

4. Project Development Overview

4.a. Required Administrative Actions

The administrative actions required per each phase of the Upper Green River RPP by the BLM involve: securing funding, writing and distributing bid packages, awarding contracts, providing administrative oversight and in-field observation. Contract services include, but are not limited to, surveying, recreation planning, landscape architecture, civil engineering, GIS mapping, hydrologic analysis, and project construction.

4.b. Required Interim Use Supervision

Because this is a 20 year project plan, some of the current uses within the Upper Green River SRMA will not change until after the recommended improvements are phased in. After each phase of improvements, the BLM may need to regulate the site(s) for an interim period to ensure the recommended management practices are being followed. For example, when the campsites are moved from their current locations to outside the 200' river setback zone, the BLM may need to visit each river access site periodically to ensure that extended-stay users are occupying the new campsites and are using the old river edge clearings for day-use only. It may be necessary to construct temporary barriers to help enforce the new use areas and keep users out of sensitive areas.

Many of the Upper Green River SRMA users are repeat visitors. Therefore, user education on new use protocol is necessary and may be accomplished at the information kiosk with oversight reinforcement being provided through site visits by the Field Office Recreation Planner and the Warren Bridge Camp Host. Making information flyers available to visitors explaining the purposes of the modifications will help encourage compliance. Occasional visits by BLM regulatory enforcement officials during peak periods may be appropriate.

The hiring of a recreation technician is also advisable. The recreation technician would be available to encourage proper use through one on one contact and also would be able to monitor commercial permit use compliance. The technician can assist in maintaining a use log for projections on future improvement needs and help with the on-site maintenance.

Weed control is a major concern throughout the project area. The BLM will have to instate preventative measures to ensure that weeds do not colonize the Upper Green River SRMA. This is especially true in areas that will undergo a significant level of disturbance, such as spur road re-alignments/restorations and campsite clearings. Area volunteers may also assist with monitoring and visitor assistance.

4.c. Project Development Phasing Outline

The Recreation Project Plan for the Upper Green River Special Recreation Management Area is a 20-year, multi-phased plan. The initial phase is based on immediate need and funding availability. Subsequent phases will be implemented based on the level of occupation, use and the need for resource management as determined by the BLM Pinedale field office. It may be helpful to have a campground host/recreation technician to collect use data. Data such as the level and distribution of site use (per week, per season, total number of site users, type of use – day, extended stay - etc.) would aid the field office in anticipating when to implement the next phase of the project.

Phase I:

Install BLM Road 5201 improvements, including: 8 24"X22' culverts and grading identified problem areas.

All spur roads recommended to be relocated in the RPP, shall be. Old spur road alignments will be reclaimed.

Vault toilets to be installed at all sites recommended in the RPP.

Boat ramp improvements and associated day-use parking areas to be installed at Sites 1, 2, and 12A.

Individual/tent and/or group campsites to be installed at select sites. Site 1 would receive three individual/tent campsites and one group campsite, Site 2 would receive two individual/tent campsites, Site 4 would receive two group campsites, Site 5 would receive two individual/tent campsite one group campsite, and Site 12A would receive one individual/tent campsite. All campground improvements will be accompanied by new fire rings and picnic tables.

The BLM Road 5201 and Site signage recommended in the RPP will be installed.

Phase II:

Relocate the intersection of Highway 191/189 and BLM Road 5201. Surface BLM Road 5201 with 6" of gravel.

Develop the informational kiosk area at the relocated intersection. Develop graphic and written display pieces for the kiosk and install these improvements.

Develop a day-use area between Sites 5 and 6. This area will include parking, a boat ramp, a vault toilet and signage.

Install a boat ramp and associated parking area at Site 12B.

Improve the parking areas at Sites 4, 7 (and those listed above).

Individual/tent and/or group campsites to be installed at select sites. Site 1 receives one individual/tent campsite. Site 2 receives one individual/tent campsite. Site 6 receives one group campsite. Site 7 receives two individual/tent campsites and one group campsite. All campground improvements will be

accompanied by new fire rings and picnic tables.

The SRMA Trail is installed and signed. The trail is accompanied by a brochure.

Phase III:

Develop the outdoor learning amphitheater.

Complete development at all river access Sites. At Site 6: Two group campsites and two individual/tent campsites. At Site 7: one group and one individual/tent campsites.

4.d. Project Development Schedule Outline

Please refer to the Phasing Chart on following page.

Upper Green River SRMA Recreation Project Plan Phasing Matrix

Item	Phase I	Phase II	Phase III
Road Improvements	BLM Road 5201 Drainage Culverts/Minor Grading. Spur Road Realignment and Reclamation	BLM Road 5201 Resurfacing. Entry Relocation	none
Vault Toilet	Replace All Existing Pit Toilets (Sites 1, 2, 3, 4, 5, 6, 7, 9, 10 and 12A)	Day Use Site, Site 12B	none
Boat Launch	Site 1(two launches), Site 2, Site 12A	Day Use Site, Site 12B	none
Parking Area	Sites 1, 2, and 12A	Day Use Site, Sites 4, 7, 12B	Site 6
Individual Campsites	Site 1 (1), Site 2 (2), Site 5 (2), Site 12A	Site 1 (1), Site 2 (1), Site 7 (2)	Site 6 (2), Site 7 (1)
Group Campsites	Site 1 (1), Site 4 (2), Site 5 (1)	Site 6 (1), Site 7 (1)	Site 6 (2), Site 7 (1)
Signing	Spur Road Intersections and River Access Sites with Above Improvements	River Access Sites with Above Improvements	River Access Sites with Above Improvements
Other		Install Informational Kiosk . Develop SRMA Trail.	Amphitheater

4.e. Recommended Method of Project Survey, Design and Construction

The goal of this Recreation Project Plan is to get the recommended improvements installed in a efficient and economical manner. Phase I will be completed by BLM personnel. Subsequent phases may be accomplished through a combination of BLM personnel and contractors. The composition of the team should be determined based on the current and projected workload of the BLM office in charge of the work.

