21
387	Unknown	ACE Mapscan Dry No BREACHED	41.61	-110.90	Phase II	Carter Creek	Cumberland/Uinta	Private	19N	119W 20
388 389	Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No SEDIMENT	41.61 41.61	-110.46 -110.56	Phase II	Little Muddy Creek-Ziller Ranch	Cumberland Flats	Private	19N	115W 19
390	Unknown	ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY	41.61	-110.55	Phase II Phase II	Lower North Fork Little Muddy Creek Little Muddy Creek-Ziller Ranch	Cumberland Flats Cumberland Flats	Private BLM	19N 19N	116W 19 116W 20
391	Unknown	ACE Mapscan Dry Potential	41.61	-110.61	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	117W 23
392	Unknown	ACE Mapscan Dry Potential	41.61	-110.59	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	117W 24
393	Unknown	ACE Mapscan Dry Potential	41.61	-110.58	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N	116W 30
394	Unknown	ACE Mapscan Dry Potential	41.61	-110.63	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	Private	19N	117W 27
395	Unknown	ACE Mapscan Wet Yes	41.60	-110.89	Phase II	Carter Creek	Cumberland/Uinta	BLM	19N	119W 29
396	Unknown	ACE Mapscan Dry No SEDIMENT	41.60	-110.90	Phase II	Carter Creek	Cumberland/Uinta	Private	19N	119W 29
397	Unknown	ACE Mapscan Dry Potential	41.60	-110.55	Phase II	Little Muddy Creek-Ziller Ranch	Cumberland Flats	Private	19N	116W 29
398	Unknown	ACE Mapscan Dry Potential	41.60	-110.60	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	BLM	19N	117W 26
399	Unknown	ACE Mapscan Dry No BREACHED	41.60	-110.60	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	BLM	19N	117W 26
401	Unknown	ACE Mapscan Dry Potential	41.59	-110.46	Phase II	Little Muddy Creek-Ziller Ranch	Carter Lease	Private	19N	115W 31
403	Unknown	ACE Mapscan Dry Potential	41.59	-110.65	Phase II	Little Muddy Creek-Bell Creek	Cumberland/Uinta	Private	19N	117W 33
404	Unknown Unknown	ACE Mapscan Dry Potential Proceedings of the Company of the Compan	41.59 41.59	-110.64 -110.65	Phase II Phase II	Little Muddy Creek-Bell Creek Little Muddy Creek-Bell Creek	Cumberland/Uinta Cumberland/Uinta	Private Private	19N 19N	117W 33 117W 33
**************************************						Little Widday Creek-Bell Creek	· · · · · · · · · · · · · · · · · · ·	riivate		117W 33 117W 35
		ACE Mapscan Dry No SEDIMENT ACE Mapscan Dry No RREACHED	_	-110 61	Phace II	Little Muddy Crook-Roll Crook	Cumherland Flate	Private		
406	Unknown	ACE Mapscan Dry No BREACHED	41.59	-110.61 -110.60	Phase II	Little Muddy Creek-Bell Creek Little Muddy Creek-Ziller Ranch	Cumberland Flats Cumberland Flats	Private Private	19N 19N	
			_	-110.61 -110.60 -110.85	Phase II Phase II	Little Muddy Creek-Bell Creek Little Muddy Creek-Ziller Ranch Sheep Creek-North Fork Sheep Creek	Cumberland Flats Cumberland Flats Cumberland/Uinta	Private Private Private	19N 19N 19N	117W 35 119W 34
406 407	Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential	41.59 41.59	-110.60	Phase II	Little Muddy Creek-Ziller Ranch	Cumberland Flats	Private	19N	117W 35
406 407 408	Unknown Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan Wet Yes	41.59 41.59 41.58	-110.60 -110.85	Phase II Phase II	Little Muddy Creek-Ziller Ranch Sheep Creek-North Fork Sheep Creek	Cumberland Flats Cumberland/Uinta	Private Private	19N 19N	117W 35 119W 34
406 407 408 409	Unknown Unknown Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan Wet Yes ACE Mapscan Wet Yes	41.59 41.59 41.58 41.58	-110.60 -110.85 -110.85	Phase II Phase II Phase II	Little Muddy Creek-Ziller Ranch Sheep Creek-North Fork Sheep Creek Sheep Creek-North Fork Sheep Creek	Cumberland Flats Cumberland/Uinta Cumberland/Uinta	Private Private Private	19N 19N 19N	117W 35 119W 34 119W 34
406 407 408 409 410	Unknown Unknown Unknown Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Dry Potential	41.59 41.59 41.58 41.58 41.58	-110.60 -110.85 -110.85 -110.85	Phase II Phase II Phase II	Little Muddy Creek-Ziller Ranch Sheep Creek-North Fork Sheep Creek Sheep Creek-North Fork Sheep Creek Sheep Creek-North Fork Sheep Creek	Cumberland Flats Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta	Private Private Private Private	19N 19N 19N 19N	117W 35 119W 34 119W 34 119W 34
406 407 408 409 410 411 412 413	Unknown Unknown Unknown Unknown Unknown Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan Wet Yes ACE Mapscan Dry Potential ACE Mapscan Dry Potential ACE Mapscan Dry Potential ACE Mapscan Wet Yes	41.59 41.59 41.58 41.58 41.58 41.58	-110.60 -110.85 -110.85 -110.85 -110.85	Phase II Phase II Phase II Phase II Phase II	Little Muddy Creek-Ziller Ranch Sheep Creek-North Fork Sheep Creek	Cumberland Flats Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta	Private Private Private Private Private Private	19N 19N 19N 19N 19N	117W 35 119W 34 119W 34 119W 34 119W 34 119W 34 119W 34
406 407 408 409 410 411 412 413 414	Unknown	ACE Mapscan Dry Potential ACE Mapscan Wet Yes ACE Mapscan Dry Potential ACE Mapscan Wet Yes ACE Mapscan Dry Potential	41.59 41.59 41.58 41.58 41.58 41.58 41.58 41.58 41.58	-110.60 -110.85 -110.85 -110.85 -110.85 -110.85 -110.85	Phase II	Little Muddy Creek-Ziller Ranch Sheep Creek-North Fork Sheep Creek	Cumberland Flats Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta	Private	19N 19N 19N 19N 19N 19N 19N 19N	117W 35 119W 34 119W 34 119W 34 119W 34 119W 34 119W 34 119W 34
406 407 408 409 410 411 412 413 414 415	Unknown	ACE Mapscan Dry Potential ACE Mapscan Wet Yes ACE Mapscan Dry Potential	41.59 41.59 41.58 41.58 41.58 41.58 41.58 41.58 41.58 41.58	-110.60 -110.85 -110.85 -110.85 -110.85 -110.85 -110.85 -110.85 -110.85	Phase II	Little Muddy Creek-Ziller Ranch Sheep Creek-North Fork Sheep Creek	Cumberland Flats Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta	Private	19N 19N 19N 19N 19N 19N 19N 19N 19N	117W 35 119W 34 119W 34 119W 34 119W 34 119W 34 119W 34 119W 34 119W 34
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498UnknownACE MapscanDryPotential10.22Phase IIBlacks Fork-Jackknife DrawAustin TriangleBLM17N113W499UnknownACE MapscanWetYesWet Tyes41.49-110.24Phase IIBlacks Fork-Jackknife DrawAustin TrianglePrivate17N114W500UnknownACE MapscanWetYesWET IN TWO YEARS OF PHOTOGRAPHY41.49-110.46Phase II1.40401E+11Carter LeasePrivate17N116W501UnknownACE MapscanDryNoBREACHED41.49-110.81Phase IIRyckman CreekCumberland/UintaPrivate17N119W	496	Unknown	ACE Mapscan	Dry	у	No	SEDIMENT	41	1.49	-110.72	Phase II	Ryckman Creek	Cumberland/Uinta	Private	18N	118W	35
499 Unknown ACE Mapscan Wet Yes Unknown ACE Mapscan Wet Yes Unknown ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY 500 Unknown ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY 501 Unknown ACE Mapscan Dry No BREACHED 502 BREACHED 503 BREACHED 504 BREACHED 505 BREACHED 506 BREACHED 507 BreacHED 507 BreacHED 508 BREACHED 509 BREACHED 509 BREACHED 500 BREACHED	497	Unknown	ACE Mapscan	Dry	у	No	BREACHED	41	1.49	-110.75	Phase II	Ryckman Creek	Cumberland/Uinta	Private	17N	118W	3
500 Unknown ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY 501 Unknown ACE Mapscan Dry No BREACHED 502 Unknown ACE Mapscan Dry No BREACHED 503 Unknown ACE Mapscan Dry No BREACHED 504 Unknown ACE Mapscan Dry No BREACHED 505 Unknown ACE Mapscan Dry No BREACHED 506 Unknown ACE Mapscan Dry No BREACHED 507 Unknown ACE Mapscan Dry No BREACHED 508 Unknown ACE Mapscan Dry No BREACHED 509 Unknown ACE Mapscan Dry No BREACHED 500 Unknown ACE Mapscan Dry No BREACHED 500 Unknown ACE Mapscan Dry No BREACHED 501 Unknown ACE Mapscan Dry No BREACHED	498	Unknown	ACE Mapscan	Dry	у	Potential		41	1.49	-110.22	Phase II	Blacks Fork-Jackknife Draw	Austin Triangle	BLM	17N	113W	6
501 Unknown ACE Mapscan Dry No BREACHED 41.49 -110.81 Phase II Ryckman Creek Cumberland/Uinta Private 17N 119W	499	Unknown	ACE Mapscan	We	et	Yes		41	1.49	-110.24	Phase II	Blacks Fork-Jackknife Draw	Austin Triangle	Private	17N	114W	1
	500	Unknown	ACE Mapscan	We	et	Yes	WET IN TWO YEARS OF PHOTOGRAPHY	41	1.49	-110.46	Phase II	1.40401E+11	Carter Lease	Private	17N	116W	1
	501	Unknown	ACE Mapscan	Dry	у	No	BREACHED	41	1.49	-110.81	Phase II	Ryckman Creek	Cumberland/Uinta	Private	17N	119W	1
1.2.10 12000 11000 1 1000 1 1000 1 1000 1 1000 1000 1 1000	502	Unknown	ACE Mapscan			Potential		41	1.48	-110.60	Phase II	Lower Albert Creek	Albert Creek	BLM	17N	117W	1

ACE ID	Name	Source Condition Water Source Notes	Lattitudo	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	т	R	S
503	Unknown	ACE Mapscan Wet Yes	41.48	-110.86	Phase II	Ryckman Creek	Cumberland/Uinta	Private	17N		3
504	Unknown	ACE Masscan Dry Potential	41.48	-110.71	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N	-	11
505	Unknown	ACE Mapscan Dry Potential	41.47	-110.72	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N		11
506	Unknown	ACE Mapscan Wet Yes	41.47	-110.80	Phase II	Ryckman Creek	Cumberland/Uinta	Private	17N		7
507	Unknown	ACE Mapscan Wet Yes	41.47	-110.84	Phase II	Ryckman Creek	Cumberland/Uinta	Private	17N	119W	11
508	Unknown	ACE Mapscan Dry Potential	41.47	-110.72	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N	118W :	l1
509	Unknown	ACE Mapscan Wet Yes	41.47	-110.84	Phase II	Ryckman Creek	Cumberland/Uinta	Private	17N	119W	l1
511	Unknown	ACE Mapscan Dry Potential	41.47	-110.61	Phase II	Lower Albert Creek	Albert Creek	Private	17N		l1
512	Unknown	ACE Mapscan Dry No SEDIMENT	41.46	-110.77	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N		L7
513	Unknown	ACE Mapscan Dry No BREACHED	41.46	-110.87	Phase II	Ryckman Creek	Cumberland/Uinta	State of Wyoming	17N		16
514	Unknown	ACE Mapscan Dry No SEDIMENT	41.46	-110.76	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	State of Wyoming	17N		16
515	Unknown	ACE Mapscan Dry Potential	41.46	-110.56	Phase II	Muddy Creek-Lost Draw	Carter Lease	Private State of Wyoming	17N		L7
516 517	Unknown Unknown	ACE Mapscan Dry No SEDIMENT ACE Mapscan Dry No SEDIMENT	41.46 41.46	-110.76 -110.76	Phase II Phase II	Clear Creek-Shurtleff Creek Clear Creek-Shurtleff Creek	Cumberland/Uinta Cumberland/Uinta	State of Wyoming	17N 17N		L6 L6
518	Unknown	ACE Mapscan Dry No SEDIMENT ACE Mapscan Dry Potential	41.46	-110.76	Phase II	Austin Reservoir	Austin Triangle	State of Wyoming BLM	17N 17N		14
519	Unknown	ACE Mapscan Dry No BREACHED	41.46	-110.25	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	State of Wyoming	17N		16
520	Unknown	ACE Mapscan Dry Potential	41.45	-110.26	Phase II	Austin Reservoir	Austin Triangle	BLM	17N		L4
521	Unknown	ACE Mapscan Dry Potential	41.45	-110.60	Phase II	Muddy Creek-Lost Draw	Albert Creek	Private	17N		13
522	Unknown	ACE Mapscan Wet Yes	41.45	-110.68	Phase II	Clear Creek-Shurtleff Creek	Albert Creek	Private	17N	117W	L9
523	Unknown	ACE Mapscan Dry No BREACHED	41.45	-110.85	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	BLM	17N	119W 2	22
524	Unknown	ACE Mapscan Dry Potential	41.44	-110.60	Phase II	Muddy Creek-Lost Draw	Albert Creek	Private	17N		23
525	Unknown	ACE Mapscan Dry Potential	41.44	-110.66	Phase II	Lower Albert Creek	Albert Creek	BLM	17N		20
526	Unknown	ACE Mapscan Dry No BREACHED	41.44	-110.60	Phase II	Muddy Creek-Lost Draw	Albert Creek	Private	17N		23
527	Unknown	ACE Mapscan Dry Potential	41.44	-110.60	Phase II	Muddy Creek-Lost Draw	Albert Creek	Private	17N		23
528	Unknown	ACE Mapscan Dry No SEDIMENT	41.44	-110.71	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	BLM	17N		24
529	Unknown	ACE Mapscan Dry No BREACHED	41.44	-110.67	Phase II	Lower Albert Creek	Albert Creek	BLM	17N		20
530	Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Wet Yes	41.44 41.44	-110.65 -110.68	Phase II	Lower Albert Creek	Albert Creek	Private	17N 17N		21
531 532	Unknown	ACE Mapscan Wet Yes ACE Mapscan Dry No SEDIMENT	41.44	-110.68 -110.72	Phase II Phase II	Lower Albert Creek Clear Creek-Shurtleff Creek	Albert Creek Cumberland/Uinta	Private Private	17N 17N		19 23
533	Unknown	ACE Mapscan Dry No BREACHED	41.44	-110.72	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	BLM	17N 17N		22
534	Unknown	ACE Mapscan Dry No BREACHED	41.43	-110.85	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	BLM	17N		26
535	Unknown	ACE Mapscan Wet Yes	41.43	-110.85	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	BLM	17N		26
536	Unknown	ACE Mapscan Dry Potential	41.43	-110.66	Phase II	Lower Albert Creek	Albert Creek	Private	17N	117W 2	29
537	Unknown	ACE Mapscan Dry No SEDIMENT	41.43	-110.64	Phase II	Lower Albert Creek	Albert Creek	BLM	17N	117W 2	28
538	Unknown	ACE Mapscan Dry Potential	41.43	-110.71	Phase II	Lower Albert Creek	Cumberland/Uinta	Private	17N	118W 2	25
539	Unknown	ACE Mapscan Dry Potential	41.43	-110.71	Phase II	Lower Albert Creek	Cumberland/Uinta	Private	17N	118W 2	25
540	Unknown	ACE Mapscan Wet Yes	41.43	-110.22	Phase II	Austin Reservoir	Monument	BLM	17N	113W 3	30
541	Unknown	ACE Mapscan Wet Yes	41.43	-110.87	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N		28
542	Unknown	ACE Mapscan Wet Yes	41.43	-110.87	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N		28
543 544	Unknown	ACE Mapscan Wet Yes	41.43 41.43	-110.87 -110.87	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N 17N		28
545	Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Dry No SEDIMENT	41.43	-110.87	Phase II Phase II	Clear Creek-Shurtleff Creek Lower Albert Creek	Cumberland/Uinta Albert Creek	Private BLM	17N 17N		28
546	Unknown	ACE Mapscan Dry Potential	41.42	-110.04	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N 17N		27
547	Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry Potential	41.42	-110.65	Phase II	Lower Albert Creek	Albert Creek	Private	17N		28
548	Unknown	ACE Mapscan Wet Yes WET I N TWO YEARS OF PHOTOGRAPHY	41.42	-110.76	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	State of Wyoming	17N		28
549	Unknown	ACE Mapscan Wet Yes	41.42	-110.32	Phase II	Austin Reservoir	Austin Place	Private	17N	114W 3	32
550	Unknown	ACE Mapscan Dry No BREACHED	41.42	-110.70	Phase II	Lower Albert Creek	Haystack Draw	State of Wyoming	17N	118W	36
551	Unknown	ACE Mapscan Dry Potential	41.42	-110.28	Phase II	Austin Reservoir	Austin Place	Private	17N		34
552	Unknown	ACE Mapscan Wet Yes	41.41	-110.25	Phase II	Austin Reservoir	Monument	State of Wyoming	17N		36
553	Unknown	ACE Mapscan Wet Yes	41.41	-110.29	Phase II	Austin Reservoir	Austin Place	Private	17N		34
554	Unknown	ACE Mapscan Wet Yes	41.41	-110.25	Phase II	Austin Reservoir	Monument	Private	17N	-	35
555	Unknown	ACE Mapscan Dry Potential	41.41	-110.48	Phase II	Muddy Creek-Lost Draw	Bridger Airport	BLM	17N	-	36
556 557	Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Wet Yes	41.41 41.41	-110.32 -110.28	Phase II Phase II	Austin Reservoir Austin Reservoir	Austin Place Austin Place	Private Private	17N 17N		32 34
558	Unknown	ACE Mapscan Wet Yes	41.41	-110.28	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N 17N		34
559	Unknown	ACE Mapscan Dry Potential	41.41	-110.86	Phase II	Muddy Creek-Town of Carter	Bridger Airport	Private	17N 17N		33
560	Unknown	ACE Mapscan Wet Yes	41.41	-110.41	Phase II	·	Monument	Private	17N		35
561	Unknown	ACE Mapscan Dry Potential	41.41	-110.34	Phase II	Austin Reservoir	Austin Place	Private	17N		31
562	Unknown	ACE Mapscan Dry Potential	41.41	-110.61	Phase II	Muddy Creek-Lost Draw	Coal Mine Draw	Private	17N		35
563	Unknown	ACE Mapscan Dry Potential	41.41	-110.62	Phase II	Muddy Creek-Lost Draw	Coal Mine Draw	BLM	17N	117W	34
1		ACE Mapscan Dry Potential	41.41	-110.42	Phase II	Muddy Creek-Town of Carter	Bridger Airport	Private	17N	115W 3	33
564	Unknown	Act Mapscan Dry Totelital		-110.50	Phase II	Muddy Creek-Lost Draw	Bridger Airport	BLM	17N		34
565	Unknown	ACE Mapscan Dry Potential	41.41								
565 566	Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED	41.41	-110.45	Phase II	Rock Creek-Spring Creek	Bridger Airport	Private	17N		31
565 566 567	Unknown Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential Potential	41.41 41.41	-110.45 -110.67	Phase II Phase II	Middle Albert Creek	Haystack Draw	BLM	17N	117W 3	32
565 566 567 568	Unknown Unknown Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry Potential ACE Mapscan	41.41 41.41 41.41	-110.45 -110.67 -110.53	Phase II Phase II Phase II	Middle Albert Creek Muddy Creek-Lost Draw	Haystack Draw Bridger Airport	BLM Private	17N 17N	117W 3	32 33
565 566 567 568 569	Unknown Unknown Unknown Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry No SEDIMENT	41.41 41.41 41.41 41.41	-110.45 -110.67 -110.53 -110.80	Phase II Phase II Phase II	Middle Albert Creek Muddy Creek-Lost Draw Clear Creek-Shurtleff Creek	Haystack Draw Bridger Airport Cumberland/Uinta	BLM Private Private	17N 17N 17N	117W 3 116W 3 118W 3	32 33 31
565 566 567 568 569 570	Unknown Unknown Unknown Unknown Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY	41.41 41.41 41.41 41.41 41.41	-110.45 -110.67 -110.53 -110.80 -110.22	Phase II Phase II Phase II Phase II Phase II	Middle Albert Creek Muddy Creek-Lost Draw Clear Creek-Shurtleff Creek Blacks Fork-Rollins Reservoir	Haystack Draw Bridger Airport Cumberland/Uinta Monument	BLM Private Private Private	17N 17N 17N 17N	117W 3 116W 3 118W 3 113W 3	32 33 31 31
565 566 567 568 569 570 571	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY ACE Mapscan Dry No SEDIMENT	41.41 41.41 41.41 41.41 41.41 41.41	-110.45 -110.67 -110.53 -110.80 -110.22 -110.80	Phase II Phase II Phase II Phase II Phase II Phase II	Middle Albert Creek Muddy Creek-Lost Draw Clear Creek-Shurtleff Creek Blacks Fork-Rollins Reservoir Clear Creek-Shurtleff Creek	Haystack Draw Bridger Airport Cumberland/Uinta Monument Cumberland/Uinta	BLM Private Private Private Private Private	17N 17N 17N 17N 17N	117W 3 116W 3 118W 3 113W 3 118W 3	32 33 31 31
565 566 567 568 569 570 571 572	Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential Potential ACE Mapscan Dry Potential Potential ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes	41.41 41.41 41.41 41.41 41.41 41.41 41.40	-110.45 -110.67 -110.53 -110.80 -110.22 -110.80 -110.33	Phase II	Middle Albert Creek Muddy Creek-Lost Draw Clear Creek-Shurtleff Creek Blacks Fork-Rollins Reservoir Clear Creek-Shurtleff Creek Austin Reservoir	Haystack Draw Bridger Airport Cumberland/Uinta Monument Cumberland/Uinta Austin Place	BLM Private Private Private Private Private Private Private	17N 17N 17N 17N 17N 17N	117W 3 116W 3 118W 3 113W 3 118W 3 114W 3	32 33 31 31 31 31
565 566 567 568 569 570 571 572 573	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential Potential ACE Mapscan Dry Potential Potential ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes ACE Mapscan Wet Yes	41.41 41.41 41.41 41.41 41.41 41.41	-110.45 -110.67 -110.53 -110.80 -110.22 -110.80 -110.33 -110.80	Phase II Phase II Phase II Phase II Phase II Phase II	Middle Albert Creek Muddy Creek-Lost Draw Clear Creek-Shurtleff Creek Blacks Fork-Rollins Reservoir Clear Creek-Shurtleff Creek	Haystack Draw Bridger Airport Cumberland/Uinta Monument Cumberland/Uinta Austin Place Rock House	BLM Private Private Private Private Private	17N 17N 17N 17N 17N 17N 17N	117W 3 116W 3 118W 3 113W 3 118W 3 114W 3 119W	32 33 31 31
565 566 567 568 569 570 571 572	Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes ACE Mapscan Wet Yes	41.41 41.41 41.41 41.41 41.41 41.41 41.40 41.40	-110.45 -110.67 -110.53 -110.80 -110.22 -110.80 -110.33	Phase II	Middle Albert Creek Muddy Creek-Lost Draw Clear Creek-Shurtleff Creek Blacks Fork-Rollins Reservoir Clear Creek-Shurtleff Creek Austin Reservoir Clear Creek-Shurtleff Creek	Haystack Draw Bridger Airport Cumberland/Uinta Monument Cumberland/Uinta Austin Place	BLM Private Private Private Private Private Private Private Private	17N 17N 17N 17N 17N 17N	117W 116W 118W 113W 118W 114W 119W 118W 118W 119W 118W	32 33 31 31 31 31 2
565 566 567 568 569 570 571 572 573 574	Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Dry No BREACHED	41.41 41.41 41.41 41.41 41.41 41.40 41.40 41.40	-110.45 -110.67 -110.53 -110.80 -110.22 -110.80 -110.33 -110.80 -110.68	Phase II	Middle Albert Creek Muddy Creek-Lost Draw Clear Creek-Shurtleff Creek Blacks Fork-Rollins Reservoir Clear Creek-Shurtleff Creek Austin Reservoir Clear Creek-Shurtleff Creek Middle Albert Creek	Haystack Draw Bridger Airport Cumberland/Uinta Monument Cumberland/Uinta Austin Place Rock House Haystack Draw	BLM Private Private Private Private Private Private Private Private Private	17N 17N 17N 17N 17N 17N 17N 16N	117W 116W 118W 113W 118W 114W 119W 118W 118W 119W 118W	32 33 31 31 31 31 2
565 566 567 568 569 570 571 572 573 574 575	Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential Potential ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential Potential	41.41 41.41 41.41 41.41 41.41 41.41 41.40 41.40 41.40	-110.45 -110.67 -110.53 -110.80 -110.22 -110.80 -110.33 -110.80 -110.68 -110.56	Phase II	Middle Albert Creek Muddy Creek-Lost Draw Clear Creek-Shurtleff Creek Blacks Fork-Rollins Reservoir Clear Creek-Shurtleff Creek Austin Reservoir Clear Creek-Shurtleff Creek Middle Albert Creek Muddy Creek-Lost Draw	Haystack Draw Bridger Airport Cumberland/Uinta Monument Cumberland/Uinta Austin Place Rock House Haystack Draw Bridger Airport	BLM Private	17N 17N 17N 17N 17N 17N 16N 16N 16N	117W 116W 118W 113W 118W 1119W 119W 118W 119W 119W 119W	32 33 31 31 31 31 2
565 566 567 568 569 570 571 572 573 574 575 576	Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY ACE Mapscan Dry No SEDIMENT ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry Potential ACE Mapscan ACE Mapscan Dry No BREACHED	41.41 41.41 41.41 41.41 41.41 41.41 41.40 41.40 41.40 41.40 41.40	-110.45 -110.67 -110.53 -110.80 -110.22 -110.80 -110.33 -110.80 -110.68 -110.68 -110.78	Phase II	Middle Albert Creek Muddy Creek-Lost Draw Clear Creek-Shurtleff Creek Blacks Fork-Rollins Reservoir Clear Creek-Shurtleff Creek Austin Reservoir Clear Creek-Shurtleff Creek Middle Albert Creek Muddy Creek-Lost Draw Clear Creek-Shurtleff Creek	Haystack Draw Bridger Airport Cumberland/Uinta Monument Cumberland/Uinta Austin Place Rock House Haystack Draw Bridger Airport Rock House	BLM Private	17N 17N 17N 17N 17N 17N 16N 16N 16N 16N	117W 116W 118W 113W 118W 114W 119W 119W 117W 119W 114W 114W 119W 114W 114W 114W 114	32 33 31 31 31 31 22 11 11

