Balancing Resource Use and Conservation

Riparian Restoration Update 2011

CRITER MEETING January 26, 2011

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Balancing Resource Use and Conservation

- Palo Verde Ecological Reserve Blythe, California
- Cibola Valley Conservation Area Cibola, Arizona
- Cibola National Wildlife Refuge- Cibola, Arizona



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PALO VERDE ECOLOGICAL RESERVE BACKGROUND

- Project started in 2006
- Partner: California Department of Game and Fish
- Estimated completion date 2013
- Over 1100 acres of cottonwood/willow land cover type



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PALO VERDE ECOLOGICAL RESERVE TIMELINE

2006 Phase 1 (Native Nursery), 31 acres

2007 Phase 2, 78 acres

2008 Phase 3, 84 acres

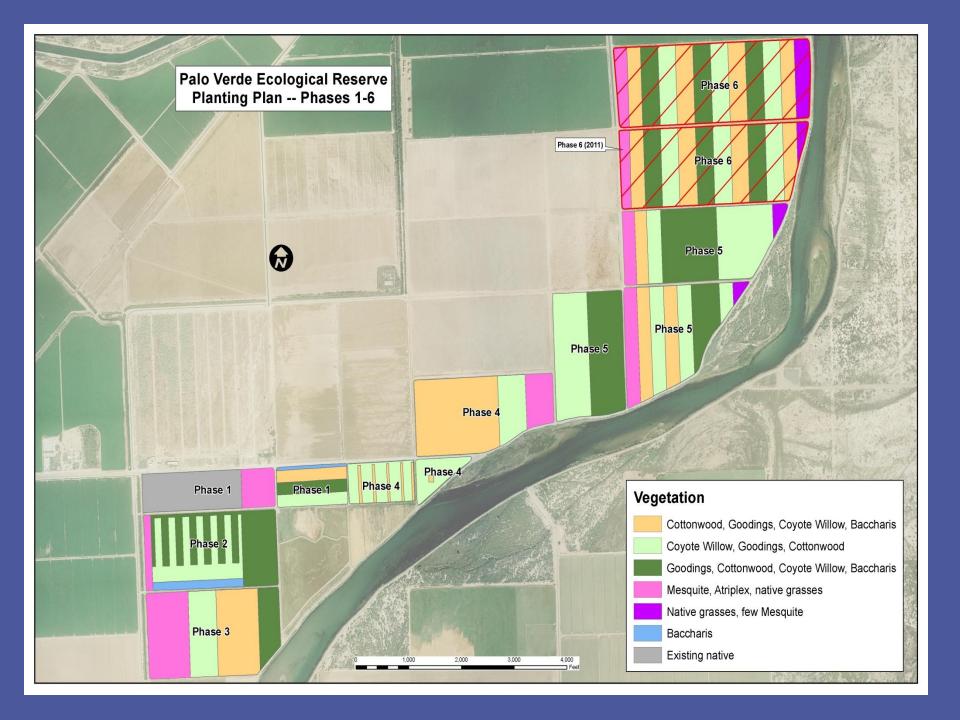
2009 Phase 4, 100 acres

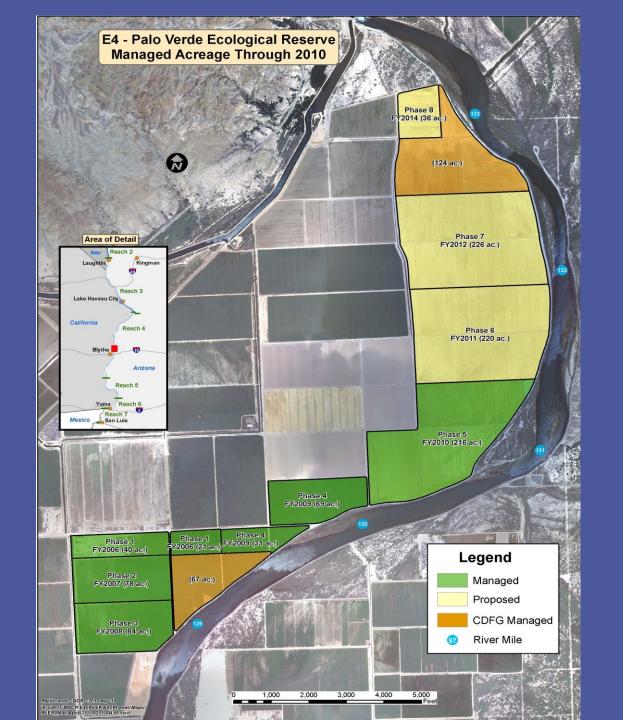
2010 Phase 5, 216 acres

2011 Phase 6, 220 acres

2012 Phase 7, 226 acres

2013 Phase 8, 36 acres





Cottonwood with Mesquite Interface



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Cibola Valley Conservation and Wildlife Area Background