4.f. Preliminary Project Cost Estimate

Upper Green River Special Recreation Management Area

Proposed Improvements Construction Estimate - November 2003

(Pricing does not reflect inflation over 20 year period)

	Quantity	Unit	Unit Cost	Amount
Main Access Road				
Access road improvements w/ 6" gravel	6.35	Mile	\$54,121	\$451,810
24" Culverts with Rip Rap	176	Linear Feet	\$220	\$38,720
New intersection at Hwy 189/191	1	Lump Sum	\$24,872	\$24,872
			Total:	\$515,502
Information Kiosk Area				
Turnaround area w/ 6" gravel	1	7855 s.f.	\$13,214	\$13,214
SRMA informational sign	1	Sign	\$3,500	\$3,500
Natural history sign	1	Sign	\$3,500	\$3,500
Cultural history sign	1	Sign	\$3,500	\$3,500
Dip tank	1	Tank	\$1,500	\$1,500
			Total:	\$25,214
Amphitheater Area				
Amphitheater	1	Amphitheater	\$18,500	\$18,500
			Total:	\$18,500
River Access Sites				
Boat ramps - rip-rap/gravel/boulders	6	360 s.f.	\$1,890	\$9,450
Day use parking area w/ boulders	9	11000 s.f.	\$25,980	\$233,820
Group camping areas	9	15000 s.f.	\$13,500	\$121,500
Individual/ tent camping areas	15	5000 s.f.	\$4,500	\$67,500
Picnic tables 8' ADA	25	Table	\$762	\$19,050
Fire ring/ grill ADA	36	Fire Ring	\$443	\$15,948
Single vault toilet ADA (manufacturer quote)	12	Toilet	\$11,757	\$141,086
Spur road re-alignments	1	Lump Sum	\$30,000	\$30,000
Spur road reclamation	1	Lump Sum	\$50,000	\$50,000
Spur road and site signing	12	Sign	\$350	\$4,250
Interpretive sign at Site #12	1	Sign	\$1,750	\$1,750
SRMA Trail with Signs and Brochure	1	Lump Sum	\$10,000	\$10,000
			Total:	\$704,354
			Construction:	\$1,263,570
			Contingency 15%:	\$189,535.49
			Total Construction:	\$1,453,105
Design and Engineering				
Aerial imagery flight	1	Flight	\$15,000	\$15,000
Field work/ construction documents	1	CD Package	\$95,000	\$95,000
			Total:	\$110,000
			Grand Total:	\$1,563,105

Green River Recreation Project Plan Budget
Phase 1

Main Roadway Improvements	
Install 8 24"X22' culverts	\$ 38,720.00
Misc. Grading, problem areas	\$ 15,000.00
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Spur Road Re-location	\$ 30,000.00
Spur Road Reclamation	\$ 50,000.00
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Vault Toilets	\$ 117,570.00
(Sites 1, 2, 3, 4, 5, 6, 7, 9, 10, and 12A)	
one per site	
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Boat Ramp Improvements	\$ 7,560.00
(Sites 1(2), 2(1), 12A(1))*	
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Parking Areas with Boulder and Landscape Treatment	\$ 77,940.00
(Sites 1, 2, 12A)	
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Campsites: Group	\$ 54,000.00
(Sites 1(1), 4(2), 5 (1))	
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Campsites: Individual/Tent	\$ 36,000.00
(Sites 1(3), 2(2), 5(2), 12A(1))	
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Picnic Tables (16)	\$ 12,192.00
Fire Rings (13)	\$ 5,759.00
Signage at Spur Road Intersections and River Access Sites	\$ 6,000.00
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TOTAL	\$ 450,741.00

* Site # (Quantity at Site)

**Green River Recreation Project Plan Budget
Phase 2**

Construction Documents (For Listed Improvements Only)	\$ 60,000.00
Main Roadway Improvements	
Entry Relocation	\$ 24,872.00
Install 6" gravel	\$ 451,911.00
Kiosk Area	\$ 25,214.00
Vault Toilets (Day-Use Site and Site 12B) one per site	\$ 23,514.00
Boat Ramp Improvements (Day-Use Area, Site 12B)	\$ 3,780.00
Parking Areas (Sites 4, Day-Use Area, 7, 12B)	\$ 103,920.00
Campsites: Group (Sites 6(1), 7(1))	\$ 27,000.00
Campsites: Individual/Tent (Sites 1(1), 2(1), 7(2))	\$ 18,000.00
SRMA Trail with Signs and Brochure	\$ 10,000.00
Picnic Tables (8)	\$ 6,096.00
Fire Rings (6)	\$ 2,658.00
Signage within River Access Sites	\$ 2,500.00
TOTAL	\$ 759,465.00

**Green River Recreation Project Plan Budget
Phase 3**

<u>Construction Documents</u> (For Listed Improvements Only)	<u>\$ 35,000.00</u>
<u>Parking Areas</u> (Site 6)	<u>\$ 25,980.00</u>
<u>Amphitheater Area</u>	<u>\$ 18,500.00</u>
<u>Campsites: Group</u> (Sites 6(2) 7(1))	<u>\$ 40,500.00</u>
<u>Campsites: Individual/Tent</u> (Sites 7(1), 6(2))	<u>\$ 13,500.00</u>
<u>Picnic Tables (6)</u>	<u>\$ 4,572.00</u>
<u>Fire Rings (5)</u>	<u>\$ 2,215.00</u>
TOTAL	<u>\$ 140,267.00</u>