ACE ID	Name	Source Condition Water Source Notes	Lattituda	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	т -	В	S
579	Unknown	ACE Mapscan Wet Yes	41.40	-110.30	Phase II	Austin Reservoir	Monument	Private	16N		5
580	Unknown	ACE Mapscan Wet Yes	41.40	-110.65	Phase II	Middle Albert Creek	Haystack Draw	Private	16N		6
581	Unknown	ACE Mapscan Wet Yes	41.40	-110.18	Phase II	Blacks Fork-Jackknife Draw	Granger Lease	BLM	16N	113W	6
582	Unknown	ACE Mapscan Dry No BREACHED	41.40	-110.78	Phase II	Clear Creek-Shurtleff Creek	Rock House	Private	16N	119W	1
583	Unknown	ACE Mapscan Dry No BREACHED	41.40	-110.52	Phase II	Muddy Creek-Lost Draw	Bridger Airport	Private	16N		5
584	Unknown	ACE Mapscan Dry No SEDIMENT	41.40	-110.51	Phase II	Muddy Creek-Lost Draw	Bridger Airport	BLM	16N		4
585	Unknown	ACE Mapscan Dry No BREACHED	41.40	-110.52	Phase II	Muddy Creek-Lost Draw	Bridger Airport	Private	16N		5
586 587	Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Dry No BREACHED	41.40 41.40	-110.45 -110.43	Phase II	Rock Creek-Spring Creek Rock Creek-Spring Creek	Bridger Airport Bridger Airport	BLM Private	16N 16N		2
588	Unknown	ACE Mapscan Dry No BREACHED	41.40	-110.43	Phase II	Clear Creek-Shurtleff Creek	Rock House	Private	16N		5
589	Unknown	ACE Mapscan Dry No BREACHED	41.40	-110.44	Phase II	Rock Creek-Spring Creek	Bridger Airport	Private	16N		1
590	Unknown	ACE Mapscan Dry No SEDIMENT	41.40	-110.45	Phase II	Rock Creek-Spring Creek	Bridger Airport	BLM	16N		2
591	Unknown	ACE Mapscan Dry No BREACHED	41.40	-110.85	Phase II	Clear Creek-Shurtleff Creek	Rock House	BLM	16N	119W	4
592	Unknown	ACE Mapscan Dry No SEDIMENT	41.40	-110.78	Phase II	Clear Creek-Shurtleff Creek	Rock House	Private	16N	119W	1
593	Unknown	ACE Mapscan Wet Yes	41.39	-110.86	Phase II	Clear Creek-Shurtleff Creek	Rock House	Private	16N		5
594	Unknown	ACE Mapscan Wet Yes	41.39	-110.83	Phase II	Clear Creek-Shurtleff Creek	Rock House	Private	16N		3
595	Unknown	ACE Mapscan Dry Potential	41.39	-110.51	Phase II	Rock Creek-Spring Creek	Bridger Airport	Private	16N		5
596 597	Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Dry Potential	41.39 41.39	-110.81 -110.44	Phase II Phase II	Clear Creek-Shurtleff Creek Rock Creek-Spring Creek	Rock House Bridger Airport	Private BLM	16N 16N		2
598	Unknown	ACE Mapscan Wet Yes	41.39	-110.44	Phase II	Blacks Fork-Rollins Reservoir	No Allotment	BLM	16N		4
599	Unknown	ACE Mapscan Dry No BREACHED	41.39	-110.27	Phase II	Rock Creek-Spring Creek	Bridger Airport	BLM	16N		3
600	Unknown	ACE Mapscan Wet Yes	41.39	-110.26	Phase II	Blacks Fork-Rollins Reservoir	No Allotment	Private	16N		9
601	Unknown	ACE Mapscan Wet Yes	41.39	-110.34	Phase II	Blacks Fork-Rollins Reservoir	Oaks	Private	16N		11
602	Unknown	ACE Mapscan Dry No BREACHED	41.39	-110.48	Phase II	Rock Creek-Spring Creek	Bridger Airport	Private	16N		10
603	Unknown	ACE Mapscan Dry No BREACHED	41.39	-110.85	Phase II	Clear Creek-Shurtleff Creek	Rock House	State of Wyoming	16N		9
604	Unknown	ACE Mapscan Dry No BREACHED	41.39	-110.85	Phase II	Clear Creek-Shurtleff Creek	Rock House	State of Wyoming	16N		8
605	Unknown	ACE Mapscan Dry No BREACHED	41.39	-110.85	Phase II	Clear Creek-Shurtleff Creek	Rock House	State of Wyoming	16N		8
606 607	Unknown Unknown	ACE Mapscan Dry No BREACHED ACE Mapscan Dry Potential	41.39 41.39	-110.85 -110.60	Phase II	Clear Creek-Shurtleff Creek Muddy Creek-Lost Draw	Rock House Coal Mine Draw	Private BLM	16N 16N		9 10
608	Unknown	ACE Mapscan Wet Yes	41.39	-110.86	Phase II	Clear Creek-Shurtleff Creek	Rock House	State of Wyoming	16N		8
609	Unknown	ACE Mapscan Wet Yes	41.39	-110.86	Phase II	Clear Creek-Shurtleff Creek	Rock House	State of Wyoming	16N		8
610	Unknown	ACE Mapscan Wet Yes	41.39	-110.86	Phase II	Clear Creek-Shurtleff Creek	Rock House	State of Wyoming	16N		8
611	Unknown	ACE Mapscan Wet Yes	41.39	-110.86	Phase II	Clear Creek-Shurtleff Creek	Rock House	State of Wyoming	16N	119W	8
612	Unknown	ACE Mapscan Dry No SEDIMENT	41.39	-110.76	Phase II	Middle Albert Creek	Byrne Creek	Private	16N	118W	7
613	Unknown	ACE Mapscan Wet Yes	41.39	-110.86	Phase II	Clear Creek-Shurtleff Creek	Rock House	State of Wyoming	16N		8
C11											
614	Unknown	ACE Mapscan Wet Yes	41.39	-110.86	Phase II	Clear Creek-Shurtleff Creek	Rock House	State of Wyoming	16N		8
615	Unknown	ACE Mapscan Wet Yes	41.38	-110.86	Phase II	Clear Creek-Shurtleff Creek	Rock House	State of Wyoming	16N	119W	8
615 616	Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Wet Yes	41.38 41.38	-110.86 -110.66	Phase II Phase II	Clear Creek-Shurtleff Creek Middle Albert Creek	Rock House Haystack Draw	State of Wyoming Private	16N 16N	119W 117W	8 7
615 616 617	Unknown	ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Dry No SEDIMENT	41.38 41.38 41.38	-110.86 -110.66 -110.74	Phase II Phase II Phase II	Clear Creek-Shurtleff Creek Middle Albert Creek Middle Albert Creek	Rock House	State of Wyoming Private BLM	16N 16N 16N	119W 117W 118W	8 7 8
615 616	Unknown Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Dry No SEDIMENT	41.38 41.38	-110.86 -110.66	Phase II Phase II	Clear Creek-Shurtleff Creek Middle Albert Creek	Rock House Haystack Draw Byrne Creek	State of Wyoming Private	16N 16N	119W 117W 118W 115W	8 7
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615 616 617 618 619 620 621	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Dry No SEDIMENT ACE Mapscan Dry No BREACHED ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Wet Yes	41.38 41.38 41.38 41.38 41.38 41.38 41.38	-110.86 -110.66 -110.74 -110.33 -110.85 -110.34 -110.85	Phase II	Clear Creek-Shurtleff Creek Middle Albert Creek Middle Albert Creek Blacks Fork-Rollins Reservoir Clear Creek-Shurtleff Creek Blacks Fork-Rollins Reservoir Clear Creek-Shurtleff Creek	Rock House Haystack Draw Byrne Creek Hanblin Rock House Oaks Rock House	State of Wyoming Private BLM Private Private Private Private Private Private	16N 16N 16N 16N 16N 16N	119W 117W 118W 115W 119W 115W 119W	8 7 8 12 9 11
615 616 617 618 619 620 621 622	Unknown	ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Dry No SEDIMENT ACE Mapscan Dry No BREACHED ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Wet Yes ACE Mapscan Dry No SEDIMENT	41.38 41.38 41.38 41.38 41.38 41.38 41.38 41.38	-110.86 -110.66 -110.74 -110.33 -110.85 -110.34 -110.85 -110.51	Phase II	Clear Creek-Shurtleff Creek Middle Albert Creek Middle Albert Creek Blacks Fork-Rollins Reservoir Clear Creek-Shurtleff Creek Blacks Fork-Rollins Reservoir Clear Creek-Shurtleff Creek Rock Creek-Spring Creek	Rock House Haystack Draw Byrne Creek Hanblin Rock House Oaks Rock House Bridger Airport	State of Wyoming Private BLM Private Private Private Private Private BLM	16N 16N 16N 16N 16N 16N 16N	119W 117W 118W 115W 119W 115W 119W 119W 116W	8 7 8 12 9 11 9
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1.	ACE ID	Name	Source Condition Water Source Notes	Lattitude	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	т	R	S
The color										16N	118W	16
10	655	Unknown		41.36	-110.77	Phase II	Middle Albert Creek	Byrne Creek	BLM	16N	118W	18
Page	656	Unknown	ACE Mapscan Wet Yes	41.36	-110.34	Phase II	Blacks Fork-Rollins Reservoir	No Allotment	Private	16N	115W	14
Column									+		119W	13
Column									+		118W	13
Dec			' '								118W 114W	13 23
15 15 15 15 15 15 15 15								, , , , , , , , , , , , , , , , , , ,	+		115W	14
Property									+		114W	24
December Company Com	663	Unknown	ACE Mapscan Wet Yes	41.36	-110.82	Phase II	Middle Albert Creek	Byrne Creek	Private	16N	119W	22
Column	664	Unknown	ACE Mapscan Dry Potential Potential	41.36	-110.76	Phase II	Middle Albert Creek	Byrne Creek	Private	16N	118W	19
											118W	21
March March Sch March											116W	19
1970 1987									+		119W 114W	23
											114W	22
				_							116W	23
Proc. Proc	671	Unknown	ACE Mapscan Wet Yes	41.35	-110.28	Phase II	Blacks Fork-Rollins Reservoir	No Allotment	Private	16N	114W	20
Process Proc				_			Lower Smiths Fork-Blacks Fork		Private		114W	23
Company Comp									+		114W	19
CT Desput CE Magnes Oct Very											119W	22
Coloration Col											118W 114W	23
Difference									+		114W	24
Compose ACT Mangard Vest											117W	23
							·				117W	25
1950 University M. M. Meeters Web Web Web M. Meeters Web W	680	Unknown	ACE Mapscan Dry No BREACHED	41.34	-110.71	Phase II	Middle Albert Creek	Toms Draw	BLM	16N	118W	22
190 Unique 424 Margor We Ye											118W	27
									+		114W	27
									+		114W	27
Bit Unique											118W 115W	29 26
BFT									+		117W	27
							·	-	+		114W	27
Proceedings											118W	28
											113W	30
	690	Unknown	ACE Mapscan Wet Yes	41.34	-110.29	Phase II	Blacks Fork-Rollins Reservoir	No Allotment	Private	16N	114W	29
		Unknown		_		Phase II	Blacks Fork-Rollins Reservoir	No Allotment	Private	16N	114W	30
Description Color Magnetian West West West West West West Color Co									+		118W	28
											114W	26
1.00 Unknown A.S. Mappean West Yes 1.00			· ·	_					+		114W 117W	29 25
Fig. Unknown ACK Mapscan West Vest Section							·	_	+		117W	25
Columber											114W	29
Description Company Description Desc	698	Unknown		41.34		Phase II	Blacks Fork-Rollins Reservoir		Private	16N	114W	28
Process Company Comp	699	Unknown	ACE Mapscan Wet Yes	41.34	-110.24	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	114W	27
The Company	700		, ,	_		Phase II	Middle Albert Creek		Private	16N	118W	27
Unknown ACE Mapscan Wet Yes Wet Yes Middle Albert Creek Kemmerer Junction BLM 15N									+		114W	27
Well Reservoir ACE Mapscan Well Yes Yes Blocks Fork Source Covery Well Reservoir Private 1541 1705 1705 Unknown ACE Mapscan Well Yes S Well Yes 1541 1705 1				_							114W	28
The first content of the content o									+		118W 115W	26 28
Pos									-		115W	26
Description ACE Mapscan Wet Yes Wet Yes Wet Yes									+		119W	26
Unknown											119W	26
10	708	Unknown		41.33	-110.24	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	114W	26
Till			' '								118W	26
Till Unknown ACE Mapscan Wet Yes Wet Wet Wes Wet Yes Wet Yes Wet Wes Wet Yes Wet Wes Wet											114W	29
Tild									+		113W	28
Title											114W	27
T15				_							114W 115W	26 34
Tile							·		+		116W	29
Tild								-	_		114W	31
Tight Unknown ACE Mapscan Wet Yes Unknown ACE Mapscan Dry Potential Private 16N 170 Unknown ACE Mapscan Dry Potential Private 16N 170 Unknown ACE Mapscan Wet Yes		Unknown		41.33		Phase II		No Allotment	Private		114W	34
Total Tota	718	Unknown	ACE Mapscan Wet Yes	41.33	-110.25	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	114W	34
721UnknownACE MapscanWetYes41.33-110.20Phase IILower Cottonwood Creek-Blacks ForkChristensenPrivate16N15722UnknownACE MapscanWetYes8 lacks Fork-Rollins ReservoirNo AllotmentState of Wyoming16N16N723UnknownACE MapscanWetYes8 lacks Fork-Rollins ReservoirNo AllotmentPrivate16N16N724UnknownACE MapscanWetYes8 lacks Fork-Rollins ReservoirNo AllotmentPrivate16N16N725UnknownACE MapscanWetYes8 lacks Fork-Rollins ReservoirNo AllotmentPrivate16N16N726UnknownACE MapscanWetYes41.33-110.57Phase IIMuddy Creek-Mussleman CreekBigelow BenchPrivate16N16N727UnknownACE MapscanWetYes41.33-110.23Phase IILower Smiths Fork-Blacks ForkNo AllotmentPrivate16N16N727UnknownACE MapscanWetYes41.33-110.24Phase IILower Smiths Fork-Blacks ForkNo AllotmentPrivate16N16N				_							115W	36
722UnknownACE MapscanWetYesState of Wyoming16N1723UnknownACE MapscanWetYes16N1724UnknownACE MapscanWetYes16N1725UnknownACE MapscanWetYes16N1726UnknownACE MapscanWetYes16N1727UnknownACE MapscanWetYes16N1728UnknownACE MapscanWetYes16N1729UnknownACE MapscanWetYes16N1720UnknownACE MapscanWetYes16N1721UnknownACE MapscanWetYesNo AllotmentPrivate16N1722UnknownACE MapscanWetYesNo AllotmentPrivate16N1723UnknownACE MapscanWetYesNo AllotmentPrivate16N1									+		118W	34
723UnknownACE MapscanWetYes16.N17.24724UnknownACE MapscanWetYes41.33-110.28Phase IIBlacks Fork-Rollins ReservoirNo AllotmentPrivate16.N16.N725UnknownACE MapscanWetYes41.33-110.57Phase IIMuddy Creek-Mussleman CreekBigelow BenchPrivate16.N16.N726UnknownACE MapscanWetYes41.33-110.23Phase IILower Smiths Fork-Blacks ForkNo AllotmentPrivate16.N16.N17.0727UnknownACE MapscanWetYes41.33-110.24Phase IILower Smiths Fork-Blacks ForkNo AllotmentPrivate16.N16.N17.0											114W	36
T24 Unknown ACE Mapscan Wet Yes 16N 1725 Unknown ACE Mapscan Wet Yes 41.33 -110.28 Phase II Blacks Fork-Rollins Reservoir No Allotment Private 16N 1725 Unknown ACE Mapscan Wet Yes 16N 1726 Unknown ACE Mapscan Wet Yes 16N 1726 Unknown ACE Mapscan Wet Yes 16N 1727 Unknown											114W 114W	33 31
T25 Unknown ACE Mapscan Wet Yes Bigelow Bench Private 16N 2 T26 Unknown ACE Mapscan Wet Yes Service Se									+		114W	32
T26 Unknown ACE Mapscan Wet Yes No Allotment Private 16N 2 T27 Unknown ACE Mapscan Wet Yes No Allotment Private 16N 2 T28 Unknown ACE Mapscan Wet Yes No Allotment Private 16N 2 T29 Unknown ACE Mapscan Wet Yes No Allot											117W	35
727 Unknown ACE Mapscan Wet Yes 41.33 -110.24 Phase II Lower Smiths Fork-Blacks Fork No Allotment Private 16N 3							·				114W	35
		Unknown		41.33		Phase II		No Allotment	Private		114W	35
728 Unknown ACE Mapscan Wet Yes No Allotment Private 16N 3	728	Unknown	ACE Mapscan Wet Yes	41.33	-110.26	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	114W	34

ACE ID	Name	Source	Condition	Water Source	Notes	Lattitude	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	Т	R	S
729	Unknown	ACE Mapscan	Wet	Yes		41.33	-110.26	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	114W	33
730	Unknown	ACE Mapscan	Dry	No	SEDIMENT	41.33	-110.68	Phase II	Middle Albert Creek	Kemmerer Junction	State of Wyoming	16N	118W	36
731	Unknown	ACE Mapscan	Dry	No	SEDIMENT	41.33	-110.70	Phase II	Middle Albert Creek	Kemmerer Junction	BLM	16N	118W	34
732	Unknown	ACE Mapscan	Wet	Yes		41.33	-110.27	Phase II	Blacks Fork-Rollins Reservoir	No Allotment	State of Wyoming	16N	114W	33
733 734	Unknown	ACE Mapscan ACE Mapscan	Wet	Yes Yes		41.33 41.33	-110.25 -110.24	Phase II Phase II	Lower Smiths Fork-Blacks Fork Lower Smiths Fork-Blacks Fork	No Allotment No Allotment	Private	16N 16N	114W 114W	34 35
735	Unknown Unknown	ACE Mapscan	Wet Wet	Yes		41.33	-110.24	Phase II	Blacks Fork-Rollins Reservoir	No Allotment	Private Private	16N	114W	35
736	Unknown	ACE Mapscan	Dry	Potential		41.32	-110.69	Phase II	Middle Albert Creek	Kemmerer Junction	Private	16N	118W	35
737	Unknown	ACE Mapscan	Wet	Yes		41.32	-110.33	Phase II	Blacks Fork-Rollins Reservoir	No Allotment	Private	16N	115W	36
738	Unknown	ACE Mapscan	Wet	Yes		41.32	-110.24	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	114W	34
739	Unknown	ACE Mapscan	Wet	Yes		41.32	-110.24	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	114W	34
740	Unknown	ACE Mapscan	Wet	Yes		41.32	-110.34	Phase II	Blacks Fork-Rollins Reservoir	No Allotment	Private	16N	115W	35
741 742	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet	Yes		41.32 41.32	-110.52 -110.32	Phase II Phase II	Rock Creek-Spring Creek Blacks Fork-Rollins Reservoir	Bigelow Bench No Allotment	BLM Private	16N 16N	116W	32 36
742	Unknown	ACE Mapscan	Wet Wet	Yes Yes		41.32	-110.32	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	115W 114W	31
744	Unknown	ACE Mapscan	Wet	Yes		41.32	-110.25	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	114W	34
745	Unknown	ACE Mapscan	Dry	No	BREACHED	41.32	-110.74	Phase II	Upper Albert Creek	Toms Draw	BLM	16N	118W	32
746	Unknown	ACE Mapscan	Dry	No	SEDIMENT	41.32	-110.69	Phase II	Middle Albert Creek	Kemmerer Junction	Private	16N	118W	35
747	Unknown	ACE Mapscan	Wet	Yes		41.32	-110.31	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	114W	31
748	Unknown	ACE Mapscan	Dry	No	SEDIMENT	41.32	-110.67	Phase II	Muddy Creek-Mussleman Creek	Kemmerer Junction	State of Wyoming	16N	118W	36
749	Unknown	ACE Mapscan	Dry	No	SEDIMENT	41.32	-110.69	Phase II	Middle Albert Creek	Kemmerer Junction	Private	16N	118W	35
750	Unknown	ACE Manson	Wet	Yes		41.32	-110.32	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	115W	36
751 752	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.32	-110.70 -110.27	Phase II Phase II	Middle Albert Creek Lower Smiths Fork-Blacks Fork	Kemmerer Junction No Allotment	BLM Private	16N 16N	118W 114W	34 33
752	Unknown	ACE Mapscan	Wet	Yes		41.32 41.32	-110.27	Phase II	Lower Smiths Fork-Blacks Fork Lower Smiths Fork-Blacks Fork	No Allotment No Allotment	Private	16N	114W 114W	33
754	Unknown	ACE Mapscan	Wet	Yes		41.32	-110.23	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	16N	114W	31
755	Unknown	ACE Mapscan	Wet	Yes		41.32	-110.29	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	5
756	Unknown	ACE Mapscan	Wet	Yes		41.32	-110.30	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	6
757	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.25	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	3
758	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.25	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	3
759	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.31	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	6
760	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.19	Phase II	Lower Cottonwood Creek-Blacks Fork	Christensen	Private	15N	113W	6
761	Unknown	ACE Manson	Wet	Yes	SECONDATIVES NEW CHANNEL SETAMS TO SWIPT DESERVOID ON SE SIDE	41.31	-110.26	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	4
762 763	Unknown Unknown	ACE Mapscan ACE Mapscan	Dry Wet	No Yes	SEDIMENT? NEW CHANNEL SEEMS TO SKIRT RESERVOIR ON SE SIDE	41.31 41.31	-110.72 -110.42	Phase II Phase II	Upper Albert Creek Blacks Fork-Quarry Creek	Kemmerer Junction Fort Bridger	BLM Private	15N 15N	118W 115W	6
764	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.42	Phase II	Blacks Fork-Quarry Creek	No Allotment	Private	15N	115W	4
765	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.73	Phase II	Upper Albert Creek	Toms Draw	Private	15N	118W	4
766	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.43	Phase II	Blacks Fork-Quarry Creek	Fort Bridger	Private	15N	115W	6
767	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.25	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	3
768	Unknown	ACE Mapscan	Dry	No	SEDIMENT	41.31	-110.43	Phase II	Blacks Fork-Quarry Creek	Fort Bridger	Private	15N	116W	1
769	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.28	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	5
770	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.27	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	4
771 772	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes	WET IN TWO YEARS OF PHOTOGRAPHY	41.31 41.31	-110.27 -110.36	Phase II Phase II	Lower Smiths Fork-Blacks Fork Blacks Fork-Rollins Reservoir	No Allotment No Allotment	Private Private	15N 15N	114W 115W	3
773	Unknown	ACE Mapscan	Wet	Yes	WET IN TWO TEARS OF PHOTOGRAPHT	41.31	-110.36	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N 15N	114W	4
774	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.26	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	4
775	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.66	Phase II	Muddy Creek-Mussleman Creek	Kemmerer Junction	Private	15N	118W	1
776	Unknown	ACE Mapscan	Dry	No	BREACHED	41.31	-110.71	Phase II	Middle Albert Creek	Kemmerer Junction	Private	15N	118W	3
777	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.67	Phase II	Muddy Creek-Mussleman Creek	Kemmerer Junction	Private	15N	118W	1
778	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.24	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	2
779	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.28	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	5
780	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.26	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	4
781 782	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.31 41.31	-110.24 -110.74	Phase II Phase II	Lower Smiths Fork-Blacks Fork Upper Albert Creek	No Allotment Toms Draw	Private Private	15N 15N	114W 118W	3 5
783	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.74	Phase II	Muddy Creek-Mussleman Creek	Kemmerer Junction	Private	15N 15N	118W	1
784	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.38	Phase II	Blacks Fork-Quarry Creek	No Allotment	Private	15N	115W	4
785	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.52	Phase II	Rock Creek-Spring Creek	No Allotment	Private	15N	116W	5
786	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.27	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	4
787	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.26	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	3
788	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.26	Phase II	Lower Smiths Fork-Blacks Fork	No Allotment	Private	15N	114W	4
789	Unknown	ACE Mapscan	Wet	Yes		41.31	-110.26	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W	3
790	Unknown	ACE Mapscan	Wet	Yes		41.30	-110.26	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W	4
791 792	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.30 41.30	-110.75 -110.34	Phase II Phase II	Upper Albert Creek Lower Smiths Fork-Blacks Fork	Radio Tower No Allotment	Private Private	15N 15N	118W 115W	5 2
793	Unknown	ACE Mapscan	Dry	Potential		41.30	-110.54	Phase II	Muddy Creek-Mussleman Creek	Leroy	Private	15N	117W	3
794	Unknown	ACE Mapscan	Wet	Yes		41.30	-110.43	Phase II	Blacks Fork-Quarry Creek	Fort Bridger	Private	15N	115W	6
795	Unknown	ACE Mapscan	Wet	Yes		41.30	-110.38	Phase II	Blacks Fork-Quarry Creek	No Allotment	Private	15N	115W	4
796	Unknown	ACE Mapscan	Wet	Yes		41.30	-110.27	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W	4
797	Unknown	ACE Mapscan	Wet	Yes		41.30	-110.24	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W	3
798	Unknown	ACE Mapscan	Wet	Yes		41.30	-110.31	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W	6
799	Unknown	ACE Mapscan	Wet	Yes		41.30	-110.30	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W	6
800	Unknown	ACE Mapscan	Wet	Yes		41.30	-110.27	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W	9
801	Unknown	ACE Mapscan	Wet	Yes		41.30	-110.30	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W	7
	Unknown	ACE Managan	\\/ot			//1 2/1								
802 803	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.30 41.30	-110.29 -110.24	Phase II Phase II	Upper Smiths Fork Upper Smiths Fork	No Allotment No Allotment	Private Private	15N 15N	114W 114W	8 11

