



Dolores River Restoration Partnership Progress Report

Where do we stand?

Who wants to know?



Dolores River Restoration Project - Status Acreage

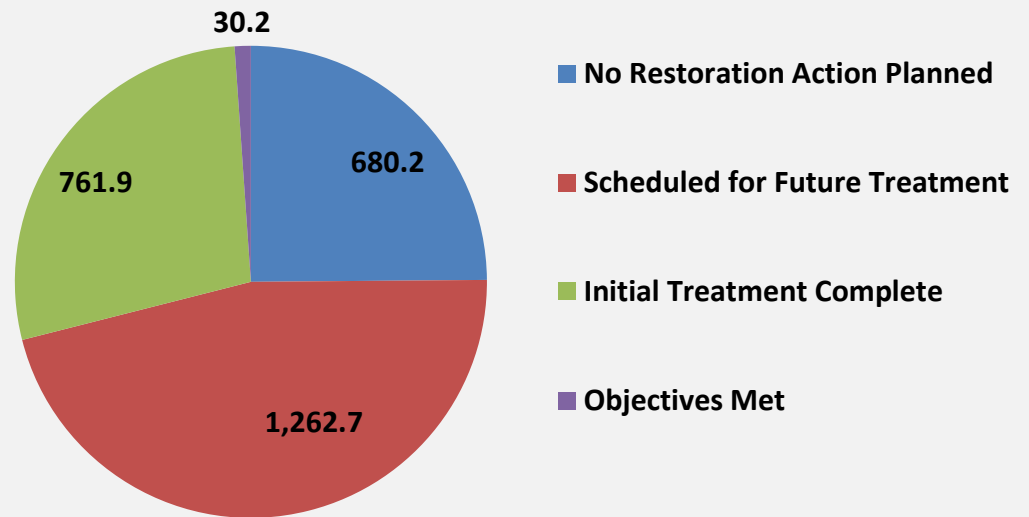
	Grand Junction		Uncompahgre	
Status	Acres	%	Acres	%
No Restoration Action Planned	9.3	1.2	50.1	16.5
Scheduled for Future Treatment	509.2	67.8	213.6	70.2
Initial Treatment Complete	202.3	26.9	40.4	13.3
Objectives Met	30.2	4.0	0.0	0.0
Total	751.0	100.0	304.1	100.0

	Tres Rios		Utah	
Status	Acres	%	Acres	%
No Restoration Action Planned	529.0	70.4	91.8	12.1
Scheduled for Future Treatment	90.0	12.0	449.9	59.5
Initial Treatment Complete	305.0	40.6	214.2	28.3
Objectives Met	0.0	0.0	0.0	0.0
Total	924.0	123.0	755.9	100.0

Project Totals		
Status	Acres	%
No Restoration Action Planned	680.2	24.9
Scheduled for Future Treatment	1,262.7	46.2
Initial Treatment Complete	761.9	27.9
Objectives Met	30.2	1.1
Grand Total	2,735.0	100.0



