



COST SHARE AGREEMENT
Between the
MT-DNRC Central Land Office
And the
US Forest Service – Gallatin National Forest, Bozeman District

This cost share agreement is between the agencies identified above, as negotiated for the following incident in accordance with the Statewide Cooperative Fire Protection Agreement # 05-FI-11015600-014 executed between the parties on 03/10/2005. The purpose of this agreement is to provide for a coordinated cooperative fire suppression operation on this fire and to describe the cost division.

General Fire Information:

Incident Name: **FLAMING ARROW FIRE**

Incident Start Date and Time: **09/26/2009 1624**

Origin: **Township T1N Range R7E Sections 19, 20, 29 and 30**

Estimated Size: **199 acres** Acres at the time of this agreement: **same**

Incident Cause:

Accidental re-ignite of permitted control burn (Gallatin Co. Sheriff investigation report, 9/27/2009).

Incident Numbers by Protection Agency:

| Agency | Incident # | Accounting Code |
|---------------------------------------|----------------------|------------------------|
| <i>MT DNRC - CLO</i> | <i>MT-CES-000501</i> | <i>879400</i> |
| <i>USFS – Gallatin NF, Bozeman RD</i> | | <i>(1502) PNE7SV</i> |

Agreement Period: This agreement becomes effective on the date indicated below and will remain in effect until amended or terminated.

State date/time: **09/26/2009 @ 1624**

End date/time:

Principal Contacts:

The following personnel are the principal contacts:

| Title: | Name: | Agency: |
|-------------------------------|-----------------------|--|
| Agency Administrator: | <i>Garry Williams</i> | <i>MT DNRC - CLO</i> |
| Agency Representative: | <i>Craig Campbell</i> | <i>MT DNRC – CLO (Bozeman Unit)</i> |
| Agency Administrator: | <i>Jose Castro</i> | <i>USFS-Gallatin NF – Bozeman District</i> |
| Agency Representative: | <i>Julie Shea</i> | <i>USFS-Gallatin NF – Acting FFMO</i> |
| Incident Business Advisor(s): | <i>Joyce Anderson</i> | <i>USFS – Gallatin NF</i> |
| Incident Commander: | <i>Craig Campbell</i> | |



Special Management Operational Conditions:

Document all decisions pertaining to special management considerations above the standard agreed upon, (i.e., cultural site preservation, fireline rehab, etc.).

For rehabilitation activities on private land (affidavit lands), if the private land owner agrees, MT DNRC (Bozeman Unit) will supply seed for dozer line rehabilitation along the northwest perimeter fireline within the GNF-affidavit land fire protection area. Gallatin NF will offer Resource Advisor assistance for dozer line rehabilitation operations, if needed.

Protection Responsibility:

1. Does the fire area or any mitigation actions taken affect more than 1 area of protection responsibility?
Yes

IF YES, use the following matrix to identify all agencies that:

- have responsibility for wildland fire protection, structure protection and structure fire suppression.
- have areas of overlapping responsibility.

| Entity & Protection Area Description | Wildland Fire Responsibility (Y or N) | Structure Protection Responsibility (Y or N) | Structure Suppression Responsibility (Y or N) |
|--|--|---|--|
| Federal Agency USFS – Gallatin NF <i>Area Description:</i> T1N, R7E, 19 & 30 | YES | YES | NO |
| State MT-DNRC – CLO <i>Area Description:</i> T1N, R7E, 20 & 29 | YES | YES | NO |
| County <i>Area Description:</i> | None | | |
| Local Government Bridger Canyon Fire <i>Area Description:</i> T1N, R7E, portions 20 & 29 | YES | YES | YES |

Definitions for Wildland Fire Protection, Structure Protection, and Structure Fire Suppression are contained in the Northern Rockies Coordinating Group Agency Administrators Memo of 5/28/08, entitled, “Community and Structure Protection Guidelines”.

<http://www.fs.fed.us/r1/fire/nrcg/index.html>

Structure Protection and Structure Suppression Details:

1. Were any structures threatened? **Yes**
2. Were structure protection actions conducted:
 - a. within the active fire area? **Yes**
 - b. outside the active fire area? **Yes**



IF YES to any of the above questions, use the following matrix to:

- document actions that were taken in regard to structure fire protection and structure fire suppression
- identify who has responsibility for those actions
- identify the locations of the actions taken.