ACE ID	Name	Source Condition Water Source Notes	Lattitude	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	Т	R S
804	Unknown	ACE Mapscan Wet Yes	41.30	-110.28	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 9
805	Unknown	ACE Mapscan Dry No BREACHED	41.30	-110.24	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 10
806	Unknown	ACE Mapscan Wet Yes	41.30	-110.25	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 10
807	Unknown	ACE Mapscan Wet Yes	41.30	-110.28	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 8
808	Unknown	ACE Mapscan Wet Yes	41.30	-110.26	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 9
809	Unknown	ACE Mapscan Wet Yes	41.30	-110.25	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 10
810	Unknown	ACE Mapscan Wet Yes	41.30	-110.33	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W 12
811 812	Unknown Unknown	ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY ACE Mapscan Wet Yes	41.30 41.30	-110.60 -110.72	Phase II Phase II	Muddy Creek-Mussleman Creek Upper Albert Creek	Leroy Radio Tower	Private Private	15N 15N	117W 10 118W 9
813	Unknown	ACE Mapscan Dry No SEDIMENT	41.30	-110.72	Phase II	Upper Albert Creek	Toms Draw	Private	15N	118W 7
814	Unknown	ACE Mapscan Wet Yes	41.30	-110.67	Phase II	Muddy Creek-Mussleman Creek	Radio Tower	Private	15N	118W 12
815	Unknown	ACE Mapscan Wet Yes	41.30	-110.32	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W 12
816	Unknown	ACE Mapscan Wet Yes	41.30	-110.49	Phase II	Blacks Fork-Quarry Creek	Bridger Butte	Private	15N	116W 9
817	Unknown	ACE Mapscan Wet Yes	41.30	-110.31	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 7
818	Unknown	ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY	41.30	-110.55	Phase II	Rock Creek-Spring Creek	Spring Creek	Private	15N	117W 12
819	Unknown	ACE Mapscan Wet Yes	41.30	-110.77	Phase II	Upper Albert Creek	Radio Tower	Private	15N	118W 7
820 821	Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Wet Yes	41.30 41.30	-110.59 -110.42	Phase II Phase II	Muddy Creek-Mussleman Creek	Leroy	Private Private	15N 15N	117W 10 115W 7
822	Unknown	ACE Mapscan Wet Yes ACE Mapscan Wet Yes	41.30	-110.42	Phase II	Blacks Fork-Quarry Creek Muddy Creek-Mussleman Creek	Fort Bridger Leroy	BLM	15N	117W 8
823	Unknown	ACE Mapscan Wet Yes	41.30	-110.32	Phase II	Upper Smiths Fork	No Allotment	Private	15N	117W 3
825	Unknown	ACE Mapscan Wet Yes	41.30	-110.26	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 10
826	Unknown	ACE Mapscan Wet Yes	41.30	-110.28	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 9
827	Unknown	ACE Mapscan Wet Yes	41.30	-110.25	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 10
828	Unknown	ACE Mapscan Dry Potential	41.30	-110.64	Phase II	Muddy Creek-Mussleman Creek	Leroy	Private	15N	117W 7
829	Unknown	ACE Mapscan Wet Yes	41.29	-110.32	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 7
830	Unknown	ACE Mapscan Wet Yes	41.29	-110.81	Phase II	Upper Albert Creek	Hinshaw Creek	Private	15N	119W 11
831 832	Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Wet Yes	41.29 41.29	-110.25 -110.42	Phase II Phase II	Upper Smiths Fork Blacks Fork-Quarry Creek	No Allotment Fort Bridger	Private Private	15N 15N	114W 10 115W 7
833	Unknown	ACE Mapscan Dry No BREACHED	41.29	-110.42	Phase II	Upper Albert Creek	Hinshaw Creek	Private	15N 15N	119W /
834	Unknown	ACE Mapscan Wet Yes	41.29	-110.78	Phase II	Upper Albert Creek	Toms Draw	BLM	15N	119W 12
835	Unknown	ACE Mapscan Wet Yes	41.29	-110.32	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W 12
836	Unknown	ACE Mapscan Dry No BREACHED AND SEDIMENT	41.29	-110.65	Phase II	Muddy Creek-Mussleman Creek	Leroy	Private	15N	117W 7
837	Unknown	ACE Mapscan Wet Yes	41.29	-110.24	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 10
838	Unknown	ACE Mapscan Wet Yes	41.29	-110.25	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 10
839	Unknown	ACE Mapscan Dry Potential	41.29	-110.56	Phase II	Rock Creek-Spring Creek	Spring Creek	Private	15N	117W 12
840 841	Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Dry No SEDIMENT	41.29 41.29	-110.49 -110.53	Phase II Phase II	Blacks Fork-Quarry Creek	Nebraska Flat Spring Creek	Private Private	15N 15N	116W 9 116W 7
842	Unknown	ACE Mapscan Dry Potential	41.29	-110.53	Phase II	Rock Creek-Spring Creek Upper Albert Creek	Hinshaw Creek	BLM	15N	119W 7
843	Unknown	ACE Mapscan Wet Yes	41.29	-110.42	Phase II	Blacks Fork-Quarry Creek	Fort Bridger	Private	15N	115W 7
844	Unknown	ACE Mapscan Wet Yes	41.29	-110.25	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 10
845	Unknown	ACE Mapscan Wet Yes	41.29	-110.41	Phase II	Blacks Fork-Quarry Creek	No Allotment	Private	15N	115W 8
846	Unknown	ACE Mapscan Wet Yes	41.29	-110.26	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 10
847	Unknown	ACE Mapscan Dry No SEDIMENT	41.29	-110.72	Phase II	Upper Albert Creek	Radio Tower	Private	15N	118W 9
848	Unknown	ACE Mapscan Wet Yes	41.29	-110.33	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W 12
849 850	Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Wet Yes	41.29 41.29	-110.26 -110.34	Phase II Phase II	Upper Smiths Fork Upper Smiths Fork	No Allotment No Allotment	Private Private	15N 15N	114W 9 115W 11
851	Unknown	ACE Mapscan Wet Yes	41.29	-110.43	Phase II	Blacks Fork-Quarry Creek	Fort Bridger	Private	15N	116W 12
852	Unknown	ACE Mapscan Wet Yes	41.29	-110.34	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W 14
853	Unknown	ACE Mapscan Wet Yes	41.29	-110.43	Phase II	Blacks Fork-Quarry Creek	Fort Bridger	Private	15N	116W 13
854	Unknown	ACE Mapscan Wet Yes	41.29	-110.26	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W 15
855	Unknown	ACE Mapscan Dry No SEDIMENT	41.29	-110.72	Phase II	Upper Albert Creek	Radio Tower	Private	15N	118W 9
856	Unknown	ACE Mapscan Wet Yes	41.29	-110.36	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W 15
857 858	Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Dry No BREACHED, GOOD EXAMPLE	41.29 41.29	-110.67 -110.79	Phase II Phase II	Muddy Creek-Mussleman Creek Upper Albert Creek	Radio Tower Altamont	Private BLM	15N 15N	118W 13 119W 13
859	Unknown	ACE Mapscan Dry No SEDIMENT	41.29	-110.79	Phase II	Upper Albert Creek	Radio Tower	Private	15N 15N	119W 13
860	Unknown	ACE Mapscan Dry No SEDIMENT	41.29	-110.68	Phase II	Muddy Creek-Mussleman Creek	No Allotment	Private	15N	118W 14
861	Unknown	ACE Mapscan Dry Potential	41.28	-110.44	Phase II	Blacks Fork-Quarry Creek	Bridger Butte	Private	15N	116W 13
862	Unknown	ACE Mapscan Wet Yes	41.28	-110.36	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W 15
863	Unknown	ACE Mapscan Wet Yes	41.28	-110.34	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W 14
864	Unknown	ACE Mapscan Wet Yes	41.28	-110.51	Phase II	Blacks Fork-Quarry Creek	Nebraska Flat	Private	15N	116W 17
865	Unknown	ACE Mapscan Wet Yes	41.28	-110.51	Phase II	Blacks Fork Quarry Creek	No Allotment	Private	15N	116W 17
866 867	Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Wet Yes	41.28 41.28	-110.43 -110.74	Phase II Phase II	Blacks Fork-Quarry Creek Upper Albert Creek	No Allotment No Allotment	Private Private	15N 15N	115W 18 118W 17
868	Unknown	ACE Mapscan Wet Yes	41.28	-110.75	Phase II	Upper Albert Creek	No Allotment	Private	15N	118W 17
869	Unknown	ACE Mapscan Wet Yes	41.28	-110.60	Phase II	Muddy Creek-Mussleman Creek	Little Creek	Private	15N	117W 15
870	Unknown	ACE Mapscan Wet Yes	41.28	-110.36	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W 15
871	Unknown	ACE Mapscan Dry No SEDIMENT	41.28	-110.79	Phase II	Upper Albert Creek	Altamont	Private	15N	119W 13
872	Unknown	ACE Mapscan Wet Yes	41.28	-110.51	Phase II	Blacks Fork-Quarry Creek	No Allotment	Private	15N	116W 17
873	Unknown	ACE Mapscan Wet Yes	41.28	-110.53	Phase II	Rock Creek-Spring Creek	Spring Creek	Private	15N	116W 18
874 875	Unknown Unknown	ACE Mapscan Dry Potential ACE Mapscan Wet Yes	41.28 41.28	-110.52 -110.73	Phase II Phase II	Blacks Fork-Quarry Creek Upper Albert Creek	No Allotment Radio Tower	Private State of Wyoming	15N 15N	116W 17 118W 16
	Unknown	ACE Mapscan Wet Yes	41.28	-110.73	Phase II	Antelope Creek	Little Creek	Private	15N 15N	117W 16
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876 877	Unknown	ACE Mapscan Wet Yes	41.28	-110.41	Phase II	Blacks Fork-Quarry Creek	No Allotment	Private	15N	115W 17
	Unknown Unknown	ACE Mapscan Wet Yes ACE Mapscan Wet Yes	41.28 41.28	-110.41 -110.24	Phase II Phase II	Blacks Fork-Quarry Creek Upper Smiths Fork	No Allotment No Allotment	Private Private	15N 15N	115W 17 114W 14
877				+ +				+		1

1. 1. 1. 1. 1. 1. 1. 1.	ACE ID	Name	Source Condition Water Source Notes	Lattitude	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	Т	R	S
										15N	119W	13
	_	Unknown		41.28		Phase II	Upper Albert Creek	Radio Tower	State of Wyoming		118W	16
	883	Unknown	' '	41.28	-110.73	Phase II	Upper Albert Creek	Radio Tower	State of Wyoming	15N	118W	16
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			' land and the state of the sta				·					
Column C			,									
Section Sect							·					
												16
Decompose St. Western St	890	Unknown	ACE Mapscan Wet Yes WET IN TWO YEARS OF PHOTOGRAPHY	41.28	-110.54	Phase II	Rock Creek-Spring Creek	Spring Creek	Private	15N	116W	18
March Section 1979 1970 197	891	Unknown	ACE Mapscan Wet Yes	41.27	-110.26	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W	15
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December Color C	_								+		+	
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10 10 10 10 10 10 10 10	_								+		+	
Column	899	Unknown	ACE Mapscan Wet Yes	41.27	-110.31	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W	19
Section Column											+	
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Page Company			· · · · · · · · · · · · · · · · · · ·				•					
December Al Macrons Ury No. Depth Al Macrons Ury No. Depth Depth No. Depth							·				+	
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1975 1985			' '				·					24
Street			' la						+		+	21
10 10 10 10 10 10 10 10	908	Unknown		41.26		Phase II	Upper Albert Creek	The Boilers Draw	BLM	15N		20
December Miller			'				·		+			20
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Mile Mellerom Aff Mayors We We We We We We Mellerom Aff Mayors Mellerom M			' '				• • • • • • • • • • • • • • • • • • • •					
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15 Universe ACT Missace Well Yes Well Yes Control									+		+	
Process												
198			· · · · · · · · · · · · · · · · · · ·									
1985 Unknown ASS Magnar No. 1985 March 1985 Anthropo Cont. 1985 March 1985	917	Unknown	ACE Mapscan Wet Yes	41.26	-110.32	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W	24
		Unknown	· · · · · · · · · · · · · · · · · · ·			Phase II	·	No Allotment	Private	15N		21
1912 Unknown ACK Magnam Vert			'				·		+		+	
			' land and the state of the sta									
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									+		+	
Dufnown		Unknown	' la	41.26				No Allotment	Private	15N		30
Unknown	926	Unknown	ACE Mapscan Dry No SEDIMENT	41.26	-110.22	Phase II	Little Dry Creek-Smiths Fork	Poverty Flat	BLM	15N	114W	25
Unknown AEE Mapscan Wet Yes Unper Smiths Fork No Allorment Private 15N 104W 30 30 30 30 30 30 30 3			· · · · · · · · · · · · · · · · · · ·									
Unknown							11 6 31 5 1		 		+	
Unknown ACE Mapscan Wet Yes SDMENT 4125 3110,00 Phase II Blacks rock-pary Creek No Allotment Private 15N 119W 29 29 20 20 20 20 20 20			' la									
Onlinown ACE Mapscan Dry No SEDIMENT 118W 27							,				+	29
Unknown ACE Mapscan Dry No SDIMENT SDIMENT 110,70 Phase I Antelope Creek Myers Private 15N 18W 27 18W 28 18									+			
936	934	Unknown				Phase II	Antelope Creek	Myers	Private	15N	118W	27
Second S			'						+			
Unknown ACE Mapscan Wet Yes Wet Wes Wet Wes Wet Wes Wet Yes Wet Wes Wet			' '									
Unknown ACE Mapscan Wet Yes Unknown ACE Mapscan Wet Yes Wet Yes Modelment Private 15N 115W 25							·		+			
940 Unknown ACE Mapscan Wet Yes Wet Yes Wet Yes Model Alizer							·		+		+	
941 Unknown ACE Mapscan Wet Yes Wet Yes 15N 115W 26												26
942 Unknown ACE Mapscan Wet Yes Wet Yes Wet Yes 15N 116W 29			· · · · · · · · · · · · · · · · · · ·				·					
944 Unknown ACE Mapscan Dry No SEDIMENT SEDIMENT 118W 28 945 Unknown ACE Mapscan Wet Yes Yes 110.36 Phase I Upper Albert Creek The Boilers Draw BLM 15N 118W 28 946 Unknown ACE Mapscan Dry Potential Private 15N 115W 27 946 Unknown ACE Mapscan Dry Potential Private 15N 115W 28 947 Unknown ACE Mapscan Wet Yes Wes We		Unknown							Private		+	
Unknown ACE Mapscan Wet Yes Yes Tish Tish 115W 27												29
946UnknownACE MapscanDryPotential15N116W28947UnknownACE MapscanWetYes15N115W28948UnknownACE MapscanWetYes15N115W28949UnknownACE MapscanWetYes15N115W25950UnknownACE MapscanWetYes15N116W25951UnknownACE MapscanWetYes15N116W34952UnknownACE MapscanWetYes15N116W34953UnknownACE MapscanWetYes15N116W34954UnknownACE MapscanWetYes15N116W34955UnknownACE MapscanWetYes15N116W34955UnknownACE MapscanWetYes15N116W34955UnknownACE MapscanWetYes15N116W34956UnknownACE MapscanWetYes15N116W34957UnknownACE MapscanWetYes15N116W34958UnknownACE MapscanWetYes15N117W35954UnknownACE MapscanWetYes15N115W33									<u> </u>		+	
947UnknownACE MapscanWetYes15N115W28948UnknownACE MapscanWetYes15N115W25949UnknownACE MapscanWetYes15N115W25950UnknownACE MapscanWetYes15N116W25951UnknownACE MapscanWetYes15N116W25951UnknownACE MapscanWetYes15N116W34952UnknownACE MapscanWetYes15N116W34953UnknownACE MapscanWetYes15N116W31954UnknownACE MapscanWetYes15N116W34953UnknownACE MapscanWetYes15N116W34954UnknownACE MapscanWetYes15N116W35954UnknownACE MapscanWetYes15N116W35954UnknownACE MapscanWetYes15N117W35955UnknownACE MapscanWetYes15N116W34953UnknownACE MapscanDryPotentialPotentialMuddy Creek-Mussleman CreekLittle CreekPrivate15N117W35954UnknownACE MapscanWetYesYes15N115W33									+		+	27
948UnknownACE MapscanWetYes115W25949UnknownACE MapscanWetYes15N115W25950UnknownACE MapscanWetYes15N116W25951UnknownACE MapscanWetYes15N116W34951UnknownACE MapscanWetYes15N116W34952UnknownACE MapscanWetYes15N116W31953UnknownACE MapscanWetYes15N116W34953UnknownACE MapscanWetYes15N116W34954UnknownACE MapscanDryPotential15N117W35954UnknownACE MapscanWetYes15N117W35954UnknownACE MapscanWetYes15N115W33									<u> </u>			
949UnknownACE MapscanWetYes116W25950UnknownACE MapscanWetYes15N116W25951UnknownACE MapscanWetYes15N116W34951UnknownACE MapscanWetYes15N116W34952UnknownACE MapscanWetYes15N116W31953UnknownACE MapscanWetYes15N116W34953UnknownACE MapscanDryPotential15N116W34954UnknownACE MapscanDryPotential15N117W35954UnknownACE MapscanWetYes15N115W33									+		+	
950 Unknown ACE Mapscan Wet Yes 951 Unknown ACE Mapscan Wet Yes 951 Unknown ACE Mapscan Wet Yes 952 Unknown ACE Mapscan Wet Yes 953 Unknown ACE Mapscan Wet Yes 954 Unknown ACE Mapscan Wet Yes 955 Unknown ACE Mapscan Dry Potential 955 Unknown ACE Mapscan Wet Yes 955 Unknown ACE Mapscan												25
951 Unknown ACE Mapscan Wet Yes 952 Unknown ACE Mapscan Wet Yes 953 Unknown ACE Mapscan Wet Yes 954 Unknown ACE Mapscan Dry Potential 955 Unknown ACE Mapscan Dry Potential 955 Unknown ACE Mapscan Wet Yes 955 Unknown ACE Mapscan Dry Potential 955 Unknown ACE Mapscan Wet Yes 955 Unknown ACE Mapscan Dry Potential 955 Unknown ACE Mapscan Wet Yes 955 Un			' la									
953 Unknown ACE Mapscan Dry Potential 15N 117W 35 954 Unknown ACE Mapscan Wet Yes 954 Unknown ACE Mapscan Wet Yes 955 Unknown ACE Mapscan Wet Yes 956 Unknown ACE Mapscan Wet Yes 957 Unknown 958 Unknown 959 Unkn									+		+	
954 Unknown ACE Mapscan Wet Yes 41.24 -110.39 Phase II Upper Smiths Fork No Allotment Private 15N 115W 33		Unknown	ACE Mapscan Wet Yes			Phase II		No Allotment	Private			34
							·		+			35
Unknown ALE Mapscan Wet Yes 110.31 Phase II Upper Smiths Fork No Allotment Private 15N 114W 31												
	955	Unknown	ACE Mapscan Wet Yes	41.24	-110.31	Phase II	Upper Smiths Fork	No Allotment	Private	15N	114W	31

The color	ACE ID	Name	Source	Condition	Water Source	Notes Lattitud	a Longitue	e Phase	HUC 12 Name	Allotment	Land Owner	т	D	S
The state												15N	115W	34
Column C			· ·				_	-						32
Column	958	Unknown	ACE Mapscan	Wet	Yes	41.24	-110.33	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W	36
March Marc			· ·				_	-		,				35
Column							_	_						35
December Company Com				,			_							35 31
Column			· ·				_		·	, ,			-	32
December Colonic Col			· ·				_	_					-	36
Part	965	Unknown	ACE Mapscan	Dry	No	SEDIMENT 41.24	-110.66	Phase II	Antelope Creek	Meeks Cabin	Private	15N	117W	31
March Column Co		Unknown	ACE Mapscan	Wet	Yes	41.24	-110.48	Phase II	Blacks Fork-Sixmile Creek	No Allotment	Private	15N	116W	34
December Personal Content							_	_						34
Column			-				_	_	,					36
							_		·				-	33 35
The color							_							32
Proceedings			<u> </u>					_						36
Columb	974	Unknown	ACE Mapscan	Wet	Yes	41.23	-110.50	Phase II	Blacks Fork-Sixmile Creek	No Allotment	Private	15N	116W	33
1975 Colores Al Congress Colores Col				Wet	Yes		_		Blacks Fork-Sixmile Creek		Private			34
December Column			· ·											35
Process							_	_						34
Section Act							_							31 36
Description Contract Contra			· ·											34
Discount Sch Marcon Dr. 10 100							_							36
Color Colo	982	Unknown	ACE Mapscan	Wet	Yes	41.23	-110.41	Phase II	Upper Smiths Fork	No Allotment	Private	15N	115W	32
1985 Outleane	983	Unknown	ACE Mapscan	Dry	No		-110.79	Phase II	Upper Albert Creek	No Allotment	State of Wyoming	15N	119W	36
Delineary Aff Magazia West Pro							_	_	• •					34
Delices							_	_						34
Columb C							_	_	• •					34 2
Section Continued Person Continued Conti							_	_						3
Section ACM Margane West Ves Section			· ·				_	_						5
Page	990	Unknown	ACE Mapscan	Wet	Yes	41.23	-110.37	Phase II	Upper Smiths Fork	No Allotment	Private	14N	115W	3
1956 Unknown AFT Magazia Oy No O'DIMPRT 1970				Wet	Yes		_				Private			4
Process			· ·				_	_						1
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1000		Unknown					_	_	• •	No Allotment				2
1001 Unknown ACK Mapscan West Yes	999	Unknown	ACE Mapscan	Wet	Yes	41.22	-110.47	Phase II	Blacks Fork-Sixmile Creek	No Allotment	Private	14N	116W	2
1002 Uninown ACE Magners Wet Yes Wes 41.22 11.046 Phose II Blacks Ford-Samine Creek No Aclotment Private 141. 116W 1000							_							1
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Display			· ·											6
1005 Unknown ACE Mapscan Wet Yes Wes State 11044 Phase I Black Fork Samile Creek No Allotment Private 14N 110W 1007 Unknown ACE Mapscan Wet Yes Medical Wes Wes Medical			· ·				_		·					1
1077 Unknown ACE Mapscan Wet Yes Wet Yes Mark M							_							1
Unknown ACM Mapscan West Yes West Yes 1.0.5 Phase II Upper Smiths Fork No. Allofrment Private 1440 1.10		Unknown	· ·				-110.80	Phase II	Upper Albert Creek	No Allotment	Private			2
Unknown ACE Majscan Wet Yes Wet Yes Blacks fork-Swille Creek No Alloment Private 14N 110W 1011 Unknown ACE Majscan Wet Yes			-					_						1
1010 Unknown ACE Mapscan Wet Yes Wet Yes 1.04 Member Me							_	_						3
1011 Unknown ACE Mapscan Wet Yes Yes 1018 1108							_	-						1
10.13							_	_						1
1014 Unknown							_	-						1
1017							_	-	·					1
1019 Unknown ACE Mapscan Wet Yes Wet	1015	Unknown	ACE Mapscan	Dry	Potential		_	Phase II	Muddy Creek-Little Creek	Spring Creek	Private	14N	117W	1
1020 Unknown ACE Mapscan Wet Yes			· ·				_	_						4
1021 Unknown ACE Mapscan Wet Yes 11035 Phase Upper Smiths Fork Tipperary Private 14N 115W 11022 Unknown ACE Mapscan Dry No SEDIMENT 1023 Unknown ACE Mapscan Dry No SEDIMENT 11033 Unknown ACE Mapscan Dry No SEDIMENT 11034 11070 Phase Muddy Creek-Little Creek Myers BLM 14N 118W 11024 Unknown ACE Mapscan Wet Yes Wet Yes Wet 121 110.63 Phase Muddy Creek-Little Creek Meks Cabin Private 14N 117W 11025 Unknown ACE Mapscan Wet Yes Wet			· ·				_	_						4
1022 Unknown ACE Mapscan Dry No SEDIMENT 14.00									• •					4
1023			· ·											2
1024 Unknown ACE Mapscan Wet Yes Wet Wes Wet Yes Wet Wes Wet Wes Wet Yes Wet Wes Wes Wet Wes			· ·	-					,					2
1025 Unknown ACE Mapscan Wet Yes Wes Yes Wes			-				_	_	,					8
1027 Unknown ACE Mapscan Dry No BREACHED 14N 116W 12N 1028 Unknown ACE Mapscan Wet Yes Yes Weeks Cabin BLM 14N 115W 12N 14N 115W 12N 14N	1025	Unknown	ACE Mapscan			41.21	-110.54	Phase II	·	Spring Creek	Private			7
1028UnknownACE MapscanWetYesMo AllotmentPrivate14N115W91029UnknownACE MapscanDryPotential41.21-110.66Phase IIMuddy Creek-Little CreekMeeks CabinBLM14N118W11030UnknownACE MapscanWetYes41.21-110.36Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W11031UnknownACE MapscanWetYes41.21-110.38Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W11032Little Piedmont ReservoirACE MapscanWetYes41.21-110.62Phase IIUpper Smiths ForkNo AllotmentPrivate14N117W21033UnknownACE MapscanWetYes41.21-110.38Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W11034UnknownACE MapscanWetYes41.21-110.35Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W11034UnknownACE MapscanWetYesYes41.21-110.35Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W1			<u> </u>	Wet				_	• •					11
1029UnknownACE MapscanDryPotential14.0118W141030UnknownACE MapscanWetYes41.21-110.36Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W11031UnknownACE MapscanWetYes41.21-110.38Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W11032Little Piedmont ReservoirACE MapscanWetYes41.21-110.62Phase IIUpper Smiths ForkNo AllotmentPrivate14N117W31033UnknownACE MapscanWetYes41.21-110.38Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W11034UnknownACE MapscanWetYes41.21-110.35Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W11034UnknownACE MapscanWetYesYes41.21-110.35Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W1							_	_						8
1030UnknownACE MapscanWetYesMo AllotmentPrivate14N115W11031UnknownACE MapscanWetYesUpper Smiths ForkNo AllotmentPrivate14N115W11032Little Piedmont ReservoirACE MapscanWetYesUpper Smiths ForkNo AllotmentPrivate14N115W11033UnknownACE MapscanWetYes41.21-110.62Phase IIUpper Smiths ForkNo AllotmentPrivate14N117W11034UnknownACE MapscanWetYes41.21-110.35Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W11034UnknownACE MapscanWetYes41.21-110.35Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W1							_		• •					9
1031UnknownACE MapscanWetYesNo AllotmentPrivate14N115W91032Little Piedmont ReservoirACE MapscanWetYes41.21-110.62Phase IIMuddy Creek-Little CreekMeeks CabinPrivate14N117W81033UnknownACE MapscanWetYes41.21-110.38Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W91034UnknownACE MapscanWetYes41.21-110.35Phase IIUpper Smiths ForkNo AllotmentPrivate14N115W1							_		*					12 10
Little Piedmont Reservoir ACE Mapscan Wet Yes 41.21 -110.62 Phase II Muddy Creek-Little Creek Meeks Cabin Private 14N 117W 100 1103 Unknown ACE Mapscan Wet Yes 41.21 -110.38 Phase II Upper Smiths Fork No Allotment Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 115W 11034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Uppe			· ·											9
1034 Unknown ACE Mapscan Wet Yes 41.21 -110.35 Phase II Upper Smiths Fork Tipperary Private 14N 115W 1							_							8
							_		*					9
1035 Unknown ACE Mapscan Wet Yes			· ·				_							11
	1035	Unknown	ACE Mapscan	Wet	Yes	41.21	-110.36	Phase II	Upper Smiths Fork	No Allotment	Private	14N	115W	10