**Dolores River Restoration Partnership
Project Totals - Acres**



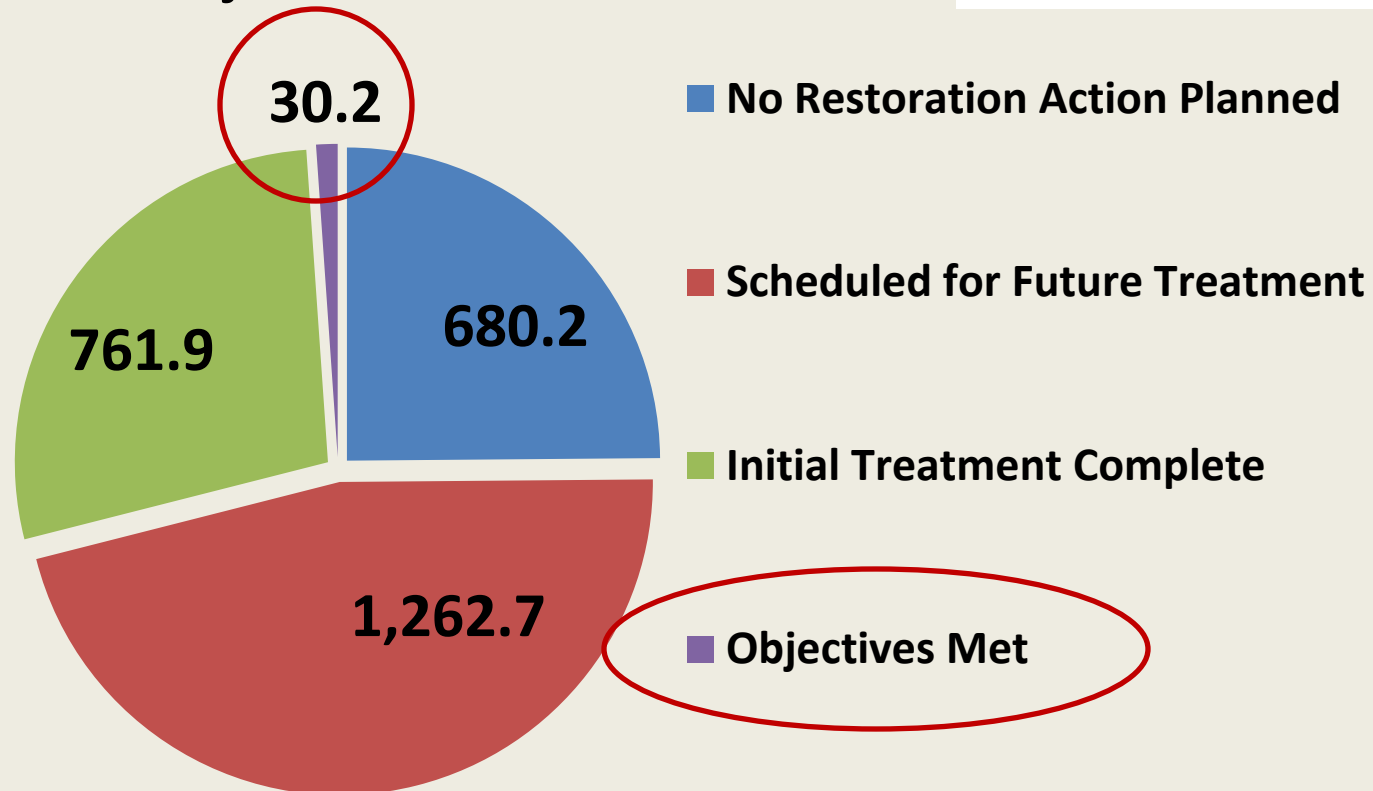
But there were problems with the report



We needed:

- to clarify the role of beetles as it relates to Partnership success.
- consistent and nuanced evaluation of what it means to be “Treated” so our report is more versatile – addresses multiple steps.
- acknowledgement that treatment polygons are likely to differ in size and shape depending on process step.

Dolores River Restoration Partnership Project Totals - Acres



Objective Met



The DRRP Vision:

The Dolores River watershed is dominated by native vegetation, where the threats from tamarisk and other associated invasive species have been mitigated and the riparian areas of the watershed continue to become more naturally functioning, self-sustaining diverse and resilient over time.

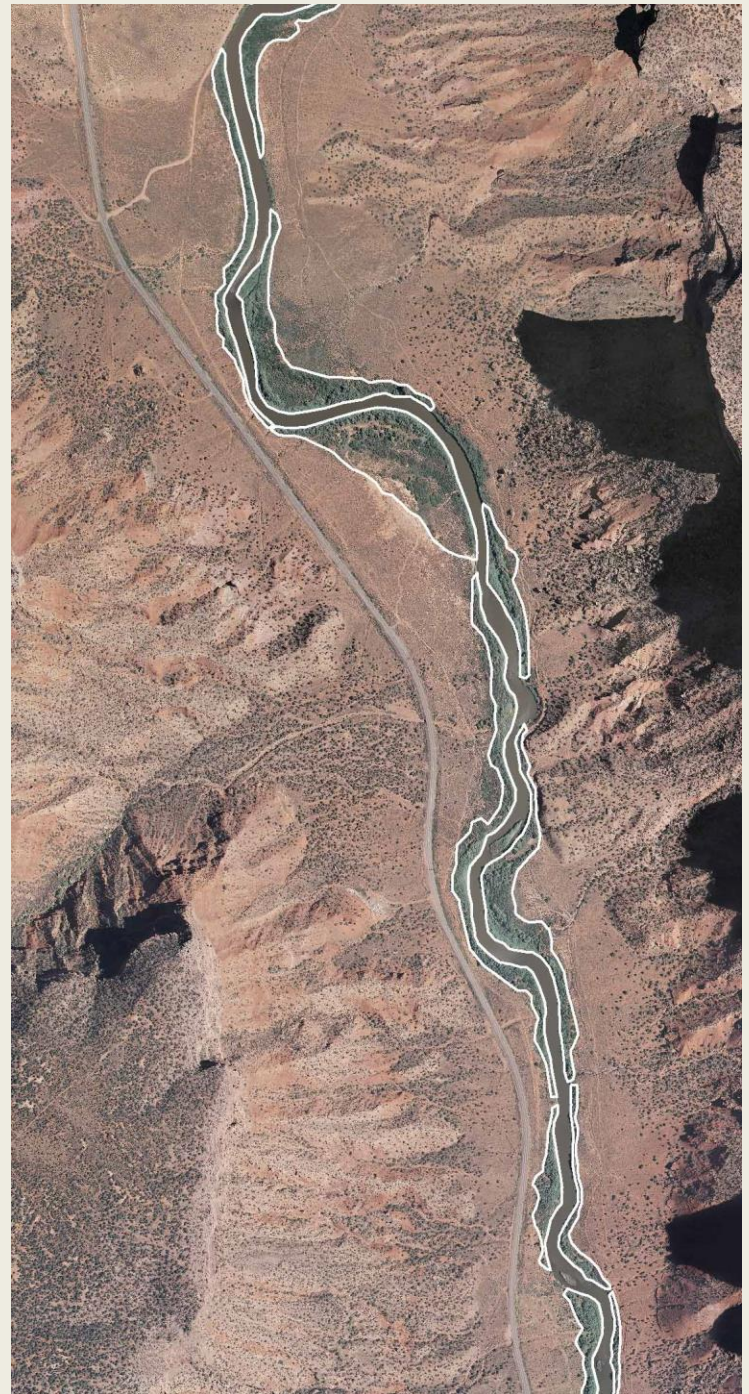
But the Partnership is a strike team not a long term manager

