

GOVERNOR  
Susana Martinez



DIRECTOR AND SECRETARY  
TO THE COMMISSION  
Tod W. Stevenson

STATE OF NEW MEXICO  
DEPARTMENT OF GAME & FISH

One Wildlife Way  
Post Office Box 25112  
Santa Fe, NM 87504  
Phone: (505) 476-8008  
Fax: (505) 476-8124

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April 15, 2011

Rio Grande Cutthroat Trout Conservation Team

Bruce Rosenlund, USFWS Region 6  
Susan Oetker, USFWS Region 2  
Vacant, USFS Region 3  
Barry Wiley, USFS Region 2  
Melissa Garcia, BLM CO  
Greg Gustina, BLM NM  
Kevin Terry, JAN  
Mike Sloane, NMGF  
John Alves, CDOW  
Mike Montoya, MAN

Delivered Via Email

Dear Conservation Team,

Attached to this letter are tables summarizing 2010 range-wide activities for Rio Grande cutthroat trout (RGCT) in a report format agreed upon by the range-wide conservation team. Our activities are divided into seven main categories identified in the range-wide agreement. Below is a brief summary of 2010.

**Population Inventory**

In 2009, 48 waters (75 individual surveys) were inventoried within the historic range of RGCT. The purpose of the inventories was to survey potentially occupied RGCT waters (5), monitor known populations (20), assess the genetic status of RGCT populations (20), and collect disease information (3). No habitat surveys within historically and/or potentially occupied habitat were reported.

### **Population Maintenance**

Four waters were electrofished to suppress non-native trout populations.

### **Population Expansion**

Population expansion activities were conducted in 54 waters. A road culvert was modified on one water to expand fish passage opportunities. The Placer Creek system, 28 miles of habitat, was stocked with RGCT in 2010. The Casias Lakes (4) were stocked with RGCT in 2010 and is a new conservation population of RGCT. The #2 Creek system, 7 miles of habitat, was treated with rotenone and will be re-treated in 2011. The Santa Clara River, 4 miles of habitat, was treated with rotenone in 2010. Eight waters were stocked with RGCT to augment existing populations. Rio Grande cutthroat trout were stocked into 42 waters to provide recreational angling opportunities.

### **Protecting/Restoring Habitat**

Four waters were included in the habitat protection/restoration strategy. Activities included culvert installation, barrier surveys in unoccupied habitat, and spillway modification to facilitate future Rio Grande cutthroat trout repatriation.

### **Education**

Five events were attended by rangewide team members where they presented RGCT conservation topics. Such events included a National Conservation Training Center piscicide course for New Mexico tribes and pueblos, professional presentations, and presentations to high school students.

### **Database Sharing**

The annual RGCT Range-wide database workshop was well attended including representatives from all signatory agencies.

### **Coordination**

The annual range-wide meeting was well attended by all signatory agencies. Other coordination efforts included RGCT working group meetings in NM and coordination between Colorado Division of Wildlife, the Forest Service and Bureau of Land Management regarding restoration potential in the La Garita drainage, and drafting of a conservation strategy by a group of biologists working with RGCT. In addition, Santa Clara Pueblo and New Mexico Department of Game and Fish executed a Memorandum of Understanding to facilitate RGCT restoration in the Santa Clara River.

### **Miscellaneous**

Miscellaneous activities included continued broodstock development in both states, rescue of RGCT from fire affect areas, and barrier maintenance and construction on private land.

Thank you for your participation in developing this report. I look forward to continued participation in the comprehensive effort to ensure the long-term persistence of Rio Grande cutthroat trout in Colorado and New Mexico.

Sincerely,

Kirk A. Patten  
Fisheries Biologist

**RGCT Rangewide Report 2010 - Summary by Strategy, January 1 to December 31, 2010**

Strategy	Subhead	Title	Waters/Events	Total	Description
1	Survey	Population Inventory	5	10	Survey potential RGCT waters within historic range; maintain database
1	Monitor	Population Inventory	20	42	Monitor RGCT populations to detect changes; maintain database
1	Taxonomy	Population Inventory	20	20	Collect genetic information within historic range, maintain database
1	Habitat Inventory	Population Inventory	0	0	Collect habitat information within historic range; maintain database
1	Disease	Population Inventory	3	3	Conduct fish health surveys including WD
2	Identify	Population Maintenance	0	0	Identify Core Conservation and Conservation populations
2	Secure	Population Maintenance	4	4	Secure and enhance distribution and abundance of Core and Core Conservation populations
2	Metapopulation	Population Maintenance	0	0	Identify, maintain, and expand connectivity within metapopulations
3	Restore	Population Expansion	6	26	Increase RGCT populations by restoring RGCT habitat through chemical reclamation