1036	Name	Source Con	ndition Water Sou	rea Notes	Lattitudo	Longitudo	Phase	HUC 12 Name	Allotment	Land Owner	Т	D	S
	Unknown		Wet Yes	Le Notes	41.20	-110.37	Phase II	Upper Smiths Fork	No Allotment	Private	14N	115W	10
1037	Unknown	· · · · · ·	Wet Yes		41.20	-110.37	Phase II	Upper Smiths Fork	No Allotment	Private	14N	115W	10
1038	Unknown	· · · · · ·	Wet Yes		41.20	-110.36	Phase II	Upper Smiths Fork	No Allotment	Private	14N	115W	10
1039	Unknown		Wet Yes		41.20	-110.38	Phase II	Upper Smiths Fork	No Allotment	Private	14N	115W	9
1040	Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes		41.20	-110.36	Phase II	Upper Smiths Fork	No Allotment	Private	14N		10
1041	Unknown	· '	Wet Yes		41.20	-110.42	Phase II	Upper Smiths Fork	No Allotment	Private	14N	115W	7
1042 1043	Unknown	· · · · · · · · · · · · · · · · · · ·	Dry Potentia		41.20 41.20	-110.70	Phase II	Muddy Creek-Little Creek	Myers Maaks Cabin	Private	14N 14N		10 12
1043	Unknown Unknown	· · ·	Wet Yes Wet Yes		41.20	-110.68 -110.76	Phase II Phase II	Muddy Creek-Little Creek Antelope Creek	Meeks Cabin Aspen	Private Private	14N 14N	118W	7
1045	Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes		41.20	-110.37	Phase II	Upper Smiths Fork	No Allotment	Private	14N		15
1046	Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes		41.20	-110.51	Phase II	Blacks Fork-Sixmile Creek	No Allotment	Private	14N		16
1047	Unknown	ACE Mapscan V	Wet Yes		41.20	-110.71	Phase II	Muddy Creek-Little Creek	Myers	Private	14N	118W	15
1048	Unknown	ACE Mapscan V	Wet Yes		41.20	-110.48	Phase II	Blacks Fork-Sixmile Creek	No Allotment	Private	14N	116W	15
1049	Unknown	· · · · · · · · · · · · · · · · · · ·	Dry No	BREACHED	41.20	-110.32	Phase II	Little Dry Creek-Smiths Fork	Gourley	Private	14N		13
1050	Unknown		Dry No	SEDIMENT	41.20	-110.62	Phase II	Muddy Creek-Little Creek	No Allotment	State of Wyoming	14N		16
1051 1052	Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes Dry No	BREACHED	41.20 41.20	-110.44 -110.69	Phase II Phase II	Upper Smiths Fork	No Allotment Meeks Cabin	Private State of Wyoming	14N 14N		13 14
1053	Unknown	· · · · · ·	Dry No	SEDIMENT	41.20	-110.60	Phase II	Muddy Creek-Little Creek Muddy Creek-Little Creek	No Allotment	Private	14N		15
1054	Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes		41.19	-110.42	Phase II	Upper Smiths Fork	No Allotment	Private	14N		18
1055	Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes	<u> </u>	41.19	-110.42	Phase II	Upper Smiths Fork	No Allotment	Private	14N		18
1056	Unknown	ACE Mapscan V	Wet Yes		41.19	-110.37	Phase II	Upper Smiths Fork	No Allotment	Private	14N	115W	15
1057	Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes		41.19	-110.38	Phase II	Upper Smiths Fork	No Allotment	Private	14N		16
1058	Unknown	· · · · · · · · · · · · · · · · · · ·	Dry No	BREACHED	41.19	-110.59	Phase II	Muddy Creek-Little Creek	No Allotment	Private	14N		15
1059	Unknown	· '	Wet Yes		41.19	-110.55	Phase II	Muddy Creek-Little Creek	No Allotment	Private	14N		13
1060 1061	Unknown Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes Wet Yes		41.19 41.19	-110.75 -110.75	Phase II Phase II	Antelope Creek Antelope Creek	Myers Myers	Private Private	14N 14N		17 17
1061	Unknown	· · · · · ·	Wet Yes		41.19	-110.75	Phase II	Willow Creek-Yellow Hollow Creek	No Allotment	Private	14N 14N	116W	13
1063	Unknown	· · · · · ·	Dry No	BREACHED, LOOK PURPOSELY BREACHED TO DIRECT WATER IN CERTAIN DIRECTIONS	41.19	-110.34	Phase II	Little Dry Creek-Smiths Fork	Gourley	Private	14N		14
1064	Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes		41.19	-110.47	Phase II	Upper Smiths Fork	No Allotment	Private	14N		14
1065	Unknown	ACE Mapscan V	Wet Yes		41.19	-110.39	Phase II	Upper Smiths Fork	No Allotment	Private	14N	115W	16
1066	Unknown	ACE Mapscan [Dry Potentia		41.19	-110.55	Phase II	Muddy Creek-Little Creek	No Allotment	Private	14N		13
1067	Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes		41.19	-110.45	Phase II	Willow Creek-Yellow Hollow Creek	No Allotment	Private	14N		13
1068	Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes		41.19	-110.34	Phase II	Little Dry Creek-Smiths Fork	Gourley	Private	14N		14
1069 1070	Unknown Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes Dry No	BREACHED, LOOK PURPOSELY BREACHED TO DIRECT WATER IN CERTAIN DIRECTIONS	41.19 41.19	-110.37 -110.35	Phase II Phase II	Upper Smiths Fork Little Dry Creek-Smiths Fork	No Allotment Gourley	Private Private	14N 14N		15 23
1071	Unknown	· · · · · · · · · · · · · · · · · · ·	Wet Yes	BREACHED, COOK ON ONE OFFICE WATER IN CERTAIN DIRECTIONS	41.19	-110.40	Phase II	Upper Smiths Fork	No Allotment	Private	14N		20
1072	Unknown	· · · · · ·	Dry No	SEDIMENT	41.19	-110.62	Phase II	Muddy Creek-Little Creek	Moss Creek	Private	14N		21
1073	Unknown	ACE Mapscan	Dry No	BREACHED, LOOK PURPOSELY BREACHED TO DIRECT WATER IN CERTAIN DIRECTIONS	41.19	-110.34	Phase II	Little Dry Creek-Smiths Fork	Gourley	Private	14N	115W	23
1074	Unknown	ACE Mapscan V	Wet Yes		41.18	-110.40	Phase II	Upper Smiths Fork	No Allotment	Private	14N		20
1075	Unknown	· '	Wet Yes		41.18	-110.46	Phase II	Upper Smiths Fork	No Allotment	Private	14N		23
1076 1077	Unknown Piedmont Reservoir	'	Wet Yes		41.18 41.18	-110.47 -110.65	Phase II	Upper Smiths Fork	No Allotment Meeks Cabin	Private	14N 14N		23
1077	Unknown	· · ·	Wet Yes Dry No	BREACHED	41.18	-110.65	Phase II Phase II	Muddy Creek-Little Creek Antelope Creek	Myers	Private Private	14N 14N		19 19
1080	Unknown	· ·	Wet Yes		41.18	-110.46	Phase II	Willow Creek-Yellow Hollow Creek	No Allotment	Private	14N		23
1081	Unknown	ACE Mapscan	Dry Potentia		41.18	-110.60	Phase II	Muddy Creek-Little Creek	No Allotment	Private	14N	117W	22
1082	Unknown	ACE Mapscan V	Wet Yes		41.18	-110.45	Phase II	Willow Creek-Yellow Hollow Creek	No Allotment	Private	14N	116W	23
1083	Unknown	'	Wet Yes		41.18	-110.40	Phase II	Upper Smiths Fork	No Allotment	Private	14N		20
1084	Unknown	· · · · · · · · · · · · · · · · · · ·	Dry No	BREACHED, LOOK PURPOSELY BREACHED TO DIRECT WATER IN CERTAIN DIRECTIONS	41.18	-110.35	Phase II	Little Dry Creek-Smiths Fork	Gourley	Private	14N	115W	23
1085 1086	Unknown Unknown	· '	Wet Yes Wet Yes		41.18 41.18	-110.38 -110.56	Phase II Phase II	Upper Smiths Fork Muddy Creek-Little Creek	No Allotment Hague Creek	Private BLM	14N 14N		21
1087	Unknown		Dry No	SEDIMENT	41.18	-110.36	Phase II	Muddy Creek-Little Creek Muddy Creek-Little Creek	Meeks Cabin	BLM	14N 14N		22
1088	Unknown	· · · · · · · · · · · · · · · · · · ·	Dry No	BREACHED, LOOK PURPOSELY BREACHED TO DIRECT WATER IN CERTAIN DIRECTIONS	41.18	-110.35	Phase II	Little Dry Creek-Smiths Fork	Gourley	Private	14N		23
1089	Unknown		Dry No	BREACHED	41.18	-110.69	Phase II	Muddy Creek-Little Creek	Meeks Cabin	Private	14N	118W	23
	Unknown					-110.46	Phase II	Willow Creek-Yellow Hollow Creek	No Allotment	Private	14N	116W	23
1090		· '	Wet Yes		41.18			Manufalla Connella Little Connella					
1090 1091	Unknown	ACE Mapscan	Dry No	BREACHED	41.18	-110.61	Phase II	Muddy Creek-Little Creek	Moss Creek	Private	14N		21
1090 1091 1092	Unknown Unknown	ACE Mapscan [ACE Mapscan V	Dry No Wet Yes	BREACHED	41.18 41.18	-110.40	Phase II	Upper Smiths Fork	Coyote Hollow	Private	14N	115W	20
1090 1091 1092 1093	Unknown Unknown Unknown	ACE Mapscan V ACE Mapscan V ACE Mapscan V	Dry No Wet Yes Wet Yes		41.18 41.18 41.18	-110.40 -110.46	Phase II Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek	Coyote Hollow No Allotment	Private Private	14N 14N	115W 116W	20 23
1090 1091 1092	Unknown Unknown	ACE Mapscan II ACE Mapscan V ACE Mapscan V ACE Mapscan II	Dry No Wet Yes Wet Yes Dry No	BREACHED SEDIMENT SEDIMENT	41.18 41.18	-110.40	Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek Upper Smiths Fork	Coyote Hollow	Private	14N	115W 116W 115W	20
1090 1091 1092 1093 1094	Unknown Unknown Unknown Unknown	ACE Mapscan II ACE Mapscan V ACE Mapscan V ACE Mapscan II ACE Mapscan II ACE Mapscan II	Dry No Wet Yes Wet Yes Dry No	SEDIMENT	41.18 41.18 41.18 41.17	-110.40 -110.46 -110.40	Phase II Phase II Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek	Coyote Hollow No Allotment Coyote Hollow	Private Private Private	14N 14N 14N	115W 116W 115W 118W	20 23 20
1090 1091 1092 1093 1094 1096	Unknown Unknown Unknown Unknown Unknown	ACE Mapscan I ACE Mapscan V ACE Mapscan V ACE Mapscan I ACE Mapscan I ACE Mapscan I ACE Mapscan V ACE Mapscan V	Dry No Wet Yes Wet Yes Dry No Dry No	SEDIMENT	41.18 41.18 41.18 41.17 41.17	-110.40 -110.46 -110.40 -110.68	Phase II Phase II Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek Upper Smiths Fork Muddy Creek-Little Creek	Coyote Hollow No Allotment Coyote Hollow Meeks Cabin	Private Private Private Private	14N 14N 14N 14N	115W 116W 115W 118W	20 23 20 26
1090 1091 1092 1093 1094 1096 1097 1098	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	ACE Mapscan	Dry No Wet Yes Wet Yes Dry No Dry No Wet Yes Wet Yes Dry No	SEDIMENT SEDIMENT BREACHED	41.18 41.18 41.18 41.17 41.17 41.17 41.17 41.17	-110.40 -110.46 -110.40 -110.68 -110.44 -110.43 -110.71	Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek Upper Smiths Fork Muddy Creek-Little Creek Upper Smiths Fork Upper Smiths Fork Muddy Creek-Little Creek	Coyote Hollow No Allotment Coyote Hollow Meeks Cabin No Allotment No Allotment Mosslander Ranch	Private Private Private Private Private Private Private Private Private	14N 14N 14N 14N 14N 14N 14N	115W 116W 115W 118W 116W 115W 118W	20 23 20 26 25 30 27
1090 1091 1092 1093 1094 1096 1097 1098 1099	Unknown	ACE Mapscan	Dry No Wet Yes Wet Yes Dry No Dry No Wet Yes Dry No Dry Potentia	SEDIMENT SEDIMENT BREACHED	41.18 41.18 41.18 41.17 41.17 41.17 41.17 41.17 41.17	-110.40 -110.46 -110.40 -110.68 -110.44 -110.43 -110.71 -110.45	Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek Upper Smiths Fork Muddy Creek-Little Creek Upper Smiths Fork Upper Smiths Fork Upper Smiths Fork Muddy Creek-Little Creek Willow Creek-Yellow Hollow Creek	Coyote Hollow No Allotment Coyote Hollow Meeks Cabin No Allotment No Allotment Mosslander Ranch No Allotment	Private	14N 14N 14N 14N 14N 14N 14N 14N	115W 116W 115W 118W 116W 115W 115W 116W	20 23 20 26 25 30 27 26
1090 1091 1092 1093 1094 1096 1097 1098 1099 1100	Unknown	ACE Mapscan	Dry No Wet Yes Wet Yes Dry No Dry No wet Yes Dry No Dry No Dry Potentia Wet Yes	SEDIMENT SEDIMENT BREACHED	41.18 41.18 41.18 41.17 41.17 41.17 41.17 41.17 41.17 41.17	-110.40 -110.46 -110.40 -110.68 -110.44 -110.43 -110.71 -110.45 -110.49	Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek Upper Smiths Fork Muddy Creek-Little Creek Upper Smiths Fork Upper Smiths Fork Muddy Creek-Little Creek Willow Creek-Yellow Hollow Creek Blacks Fork-Sixmile Creek	Coyote Hollow No Allotment Coyote Hollow Meeks Cabin No Allotment No Allotment Mosslander Ranch No Allotment No Allotment	Private	14N 14N 14N 14N 14N 14N 14N 14N 14N	115W 116W 115W 118W 116W 115W 115W 116W 116W	20 23 20 26 25 30 27 26 28
1090 1091 1092 1093 1094 1096 1097 1098 1099 1100 1101	Unknown	ACE Mapscan	Dry No Wet Yes Wet Yes Dry No Dry No Wet Yes Dry No Dry Potentia Wet Yes Dry No Dry No	SEDIMENT SEDIMENT BREACHED SEDIMENT	41.18 41.18 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17	-110.40 -110.46 -110.40 -110.68 -110.44 -110.43 -110.71 -110.45 -110.49 -110.41	Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek Upper Smiths Fork Muddy Creek-Little Creek Upper Smiths Fork Upper Smiths Fork Muddy Creek-Little Creek Willow Creek-Yellow Hollow Creek Blacks Fork-Sixmile Creek Upper Smiths Fork	Coyote Hollow No Allotment Coyote Hollow Meeks Cabin No Allotment No Allotment Mosslander Ranch No Allotment No Allotment Coyote Hollow	Private	14N 14N 14N 14N 14N 14N 14N 14N 14N 14N	115W 116W 115W 118W 118W 115W 115W 116W 116W 116W	20 23 20 26 25 30 27 26 28 29
1090 1091 1092 1093 1094 1096 1097 1098 1099 1100	Unknown	ACE Mapscan	Dry No Wet Yes Wet Yes Dry No Dry No wet Yes Dry No Dry No Dry Potentia Wet Yes	SEDIMENT SEDIMENT BREACHED	41.18 41.18 41.18 41.17 41.17 41.17 41.17 41.17 41.17 41.17	-110.40 -110.46 -110.40 -110.68 -110.44 -110.43 -110.71 -110.45 -110.49	Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek Upper Smiths Fork Muddy Creek-Little Creek Upper Smiths Fork Upper Smiths Fork Muddy Creek-Little Creek Willow Creek-Yellow Hollow Creek Blacks Fork-Sixmile Creek Upper Smiths Fork Muddy Creek-Little Creek	Coyote Hollow No Allotment Coyote Hollow Meeks Cabin No Allotment No Allotment Mosslander Ranch No Allotment No Allotment Coyote Hollow Meeks Cabin	Private	14N 14N 14N 14N 14N 14N 14N 14N 14N	115W 116W 115W 118W 116W 115W 116W 116W 116W 116W 118W	20 23 20 26 25 30 27 26 28
1090 1091 1092 1093 1094 1096 1097 1098 1099 1100 1101 1102 1103	Unknown	ACE Mapscan	Dry No Wet Yes Wet Yes Dry No Dry No Wet Yes Wet Yes Dry No Dry Potentia Wet Yes Dry No Dry No Dry No	SEDIMENT SEDIMENT BREACHED SEDIMENT SEDIMENT SEDIMENT	41.18 41.18 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17	-110.40 -110.46 -110.40 -110.68 -110.44 -110.43 -110.71 -110.45 -110.49 -110.41 -110.69	Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek Upper Smiths Fork Muddy Creek-Little Creek Upper Smiths Fork Upper Smiths Fork Muddy Creek-Little Creek Willow Creek-Yellow Hollow Creek Blacks Fork-Sixmile Creek Upper Smiths Fork	Coyote Hollow No Allotment Coyote Hollow Meeks Cabin No Allotment No Allotment Mosslander Ranch No Allotment No Allotment Coyote Hollow	Private State of Wyoming	14N 14N 14N 14N 14N 14N 14N 14N 14N 14N	115W 116W 115W 118W 116W 116W 116W 116W 116W 116W 116	20 23 20 26 25 30 27 26 28 29
1090 1091 1092 1093 1094 1096 1097 1098 1099 1100 1101 1102 1103 1104	Unknown	ACE Mapscan	Dry No Wet Yes Wet Yes Dry No Dry No Wet Yes Dry No Dry Potentia Wet Yes Dry No Dry No Wet Yes	SEDIMENT SEDIMENT BREACHED SEDIMENT SEDIMENT SEDIMENT	41.18 41.18 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17	-110.40 -110.46 -110.40 -110.68 -110.44 -110.43 -110.71 -110.45 -110.49 -110.41 -110.69 -110.16	Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek Upper Smiths Fork Muddy Creek-Little Creek Upper Smiths Fork Upper Smiths Fork Muddy Creek-Little Creek Willow Creek-Yellow Hollow Creek Blacks Fork-Sixmile Creek Upper Smiths Fork Muddy Creek-Little Creek Sage Creek-Reed Reservoir	Coyote Hollow No Allotment Coyote Hollow Meeks Cabin No Allotment No Allotment Mosslander Ranch No Allotment Coyote Hollow Meeks Cabin Currently No Name	Private State of Wyoming BLM	14N 14N 14N 14N 14N 14N 14N 14N 14N 14N	115W 116W 115W 118W 116W 115W 116W 115W 116W 116W 116W 115W 113W 114W	20 23 20 26 25 30 27 26 28 29 26 28
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1090 1091 1092 1093 1094 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1109 1111	Unknown	ACE Mapscan Dry No Wet Yes Wet Yes Wet Yes Dry No Wet Yes Dry No Dry Potentia Wet Yes Dry No Wet Yes Dry Potentia Wet Yes Dry Potentia Dry No Wet Yes	SEDIMENT SEDIMENT BREACHED SEDIMENT SEDIMENT SEDIMENT SEDIMENT	41.18 41.18 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.17 41.16 41.16	-110.40 -110.46 -110.40 -110.68 -110.44 -110.43 -110.71 -110.45 -110.49 -110.16 -110.30 -110.30 -110.43 -110.44 -110.70 -110.42	Phase II	Upper Smiths Fork Willow Creek-Yellow Hollow Creek Upper Smiths Fork Muddy Creek-Little Creek Upper Smiths Fork Upper Smiths Fork Muddy Creek-Little Creek Willow Creek-Yellow Hollow Creek Blacks Fork-Sixmile Creek Upper Smiths Fork Muddy Creek-Little Creek Sage Creek-Reed Reservoir Upper Cottonwood Creek-Blacks Fork Upper Smiths Fork Willow Creek-Yellow Hollow Creek Muddy Creek-Little Creek	Coyote Hollow No Allotment Coyote Hollow Meeks Cabin No Allotment No Allotment Mosslander Ranch No Allotment Coyote Hollow Meeks Cabin Currently No Name Leavitt Bench No Allotment No Allotment So No Allotment No Allotment No Allotment No Allotment No Allotment No Allotment Meeks Cabin Smiths Fork	Private State of Wyoming BLM Private Private State of Wyoming BLM Private Private Private	14N 14N 14N 14N 14N 14N 14N 14N 14N 14N	115W 116W 115W 118W 118W 116W 115W 116W 116W 116W 115W 118W 113W 114W 115W 115W 118W 114W 115W	20 23 20 26 25 30 27 26 28 29 26 28 30 30 30 26 26 28 30	