So we need to turn the operation back to the landowner or manager when:

Native or desirable plants are restored on a given site to the extent that, assuming appropriate long-term maintenance by the private landowner or public land manager, it is reasonably foreseeable that plant succession will progress toward DRRP's long-term vision.

Report Polygons

- Include the entire riparian bottom
- Encompass homogeneous stands
- End on Land status Boundaries
- Generally do not cross the river



New Categories



- 1. No Restoration Needed** – The polygon was already in desired condition, and no action by the partnership is warranted.
- 2. Biological Control** – The Partnership does not intend to conduct active treatments in the polygon due to factors such as, a) tamarisk leaf beetles alone are deemed sufficient to eventually meet objectives, b) the polygon is owned by a landowner who chooses not to participate in Partnership operations, or c) the polygon is too inaccessible to efficiently conduct treatments.
- 3. Active Treatment Scheduled** – The segment will be actively treated, but no action has been taken prior to the report date.

New Categories

continued



4. Actively Treated – The Partnership has taken specific action in one or more of the following categories:

a. Manual Treatment of Woody Invasives - *Applies to all cut stump treatments*

b. Mechanical Treatment of Woody Invasives – *Typically an excavator, but also applies to brush-hog operations*

c. Treatment of Woody Invasive Resprouts – *Normally chemical applications*

d. Treatment of Secondary Weeds – *Both initial and follow-up treatments, most often chemical control of knapweed*

e. Active Revegetation – *For example, plantings, seedings, and cottonwood-caging*

5. Objectives Met through Active

Consistent Determinations that Objectives have been Met - Appropriate Documentation



- **Native/desirable species comprise more than 50% of relative cover (relative cover = cover of vegetation only)**
- **Native/desirable species are increasing in relative cover and nonnatives are declining or at acceptable levels based on DR-RAP's ecological goals (<15% relative cover of non-natives)**
- **Total Tamarisk cover is <5%; Tamarisk Beetles are present if canopy cover exceeds 5%**
- **Total canopy cover is acceptable (e.g. greater than 30%)**

Polygon Attributing for future Reporting Options



Polygon GJ-342 (example)	1	2	3	4	5	6
Manual Treatment of Woody Invasives	2009	2010				
Mechanical Treatment						
Treatment of Woody Invasive Resprouts	2010	2011				
Treatment of Secondary Weeds	2009	2011	2012			
Active Revegetation	2012					
Objectives Met Through Active Treatment	2013					



C - COVER DATA FOR PROGRESS TRACKING					D - ADDITIONAL INFORMATION COLLECTED		
What is Relative % Cover of Native Species?	What is Relative % Cover of NonNative Species?	What is Relative % Cover of Tamarisk?	What is Total % Canopy Cover?	Related Notes/ Observations	Wildlife Usage/ Herbivory and Signs of Presence	Biocontrol Beetle Present? Signs of Defoliation?	Other Notes/ Concerns
60%	40%	10%	40%	"Native Species" comprised mostly of alkali sacaton, sagebrush, and greasewood	Beaver present	yes beetles present. Some defoliation	Potential yellowstar thistle plant sighted



So, what have you heard?

- **We have redefined the criteria** for evaluating when a site has met Partnership objectives;
- Our accounting process has identified that **we are roughly 1/3 of the way through** initiating restoration treatments;
- We have identified the **mechanism and annual routine** needed to assess our progress toward overall restoration success
- We will imbed this progress in a standard GIS format so that we can **visually track our progress toward overall objectives met.**
- Questions



A PUBLIC - PRIVATE COLLABORATION