

The National Fire Plan

US Department of the Interior and USDA Forest Service
www.fireplan.gov



NFPORS – Frequently Asked Question

Why does the Treatment Unit Area need to be equal to the planned accomplishment for treatments measured in acres?

NFPORS must be able to report total and “footprint” areas treated through the federal rehabilitation and restoration and hazardous fuels reduction programs and document condition class changes within fiscal years.

Definitions:

Treatment Area is an area of land, measured in acres, within a defined perimeter that hazardous fuels or rehabilitation and restoration treatments are applied that meet the objectives federal program objectives. This area may include small or insignificant islands that were skipped or protected for various reasons.

Total Treatment Area is the sum of planned or actual accomplishment for all hazardous fuels reduction treatments – “treated acres.” Treatment areas that are treated multiple times to reach the final objective are counted each time they are treated.

Footprint Area is the sum of the spatial union of treatment areas. Footprint area represents the total area within the landscape where treatments are applied.

Thus we used the Planned or Actual Accomplishment for each treatment to determine the Total Treatment Area (Planned or Actual, respectively) and the Treatment Unit Area to determine the Footprint Area. These calculations must be accurate for a specified fiscal year.

Simple Example – Mill Creek Fuels Reduction

	Project Information	
	Project Name	Mill Creek Fuels Reduction
Planned Total Treatment Acres	1,800 acres	
Actual Total Treatment Acres	1,100 acres	
Planned Footprint Acres	1,250 acres	
Actual Footprint Acres	550 acres	

Treatment Unit Information – There are two Treatment Units in the Project			
Mill Creek Unit 1		Mill Creek Unit 2	
Acres	550 acres	Acres	700 acres
State	SD	State	SD
Fire Regime	I	Fire Regime	I
Latitude	43.9186	Latitude	43.9143
Longitude	-103.5632	Longitude	-103.5713
County	Pennington	County	Pennington
Congr District	1 st District	Congr District	1 st District
Representative	John Thune (R)	Representative	John Thune (R)
Condition Class Observation(s)		Condition Class Observation(s)	
Observation Date 9/15/2000		Observation Date 9/15/2000	
Condition Class 1	10-percent	Condition Class 1	20-percent
Condition Class 2	30-percent	Condition Class 2	20-percent
Condition Class 3	60-percent	Condition Class 3	60-percent
Observation Date 8/15/2001		(no subsequent observations to date)	
Condition Class 1	40-percent		
Condition Class 2	50-percent		
Condition Class 3	10-percent		

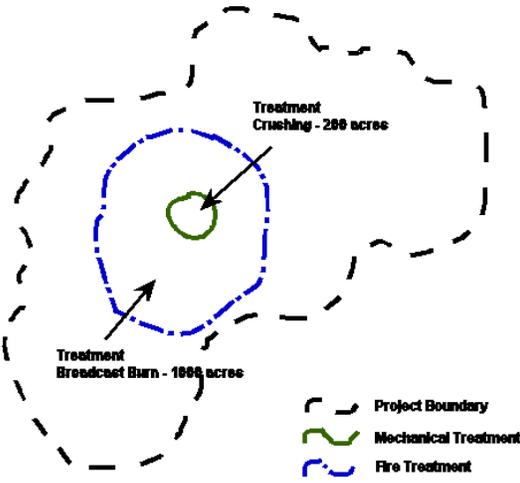
Treatment Information			
There are three Treatments. Two are in Mill Creek Treatment Unit 1. One is in Mill Creek Treatment Unit 2			
Mill Creek Unit 1 Mechanical Treatment		Mill Creek Unit 2 Mechanical Treatment	
Treatment Unit Name	Mill Creek Unit 1	Treatment Unit Name	Mill Creek Unit 2
Treatment Category	Mechanical	Treatment Category	Mechanical
Treatment Type	Hand Pile	Treatment Type	Thinning
Planned Initiation Date	8/1/2001	Planned Initiation Date	10/15/2003
Planned Completion Date	9/15/2001	Planned Completion Date	5/30/2003
Planned Accomplishment	550 acres	Planned Accomplishment	700 acres
Actual Initiation Date	7/15/2001	Actual Initiation Date	TBD
Actual Completion Date	8/15/2001	Actual Completion Date	TBD
Actual Accomplishment	550 acres	Actual Accomplishment	TBD

Mill Creek Unit 1 Prescribed Burn		(no subsequent treatments are currently planned for Mill Creek Unit 2)	
Treatment Unit Name	Mill Creek Unit 1		
Treatment Category	Prescribed Burn		
Treatment Type	Hand Pile Burn		
Planned Initiation Date	5/15/2002		
Planned Completion Date	5/30/2002		
Planned Accomplishment	550 acres		
Actual Initiation Date	5/15/2002		
Actual Completion Date	5/25/2002		
Actual Accomplishment	550 acres		

In the simple example above, the Mill Creek hazardous fuels reduction project has a total of 1,800 Total Treatment Acres planned. In contrast to the summary above, the Total Treatment Acres and the Footprint Acres for FY2001 would be 550 acres.

It is important to remember that a treatment unit is defined by a unique set of planned treatments. In the “Donut Example” below, the prescribe fire treatment is split across two different treatment units, because the “donut hole” is to be treated differently from the “donut” itself. Yet, this assignment of treatments to treatment units allows us to accurately report Total Treatment Acres and Footprint Acres for this project.