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Decomposed Composed Compose						le Notes							14N	118W	35
100 100				-						,		l			36
100 100	1120	Unknown	ACE Mapscan	Dry	No	SEDIMENT	41.15	-110.64	Phase II	East Muddy Creek	Van Tassel	Private	14N	117W	31
100 100				-						·		, ,			36
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1.00 1.00										· ·					1
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17.	1130	Unknown	ACE Mapscan	Wet	Yes		41.13	-110.60	Phase II	Muddy Creek-Little Creek	Van Tassel	Private	13N	117W	3
1970 1981							1			,					4
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1979 1985					_	SEDIMENT					-				7
10.00 10.0			· · · · · · · · · · · · · · · · · · ·												10
The content of the part 10 10 10 10 10 10 10 1	1138	Unknown	ACE Mapscan	Wet	Yes		41.12	-110.59	Phase II	Blacks Fork-Sixmile Creek	No Allotment	Private	13N	117W	10
Process			· · · · · · · · · · · · · · · · · · ·	Wet	Yes						No Allotment	Private			10
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1416			· · · · · · · · · · · · · · · · · · ·	Wet	Yes					·					16
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1370															21
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1375				-	1							l			23
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1178	1176	Unknown	ACE Mapscan	Wet	Yes		41.09	-110.58	Phase II	Blacks Forks-Meeks Cabin Reservoir	Bigelow Ditch	Private	13N	117W	23
1179 Unknown ACE Mapscan Wet Yes Wet Wet Yes Wet											-				23
1181 Unknown ACE Mapscan Wet Ves Wet Ves Moslander Reservoir ACE Mapscan Wet Ves Ves Moslander Reservoir ACE Mapscan Wet Ves Moslander Reservoir Met Ves Moslander Reservoir Met Wes Moslander Reservoir Biglow Ditch Private 13N 117W 2 1182 Unknown ACE Mapscan Wet Ves Met Multiple Multiple Met Multiple Mult															19
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1192 Unknown ACE Mapscan Wet Yes Section Wet Yes Wet				-	1					·		_			23
1193 Unknown ACE Mapscan Wet Yes Section Wet Wes Wes Wet Wes Wes Wes Wet Wes															21
1195UnknownACE MapscanWetYesImage: Company of the															24
196 Unknown ACE Mapscan Dry No BREACHED 41.09 -110.73 Phase II West Muddy Creek 21 Grove Private 13N 118W 2 1197 Unknown ACE Mapscan Wet Yes 9 1198 Unknown ACE Mapscan Wet Yes 9 1199 Unknown	1100			\M/ot	Yes				Phase II	Blacks Forks-Meeks Cabin Reservoir	Horse Creek	Private			19
1197UnknownACE MapscanWetYesInto the control of th	1194	Unknown	ACE Mapscan	VVCt			41.09	-110.58	Phase II		Bigelow Ditch	Private	13N		23
1198UnknownACE MapscanWetYesIsom115W21199UnknownACE MapscanWetYesIsom115W115W21199UnknownACE MapscanWetYesIsom116W110SPhase IIBlacks Forks-Meeks Cabin ReservoirHorse CreekPrivate13N116W11201UnknownACE MapscanDryNoBREACHED110SPhase IIWillow Creek-Yellow Hollow CreekNo AllotmentPrivate13N116W21202UnknownACE MapscanWetYesIsgelow DitchPrivate13N117W21203UnknownACE MapscanWetYesIsgelow DitchPrivate13N117W21204UnknownACE MapscanWetYesIsgelow DitchPrivate13N117W21204UnknownACE MapscanWetYesIsgelow DitchPrivate13N117W21204UnknownACE MapscanWetYesIsgelow DitchPrivate13N117W2	1194 1195	Unknown	ACE Mapscan	Wet								 			24
1199 Unknown ACE Mapscan Wet Yes Season State Season State Season	1194 1195 1196	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Dry	No	BREACHED				·		l			21
1201 Unknown ACE Mapscan Dry No BREACHED 41.09 -110.50 Phase II Willow Creek-Yellow Hollow Creek No Allotment Private 13N 116W 2 1202 Unknown ACE Mapscan Wet Yes 1200 Phase II Blacks Forks-Meeks Cabin Reservoir Bigelow Ditch Private 13N 117W 2 1203 Unknown ACE Mapscan Wet Yes 1200 Phase II Blacks Forks-Meeks Cabin Reservoir Phase II Blacks Forks-Meeks Cabin Reservoir Private 13N 117W 2 1204 Unknown ACE Mapscan Wet Yes 1200 Phase II Blacks Forks-Meeks Cabin Reservoir Phase II Blacks Forks-Meeks Cabin Reservoir Private 13N 117W 2 1205 Phase II Blacks Forks-Meeks Cabin Reservoir Bigelow Ditch Private 13N 117W 2 1206 Phase II Blacks Forks-Meeks Cabin Reservoir Phase II Blacks Forks-Meeks Cabin Reservoir Bigelow Ditch Private 13N 117W 2 1207 Phase II Blacks Forks-Meeks Cabin Reservoir Phase II Blacks Forks-Meeks Cabin Reservoir Private 13N 117W 2 1208 Phase II Blacks Forks-Meeks Cabin Reservoir Phase II Blacks Forks-Meeks Cabin Reservoir Private 13N 117W 2 1209 Phase II Blacks Forks-Meeks Cabin Reservoir Phase II Blacks Forks-Meeks Cabin Reservoir Private 13N 117W 2 1200 Phase II	1194 1195 1196 1197	Unknown Unknown Unknown	ACE Mapscan ACE Mapscan ACE Mapscan	Wet Dry Wet	No Yes	BREACHED	41.09	-110.58	Phase II	Blacks Fork-Sixmile Creek	No Allotment	Private	13N	117W	22
1202UnknownACE MapscanWetYes9 Blacks Forks-Meeks Cabin ReservoirBigelow DitchPrivate13N117W21203UnknownACE MapscanWetYes9 Blacks Forks-Meeks Cabin ReservoirBigelow DitchPrivate13N117W21204UnknownACE MapscanWetYes9 Blacks Forks-Meeks Cabin ReservoirBigelow DitchPrivate13N117W21204UnknownACE MapscanWetYes9 Blacks Forks-Meeks Cabin ReservoirBigelow DitchPrivate13N117W2	1194 1195 1196 1197 1198	Unknown Unknown Unknown Unknown	ACE Mapscan ACE Mapscan ACE Mapscan ACE Mapscan	Wet Dry Wet Wet	No Yes Yes	BREACHED	41.09 41.09	-110.58 -110.40	Phase II Phase II	Blacks Fork-Sixmile Creek Upper Smiths Fork	No Allotment Dutchy Hollow	Private BLM	13N 13N	117W 115W	22 20
1203 Unknown ACE Mapscan Wet Yes 13N 117W 2 1204 Unknown ACE Mapscan Wet Yes 9 September 1204 1204 1205 1205 1205 1205 1205 1205 1205 1205	1194 1195 1196 1197 1198 1199	Unknown Unknown Unknown Unknown Unknown	ACE Mapscan ACE Mapscan ACE Mapscan ACE Mapscan ACE Mapscan	Wet Dry Wet Wet Wet Wet	No Yes Yes Yes		41.09 41.09 41.09	-110.58 -110.40 -110.54	Phase II Phase II Phase II	Blacks Fork-Sixmile Creek Upper Smiths Fork Blacks Forks-Meeks Cabin Reservoir	No Allotment Dutchy Hollow Horse Creek	Private BLM Private	13N 13N 13N	117W 115W 116W	22 20 19
	1194 1195 1196 1197 1198 1199 1201	Unknown Unknown Unknown Unknown Unknown Unknown	ACE Mapscan	Wet Dry Wet Wet Wet Dry	No Yes Yes Yes No		41.09 41.09 41.09 41.09	-110.58 -110.40 -110.54 -110.50	Phase II Phase II Phase II	Blacks Fork-Sixmile Creek Upper Smiths Fork Blacks Forks-Meeks Cabin Reservoir Willow Creek-Yellow Hollow Creek	No Allotment Dutchy Hollow Horse Creek No Allotment	Private BLM Private Private	13N 13N 13N 13N	117W 115W 116W 116W	22 20
1205 Byrne Reservoir ACE Mapscan Wet Yes BLM 13N 116W 3	1194 1195 1196 1197 1198 1199 1201 1202	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	ACE Mapscan	Wet Dry Wet Wet Dry Wet Wet Wet Dry Wet	No Yes Yes Yes No Yes		41.09 41.09 41.09 41.09 41.08	-110.58 -110.40 -110.54 -110.50 -110.58	Phase II Phase II Phase II Phase II Phase II	Blacks Fork-Sixmile Creek Upper Smiths Fork Blacks Forks-Meeks Cabin Reservoir Willow Creek-Yellow Hollow Creek Blacks Forks-Meeks Cabin Reservoir	No Allotment Dutchy Hollow Horse Creek No Allotment Bigelow Ditch	Private BLM Private Private Private	13N 13N 13N 13N 13N	117W 115W 116W 116W 117W	22 20 19 21
	1194 1195 1196 1197 1198 1199 1201 1202 1203 1204	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	ACE Mapscan	Wet Dry Wet Wet Dry Wet Wet Wet Dry Wet Wet	No Yes Yes Yes No Yes Yes		41.09 41.09 41.09 41.09 41.08 41.08	-110.58 -110.40 -110.54 -110.50 -110.58 -110.55 -110.58	Phase II	Blacks Fork-Sixmile Creek Upper Smiths Fork Blacks Forks-Meeks Cabin Reservoir Willow Creek-Yellow Hollow Creek Blacks Forks-Meeks Cabin Reservoir Blacks Forks-Meeks Cabin Reservoir	No Allotment Dutchy Hollow Horse Creek No Allotment Bigelow Ditch Horse Creek	Private BLM Private Private Private Private Private Private Private	13N 13N 13N 13N 13N 13N 13N	117W 115W 116W 116W 117W 117W	22 20 19 21 23 24 26

ACE ID	Name	Source	Condition	Water Source	Notes	Lattituda	Longitude	Phase	HUC 12 Name	Allotment	Land Owner		В	S
1206	Unknown	ACE Mapscan	Wet	Yes	votes	41.08	-110.62	Phase II	East Muddy Creek	Van Tassel	BLM	13N	117W	28
1207	Unknown	ACE Mapscan	Wet	Yes		41.08	-110.66	Phase II	East Muddy Creek	Van Tassel	Private	13N	117W	30
1208	Unknown	ACE Mapscan	Wet	Yes		41.08	-110.61	Phase II	Blacks Fork-Sixmile Creek	Van Tassel	BLM	13N	117W	28
1209	Unknown	ACE Mapscan	Wet	Yes		41.08	-110.63	Phase II	East Muddy Creek	Van Tassel	Private	13N	117W	29
1210	Unknown	ACE Mapscan	Wet	Yes		41.08	-110.45	Phase II	West Fork Smiths Fork	Westfork	Private	13N	116W	26
1211	Unknown	ACE Mapscan	Wet	Yes		41.08	-110.47	Phase II	Upper Smiths Fork	Willow Creek	Private	13N	116W	27
1212 1213	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Dry	Yes No	BREACHED	41.08 41.08	-110.59 -110.72	Phase II Phase II	Blacks Fork-Sixmile Creek West Muddy Creek	Van Tassel 21 Grove	Private Private	13N 13N	117W 118W	27 28
1213	Unknown	ACE Mapscan	Wet	Yes	SKEACHED	41.08	-110.72	Phase II	Blacks Fork-Sixmile Creek	Van Tassel	Private	13N	117W	27
1215	Unknown	ACE Mapscan	Wet	Yes		41.08	-110.57	Phase II	Blacks Forks-Meeks Cabin Reservoir	Bigelow Ditch	Private	13N	117W	26
1216	Unknown	ACE Mapscan	Dry	No	SEDIMENT	41.08	-110.74	Phase II	West Muddy Creek	Redden Pasture	Private	13N	118W	29
1217	Unknown	ACE Mapscan	Wet	Yes		41.08	-110.55	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	Private	13N	117W	25
1218	Unknown	ACE Mapscan	Wet	Yes		41.08	-110.39	Phase II	Upper Smiths Fork	Graham Reservoir	Private	13N	115W	28
1219	Unknown	ACE Mapscan	Dry	Potential		41.08	-110.47	Phase II	Upper Smiths Fork	Willow Creek	BLM	13N	116W	27
1220 1221	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.07 41.07	-110.59 -110.54	Phase II Phase II	Blacks Forks-Meeks Cabin Reservoir Blacks Forks-Meeks Cabin Reservoir	Van Tassel Half Sec Horse Cr	Private BLM	13N 13N	117W 116W	27 30
1222	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.54	Phase II	Blacks Forks-Meeks Cabin Reservoir	Bigelow Ditch	Private	13N	117W	26
1223	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.55	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	Private	13N	117W	25
1224	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.58	Phase II	Blacks Forks-Meeks Cabin Reservoir	Bigelow Ditch	Private	13N	117W	26
1225	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.57	Phase II	Blacks Forks-Meeks Cabin Reservoir	Bigelow Ditch	Private	13N	117W	26
1226	Unknown	ACE Mapscan	Wet	Yes	DDF46UFD	41.07	-110.58	Phase II	Blacks Forks-Meeks Cabin Reservoir	Bigelow Ditch	Private	13N	117W	26
1227	Unknown	ACE Manscan	Dry		BREACHED	41.07	-110.42	Phase II	West Fork Smiths Fork	Murray Ditch	Private	13N	115W	30
1228 1229	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.07 41.07	-110.55 -110.57	Phase II Phase II	Blacks Forks-Meeks Cabin Reservoir Blacks Forks-Meeks Cabin Reservoir	No Allotment Bigelow Ditch	Private Private	13N 13N	117W 117W	25 26
1230	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.57	Phase II	Blacks Fork-Sixmile Creek	Van Tassel	Private	13N	117W	27
1231	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.64	Phase II	East Muddy Creek	Van Tassel	Private	13N	117W	29
1232	Unknown	ACE Mapscan	Wet	Yes		 41.07	-110.56	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	Private	13N	117W	25
1233	Unknown	ACE Mapscan	Wet	Yes		 41.07	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Van Tassel	Private	13N	117W	27
1234	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.58	Phase II	Blacks Forks-Meeks Cabin Reservoir	Bigelow Ditch	Private	13N	117W	26
1235	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.58	Phase II	Blacks Forks-Meeks Cabin Reservoir	Bigelow Ditch	Private	13N	117W	26
1236 1237	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.07 41.07	-110.55 -110.55	Phase II Phase II	Blacks Forks-Meeks Cabin Reservoir Blacks Forks-Meeks Cabin Reservoir	No Allotment No Allotment	Private Private	13N 13N	117W 117W	25 25
1238	Graham Reservoir No 1	ACE Mapscan	Wet	Yes		41.07	-110.39	Phase II	Upper Smiths Fork	Graham Reservoir	Private	13N	117W	28
1239	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.58	Phase II	Blacks Forks-Meeks Cabin Reservoir	Bigelow Ditch	Private	13N	117W	26
1241	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	BLM	13N	117W	34
1243	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.72	Phase II	West Muddy Creek	No Allotment	Private	13N	118W	33
1244	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.56	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	State of Wyoming	13N	117W	36
1245 1246	Unknown Unknown	ACE Mapscan	Wet	Yes		41.07 41.07	-110.43 -110.58	Phase II	West Fork Smiths Fork	Gilbert Creek	USFS	13N	115W	31
1247	Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.07	-110.56	Phase II Phase II	Blacks Forks-Meeks Cabin Reservoir Blacks Forks-Meeks Cabin Reservoir	Balsam Draw No Allotment	Private State of Wyoming	13N 13N	117W 117W	35 36
1248	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.43	Phase II	West Fork Smiths Fork	Gilbert Creek	USFS	13N	115W	31
1249	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.43	Phase II	West Fork Smiths Fork	Gilbert Creek	USFS	13N	115W	31
1250	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.58	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	Private	13N	117W	35
1251	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.56	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	State of Wyoming	13N	117W	36
1252	Unknown	ACE Mapscan	Wet	Yes		41.07	-110.43	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir	Gilbert Creek	USFS	13N	115W	31
1253 1254	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.07 41.06	-110.56 -110.43	Phase II Phase II	West Fork Smiths Fork	No Allotment Gilbert Creek	State of Wyoming USFS	13N 13N	117W 116W	36 36
1255	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.58	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	Private	13N	117W	35
1256	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.56	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	State of Wyoming	13N	117W	
1257	Unknown	ACE Mapscan	Wet	Yes		 41.06	-110.42	Phase II	Gilbert Creek	Gilbert Creek	USFS	13N	115W	31
1258	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.56	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	State of Wyoming	13N	117W	36
1259	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.52	Phase II	Willow Creek-Yellow Hollow Creek	No Allotment	Private	13N	116W	32
1260 1261	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.06 41.06	-110.56 -110.58	Phase II Phase II	Blacks Forks-Meeks Cabin Reservoir Blacks Forks-Meeks Cabin Reservoir	No Allotment Balsam Draw	State of Wyoming Private	13N 13N	117W 117W	36 35
1262	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.54	Phase II	Willow Creek-Yellow Hollow Creek	West Fork Smith Fork	Private	13N	117W	31
1263	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	BLM	13N	117W	34
1264	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.56	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	State of Wyoming	13N	117W	36
1265	Unknown	ACE Mapscan	Wet	Yes		 41.06	-110.56	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	State of Wyoming	13N	117W	36
1266	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.65	Phase II	East Muddy Creek	Van Tassel	Private	13N	117W	31
1267	Unknown	ACE Manscan	Wet	Yes		41.06	-110.56	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	State of Wyoming	13N	117W	36
1268 1269	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.06 41.06	-110.34 -110.56	Phase II Phase II	Upper Cottonwood Creek-Blacks Fork Blacks Forks-Meeks Cabin Reservoir	Red Mountain No Allotment	USFS State of Wyoming	13N 13N	115W 117W	35 36
1270	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.56	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	State of Wyoming	13N	117W	36
1271	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.58	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	Private	13N	117W	35
1272	Unknown	ACE Mapscan	Wet	Yes		 41.06	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	BLM	13N	117W	34
1273	Unknown	ACE Mapscan	Wet	Yes		 41.06	-110.58	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	BLM	13N	117W	34
1274	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.42	Phase II	Gilbert Creek	Gilbert Creek	USFS	13N	115W	31
1275	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.59	Phase II	Blacks Forks Meeks Cabin Reservoir	Balsam Draw	BLM	13N	117W	34
1276 1277	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes	NET IN 3 YEARS OF PHOTOGRAPHY	41.06 41.06	-110.59 -110.29	Phase II Phase II	Blacks Forks-Meeks Cabin Reservoir Sage Creek-Reed Reservoir	Balsam Draw Red Mountain	BLM USFS	13N 13N	117W 114W	34 32
1277	Unknown	ACE Mapscan	Wet	Yes	WELLING FEATURE LITTLE CONTROLLER	41.06	-110.29	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	BLM	13N	114W	34
1279	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	BLM	13N	117W	34
1280	Unknown	ACE Mapscan	Wet	Yes		 41.06	-110.34	Phase II	Upper Cottonwood Creek-Blacks Fork	Red Mountain	Private	13N	115W	35
1281	Unknown	ACE Mapscan	Wet	Yes		 41.06	-110.58	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	Private	13N	117W	35
1282	Unknown	ACE Mapscan	Wet	Yes		 41.06	-110.34	Phase II	Upper Cottonwood Creek-Blacks Fork	Red Mountain	Private	13N	115W	35

ACE ID	Name	Source	Condition	Water Source Notes		Lattitude	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	Т	R	S
1283	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.41	Phase II	Gilbert Creek	Gilbert Creek	USFS	13N	115W	31
1284	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	BLM	13N	117W	34
1285	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.36	Phase II	Upper Cottonwood Creek-Blacks Fork	Red Mountain	USFS	13N	115W	34
1286	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.42	Phase II	Gilbert Creek	Gilbert Creek	USFS	13N	115W	31
1287	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.50	Phase II	Willow Creek-Yellow Hollow Creek	No Allotment	Private	13N	116W	33
1288	Unknown	ACE Mapscan	Wet	Yes		41.06	-110.52	Phase II	Willow Creek-Yellow Hollow Creek	No Allotment	Private	13N	116W	32
1289 1290	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.05 41.05	-110.53 -110.52	Phase II Phase II	Willow Creek-Yellow Hollow Creek Willow Creek-Yellow Hollow Creek	No Allotment No Allotment	Private Private	13N 13N	116W 116W	32 32
1291	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.52	Phase II	Willow Creek-Yellow Hollow Creek	West Fork Smith Fork	USFS	12N	116W	5
1292	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	Private	12N	117W	3
1293	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.69	Phase II	West Muddy Creek	No Allotment	Private	12N	118W	2
1294	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.66	Phase II	East Muddy Creek	No Allotment	Private	12N	117W	6
1295	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	4
1296	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.60	Phase II	East Muddy Creek	Balsam Draw	Private	12N	117W	3
1297 1298	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05	-110.64 -110.52	Phase II	East Muddy Creek	Van Tassel	Private	12N	117W	5
1298	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.05	-110.52	Phase II Phase II	Willow Creek-Yellow Hollow Creek Gilbert Creek	West Fork Smith Fork Gilbert Creek	USFS USFS	12N 12N	116W 115W	5 6
1300	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.42	Phase II	Gilbert Creek	Gilbert Creek	USFS	12N	115W	6
1301	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	Private	12N	117W	3
1302	Unknown	ACE Mapscan	Wet	Yes	 	41.05	-110.52	Phase II	Willow Creek-Yellow Hollow Creek	West Fork Smith Fork	USFS	12N	116W	5
1303	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.32	Phase II	Sage Creek-Reed Reservoir	Red Mountain	USFS	12N	115W	1
1304	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	4
1305	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	4
1306 1307	Unknown Unknown	ACE Mapscan	Wet	Yes		41.05	-110.34 -110.31	Phase II	Upper Cottonwood Creek-Blacks Fork	Red Mountain	USFS USFS	12N	115W	2
1307	Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.05 41.05	-110.31	Phase II Phase II	Sage Creek-Reed Reservoir East Fork Smiths Fork	Red Mountain East Fork Smiths Fork	USFS	12N 12N	114W 115W	6 4
1309	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Balsam Draw	Private	12N	117W	3
1310	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.34	Phase II	Upper Cottonwood Creek-Blacks Fork	Red Mountain	USFS	12N	115W	2
1311	Unknown	ACE Mapscan	Wet	Yes	 	41.05	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	4
1312	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.53	Phase II	Willow Creek-Yellow Hollow Creek	West Fork Smith Fork	Private	12N	116W	5
1313	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	4
1314	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	4
1316 1317	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.05 41.05	-110.52 -110.53	Phase II Phase II	Willow Creek-Yellow Hollow Creek Willow Creek-Yellow Hollow Creek	West Fork Smith Fork West Fork Smith Fork	USFS USFS	12N 12N	116W 116W	5 6
1318	Unknown	ACE Mapscan	Wet	Yes		41.05	-110.33	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	4
1319	Unknown	ACE Mapscan				41.05	-110.57	Phase II	Blacks Forks-Meeks Cabin Reservoir	No Allotment	Private	12N	117W	2
			Wet	Yes		41.05								
1320	Unknown	ACE Mapscan	Wet	Yes Yes		41.05	-110.45	Phase II	West Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	2
1320 1321	Unknown Unknown									West Fork Smith Fork Balsam Draw				
1321 1322	Unknown Unknown	ACE Mapscan ACE Mapscan ACE Mapscan	Wet Wet Wet	Yes Yes Yes		41.05 41.05 41.05	-110.45 -110.59 -110.39	Phase II Phase II Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork	USFS Private USFS	12N 12N 12N	116W 117W 115W	2 3 5
1321 1322 1323	Unknown Unknown Unknown	ACE Mapscan ACE Mapscan ACE Mapscan ACE Mapscan	Wet Wet Wet	Yes Yes Yes Yes Yes		41.05 41.05 41.05 41.05	-110.45 -110.59 -110.39 -110.51	Phase II Phase II Phase II Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork	USFS Private USFS USFS	12N 12N 12N 12N	116W 117W 115W 116W	2 3 5 5
1321 1322 1323 1324	Unknown Unknown Unknown Unknown	ACE Mapscan ACE Mapscan ACE Mapscan ACE Mapscan ACE Mapscan	Wet Wet Wet Wet Wet	Yes Yes Yes Yes Yes Yes		41.05 41.05 41.05 41.05 41.05	-110.45 -110.59 -110.39 -110.51 -110.40	Phase II Phase II Phase II Phase II Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smiths Fork	USFS Private USFS USFS USFS USFS	12N 12N 12N 12N 12N	116W 117W 115W 116W 115W	2 3 5 5 5
1321 1322 1323 1324 1325	Unknown Unknown Unknown Unknown Unknown	ACE Mapscan	Wet Wet Wet Wet Wet Wet Wet	Yes Yes Yes Yes Yes Yes Yes Yes		41.05 41.05 41.05 41.05 41.05 41.05	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52	Phase II Phase II Phase II Phase II Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smiths Fork West Fork Smith Fork	USFS Private USFS USFS USFS USFS USFS	12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W	2 3 5 5 5 5
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1321 1322 1323 1324 1325 1327 1328 1329 1330	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.53 -110.40 -110.39	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 116W 115W 115	2 3 5 5 5 5 4 6 5 5
1321 1322 1323 1324 1325 1327 1327 1328 1329 1330	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.53 -110.40 -110.39 -110.39 -110.39	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smiths Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 116W 115W 115	2 3 5 5 5 5 4 6 5 5
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.53 -110.40 -110.39 -110.39 -110.38	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smiths Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 115W 116W 115W 115W 115	2 3 5 5 5 5 4 6 5 5 4 4 4 4
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332 1333	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.53 -110.53 -110.40 -110.39 -110.39 -110.38 -110.37	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork No Allotment	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 116W 115W 115	2 3 5 5 5 5 4 6 5 5 5 4 4 4 4 3
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.53 -110.40 -110.39 -110.39 -110.38 -110.37 -110.52	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork Willow Creek-Yellow Hollow Creek	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smiths Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 115W 115W 115	2 3 5 5 5 5 4 6 5 5 4 4 4 4
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332 1333 1334 1335	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.04	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.53 -110.53 -110.40 -110.39 -110.39 -110.38 -110.37	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork West Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork Mo Allotment West Fork Smith Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 116W 115W 115	2 3 5 5 5 5 4 6 5 5 4 4 4 4 3
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.04 41.04	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork West Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork No Allotment West Fork Smith Fork East Fork Smith Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 115W 115W 115	2 3 5 5 5 5 4 6 5 5 4 4 4 3 5 5
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.04 41.04 41.04 41.04 41.04 41.04	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.52 -110.40 -110.52 -110.39 -110.62 -110.49 -110.39	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Little Dry Creek-Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Muddy Creek West Fork Smiths Fork East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork West Fork Smiths Fork East Fork Smiths Fork No Allotment West Fork Smith Fork East Fork Smith Fork West Fork Smiths Fork Van Tassel West Fork Smith Fork East Fork Smith Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 115W 115W 115	2 3 5 5 5 5 4 6 5 5 5 4 4 4 3 5 5 4 4 4 4 4 5 5
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.37 -110.52 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smiths Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork No Allotment West Fork Smith Fork Van Tassel West Fork Smith Fork East Fork Smiths Fork Van Tassel West Fork Smith Fork East Fork Smith Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 115W 115W 115	2 3 5 5 5 5 4 6 5 5 4 4 3 5 5 4 4 4 3 5 5 3
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1337	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.37 -110.52 -110.39 -110.40 -110.39 -110.40	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork Little Dry Creek-Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork Little Dry Creek-Smiths Fork East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smiths Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork No Allotment West Fork Smith Fork East Fork Smith Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 115W 115W 115	2 3 5 5 5 5 4 6 6 5 5 4 4 3 5 5 4 4 4 3 5 5 5 5 5 5 5 5 5
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04 41.04	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.40 -110.39 -110.40 -110.39 -110.37 -110.40 -110.38	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Little Dry Creek-Smiths Fork Little Dry Creek-Smiths Fork Little Dry Creek-Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork Little Dry Creek-Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork Little Dry Creek-Smiths Fork Little Dry Creek-Smiths Fork Little Dry Creek-Smiths Fork East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork West Fork Smiths Fork No Allotment West Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork Van Tassel West Fork Smith Fork East Fork Smiths Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 115W 115W 115	2 3 5 5 5 5 5 4 4 4 3 5 5 5 4 4 4 4 3 5 4 4 4 4
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1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1350 1351 1352 1353 1354 1355	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.04	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.53 -110.40 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.62 -110.39 -110.62 -110.39 -110.62 -110.49 -110.37 -110.40 -110.38 -110.47 -110.40 -110.40 -110.38 -110.39	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Little Dry Creek-Smiths Fork East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smith Fork East Fork Smith Fork West Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork West Fork Smith Fork East Fork Smiths Fork East Fork Smith Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 115W 115W 115	2 3 5 5 5 5 4 6 5 5 4 4 4 3 5 5 5 4 4 4 5 5 5 4 4 4 5 5 5 6 6 6 6 7 7 8 7 8 7 8 8 7 8 7 8 8 7 8 8 7 8 8 7 8 8 8 8 7 8 8 8 8 8 9 8 9
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1350 1351 1352 1353 1354 1355 1356	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.04	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.53 -110.40 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.62 -110.49 -110.39 -110.40 -110.38 -110.47 -110.40 -110.38 -110.47 -110.38 -110.40 -110.38 -110.47 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.47 -110.38 -110.39 -110.47 -110.38 -110.39 -110.47 -110.39 -110.47 -110.39 -110.47 -110.39 -110.47	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Little Dry Creek-Smiths Fork East Muddy Creek West Fork Smiths Fork East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork West Fork Smith Fork East Fork Smiths Fork West Fork Smiths Fork East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 115W 115W 115	2 3 5 5 5 5 4 6 5 5 4 4 4 3 5 5 5 4 4 4 5 5 3 3 5 6 4 4 5 6 4 5 6 6 4 7 8 7 8 8 7 8 8 7 8 8 8 8 9 9 9 9 9 9 9
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.04	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.53 -110.40 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.62 -110.49 -110.39 -110.40 -110.39 -110.40 -110.38 -110.47 -110.40 -110.38 -110.40 -110.38 -110.40 -110.38 -110.47 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.47 -110.38 -110.47 -110.39 -110.47 -110.39 -110.47 -110.39 -110.47 -110.39 -110.47 -110.39 -110.47 -110.39 -110.47 -110.37	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork Little Dry Creek-Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Little Dry Creek-Smiths Fork East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 115W 115W 115	2 3 5 5 5 5 4 6 5 5 5 4 4 4 5 5 3 3 5 5 4 4 4 5 5 3 5 4 4 5 6 4 5 6 4 5 6 6 4 7 8 7 8 7 8 7 8 7 8 8 7 8 7 8 8 7 8 7
1321 1322 1323 1324 1325 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356	Unknown	ACE Mapscan	Wet	Yes		41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.05 41.04	-110.45 -110.59 -110.39 -110.51 -110.40 -110.52 -110.39 -110.53 -110.40 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.62 -110.49 -110.39 -110.40 -110.38 -110.47 -110.40 -110.38 -110.47 -110.38 -110.40 -110.38 -110.47 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.39 -110.47 -110.38 -110.39 -110.47 -110.38 -110.39 -110.47 -110.39 -110.47 -110.39 -110.47 -110.39 -110.47	Phase II	West Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Willow Creek-Yellow Hollow Creek East Fork Smiths Fork Little Dry Creek-Smiths Fork East Muddy Creek West Fork Smiths Fork East Fork Smiths Fork	West Fork Smith Fork Balsam Draw East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smith Fork East Fork Smiths Fork East Fork Smiths Fork East Fork Smiths Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork West Fork Smith Fork East Fork Smiths Fork West Fork Smiths Fork East Fork Smiths Fork West Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork East Fork Smith Fork East Fork Smith Fork West Fork Smith Fork West Fork Smith Fork	USFS Private USFS USFS USFS USFS USFS USFS USFS USF	12N 12N 12N 12N 12N 12N 12N 12N	116W 117W 115W 116W 115W 116W 115W 115W 115W 115	2 3 5 5 5 5 4 6 5 5 4 4 4 3 5 5 5 4 4 4 5 5 3 3 5 6 4 4 5 6 4 5 6 6 4 7 8 7 8 8 7 8 8 7 8 8 8 8 9 9 9 9 9 9 9