- Project initiated in 2006
- Partnered with Arizona Game and Fish Department
- Estimated completion date 2018
- Approximately 1300 acres of a combination of mesquite and cottonwood/willow land cover type when completed

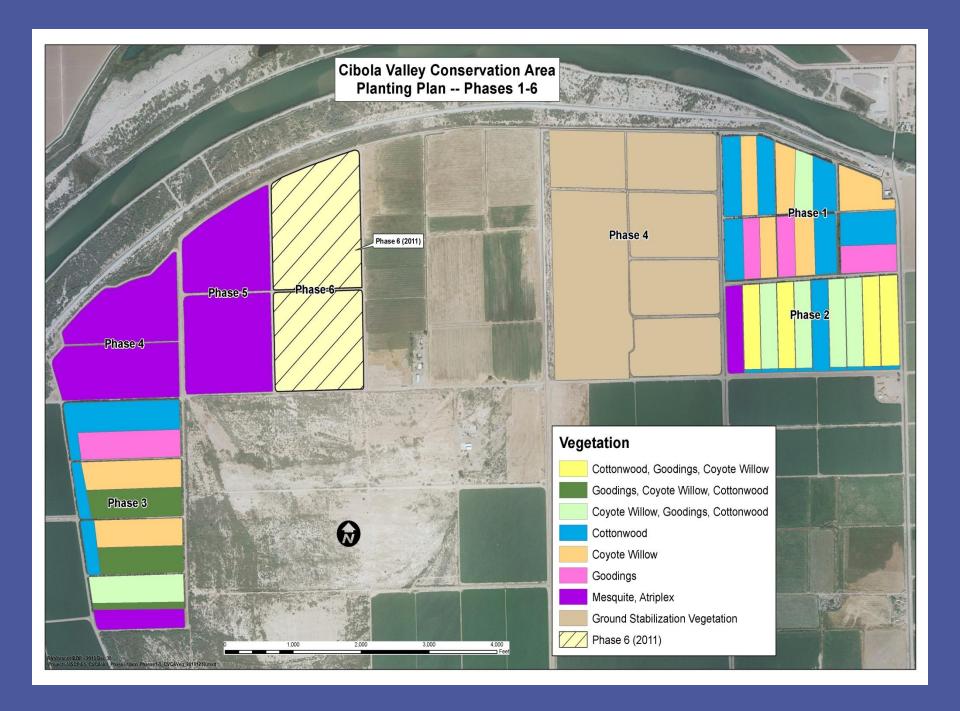


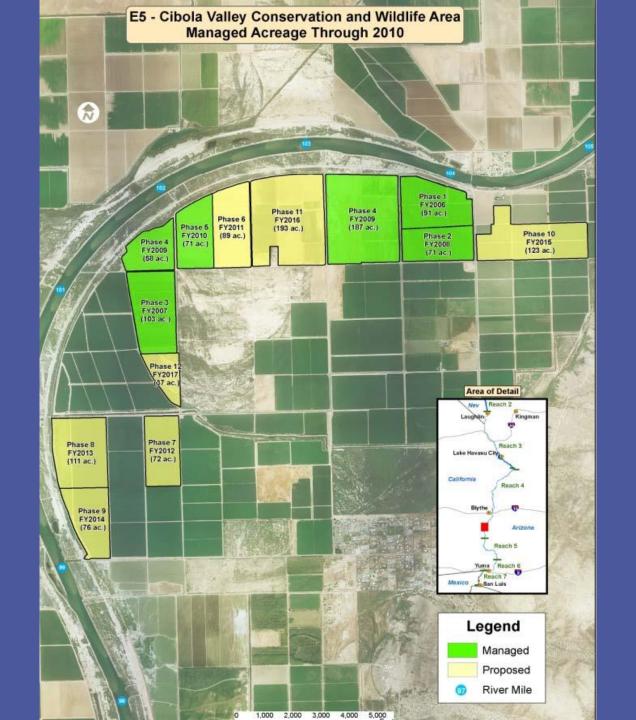
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Cibola Valley Conservation and Wildlife Timeline

2006	Phase 1, 91 acres	2015	Phase 9,	76 acres
2007	Phase 3, 103 acres	2016	Phase 10,	123 acres
2008	Phase 2, 71 acres	2017	Phase 11,	193 acres
2009	Phase 4, 245 acres	2018	Phase 12,	72 acres
2010	Phase 5, 71 acres			
2011	Phase 6, 89 acres			
2013	Phase 7, 72 acres			
2014	Phase 8, 111 acres			