Donut Example – Treatment Units are defined by a unique set of planned treatments

Buffalo Run Fuels Reduction 	Project Information	
	Project Name	Buffalo Run Fuels Reduction
	Planned Total Treatment Acres	1,200 acres
	Actual Total Treatment Acres	200 acres
	Planned Footprint Acres	1,000 acres
	Actual Footprint Acres	200 acres

Treatment Unit Information – There are two Treatment Units in the Project			
Buffalo Run Unit 1		Buffalo Run Unit 2	
Acres	1,000 acres	Acres	200 acres
State	SD	State	SD
Fire Regime	I	Fire Regime	I
Latitude	43.9186	Latitude	43.9180
Longitude	-103.5632	Longitude	-103.5620
County	Pennington	County	Pennington
Congr District	1 st District	Congr District	1 st District
Representative	John Thune (R)	Representative	John Thune (R)
Condition Class Observation(s)		Condition Class Observation(s)	
Observation Date 9/15/2002		Observation Date 9/15/2002	
Condition Class 1	0-percent	Condition Class 1	0-percent
Condition Class 2	100-percent	Condition Class 2	0-percent
Condition Class 3	0-percent	Condition Class 3	100-percent
(no subsequent observations to date)		6/1/2003	
		Condition Class 1	0-percent
		Condition Class 2	100-percent
		Condition Class 3	0-percent

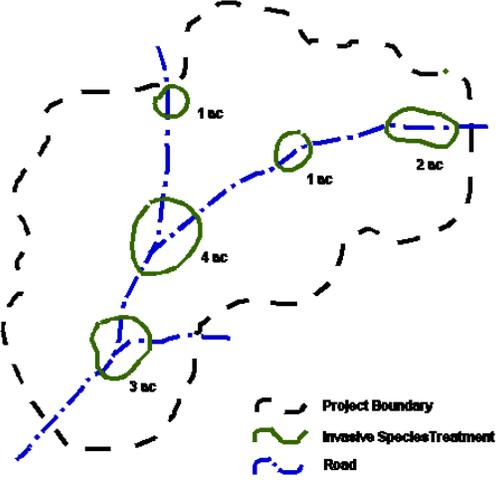
Treatment Information			
There are three Treatments. One for Buffalo Run Treatment Unit 1. Two for Buffalo Run Treatment Unit 2.			
Buffalo Run Unit 1 Prescribed Fire Treatment		Buffalo Run Unit 2 Mechanical Treatment	
Treatment Unit Name	Buffalo Run Unit 1	Treatment Unit Name	Buffalo Run Unit 2
Treatment Category	Fire	Treatment Category	Mechanical
Treatment Type	Broadcast Burn	Treatment Type	Thinning
Planned Initiation Date	9/15/2003	Planned Initiation Date	10/15/2002
Planned Completion Date	9/30/2003	Planned Completion Date	5/30/2003
Planned Accomplishment	1,000 acres	Planned Accomplishment	200 acres
Actual Initiation Date		Actual Initiation Date	11/1/2002
Actual Completion Date		Actual Completion Date	6/1/2003
Actual Accomplishment		Actual Accomplishment	200

(no subsequent treatments are currently planned for Buffalo Run Unit 1)	

Buffalo Run Unit 2 Prescribed Fire Treatment	
Treatment Unit Name	Buffalo Run Unit 1
Treatment Category	Fire
Treatment Type	Broadcast Burn
Planned Initiation Date	9/15/2003
Planned Completion Date	9/30/2003
Planned Accomplishment	200 acres
Actual Initiation Date	
Actual Completion Date	
Actual Accomplishment	

There is no rule that says that a treatment unit must be a contiguous area. In the final example below, a number of areas are aggregated into one treatment unit.

Mosaic Example – Areas to be treated may be aggregated into one treatment unit.

Castle Creek Rehabilitation		Project Information	
	Project Name	Castle Creek Rehabilitation	
	Planned Total Treatment Acres	11 acres	
	Actual Total Treatment Acres	11 acres	
	Planned Footprint Acres	11 acres	
	Actual Footprint Acres	11 acres	

Treatment Unit Information – There is one Treatment Unit in the Project			
Castle Creek Unit 1			
Acres	11 acres		
State	SD		
Fire Regime	I		
Latitude	43.9186		
Longitude	-103.5632		

County	Pennington		
Congr District	1 st District		
Representative	John Thune (R)		
Condition Class Observation(s)			
Observation Date 8/15/2003			
Condition Class 1	0-percent		
Condition Class 2	100-percent		
Condition Class 3	0-percent		
(no subsequent observations to date)			

Treatment Information			
There is one treatment for the Castle Creek Rehabilitation project.			
Castle Creek Invasive Species Treatment			
Treatment Unit Name	Castle Creek Unit 1		
Treatment Category	Invasive Plant Treatment		
Treatment Type	Chemical Treatment		
Planned Initiation Date	8/15/2003		
Planned Completion Date	9/1/2003		
Planned Accomplishment	11 acres		
Actual Initiation Date	8/15/2003		
Actual Completion Date	8/15/2003		
Actual Accomplishment	11 acres		