ACE ID	Name	Source	Con	ndition W	/ater Source Notes		Lattitude	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	Т	R	S
1361	Unknown	ACE Mapscan		Wet	Yes		41.04	-110.60	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1363	Unknown	ACE Mapscan	١	Wet	Yes		41.04	-110.60	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1364	Unknown	ACE Mapscan	١	Wet	Yes		41.04	-110.50	Phase II	West Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	9
1365	Unknown	ACE Mapscan	_	Wet	Yes		41.04	-110.52	Phase II	Willow Creek-Yellow Hollow Creek	West Fork Smith Fork	USFS	12N	116W	8
1366 1367	Unknown	ACE Mapscan ACE Mapscan	_	Wet	Yes Yes		41.04 41.04	-110.32 -110.38	Phase II	Sage Creek-Reed Reservoir East Fork Smiths Fork	Red Mountain East Fork Smiths Fork	USFS USFS	12N 12N	115W 115W	12 9
1368	Unknown Unknown	ACE Mapscan		Wet	Yes		41.04	-110.38	Phase II Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N 12N	115W	9
1369	Unknown	ACE Mapscan	_	Wet	Yes		41.04	-110.60	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1371	Unknown	ACE Mapscan	_	Wet	Yes		41.04	-110.37	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	10
1372	Unknown	ACE Mapscan	١	Wet	Yes		41.04	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1373	Unknown	ACE Mapscan	_	Wet	Yes		41.04	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1374	Unknown	ACE Mapscan		Wet	Yes		41.04	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1375	Unknown	ACE Mapscan	_	Wet	Yes		41.04 41.04	-110.32 -110.60	Phase II	Sage Creek-Reed Reservoir	Red Mountain Meeks Cabin	USFS BLM	12N	115W	12
1376 1378	Unknown Unknown	ACE Mapscan ACE Mapscan	_	Wet	Yes Yes		41.04	-110.60	Phase II Phase II	Blacks Forks-Meeks Cabin Reservoir East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N 12N	117W 115W	10 10
1379	Unknown	ACE Mapscan	_	Wet	Yes		41.04	-110.37	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1380	Unknown	ACE Mapscan	١	Wet	Yes		41.04	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1381	Unknown	ACE Mapscan	١	Wet	Yes		41.04	-110.32	Phase II	Sage Creek-Reed Reservoir	Red Mountain	USFS	12N	115W	12
1382	Unknown	ACE Mapscan	١	Wet	Yes		41.04	-110.32	Phase II	Sage Creek-Reed Reservoir	Red Mountain	USFS	12N	115W	12
1383	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.54	Phase II	Blacks Forks-Meeks Cabin Reservoir	West Fork Smith Fork	Private	12N	116W	7
1384	Unknown	ACE Mapscan		Wet	Yes		41.03	-110.68	Phase II	West Muddy Creek	No Allotment	Private	12N	118W	11
1385 1386	Unknown Unknown	ACE Mapscan ACE Mapscan		Wet	Yes Yes		41.03 41.03	-110.39 -110.57	Phase II Phase II	Gilbert Creek Blacks Forks-Meeks Cabin Reservoir	East Fork Smiths Fork Meeks Cabin	USFS Private	12N 12N	115W 117W	8 11
1386	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.57	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N 12N	117W	10
1389	Unknown	ACE Mapscan		Wet	Yes		41.03	-110.32	Phase II	Sage Creek-Reed Reservoir	Red Mountain	USFS	12N	117W	12
1391	Unknown	ACE Mapscan		Wet	Yes		41.03	-110.37	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	10
1392	Unknown	ACE Mapscan	_	Wet	Yes		 41.03	-110.37	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1393	Unknown	ACE Mapscan		Wet	Yes	 	41.03	-110.43	Phase II	Gilbert Creek	Gilbert Creek	USFS	12N	115W	7
1394	Unknown	ACE Mapscan	-	Wet	Yes		41.03	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1395	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.32	Phase II	Sage Creek-Reed Reservoir	Red Mountain	USFS	12N	115W	12
1396	Unknown	ACE Mapscan		Wet	Yes		41.03	-110.37	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	10
1397 1399	Unknown Unknown	ACE Mapscan ACE Mapscan	_	Wet	Yes Yes		41.03 41.03	-110.61 -110.39	Phase II Phase II	East Muddy Creek Gilbert Creek	Van Tassel East Fork Smiths Fork	Private USFS	12N 12N	117W 115W	9
1400	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1401	Unknown	ACE Mapscan		Wet	Yes		41.03	-110.39	Phase II	Gilbert Creek	East Fork Smiths Fork	USFS	12N	115W	8
1402	Unknown	ACE Mapscan		Wet	Yes		 41.03	-110.37	Phase II	Little Dry Creek-Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	10
1403	Unknown	ACE Mapscan	١	Wet	Yes		41.03	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1404	Unknown	ACE Mapscan		Wet	Yes	 	41.03	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1405	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1406 1407	Unknown	ACE Mapscan	_	Wet	Yes		41.03 41.03	-110.47	Phase II	West Fork Smiths Fork East Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	10 10
1407	Unknown Unknown	ACE Mapscan ACE Mapscan	_	Wet	Yes Yes		41.03	-110.37 -110.60	Phase II Phase II	Blacks Forks-Meeks Cabin Reservoir	East Fork Smiths Fork Meeks Cabin	USFS BLM	12N 12N	115W 117W	10
1410	Unknown	ACE Mapscan	-	Wet	Yes		41.03	-110.60	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1412	Unknown	ACE Mapscan		Wet	Yes		41.03	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1414	Unknown	ACE Mapscan	١	Wet	Yes		41.03	-110.49	Phase II	West Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	9
1415	Unknown	ACE Mapscan	١	Wet	Yes		41.03	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1416	Unknown	ACE Mapscan		Wet	Yes		41.03	-110.60	Phase II	East Muddy Creek	Van Tassel	Private	12N	117W	9
1417	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.60	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1418 1419	Unknown Unknown	ACE Mapscan ACE Mapscan	_	Wet	Yes Yes		41.03 41.03	-110.51 -110.37	Phase II Phase II	West Fork Smiths Fork East Fork Smiths Fork	West Fork Smith Fork East Fork Smiths Fork	USFS USFS	12N 12N	116W 115W	9 10
1419	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.57	Phase II	West Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	9
1421	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1422	Unknown	ACE Mapscan	١	Wet	Yes	 	 41.03	-110.60	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1423	Unknown	ACE Mapscan	\	Wet	Yes		 41.03	-110.60	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1424	Unknown	ACE Mapscan	-	Wet	Yes		41.03	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1425	Unknown	ACE Mapscan		Wet	Yes		41.03	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1426 1427	Unknown Unknown	ACE Mapscan ACE Mapscan	-	Wet	Yes Yes		41.03 41.03	-110.43 -110.60	Phase II Phase II	Gilbert Creek Blacks Forks-Meeks Cabin Reservoir	Gilbert Creek Meeks Cabin	USFS BLM	12N 12N	115W 117W	7 10
1427	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.60	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N 12N	117W	10
1429	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.60	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1430	Unknown	ACE Mapscan		Wet	Yes		 41.03	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	9
1431	Unknown	ACE Mapscan	١	Wet	Yes		41.03	-110.61	Phase II	East Muddy Creek	Van Tassel	Private	12N	117W	9
1432	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.46	Phase II	West Fork Smiths Fork	West Fork Smith Fork	Private	12N	116W	11
1433	Unknown	ACE Mapscan	_	Wet	Yes		41.03	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	, ,	12N	115W	16
1434 1435	Unknown Unknown	ACE Mapscan ACE Mapscan	_	Wet	Yes Yes		41.03 41.03	-110.38 -110.60	Phase II Phase II	East Fork Smiths Fork Blacks Forks-Meeks Cabin Reservoir	East Fork Smiths Fork Meeks Cabin	State of Wyoming Private	12N 12N	115W 117W	16 9
1435	Meeks Cabin Reservoir	ACE Mapscan	_	Wet	Yes		41.03	-110.50	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	USFS	12N 12N	117W	11
1437	Unknown	ACE Mapscan	-	Wet	Yes		41.03	-110.60	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	10
1438	Unknown	ACE Mapscan		Wet	Yes		41.03	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork		12N	115W	16
1439	Unknown	ACE Mapscan	١	Wet	Yes	 	 41.03	-110.50	Phase II	West Fork Smiths Fork	West Fork Smith Fork	State of Wyoming	12N	116W	16
1442	Unknown	ACE Mapscan	_	Wet	Yes	 	41.02	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	, ,	12N	115W	16
1443	Unknown	ACE Mapscan		Wet	Yes		41.02	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork		12N	115W	16
1444	Unknown	ACE Mapscan		Wet	Yes		41.02	-110.49	Phase II	West Fork Smiths Fork	West Fork Smith Fork		12N	116W	15
1445	Unknown	ACE Mapscan	_	Wet	Yes Yes		41.02 41.02	-110.57 -110.45	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin West Fork Smith Fork	USFS USFS	12N 12N	117W 116W	14 14
1446	Unknown	ACE Mapscan					41.02	-110.40	Phase II	West Fork Smiths Fork	I WEST FOLK SHITH FOLK	U DED	T T I N	11000	

14.00	ACE ID	Name	Source	Con	ndition Wa	ater Source Notes		Lat	attitude	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	т	R	S
Column															12N	115W	15
1995 1995	1449	Unknown		_													14
The color	1450	Unknown	ACE Mapscan	٧	Wet	Yes		4	41.02	-110.56	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	Private	12N	117W	13
	1451	Unknown	ACE Mapscan	V	Wet	Yes		4	41.02	-110.56	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	Private	12N	117W	13
The color The	-	Unknown		٧	Wet												15
Section Sect				_										, ,			16
1.00	-			_													
1.00				_								·		, ,			
March Marc				_													
Dec																16	
195				_										, ,			16
March Marc	1462	Unknown	ACE Mapscan	٧	Wet	Yes		4	41.02	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	State of Wyoming	12N	115W	16
1956 Coloran	1463	Unknown	ACE Mapscan	V	Wet	Yes		4	41.02	-110.46	Phase II	West Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	14
140				_													17
Total Section Principles											·	_	, ,			16	
Dec	-			_													15
March Marc				_													
1995 1995				_								·					13
1922 1989	-			_													15
143				_													14
Marche 40 Mayor 10	1473	Unknown	ACE Mapscan	V	Wet	Yes		4	41.02	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	State of Wyoming	12N	115W	16
1985 Universe ACT Departs One The One Th				_			 										18
March Marc				_													14
1985	-			_								,	+				18
1865	-			_									+				
1970 1.000				_										, ,			20
1955	-			_													13
1982 Uniforce M.C. Moscon Well Yes	-			_													13
1985 Outcome	1490	Unknown	ACE Mapscan	V	Wet	Yes		4	41.01	-110.37	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	22
Millstone AZ Missora Very Ver	1491	Unknown	ACE Mapscan	٧	Wet	Yes		4	41.01	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N		21
1954 Unitrode ACM Mappion West Vest Section Continue Continue				_													20
1989				_													21
March Port Mar	-			_													
1495				_													
Unknown AC Magnam Wet Ves																	21
1950 Unitedom ACM Mappeam Vest Vest Vest Vest March	1498	Unknown		٧	Wet	Yes		4	41.01	-110.50	Phase II			Private			21
1930 Unknown ACK Mappeam West Vest 1930	1500	Unknown	ACE Mapscan	V	Wet	Yes		4	41.01	-110.40	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	20
1509 Unknown ACT Majoran Wet Vet Vet Wet Vet Wet Vet Wet Wet	-			V	Wet												21
Description ACK Mappers West Vest West Medical Section ACK Mappers West Vest Ack Mappers West Ack Mappers West Vest Ack Mappers West Ack Mappers Wes				_													22
1505 Unknown													_				
1506				_													
1508				_													22
1509 Unknown ACE Mapscan Wet Ves Wes Yes 1510 Unknown ACE Mapscan Wet Ves Wes 1511 Unknown ACE Mapscan Wet Ves Mess Act Act Act Mess Act		Unknown		٧	Wet			4	41.01		Phase II			Private			21
1510 Unknown ACE Mapscan Well Yes Well Yes 1400 1103 Phase 1 East Fork Smiths Fork USFS 12N 115W 22 1512 Unknown ACE Mapscan Well Yes 1 Unknown ACE Mapsc	1508	Unknown	ACE Mapscan	V	Wet	Yes		4	41.01	-110.51	Phase II	West Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	20
1511 Unknown ACE Mapscan Wet Ves Wet Ves Wet Wet													_				22
1512 Unknown ACE Mapscan Wet Yes Wet for Smiths Fork Wet for Smiths Fork West Fork Smi				_												1 1	22
1513 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 128 116W 21 1515 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork USFS 128 116W 22 1516 Unknown ACE Mapscan West Yes West Fork Smith Fork West Fork Smith Fork USFS 128 116W 22 1519 Unknown ACE Mapscan West Yes West Fork Smith Fork West Fork Smith Fork USFS 128 116W 22 1519 Unknown ACE Mapscan West Yes West Fork Smith Fork USFS 128 116W 20 1522 Unknown ACE Mapscan West Yes West Fork Smith Fork West Fork Smith Fork USFS 128 116W 20 1522 Unknown ACE Mapscan West Yes West Fork Smith Fork West Fork Smith Fork USFS 128 116W 20 1522 Unknown ACE Mapscan West Yes West Fork Smith Fork West Fork Smith Fork USFS 128 116W 20 1522 Unknown ACE Mapscan West Yes West Fork Smith Fork USFS 128 116W 20 1525 Unknown ACE Mapscan West Yes West Fork Smith Fork USFS 128 116W 20 1525 Unknown ACE Mapscan West Yes West Fork Smith Fork USFS 128 116W 20 1525 Unknown ACE Mapscan West Yes West Fork Smith Fork USFS 128 116W 20 1525 Unknown ACE Mapscan West Yes West Fork Smith Fork West Fork Smith Fork USFS 128 116W 20 1525 Unknown ACE Mapscan West Yes West Fork Smith Fork West Fork Smith Fork USFS 128 116W 20 1525 Unknown ACE Mapscan West Yes West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 128 116W 21 1520 Unknown ACE Mapscan West Yes West Fork Smith Fork W				_									+			1 1	21
1515				_													21
1516	-			_													20
1519	-			_									+				20
1520 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork USFS 12N 116W 20	1517	Unknown	ACE Mapscan	V	Wet	Yes		4	41.01	-110.59	Phase II	Blacks Forks-Meeks Cabin Reservoir	Meeks Cabin	BLM	12N	117W	22
1522 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork USFS 12N 116W 20				_													20
1523 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork Private 12N 116W 21 1524 Unknown ACE Mapscan Wet Yes Mest Fork Smith Fork West Fork Smith Fork USFS 12N 115W 21 1525 Unknown ACE Mapscan Wet Yes Mest Fork Smith Fork West Fork Smith Fork USFS 12N 115W 22 West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 12N 115W 22 West Fork Smith Fo				_													20
1524 Unknown ACE Mapscan Wet Yes Wet Yes Wet Wes Wet Wes Wes																	20
1525 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork Private 12N 116W 21 1527 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork Mest Fork Smith Fork				_													20
1527 Unknown ACE Mapscan Wet Yes Wet Yes Unknown ACE Mapscan Wet Yes Wet Yes				_													21
1529 Unknown ACE Mapscan Wet Yes West Fork Smiths Fork USFS 12N 115W 21 1530 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smiths Fork West Fork Smiths Fork West Fork Smith Fork Private 12N 116W 21 1531 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork Private 12N 116W 21 1533 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 12N 116W 21 1533 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 12N 116W 21 116W																	22
1530 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork Private 12N 116W 21 1531 Unknown ACE Mapscan Wet Yes West Fork Smith Fork USFS 12N 116W 21 Unknown ACE Mapscan Wet Yes West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 12N 116W 21 Unknown ACE Mapscan Wet Yes West Fork Smith Fork USFS 12N 115W 21 West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 12N 115W 21 West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 12N 115W 21 West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 12N 115W 21 West Fork Smith Fork West Fork Smith Fork USFS 12N 115W 21 West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 12N 115W 21 West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 12N 115W 21 West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork USFS 12N 115W 21 West Fork Smith Fork USFS 12N 115W 21 West Fork Smith Fork West Fork Smith Fork West Fork Smith Fork West Fork Smith For	1528	Unknown	ACE Mapscan	V	Wet	Yes	 		41.00	-110.50	Phase II	West Fork Smiths Fork	West Fork Smith Fork	Private	12N	116W	21
1531 Unknown ACE Mapscan Wet Yes West Fork Smiths Fork West Fork Smiths Fork West Fork Smiths Fork West Fork Smiths Fork USFS 12N 116W 21 153W 153W																	21
1533 Unknown ACE Mapscan Wet Yes West Fork Smiths Fork West Fork Smiths Fork West Fork Smiths Fork USFS 12N 116W 20	-			_									+			1 1	21
1535 Unknown ACE Mapscan Wet Yes West Fork Smiths Fork West Fork Smiths Fork West Fork Smiths Fork West Fork Smiths Fork 12N 116W 23 1537 Unknown ACE Mapscan Wet Yes West Fork Smiths Fork USFS 12N 115W 22 1539 Unknown ACE Mapscan Wet Yes West Fork Smiths Fork East Fork Smiths Fork USFS 12N 115W 21 1540 Unknown ACE Mapscan West Fork Smiths Fork West Fork Smiths Fork USFS 12N 115W 21 1540 Unknown ACE Mapscan West Fork Smiths Fork West Fork Smiths Fork USFS 12N 116W 20 1540 Unknown ACE Mapscan West Fork Smiths Fork West Fork Smiths Fork USFS 12N 116W 20 1540 Unknown ACE Mapscan West Fork Smiths Fork West Fork Smiths Fork USFS 12N 116W 20 1540 Unknown ACE Mapscan West Fork Smiths Fork West Fork Smith Fork USFS 12N 116W 20 1540 Unknown ACE Mapscan West Fork Smiths Fork West Fork Smith Fork USFS 12N 116W 20 1540 Unknown ACE Mapscan West Fork Smith Fork West Fork Smith Fork USFS 12N 116W 20 1540 Unknown ACE Mapscan West Fork Smith Fork USFS 12N 116W 20 1540 Unknown ACE Mapscan West Fork Smith Fork USFS 12N 116W 20 Unknown ACE Mapscan West Fork Smith Fork USFS 12N 116W 20 Unknown ACE Mapscan West Fork Smith Fork USFS 12N 116W 20 Unknown ACE Mapscan West Fork Smith Fork West Fork Smith Fork USFS 12N 116W 20 Unknown ACE Mapscan West Fork Smith Fork USFS 12N 116W 20 Unknown ACE Mapscan West Fork Smith Fork USFS 12N 116W 20 Unknown ACE Mapscan West Fork Smith Fork USFS 12N 116W 20 Unknown ACE Mapscan West Fork Smith Fork USFS 12N 116W 20 Unknown ACE Mapscan West Fork Smith Fork USFS 12N 116W 20 Unknown ACE Mapscan West F				_													21
1537 Unknown ACE Mapscan Wet Yes 116W 21 1538 Unknown ACE Mapscan Wet Yes 41.00 -110.37 Phase II East Fork Smiths Fork USFS 12N 115W 21 1539 Unknown ACE Mapscan Wet Yes 41.00 -110.38 Phase II East Fork Smiths Fork USFS 12N 115W 22 1540 Unknown ACE Mapscan Wet Yes 12N 115W 22 1540 Unknown ACE Mapscan Wet Yes 12N 115W 22 1540 Unknown ACE Mapscan Wet Yes 12N 115W 21 1540 Unknown ACE Mapscan Wet Yes 12N 115W 21				_													23
1538 Unknown ACE Mapscan Wet Yes 115W 22 1539 Unknown ACE Mapscan Wet Yes 1539 41.00 -110.38 Phase II East Fork Smiths Fork East Fork Smiths Fork USFS 12N 115W 22 1540 Unknown ACE Mapscan Wet Yes 12N 115W 21 1540 Unknown ACE Mapscan Wet Yes 12N 115W 21 1540 Unknown ACE Mapscan Wet Yes 12N 115W 21	-			_									+				21
1539 Unknown ACE Mapscan Wet Yes 115W 21 1540 Unknown ACE Mapscan Wet Yes 115W 21 1540 Unknown ACE Mapscan Wet Yes West Fork Smiths Fork West Fork Smiths Fork USFS 12N 116W 20				_													22
				_													21
1541 Unknown ACE Mapscan Wet Yes 116W 20	1540	Unknown	ACE Mapscan	V	Wet	Yes					Phase II	West Fork Smiths Fork	West Fork Smith Fork				20
	1541	Unknown	ACE Mapscan	V	Wet	Yes	 		41.00	-110.51	Phase II	West Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	20