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CIBOLA NATIONAL WILDLIFE REFUGE BACKGROUND

- Project started in 1998 –Nature Trail
- Partner: U.S. Fish and Wildlife Service
- Estimated completion date 2018
- Over 900 acres of cottonwood/willow land cover type

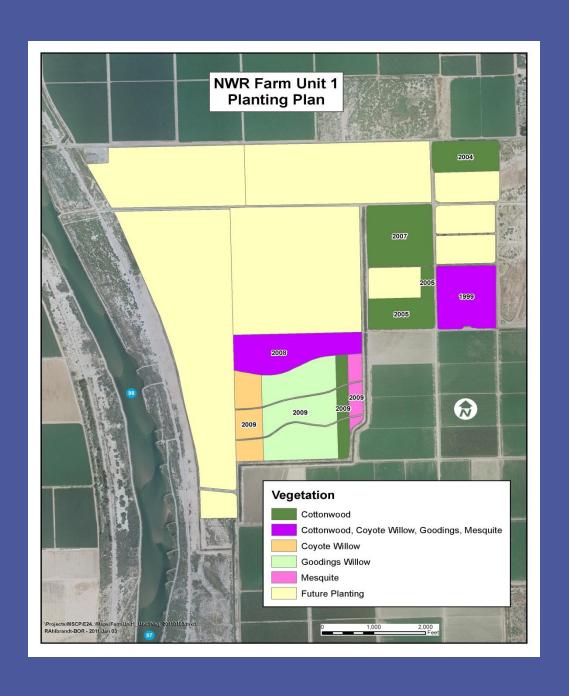


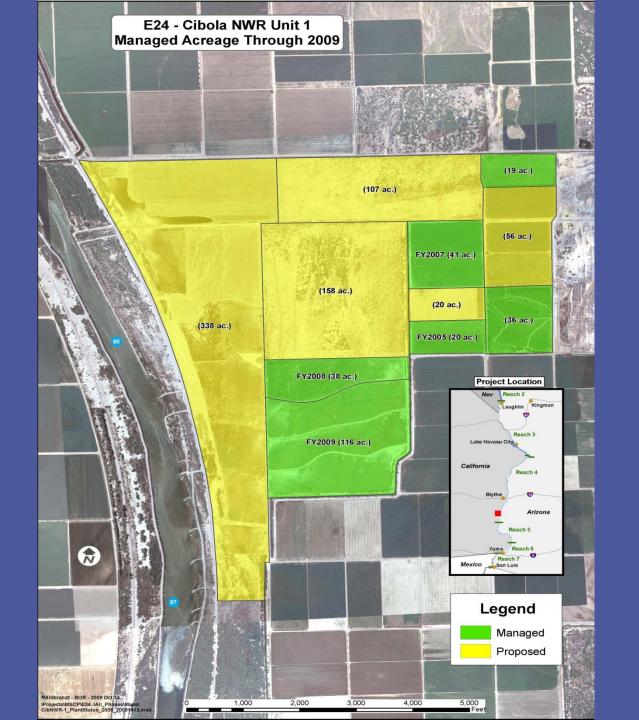
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Cibola National Wildlife Refuge Timeline

1999	Nature Trail	2016	NE Ag
2005	Mass Transplanting Demo	2017	SE Ag
2007	Cottonwood Genetics	2017	SW Ag
2009	Crane Roost	2018	Baseli
2010	North 160 cleared/leveled		
2011	Maintenance		
2013	Upper Hippie		
2014	Hippie Burn		
2015	Hippie Burn		





Dense Coyote Willow- 1 year post planting - Crane Roost



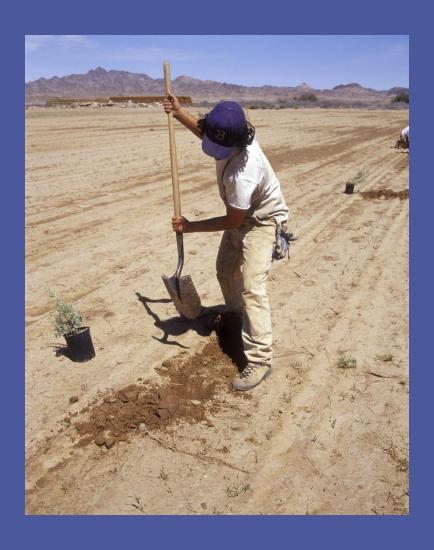
BOR Photo # 1878-300-24477

Mass Transplanting



BOR Photo # 1878-300-20253

Hand Planting



Hand Planting – Marsh Plants











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http://lcrmscp.gov/