ALL LOCATIONS WITHIN Township 1S, Range 7E

| Location and total number of structures at that location | Within active fire area? (Y or N) | Agency(s) Responsible for Structure Protection | Agency(s) Responsibility for Structure Suppression | Number of structures threatened at that location |
|---|--|---|---|---|
| Sec 29 & 30 / 5 | Yes | All Agencies | Bridger Canyon Fire | 5 |
| Sec 19, 20, 29 & 30 | N | All Agencies | Bridger Canyon Fire | 26 |

3. Describe the actions and financial responsibilities within the active fire area taken by each agency.

4. Describe the actions and financial responsibilities outside the active fire area taken by each agency.

Items #3 and 4 relate primarily to structure protection actions and financial responsibilities. Structure protection was provided by all agencies, including Mutual Aid resources. Structure protection actions included patrolling for spot fires throughout the potentially affected wildland urban interface areas within and outside (north and south) of the fire perimeter, Bridger Bowl Ski Area infrastructures and along MT Hwy 86. Bridger Canyon Fire Department was responsible for all structure suppression actions, if needed.

Other conditions relative to this agreement:

1. Costs incurred by cooperators not engaged with the host agency or IMT in the fire suppression activities will not be included as a part of this cost share agreement.
2. Responsibility for tort claim costs will not be a part of this agreement. Responsibility for these costs will be determined outside this agreement.
3. Costs for accountable, sensitive, and durable property purchased by each agency will be charged directly to that agency and will not be shared.
4. Non-suppression rehabilitation costs are the responsibility of the jurisdictional agency and will not be shared.
5. Suppression strategies and their related costs, including use of aircraft and retardant, will be documented and approved by the signatories to this agreement.
6. Per the Montana Cooperative Fire Protection Agreement billing procedures, the parties to this agreement will determine the total costs of each agency. Each agency will bill for their costs.

Cost Share Methodology: *Cost Share by Acre*

Fire suppression strategies and actions to minimize negative effects to wildland urban interface structures, Bridger Bowl Ski Area infrastructures, and along MT Hwy 86 was provided by all agencies, including Mutual Aid resources.

All agencies patrolled for spot fires to minimize negative effects to wildland urban interface situated both within the fire perimeter, as well as north and south of the fire perimeter, including numerous homes and outbuildings, Bridger Bowl Si Area infrastructure and along MT Hwy 86.



Criteria: Direct resources utilized across all direct protection areas are considered equal for the entire fire. Other reasons for choosing the 'cost share by acre' methodology include: (a) operational objectives and management tactics were the same for both agencies; (b) no extraordinary suppression tactics or protections measures were taken on either agencies protection; (c) values at risk were similar on both agencies protection; and (d) fuel component was similar across both agencies protection. The 'cost share by acre' methodology is based on percentage of acres burned within each direct protection area.

Total acres burned: 199 acres

Acres burned within MT DNRC direct protection area:

145 acres or 73% of total acres burned

Acres burned within USFS-Gallatin NF direct (Affidavit land) protection area:

54 acres or 27% of total acres burned

These percentages (73% and 27%) are applied to the total actual costs of the fire.

Attached map illustrates the Flaming Arrow Fire perimeter, land ownerships and fire protection responsibilities.

Final Agency Apportionment: Total Acres Burned – 199 acres

1. Federal Share: 27% (54 acres)
2. State Share : 73% (145 acres)

Signatures of Authorized Personnel & Attachments:

This agreement and the apportionment described are our best judgments of fair and equitable agency cost responsibilities.

Original Agreement: #1

Supplemental Agreement: Number _____ Supercedes Agreement # _____ Dated _____

Agency Name: **Gallatin National Forest, Bozeman Ranger District**
Address : 3710 Fallon Street / Suite C
City, State Zip: Bozeman, MT 59718

Signature: 
JOSE CASTRO, District Ranger

Date: 10/22/09

Agency Name: **MT DNRC – Central Land Office (Bozeman Unit)**
Address: 8001 N. Montana
City, State Zip: Helena, MT 59602

Signature: 
GARRY WILLIAMS, Area Manager

Date: 10/20/09