ACE ID	Name	Source	Condition	n Water Source	Notes	Lattitudo	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	т	D	S
1542	Unknown	ACE Mapscan	Wet	Yes	Notes	41.00	-110.52	Phase II	West Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	20
1543	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.40	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	20
1544	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	20
1545	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.51	Phase II	West Fork Smiths Fork	West Fork Smith Fork	Private	12N	116W	21
1546	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21
1547	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21
1548	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.47	Phase II	West Fork Smiths Fork	West Fork Smith Fork	Private	12N	116W	23
1549	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.51	Phase II	West Fork Smiths Fork	West Fork Smith Fork	Private	12N	116W	21
1550	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.52	Phase II	West Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	20
1553	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.51	Phase II	West Fork Smiths Fork	West Fork Smith Fork	Private	12N	116W	21
1554 1556	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.00 41.00	-110.39 -110.40	Phase II Phase II	East Fork Smiths Fork East Fork Smiths Fork	East Fork Smiths Fork East Fork Smiths Fork	USFS USFS	12N 12N	115W 115W	21 20
1557	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.40	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N 12N	115W	21
1558	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.40	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	20
1560	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.44	Phase II	Gilbert Creek	Gilbert Creek	USFS	12N	116W	24
1561	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.47	Phase II	West Fork Smiths Fork	West Fork Smith Fork	Private	12N	116W	23
1562	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21
1563	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.47	Phase II	West Fork Smiths Fork	West Fork Smith Fork	Private	12N	116W	23
1564	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21
1565	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.47	Phase II	West Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	22
1566 1567	Unknown Unknown	ACE Mapscan	Wet	Yes		41.00	-110.38 -110.47	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21 22
1567 1568	Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.00 41.00	-110.47	Phase II Phase II	West Fork Smiths Fork West Fork Smiths Fork	West Fork Smith Fork West Fork Smith Fork	USFS USFS	12N 12N	116W 116W	22
1569	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.47	Phase II	West Fork Smiths Fork West Fork Smiths Fork	West Fork Smith Fork	Private	12N 12N	116W	23
1570	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21
1572	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.44	Phase II	Gilbert Creek	Gilbert Creek	USFS	12N	116W	24
1573	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.47	Phase II	West Fork Smiths Fork	West Fork Smith Fork	USFS	12N	116W	22
1574	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21
1575	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21
1576	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21
1577	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.37	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21
1578 1579	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes		41.00 41.00	-110.66 -110.38	Phase II Phase II	East Muddy Creek East Fork Smiths Fork	Guild Ranch East Fork Smiths Fork	Private USFS	12N 12N	117W 115W	19 21
1580	Unknown	ACE Mapscan	Wet	Yes Yes		41.00	-110.38	Phase II	East Fork Smiths Fork East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N 12N	115W	21
1581	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.70	Phase II	West Muddy Creek	No Allotment	Private	12N	118W	23
1582	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21
1583	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	21
1584	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	29
1585	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.40	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	29
1586	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.38	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	28
1587	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	28
1588	Unknown	ACE Mapscan	Wet	Yes		41.00	-110.37	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	28
1589 1591	Unknown Unknown	ACE Mapscan ACE Mapscan	Wet Wet	Yes Yes		41.00 41.00	-110.38 -110.39	Phase II Phase II	East Fork Smiths Fork East Fork Smiths Fork	East Fork Smiths Fork East Fork Smiths Fork	USFS USFS	12N 12N	115W 115W	28 28
1593	Grahams Reservoir	ACE Mapscan	Wet	Yes		40.99	-110.39	Phase II	East Fork Smiths Fork	East Fork Smiths Fork	USFS	12N	115W	29
1645	Unknown	Kemmerer BLM	Dry	Potential	RIPS DATABASE	41.73	-110.63	Phase II	Upper North Fork Little Muddy Creek	Elkol	BLM	20N	117W	10
1646	Unknown	Kemmerer BLM	Dry	Potential	no water present, immediately beside other reservoir	41.73	-110.64	Phase II	Upper North Fork Little Muddy Creek	Elkol	BLM	20N	117W	9
1647	Unknown	Kemmerer BLM	Dry	Potential	no water present, immediately beside other reservoir	41.73	-110.64	Phase II	Upper North Fork Little Muddy Creek	Elkol	BLM	20N	117W	9
1648	Unknown	Kemmerer BLM	Wet	Yes	WET IN TWO YEARS OF PHOTOGRAPHY, RIPS DATABASE	41.72	-110.60	Phase II	Upper North Fork Little Muddy Creek	Elkol	BLM	20N	117W	14
1649	Unknown	Kemmerer BLM	Dry	No	Unknown status by BLM, not considered a watersource	41.72	-110.65	Phase II	Upper North Fork Little Muddy Creek	Twin Creek	State of Wyoming	20N	117W	16
1650	Unknown	Kemmerer BLM	Wet	Yes	RIPS DATABASE	41.71	-110.59	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	BLM	20N	117W	24
1652 1653	Unknown Unknown	Kemmerer BLM Kemmerer BLM	Wet	Yes Potential	no water	41.70 41.70	-110.51 -110.51	Phase II Phase II	Dry Muddy Creek-Little Round Mountain Spring Dry Muddy Creek-Little Round Mountain Spring	Cumberland Flats Cumberland Flats	BLM BLM	20N 20N	116W 116W	22 22
1654	Unknown	Kemmerer BLM	Dry Dry	No	BREACHED, RIPS DATABASE	41.70	-110.51	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	BLM	20N	116W	28
1655	Unknown	Kemmerer BLM	Dry	No	SEDIMENT, RIPS DATABASE	41.69	-110.57	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	BLM	20N	116W	30
1656	Unknown	Kemmerer BLM	Dry	No	REMOVED BY MINING ACTIVITIES, RIPS DATABASE	41.68	-110.62	Phase II	Upper North Fork Little Muddy Creek	Elkol	BLM	20N	117W	34
1657	Unknown	Kemmerer BLM	Dry	No	BREACHED, RIPS DATABASE	41.68	-110.67	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	BLM	20N	117W	32
1658	Unknown	Kemmerer BLM	Dry	Potential	RIPS DATABASE	41.68	-110.67	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	BLM	20N	117W	32
1659	Unknown	Kemmerer BLM	Dry	No	BREACHED, RIPS DATABASE	41.67	-110.67	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	BLM	20N	117W	32
1660	Unknown	Kemmerer BLM	Dry	Potential	RIPS DATABASE	41.67	-110.73	Phase II	Little Muddy Creek-Chicken Creek	Cumberland/Uinta	BLM	20N	118W	34
1661	Unknown	Kemmerer BLM	Dry	No	REMOVED BY MINING ACTIVITY, RIPS DATABASE	41.67	-110.62	Phase II	Upper North Fork Little Muddy Creek	Elkol Cumborland/Hinta	BLM	20N	117W	34
1662 1663	Unknown Unknown	Kemmerer BLM Kemmerer BLM	Dry Dry	No Potential	POTENTIALLY BREACHED, RIPS DATABASE RIPS DATABASE	41.67 41.66	-110.67 -110.68	Phase II Phase II	Lower North Fork Little Muddy Creek Little Muddy Creek-Chicken Creek	Cumberland/Uinta Cumberland/Uinta	BLM BLM	20N 19N	117W 117W	32 6
1664	Unknown	Kemmerer BLM	Dry	Potential	RIPS DATABASE	41.66	-110.61	Phase II	Upper North Fork Little Muddy Creek	Cumberland Flats	BLM	19N	117W	2
1665	Unknown	Kemmerer BLM	Dry	Potential	RIPS DATABASE	41.66	-110.65	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	BLM	19N	117W	4
1666	Unknown	Kemmerer BLM	Dry	Potential	RIPS DATABASE	41.66	-110.60	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	BLM	19N	117W	2
1667	Unknown	Kemmerer BLM	Dry	Potential	RIPS DATABASE	41.65	-110.60	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	BLM	19N	117W	2
1668	Unknown	Kemmerer BLM	Wet	Yes	RIPS DATABASE	41.65	-110.58	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	BLM	19N	117W	12
1669	Unknown	Kemmerer BLM	Wet	Yes	RIPS DATABASE	41.65	-110.59	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	BLM	19N	117W	12
1670	Unknown	Kemmerer BLM	Wet	Yes	water present	41.64	-110.64	Phase II	Lower North Fork Little Muddy Creek	Cumberland/Uinta	Private State of Wyoming	19N	117W	9
1671	Unknown Unknown	Kemmerer BLM	Dry	Potential	dam face not blown out, good condition	41.63	-110.88	Phase II	Carter Creek	Cumberland/Linta	State of Wyoming	19N	119W	16
1672 1673	Unknown	Kemmerer BLM Kemmerer BLM	Wet Dry	Yes Potential	possible overflow water present no water present	41.63 41.63	-110.90 -110.66	Phase II Phase II	Carter Creek Lower North Fork Little Muddy Creek	Cumberland/Uinta Cumberland/Uinta	Private Private	19N 19N	119W 117W	17 17
1674	Unknown	Kemmerer BLM	Dry	No	Listed as "Blown Out" by BLM, no water present	41.62	-110.58	Phase II	Lower North Fork Little Muddy Creek	Cumberland Flats	Private	19N 19N	117W	13
1675	Unknown	Kemmerer BLM	Dry	Potential	no water present	41.62	-110.67	Phase II	Little Muddy Creek-Bell Creek	Cumberland/Uinta	Private	19N	117W	17
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ACE ID Name 1676 Unknown 1677 Unknown 1678 Unknown 1679 Unknown 1680 Unknown 1681 Unknown 1682 Unknown 1683 Unknown 1684 Unknown 1685 Unknown 1686 Unknown 1687 Unknown 1689 Unknown 1690 Unknown 1691 Unknown 1692 Unknown 1693 Unknown 1694 Unknown 1695 Unknown 1696 Unknown 1697 Unknown 1709 Unknown 1700 Unknown 1701 Unknown 1702 Unknown 1703 Unknown 1704 Unknown 1705 Unknown 1706 Unknown 1709 Unknown	Non	merer BLM	Dry Wet Wet Dry	No No No Potential Potential No No No No Potential Potential No Potential No Potential No Potential No Potential No Potential Potential No Potential Potential No Potential Potential Potential No No Potential Potential No No Potential No	Listed as "Blown Out" by BLM, no water present Listed as "Blown Out" by BLM, water present split btween allotments Not a watersource because BLM lists it as "blown out" water present reservoir split between allotments some erosion occuring Listed as "Blown Out" by BLM, blown out two track on birm channelization present no water present no water present water present no water present RIPS DATABASE SEDIMENT Listed as "Blown Out" by BLM, no water present Listed as "Blown Out" by BLM, no water present Listed as "Blown Out" by BLM, no water present Listed as "Blown Out" by BLM, no water present Listed as "Blown Out" by BLM, no water present Listed as "Blown Out" by BLM, no water present Listed as "Blown Out" by BLM, no water present Listed as "Blown Out" by BLM, no water present Listed as "Blown Out" by BLM, no water present Listed as "Blown Out" by BLM, no water present RIPS DATABASE Listed as "Blown Out" by BLM, no water present, unable to notice any livestock use due to snowy conditions Water present, unable to notice any livestock use due to snowy conditions Listed as "Blown Out" by BLM, now water RIPS DATABASE Culvert in dam face, no water present, unable to notice any livestock use due to snowy conditions No Water Present No WisiBLE RESERVOIR, RIPS DATABASE BREACHED, RIPS DATABASE No Water Present I listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Out" by BLM, No Water Present Listed as "Blown Ou	Lattitude	Longitude	Phase II	Lower North Fork Little Muddy Creek Little Muddy Creek-Bell Creek Little Muddy Creek-Bell Creek Carter Creek Carter Creek Little Muddy Creek-Bell Creek Sheep Creek-North Fork Sheep Creek Little Muddy Creek-Bell Creek Little Muddy Creek-Bell Creek Little Muddy Creek-Bell Creek Sheep Creek-North Fork Sheep Creek Little Muddy Creek-Bell Creek Little Muddy Creek-Bell Creek Little Muddy Creek-Bell Creek Sheep Creek-North Fork Sheep Creek Sheep Creek-North Fork Sheep Creek Sheep Creek-North Fork Sheep Creek Little Muddy Creek-Bell Creek	Cumberland Flats Cumberland Flats Cumberland Flats Cumberland Flats Cumberland Flats Cumberland/Uinta	BLM Private BLM Private BLM Private BLM Private BLM BLM BLM BLM BLM Private BLM	19N 19N 19N 19N 19N 19N 19N 19N 19N 19N	117W 117W 117W 117W 117W 117W 117W 117W 117W 117W 118W 118W 117W 117W 117W 117W 117W 117W 117W 117W 119W	\$ 14 15 22 21 19 20 20 20 30 29 28 29 32 33 36 32 32 32 4 4 6 2 4 4 6
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1700 Unknown 1701 Unknown 1702 Unknown 1703 Unknown 1704 Unknown 1705 Unknown 1706 Unknown 1707 Unknown 1708 Unknown 1709 Unknown 1710 Unknown 1711 Unknown 1712 Unknown 1713 Unknown 1714 Unknown 1714 Unknown 1715 Unknown	wn Kemn	merer BLM	Dry N/A Dry Dry Dry Dry Dry Dry Dry Dry Wet	Potential No No Potential Potential No Potential No Potential Potential No	No Water Present NO VISIBLE RESERVOIR, RIPS DATABASE BREACHED, RIPS DATABASE No Water Present no water present Listed as "Blown Out" by BLM, No Water Present RIPS DATABASE no water present	41.58 41.57 41.57 41.57 41.57 41.56 41.56	-110.72 -110.87 -110.88 -110.68 -110.62 -110.68	Phase II Phase II Phase II Phase II Phase II Phase II	Little Muddy Creek-Bell Creek Sheep Creek-North Fork Sheep Creek Sheep Creek-North Fork Sheep Creek Little Muddy Creek-Bell Creek Little Muddy Creek-Bell Creek Ryckman Creek	Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland/Uinta Cumberland Flats Cumberland/Uinta	BLM BLM BLM BLM Private Private	18N 18N 18N 18N 18N 18N	118W 119W 119W 117W 117W 117W	2 4 4 6 3
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1702 Unknown 1703 Unknown 1704 Unknown 1705 Unknown 1706 Unknown 1707 Unknown 1708 Unknown 1709 Unknown 1710 Unknown 1711 Unknown 1712 Unknown 1713 Unknown 1714 Unknown 1714 Unknown 1715 Unknown 1715 Unknown	WIN Kemn Kemn Kemn	merer BLM	Dry Dry Dry Dry Dry Dry Dry Wet	No Potential Potential No Potential Potential No	BREACHED, RIPS DATABASE No Water Present no water present Listed as "Blown Out" by BLM, No Water Present RIPS DATABASE no water present	41.57 41.57 41.57 41.56 41.56	-110.88 -110.68 -110.62 -110.68	Phase II Phase II Phase II Phase II	Sheep Creek-North Fork Sheep Creek Little Muddy Creek-Bell Creek Little Muddy Creek-Bell Creek Ryckman Creek	Cumberland/Uinta Cumberland/Uinta Cumberland Flats Cumberland/Uinta	BLM BLM Private Private	18N 18N 18N 18N	119W 117W 117W 117W	4 6 3
1703 Unknown 1704 Unknown 1705 Unknown 1706 Unknown 1707 Unknown 1708 Unknown 1709 Unknown 1710 Unknown 1711 Unknown 1711 Unknown 1712 Unknown 1713 Unknown 1714 Unknown 1715 Unknown 1716 Unknown	vin Kemn vin Kemn win Kemn Kemn Kemn Kemn Kemn Kemn Kemn	merer BLM	Dry Dry Dry Dry Dry Dry Wet	Potential Potential No Potential Potential No	No Water Present no water present Listed as "Blown Out" by BLM, No Water Present RIPS DATABASE no water present	41.57 41.57 41.56 41.56	-110.68 -110.62 -110.68	Phase II Phase II Phase II	Little Muddy Creek-Bell Creek Little Muddy Creek-Bell Creek Ryckman Creek	Cumberland/Uinta Cumberland Flats Cumberland/Uinta	BLM Private Private	18N 18N 18N	117W 117W 117W	6
1704 Unknown 1705 Unknown 1706 Unknown 1707 Unknown 1708 Unknown 1709 Unknown 1710 Unknown 1711 Unknown 1711 Unknown 1712 Unknown 1713 Unknown 1714 Unknown 1715 Unknown 1716 Unknown	wn Kemn Kemn Kemn	merer BLM	Dry Dry Dry Dry Dry Wet	Potential No Potential Potential No	no water present Listed as "Blown Out" by BLM, No Water Present RIPS DATABASE no water present	41.57 41.56 41.56	-110.62 -110.68	Phase II Phase II	Little Muddy Creek-Bell Creek Ryckman Creek	Cumberland Flats Cumberland/Uinta	Private Private	18N 18N	117W 117W	3
1705 Unknown 1706 Unknown 1707 Unknown 1708 Unknown 1709 Unknown 1710 Unknown 1711 Unknown 1711 Unknown 1712 Unknown 1713 Unknown 1714 Unknown 1714 Unknown 1715 Unknown 1716 Unknown	wn Kemn Kemn Kemn	merer BLM	Dry Dry Dry Dry Wet	No Potential Potential No	Listed as "Blown Out" by BLM, No Water Present RIPS DATABASE no water present	41.56 41.56	-110.68	Phase II	Ryckman Creek	Cumberland/Uinta	Private	18N	117W	
1706 Unknown 1707 Unknown 1708 Unknown 1709 Unknown 1710 Unknown 1711 Unknown 1712 Unknown 1713 Unknown 1714 Unknown 1715 Unknown 1716 Unknown	wn Kemn Kemn Kemn	merer BLM merer BLM merer BLM merer BLM merer BLM merer BLM	Dry Dry Dry Wet	Potential Potential No	RIPS DATABASE no water present	41.56			,	· · · · · · · · · · · · · · · · · · ·				
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1708 Unknown 1709 Unknown 1710 Unknown 1711 Unknown 1712 Unknown 1713 Unknown 1714 Unknown 1715 Unknown 1716 Unknown	wn Kemn wn Kemn wn Kemn wn Kemn wn Kemn wn Kemn	merer BLM merer BLM merer BLM merer BLM	Dry Wet	No		41.56	-110.55	Phase II	Little Muddy Creek-Ziller Ranch Ryckman Creek	Cumberland/Uinta	Private	18N	117W	7
1709 Unknown 1710 Unknown 1711 Unknown 1712 Unknown 1713 Unknown 1714 Unknown 1715 Unknown 1716 Unknown	wn Kemn wn Kemn wn Kemn wn Kemn	merer BLM merer BLM merer BLM	Wet		DISCHARI AS TOURWILLIAM DIVERSING	41.55	-110.67	Phase II	Ryckman Creek	Cumberland/Uinta	BLM	18N	117W	8
1710 Unknown 1711 Unknown 1712 Unknown 1713 Unknown 1714 Unknown 1715 Unknown 1716 Unknown	wn Kemn wn Kemn wn Kemn	merer BLM merer BLM		Yes	WET IN TWO YEARS OF PHOTOGRAPHY, RIPS DATABASE	41.55	-110.55	Phase II	Little Muddy Creek-Ziller Ranch	Albert Creek	BLM	18N	116W	8
1711 Unknown 1712 Unknown 1713 Unknown 1714 Unknown 1715 Unknown 1716 Unknown	vn Kemn vn Kemn	merer BLM		Yes	WET IN TWO YEARS OF PHOTOGRAPHY, RIPS DATABASE	41.55	-110.55	Phase II	Little Muddy Creek-Ziller Ranch	Albert Creek	BLM	18N	116W	8
1712 Unknown 1713 Unknown 1714 Unknown 1715 Unknown 1716 Unknown	vn Kemn		Dry	Potential	no water present	41.55	-110.69	Phase II	Ryckman Creek	Cumberland/Uinta	Private	18N	117W	7
1713 Unknown 1714 Unknown 1715 Unknown 1716 Unknown			Dry	No	SEDIMENT, RIPS DATABASE	41.55	-110.71	Phase II	Ryckman Creek	Cumberland/Uinta	BLM	18N	118W	12
1714 Unknown 1715 Unknown 1716 Unknown		nerer BLM	Dry	Potential	RIPS DATABASE	41.55	-110.63	Phase II	Lower Albert Creek	Albert Creek	BLM	18N	117W	10
1715 Unknown 1716 Unknown	vn Kemn	nerer BLM	Dry	No	Listed as "Blown Out" by BLM, no water present	41.55	-110.68	Phase II	Ryckman Creek	Cumberland/Uinta	BLM	18N	117W	18
		nerer BLM	Wet	Yes	WET IN TWO YEARS OF PHOTOGRAPHY, RIPS DATABASE	41.54	-110.58	Phase II	Little Muddy Creek-Ziller Ranch	Albert Creek	BLM	18N	116W	18
1717 Linknown	vn Kemn	merer BLM	Dry	No	Listed as "Blown Out" by BLM, no water present	41.54	-110.69	Phase II	Ryckman Creek	Cumberland/Uinta	BLM	18N	117W	18
I.I. CHRIOWI	vn Kemn	nerer BLM	Dry	Potential	RIPS DATABASE	41.54	-110.56	Phase II	Little Muddy Creek-Ziller Ranch	Albert Creek	BLM	18N	116W	20
1718 Unknown	vn Kemn	nerer BLM	Wet	Yes	RIPS DATABASE	41.53	-110.63	Phase II	Lower Albert Creek	Albert Creek	BLM	18N	117W	22
1719 Unknown	vn Kemn	nerer BLM	Wet	No	Listed as "Blown Out" by BLM, water present: Not a watersource because BLM lists it as "blown out"	41.53	-110.69	Phase II	Ryckman Creek	Cumberland/Uinta	Private	18N	117W	19
1720 Unknown	vn Kemn	merer BLM	Dry	No	SEDIMENT, RIPS DATABASE	41.53	-110.58	Phase II	Lower Albert Creek	Albert Creek	BLM	18N	117W	24
1721 Unknown	vn Kemn	merer BLM	Wet	Yes	RIPS DATABASE	41.53	-110.59	Phase II	Lower Albert Creek	Albert Creek	BLM	18N	117W	24
1722 Unknown	vn Kemn	nerer BLM	Wet	Yes	RIPS DATABASE	41.53	-110.62	Phase II	Lower Albert Creek	Albert Creek	BLM	18N	117W	22
1723 Unknown	vn Kemn	nerer BLM	Wet	Yes	water present	41.53	-110.65	Phase II	Lower Albert Creek	Albert Creek	Private	18N	117W	21
1724 Unknown		nerer BLM	Dry	No	Listed as "Blown Out" by BLM, water present, RIPS DATABASE	41.52	-110.66	Phase II	Lower Albert Creek	Albert Creek	BLM	18N	117W	20
1725 Unknown		nerer BLM	Dry	No	SEDIMENT, RIPS DATABASE	41.52	-110.59	Phase II	Lower Albert Creek	Albert Creek	BLM	18N	117W	24
1726 Unknown		merer BLM	Dry	Potential	RIPS DATABASE	41.51	-110.56	Phase II	Little Muddy Creek-Ziller Ranch	Albert Creek	BLM	18N	116W	30
1727 Unknown		merer BLM	Wet	Yes	RIPS DATABASE	41.51	-110.69	Phase II	Ryckman Creek	Cumberland/Uinta	BLM	18N	117W	30
1728 Unknown		merer BLM	Dry	Potential	RIPS DATABASE	41.51	-110.37	Phase II	Big Muddy Creek	Carter Lease	BLM	18N	115W	26
1729 Unknown		nerer BLM	Wet	Yes	water present	41.51	-110.66	Phase II	Lower Albert Creek	Albert Creek	BLM	18N	117W	32
1730 Unknown		nerer BLM	Wet	Yes	water present	41.50	-110.66	Phase II	Lower Albert Creek	Albert Creek	BLM	18N	117W	32
1731 Unknown		nerer BLM	Wet	Yes	RIPS DATABASE	41.49	-110.21	Phase II	Blacks Fork-Jackknife Draw	Austin Triangle	BLM	18N	113W	32
1732 Unknown 1733 Unknown		nerer BLM	Dry	Potential	no water present Listed as "Ployer Out" by PLM, no water present	41.49	-110.67	Phase II	Lower Albert Creek	Albert Creek	Private Private	17N	117W	5
		nerer BLM	Dry	No	Listed as "Blown Out" by BLM, no water present	41.49	-110.67	Phase II	Lower Albert Creek	Albert Creek	Private	17N	117W	5
1734 Unknown 1735 Unknown		nerer BLM nerer BLM	Dry	Potential Potential	RIPS DATABASE RIPS DATABASE	41.49 41.48	-110.64 -110.64	Phase II Phase II	Lower Albert Creek Lower Albert Creek	Albert Creek Albert Creek	BLM BLM	17N 17N	117W 117W	4
1736 Unknown		nerer BLM	Dry	Potential		41.48	-110.64	Phase II			Private	17N 17N	117W	5
1737 Unknown			Dry Wet		no water present	41.48	-110.67	Phase II	Lower Albert Creek	Albert Creek Albert Creek	Private	17N 17N	117W	5
1738 Unknown		nerer BLM nerer BLM	Wet	Yes	water present RIPS DATABASE	41.48	-110.67	Phase II	Lower Albert Creek Ryckman Creek	Cumberland/Uinta	BLM	17N 17N	117W 119W	10
1739 Unknown		nerer BLM	Dry	No	BREACHED, RIPS DATABASE	41.48	-110.67	Phase II	Lower Albert Creek	Albert Creek	BLM	17N	117W	10
1740 Unknown		nerer BLM	Dry	Potential	No water present	41.48	-110.87	Phase II	Ryckman Creek	Cumberland/Uinta	Private	17N	117W	9
1741 Unknown		nerer BLM	Dry	Potential	RIPS DATABASE	41.47	-110.67	Phase II	Lower Albert Creek	Albert Creek	BLM	17N	117W	10
1742 Unknown		nerer BLM	Dry	Potential	RIPS DATABASE	41.47	-110.59	Phase II	Muddy Creek-Lost Draw	Albert Creek	BLM	17N	117W	12
1743 Unknown		nerer BLM	Dry	Potential	no water present	41.46	-110.67	Phase II	Clear Creek-Shurtleff Creek	Albert Creek	BLM	17N	117W	8
1744 Unknown		nerer BLM	Dry	No	Listed as "Blown Out" by BLM, no water present	41.46	-110.74	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N	118W	15
1745 Unknown		nerer BLM	Dry	Potential	RIPS DATABASE	41.46	-110.42	Phase II	Muddy Creek-Town of Carter	Carter Lease	BLM	17N	115W	16
1746 Unknown		nerer BLM	Wet	Yes	Water present, culvert through dam face	41.46	-110.73	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N	118W	15
1747 Unknown		nerer BLM	Dry	Potential	no water present cement diversion ditch present	41.45	-110.80	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	BLM	17N	118W	18
1748 Unknown		nerer BLM	Dry	Potential	No Water Present	41.45	-110.79	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N	118W	17
1749 Unknown		nerer BLM	Dry	Potential	No Water Present	41.45	-110.79	Phase II	Clear Creek-Shurtleff Creek	Cumberland/Uinta	Private	17N	118W	17
1750 Unknown		nerer BLM	Wet	No	Listed as "Blown Out" by BLM, water present blown out: Not a watersource because BLM lists it as "blown out"	41.45	-110.67	Phase II	Clear Creek-Shurtleff Creek	Albert Creek	Private	17N	117W	17

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1792 Unknown Remmere BM, Wet Yes RPS DATABASE SIDA 110.04 Phase III Black ForGuarry Creek BM 1794 Unknown Remmere BM, Wet Yes RPS DATABASE SIDA 110.04 110.04 110.05 Remmere BM, Wet Yes RPS DATABASE SIDA SIDA Remmere BM, Wet Yes RPS DATABASE SIDA SIDA Remmere BM, Wet Yes RPS DATABASE SIDA SIDA SIDA Remmere BM, Wet Yes RPS DATABASE SIDA SIDA SIDA Remmere BM, Wet Yes RPS DATABASE SIDA SID				
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1804 Unknown Kemmere BLM Dry Potential RIPS DATABASE 41.14 1.10.49 Phase II Willow Creek-Yellow Hollow Creek Sage Chicken Flat BLM 1805 Unknown Kemmerer BLM Wet Yes RIPS Database 41.13 1.10.51 Phase II Upper Smiths Fork Smith BLM 1807 Unknown Kemmerer BLM Wet Yes RIPS DATABASE 41.12 1.10.51 Phase II Upper Smiths Fork Smith BLM 1808 Unknown Kemmerer BLM Wet Yes RIPS DATABASE 41.12 1.10.51 Phase II Willow Creek-Yellow Hollow Creek BLM Willow Creek-Yellow Hollow Creek BL				
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Unknown Kemmere BLM Wet Yes RIPS DATABASE 1901 Cedar Mountain Reservoir #6 Rock Springs BLM Dry No BREACHED 1910 Cedar Mountain Reservoir #5 Rock Springs BLM Wet Yes 1910 Cedar Mountain Reservoir #5 Rock Springs BLM Wet Yes 1911 Unknown Rock Springs BLM Wet Yes 1912 Unknown Rock Springs BLM Wet Yes 1913 Cedar Mountain Reservoir #4 Rock Springs BLM Wet Yes 1914 Unknown Rock Springs BLM Wet Yes 1915 Cedar Mountain Reservoir #4 Rock Springs BLM Wet Yes 1916 And Springs BLM Wet Yes 1917 Unknown Rock Springs BLM Wet Yes 1918 Cedar Mountain Reservoir #4 Rock Springs BLM Wet Yes 1918 Cedar Mountain Reservoir #4 Rock Springs BLM Wet Yes 1919 Unknown UDCo Dry Potential See UDCo pdf Summary 1920 Unknown UDCo Dry Potential See UDCo pdf Summary 1931 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1932 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1933 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1934 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1935 Unknown UDCo Dry Potential See UDCo pdf Summary 1936 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1937 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1938 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1938 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1938 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1938 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1938 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1939 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry No See UDCo pdf Summary 1930 Unknown UDCo Dry				
1901 Cedar Mountain Reservoir #6 Rock Springs BLM Dry No BREACHED Sage Creek-Reed Reservoir Currently No Name BLM				
1910 Cedar Mountain Reservoir #5 Rock Springs BLM Wet Yes				
1917 Unknown Rock Springs BLM Wet Yes See Uncorp of Summary State of Wyomia 2035 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry No WASHED OUT, See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry Potential See UDCo pdf Summary 1005 Unknown UDCo Dry No See UDCo pdf Summary 1005 Phase II Porter Hollow Granger Lease Private 1005 Unknown UDCo Dry No See UDCo pdf Summary 1005 Phase II Porter Hollow Granger Lease Private 1005 Unknown UDCo Dry No See UDCo pdf Summary 1005 Unknown UDCo Dry No See UDCo pdf Summary 1005 Unknown UDCo Dry No See UDCo pdf Summary 1005 Unknown UDCo Dry No See UDCo pdf Summary 1005 Unknown UDCo Dry No See UDCo pdf Summary 1005 Unknown UDCo Dry No See UDCo pdf Summary 1005 Unknown UDCo Dry No See UDCo pdf Summary 1005 Unknown UDCo Dry No See UDCo pdf Summary 1005 Unknown UDCo Dry No See UDCo pdf Summary 1005 Unknown UDCo Dry No See UDC				
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ACE ID	Name	Source	Condition	Water Source	Notes	Lattitude	Longitude	Phase	HUC 12 Name	Allotment	Land Owner	Т	R	S
2045	CHURCH BUTTES #1	UDCo	Dry	No	See UDCo pdf Summary	41.54	-110.15	Phase II	Blacks Fork-Church Buttes Siding	Granger Lease	BLM	18N	113W	14
2049	TELEPHONE STOCK RESERVOIR	UDCo	Dry	No	SEDIMENT, See UDCo pdf Summary	41.53	-110.05	Phase II	Porter Hollow	Granger Lease	BLM	18N	112W	22
2051	SOUTH-EAST STOCK RESERVOIR	UDCo	Dry	No	BREACHED, See UDCo pdf Summary	41.52	-110.04	Phase II	Porter Hollow	Granger Lease	BLM	18N	112W	22
2052	BRUFF DRAW STOCK RESERVOIR	UDCo	Dry	Potential	See UDCo pdf Summary	41.52	-110.08	Phase II	Porter Hollow	Granger Lease	Private	18N	112W	29
2053	CATERPILLAR DRAW STOCK RESERVOIR	UDCo	Dry	Potential	See UDCo pdf Summary	41.52	-110.06	Phase II	Porter Hollow	Granger Lease	BLM	18N	112W	28
2054	CHURCH BUTTES 26-030	UDCo	Wet	Yes	WET IN TWO YEARS OF PHOTOGRAPHY, See UDCo pdf Summary	41.51	-110.14	Phase II	Porter Hollow	Granger Lease	Private	18N	113W	26
2060	Unknown	UDCo	Dry	No	ABANDON, See UDCo pdf Summary	41.48	-110.11	Phase II	Porter Hollow	Granger Lease	Private	17N	112W	7
2061	WILDCAT #3 STOCK RESERVOIR	UDCo	Dry	No	WASHED OUT, See UDCo pdf Summary	41.47	-110.04	Phase II	Porter Hollow	Granger Lease	BLM	17N	112W	10
2067	BLUEMEL STOCK RESERVOIR	UDCo	Dry	No	BREACHED, See UDCo pdf Summary	41.45	-110.07	Phase II	Porter Hollow	Granger Lease	State of Wyoming	17N	112W	16
2070	WILDCAT #1 STOCK RESERVOIR	UDCo	Dry	No	WASHED OUT, See UDCo pdf Summary	41.44	-110.09	Phase II	Porter Hollow	Granger Lease	BLM	17N	112W	20
2075	Unknown	UDCo	Dry	No	ABANDON, See UDCo pdf Summary	41.43	-110.11	Phase II	Porter Hollow	Granger Lease	BLM	17N	112W	30
2079	Unknown	UDCo	Wet	Yes	See UDCo pdf Summary	41.41	-110.16	Phase II	Blacks Fork-Jackknife Draw	Granger Lease	BLM	17N	113W	34
2091	Unknown	UDCo	Wet	Yes		41.28	-110.13	Phase II	Lower Cottonwood Creek-Blacks Fork	Lyman Cattle	Private	15N	113W	15

APPENDIX 3A COMPANY RANCH PROJECT DESCRIPTIONS

United States Department of Agriculture



Natural Resources Conservation Service 1625 West Pine Street PO Box 36 Pinedale, Wyoming 82941

September 13, 2012

To: Jeff Lewis, District Conservationist Lyman Field Office

Re: Trip Report for September 11th site visit to The Company Ranch/Albert Creek Allotment

Present: Bill Sears, leasee; Erik Norelius, Biologist BLM; Ben Wise, Habitat Biologist WGFD; Dave Kimble, Biologist USFWS; Karen Clause, RMS NRCS; Meghann Durbrow, SGI Planner NRCS; Jeff Lewis, DC NRCS

Cooperating agencies met to conduct onsite investigations for potential water projects on the east side of Highway 189 in the Albert Creek Allotment. Once a decision to proceed with project planning/design and a priority is established for each project, an individual project proposal will be drafted with a map. Below is a summary of the areas visited, and an attached map.

Section 6 Well on BLM (Sec 6 T18N R116W)

This is an existing well with water levels above ground surface in the casing (aka ‰on-flowing artesian well-). It looks like it spills into the adjacent pond at least seasonally, but is not currently a functioning perennial water source for livestock or wildlife. It looks to be a very old well, possibly from the 1910¢ using the old drilling process with steel cable on a wheel set on wood pilings. It is likely a cultural resource that will need to be considered during planning of the project. No water right information could be found using the SEO online water rights database. The preferred alternative consists of a solar pump and PVC sleeve into existing casing with a pipeline taking water uphill to a storage tank and then gravity feed to approximately 2 trough locations. Well site will be fenced with a steel jack fence (non-ground-disturbing). Project will cross both BLM and private land. It is in a sage grouse Core Area as well as winter range for pronghorn and mule deer. NEPA will be required. At this point, project is considered a high priority because of the reliability of water and current lack of perennial within 2 miles.



Well with overflow to pond (non-functioning)

Helping People Help the Land

Cumberland No. 9 on Anadarko (Sec 7 T18N R116W)

This is an existing pond that is breached with active head-cutting, however it may still hold some seasonal water in wet years. The pond has a small watershed, and if the Section 6 well/pipeline project is implemented, it will not be a necessary water source. However, it would be beneficial to wildlife as well as the vegetation and soil resource to fix the breach and stop the head-cutting. It is in a sage grouse Core Area as well as winter range for pronghorn and mule deer. Its priority will be low until decisions can be made regarding the Section 6 Well/Pipeline project.



Cumberland No. 9 breach and head-cut in existing pond embankment

While onsite to discuss this project, we investigated and discussed a bigger erosion problem. The problem is occurring in the WYDOT right-of-way (ROW) adjacent to the pond. A series of severe head-cuts are located in the ROW, and look to be caused by highway drainage and reclaimed slopes. It was recommended to first contact WYDOT (District Engineer in Rock Springs?) so that they can address the problem. If a solution is not forth-coming, the BLM and Anadarko may need to take precautionary measures by installing grade control structures outside the ROW to assure the problem does not continue to impact their lands. The potential solution by those present include a plunge pool on the outlet side of highway culvert and a minimum of 2 drop structures to dissipate energy and prevent further head-cutting.



Upper-most head-cut in ROW moving towards fence.

Section 20 Pond on BLM (Sec 20 T18N R116W)

This is an existing pond with active head-cutting in the emergency spill-way that is impacting one of the main access roads into this area. However, it still holds some seasonal water in wet years, and all present agreed that this pond was well designed. The pond is fed by a relatively small watershed, with an un-developed seep at the head-waters and another pond (Cumberland No. 16) between the seep and this pond. If seep were developed with troughs, it will not be a necessary water source. However, it would be beneficial to wildlife and as well as the vegetation and soil resource to fix the breach and stop the head-cutting. It is in winter and yearlong range for pronghorn and mule deer. Recreationists have already begun to re-route the road above the erosion, and while not ideal will avoid further impact to the road. Its priority will be low until decisions can be made regarding the seep above the Cumberland No. 16 pond.

Section 19 Seep/Spring on Anadarko (Sec 19 T18N R116W)

This is an undeveloped seep with only one small hole bearing surface water. The hydrophytic vegetation (Baltic rush) indicates a consistent water source within several feet of the surface. There is much evidence of sage grouse, coyote, antelope, and other wildlife around this water hole that is the size of a cow hoof print. Digging hands into the hole, yielded a chorus frog. Below the seep is the Cumberland No. 16 Pond which appears to be in good shape and holds seasonal water in most years. A three foot test hole was recommended to see what kind of water yield could be expected. If water source is good, an Elgin drain is recommended, with or without a collection box, to develop and pipe water via gravity to a covered tank near the pond to reduced evaporation. The spring source will be fenced to protect development. In normal years, it is anticipated that the pond will function as a seasonal water source for wildlife. It is in winter and yearlong range for pronghorn and mule deer. This project is a high priority due to its location in the pasture and on private land, and the potential reliability of the water source.



Seep/Spring surface water in hole the size of a cow hoof print



Cumberland No. 16 Pond looking upstream toward seep/spring

Cumberland No. 22 Well on Anadarko (Sec 19 T18N R116W)

This is a seep currently with surface water in a more incised drainage. There is a water right filing on this seep as a developed shallow well, and we found evidence of digging a trench (trench with spoil in the riparian area). The trench is currently dry and surface water is above the point of disturbance, which has now caused a head-cut. There is lots of hydrophytic vegetation (Nebraska sedge and Baltic rush) as well as Canada thistle. Currently, the vegetation surrounding the surface water shows signs of impact from watering wildlife (no livestock in this pasture this year). Antelope have been very effective at controlling seed production on the thistle. Below the seep is the Cumberland No. 14 Pond which appears to be in good condition and holds perennial water in most years. It is currently dry, but was full one month ago (with over 60 head of antelope onsite), and this is the driest year in 70 years. An Elgin drain is recommended with 2 gravity pipelines, one to supply water immediately back to the drainage and prevent impacts to the riparian area and the other to a covered trough located below and outside the riparian vegetation. The spring source will be fenced to protect development. In normal years, it is anticipated that the pond will function as a perennial water source for wildlife. It is in winter and yearlong range for pronghorn and mule deer. This project is a high priority due to its location in the pasture and on private land, its existing water right, and the reliability of the water source.



Cumberland No. 14 Pond looking upstream toward Cumberland No. 22 Well (seep/spring)

Bridger No. 3 Pond on Anadarko (Sec 35 T18N R117W)

This is an existing pond with a breach in the center of the embankment. It is located in an area with some wetter vegetation (Baltic rush, inland saltgrass), and soils look like bentonite clay. Because of its location in rough topography, any project to develop water would be more for wildlife than livestock. This was discussed as a good wildlife guzzler location with corrugated metal apron and a buried fiberglass tank. It is in crucial winter range for mule deer and yearlong range for pronghorn. Although pond repair was discussed, no clear alternative to do so agreed upon. Its priority will be low until decisions can be made regarding the funding source for a guzzler and what would need to happen to fix the pond.



Bridger Well No. 13 on Anadarko (Sec 1 T17N R117W)

This is an existing spring development that is marginally functional. It has a metal CMP collection box that is crushed and rusty with questionable water quality, and a PVC pipe underground for approximately 30 feet that daylights and flows onto the ground next to a silted in metal sheep trough. There is a water right filing on this seep as a developed shallow well. Recommended action is to re-develop just 2 feet above existing collection box with plastic materials and provide 2 gravity flow pipelines, one to immediately return flow to the drainage to protect riparian values and the other to a trough downstream and out of the drainage (near Bridger No. 4 Pond). It is in crucial winter range for mule deer and yearlong range for pronghorn. This project is a high priority due to its location in the pasture and on private land, its existing water right, and the reliability of the water source.



Bridger Well No. 13 collection box



Outlet of spring development looking up toward collection box

Section 30 Spring on BLM (Sec 30 T18N R116W)

This is a drainage with high concentration of Baltic rush that had moisture earlier in the season. Although soil moisture was evident below the surface and hydric soils were encountered, no water was found while onsite. This project is low priority because of its location on BLM land and the amount of time necessary to obtain the clearance needed to dig a test hole to look for water.

Albert Creek Well #1 on State Lands (Sec 36 T18N R117W)

This is an existing well that is 625 feet deep with 25gpm flow and existing pump in the casing. It was water righted in 1992. A number of energy sources were discussed to get water up to a storage tank, but because of depth it was felt that a generator was the only practical alternative. From storage tank, the water could be taken 2 different directions gravity flow to troughs. To the south, it could be taken 1 ¼ miles to the cross-fence just before BLM lands with the intent to someday tie into the system and take it further south once BLM NEPA process is complete. To the north, it could be taken approximately 1 mile without going onto BLM lands. Because Bill and George do not currently hold the state land lease (it is still in Broadbents name), it will complicate this project. It is in crucial winter range for mule deer and yearlong range for pronghorn. This project is a high priority due to its location in the pasture, its existing water right, and the reliability of the water source. However, it is low priority until state lands issues are resolved (we left a message with Michael Henn earlier in the day, and will update status when he returns our call).

Southeast Pasture Cross-Fence (Secs 1,2,11,12 T17N R117W)

This is an existing 5-6 strand barbed wire fence that is very unfriendly to migrating and wintering pronghorn and mule deer. The recommendation is to modify or replace this 2 miles (10,722ft) of fence with a 3-4-strand wildlife friendly fence with proper spacing and smooth bottom wire. It is in crucial winter range for mule deer and yearlong range for pronghorn.

While in route to look at Bridger No. 10 Pond, it was discovered that the existing cross-fence had been rendered non-functional by the removal of all steel t-posts. Brace posts remained as well as all 5-6 wires were laying on the ground. While running vegetation baseline transects in the area on August 24th, Meghann and I witnessed a white crew cab truck (possibly with flat bed, maybe tank on the back) with a minimum of 2 men working in the area of the Cumberland No. 29 Well and Cumberland No. 26 Pond at approximately 8am. We later (approximately 3pm) witnessed the same truck and men working on this fence and assumed they were maintaining it for Bill and George. In addition, the shrubs show evidence of much higher browse and clubbing in this pasture. When onsite in August, it was observed that the gate in the southern boundary fence was open. There is a question if this site is still receiving winter sheep use or if all use can be attributed to wintering wildlife. Bill phoned me the next morning (September 12th) after investigating Cumberland No. 29 Well and associated pond and troughs. It appears that the fiberglass tank has been removed and spring shut down, but otherwise appears functional.





Southeast Pasture Cross-Fence with t-posts removed and wire on ground

Bridger No. 10 Pond on Anadarko/BLM (Sec 23 & 24 T17N R117W)

This is an existing set of ponds with a breach in the center of the embankment. The lowest pond is located on BLM in Sec 24 with a blown out emergency spillway that greatly reduces capacity. This pond has not water right associated with it. Above are two ponds (only 1 pond is permitted), the first is the primary permitted structure and shows evidence of 3 separate breaching events. There are 2 bermed spillways that had blown out and then a breach in the center of the embankment. The uppermost pond was constructed by digging out the bottom of the drainage and piling spoil in the shape of an embankment, but it is clear that no compaction happened during construction. It is located in an area with some wetter vegetation (Baltic rush, inland saltgrass), and soils are highly erosive with high amounts of clay and salts. We also found bull thistle in the bottom of the upper pond.

One of the spillway blowouts exposed a sandstone contact zone with a coal seam and there is a small amount of surface water trickling out of this seam. It is evident by the trailing that all game in the vicinity have been using this small water source, and it is likely the only surface water in this entire southeast pasture and within several miles. It is in crucial winter range for mule deer and yearlong range for pronghorn. This was discussed as a good wildlife guzzler location, and all agreed that a pond in this location is not feasible. In fact, a project should be made of removing the existing ponds and reclaiming the area to stabilize the drainage and soil erosion that is occurring. Several attempts were made to generate an alternative that developed the existing surface water while keeping the project on private land, but it is right on the section line and will require at a minimum a legal survey to determine land ownership for the project area. A hydrogeologic investigation is recommended to determine the appropriate drilling location for a shallow well to develop the seep. While onsite, a bison jaw and tooth were found in the drainage below the second pond. The priority of this project is high because of the lack of reliable and perennial water in this pasture, however it is anticipated that there will be many issues to resolve such as NEPA, reclamation, project design, and cultural resources prior to construction of a project so estimated timeline will be several years down the road.



Breach in Bridger No. 10 Pond embankment



unpermitted pond on BLM in Sec 24 T17N R117W



Uppermost pond with un-compacted embankment





Bison jaw and tooth found below permitted structure in drainage bottom

On the attached map, all project sites that were visited on September 11th are circled in red. Other identified potential projects, some of which have been visited by only some of the cooperating entities, are circled in purple. A similar type site visit will likely be necessary in order to progress in our planning of these projects. This visit will be coordinated by the NRCS and leasees at a future date.

Below is a brief summary of those projects:

Elkol No. 3 Pond

This is an existing pond that looks like it provides good seasonal water in the North Pasture, but the spillway has a head cut. It is located on state land, and therefore has the same issues as Albert Creek Well #1, but since this fix may be inexpensive, it is possible that it is worth the leasees repairing it on their own to protect the integrity of the structure.



Head cut in spillway



View of pond looking downstream at embankment

Section 1 Well on Anadarko (Sec 1 T18N R117W)

This is an existing well in the Little Muddy Creek riparian pasture that is east of highway 189 (originally part of East Pasture). Development of this offsite water source may help accelerate riparian recovery in this pasture. No water right information could be found in the SEO online water rights database.



Section 1 Well

Little Muddy Creek Riparian Pasture Cross Fence (Secs 1 & 6 T18N R117W)

This existing fence is a 5-6 wire barbed fence that is very unfriendly to migrating and wintering pronghorn and mule deer. The recommendation is to modify or replace this 2 ¾ miles (14,364ft) of fence with a 4-strand wildlife friendly fence with proper spacing and smooth bottom wire. Note: There are a number of other fences adjacent to The Company Ranch headquarters that could be modified or removed to reduce mortality of pronghorn and mule deer (length estimated at 7 miles).

Section 20 Spring/Pipeline on BLM/Anadarko (Sec 20 T18N R117W)

This is a previously developed spring with a pipeline extending approximately 2 miles into the North Pasture. The spring originates on BLM and pipeline runs through both BLM and Anadarko lands. It is no longer a functional system, and the previous leased had installed it without the proper permits or NEPA analysis and BLM approval. Although the implementation was poorly executed, the intent and purpose for the project was and still is good. Recommend same basic plan with spring development and then a gravity pipeline to service existing breached pond (Sec 20 Pond submitted in 2012 as a project repair breach) as well as 3 troughs located in close proximity to existing ponds (Elkol No. 5 and 7 Ponds as well as un-permitted pond in Sec 22 on BLM). The spring source would be fenced for protection. This project has been discussed onsite with USFWS and BLM during 2012 project site visit, and recommended for later submission as a project.

Section 31 Spring/Pipeline on Anadarko/BLM (Sec 31 T18N R117W)

This is a previously developed pond that is breached with willows and cottonwoods growing in bottom of drainage. Above the pond has Baltic rush, indicated water near the surface, but there is currently no water on the surface (as per July 2012). An alternative would be to develop seep as a shallow well with storage tank and gravity flow a pipeline to service troughs located in close proximity to existing ponds (Sec 5 unpermitted pond, Meadow Draw #1, and Elkol No. 9). It is not anticipated that fencing will be necessary as livestock access is limited by the terrain. The spring area originates on Anadarko and pipeline would run through both BLM and Anadarko lands. This project has been discussed onsite with USFWS and with leasees, however not onsite.





Pond bottom looking at breached embankment and from embankment looking downstream

Section 4 Pond on BLM (Sec 4 T17N R117W)

This is an existing seasonal pond with breaching occurring. If the Sec 31 Spring/Pipeline Project is implemented, it will lessen need for water in this area. Also, there is another seasonal pond nearby, so priority may be low.

Bridger No. 14 Well and Bridger No. 7 Pond on Anadarko

Although currently permitted facilities, they do not actually exist onsite. There may have been some excavation for the spring seep, but no embankment is readily visible on the landscape at this location. There is good surface water at this location and upstream in several places. The headwater is the Bridger No. 13 Well spring development. Although the location is not ideal to protect riparian and soil resources, development would provide a more reliable water source in the Southeast Pasture that currently does not exist. Fencing would protect the spring source. The water source was shown to the leasees, but no alternatives presented at that time.

Section 19 Well/Pipeline on Anadarko/BLM (Secs 19,20,16 T17N R117W)

This is an existing water well associated with previous coal bed methane exploration. The leasees have proposed installing a storage tank and running a gravity pipeline for approximately 2 miles with trough locations on BLM in Sec 20 and on Anadarko in Sec 16 just east of state land. The well originates on Anadarko and pipeline would run through BLM, state, and Anadarko lands. Energy source has not been selected and will depend on the depth to water in the well.

The next course of action will be for all participating entities to provide feedback on this report, project priorities, and resources, both technical and financial, they may have available to implement identified high priority projects. If another day of site visits can be scheduled in the fall of 2012, it may help focus those priorities. For projects identified as low priority due to project complexities such as land ownership and/or design, a timeline and strategy will need to be developed using all available resources to assure that the required NEPA analysis is completed and progress is made toward their implementation.

Submitted by,

Karen J. Clause, Rangeland Management Specialist NRCS

Cc: Meghann Durbrow, NRCS

Bill Sears & George Collins, leasees Erik Norelius & Steve Calkum, BLM

Ben Wise, WGFD Dave Kimble, USFWS Andrew Voelker, Anadarko

Encl 2013 Project Overview Map