**RGCT Rangewide Report 2010 - Summary by Strategy, January 1 to December 31, 2010**

Strategy	Subhead	Title	Waters/Events	Total	Description
3	Augment	Population Expansion	11	62501	Augment pure populations within historic range by stocking or transplanting RGCT
3	Connectivity	Population Expansion	1	1	Promote and restore connectivity of populations to enhance metapopulation function
3	Stock RGCT	Population Expansion	36	209000	Stock lakes and streams with RGCT for angler recreation (sum of lakes and streams stocked)
4	Improve	Protect sustaining habitat and restore degraded habitat	2	2	Inventory, maintain, protect, and improve existing habitat; improve fluvial/ hydrological processes
4	Unoccupied	Protect sustaining habitat and restore degraded habitat	2	2	Identify unoccupied habitat for restoration with RGCT
5	Education	Conservation Education and Interpretation	5	6	Subcommittee to develop education and interpretation program providing deliverables and a consistent message regarding RGCT conservation efforts
6	Database	Database Sharing	3	3	Summarize distribution, population genetics and habitat data; centralize data into a database; allow rangewide integrated data analysis, summaries, and comparisons

**RGCT Rangewide Report 2010 - Summary by Strategy, January 1 to December 31, 2010**

<b>Strategy</b>	<b>Subhead</b>	<b>Title</b>	<b>Waters/Events</b>	<b>Total</b>	<b>Description</b>
7	Coordinate	Planning/ Coordination	20	31	Share information; identify/ discuss/ solve common conservation problems; prioritize issues;
A*	Miscellaneous	Other Activities/ Actions	7	7	Accomplishments that are not listed in the other titles or strategies
B	Habitat	Private Land Protection or Restoration (stream miles)	3	3	Landowner/ private land habitat protection or restoration

**Rio Grande Cutthroat Trout Rangewide Report 2010 - Summary by Signatory Agency, January 1 to December 31, 2010**

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
<b>NMGF</b>												
2010	Lower Rio Grande		#2 Creek (aka Casias Creek)		13020101	Kruse	TEI	1	Survey	Conducted 4 depletion estimates	4	Predominantly brook trout
2010	Lower Rio Grande		Guaje Creek		13020101	Patten	NMGF	1	Survey	Spot EF for presence/absence of non-native fish	1	Brook trout found. Wildfire did not eradicate non-native fish.
2010	Lower Rio Grande	13020102cp008	Canones Creek		13020102	Patten	NMGF	1	Monitor	Conducted 3 depletion estimates	3	742 fish/mile
2010	Lower Rio Grande	13020101cp026	Alamitos Creek		13020101	Patten	NMGF	1	Monitor	Conducted 3 depletion estimates	3	459 fish/mile
2010	Lower Rio Grande	13020101cp011	Columbine Creek		13020101	Patten	NMGF	1	Monitor	Conducted 3 depletion estimates	3	265 fish/mile
2010	Lower Rio Grande	13020102cp009	Polvadera Creek		13020102	Patten	NMGF	1	Monitor	Conducted 2 depletion estimates	2	0 fish/mile
2010	Lower Rio Grande	13020102cp009	Polvadera Creek		13020102	Dominguez	NMGF	1	Monitor	Spot EF Upper Polvadera Creek	1	Upper area is burned but less severe than lower Polvadera Creek. 7 RGCT collected

**Rio Grande Cutthroat Trout Rangewide Report 2010 - Summary by Signatory Agency, January 1 to December 31, 2010**

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010	Lower Rio Grande	13020102cp009	Polvadera Creek		13020102	Patten	NMGF	1	Monitor	Spot EF Polvadera Creek	1	Post fire/rain events. Habitat is severely impacted.
2010	Lower Pecos	13060005cp001	Pine Lodge Creek		13060005	Patten	NMGF	1	Monitor	Conducted 4 single pass estimates	4	32 fish/mile, YOY present from 2010 spawn in wild
2010	Lower Rio Grande	13020101cp002	Costilla Creek (aka #1 Creek)		13020101	Kruse	TEI	1	Monitor	Conducted 4 depletion estimates	4	703 fish/mile
2010	Lower Rio Grande	13020101cp007	Chuckwagon Creek		13020101	Frey	NMGF	1	Monitor	Conducted 2 single pass estimates	2	76 fish/mile
2010	Lower Rio Grande	13020101cp007	Fernandez Creek		13020101	Frey	NMGF	1	Monitor	Conducted 2 single pass estimates	2	72 fish/mile
2010	Lower Rio Grande	13020101cp005	La Cueva Creek		13020101	Frey	NMGF	1	Monitor	Conducted 3 single pass estimates	3	92 fish/mile
2010	Lower Rio Grande	13010005cp003	Tanques Creek		13010005	Frey	NMGF	1	Monitor	Conducted 3 single pass estimates	3	278 fish/mile
2010	Lower Rio Grande	13020101cp014	Manzanita Creek		13020101	Frey	NMGF	1	Monitor	Conducted 3 single pass estimates	3	0 fish/mile



**Rio Grande Cutthroat Trout Rangewide Report 2010 - Summary by Signatory Agency, January 1 to December 31, 2010**

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010	Lower Rio Grande	13020101cp011	Columbine Creek		13020101	Patten	NMGF	1	Taxonomy	Collected 12 RGCT	1	Meristics Study/Awaiting results
2010	Canadian	11080002cp001	McCrystal Creek		11080002	Frey	NMGF	1	Taxonomy	Collected 12 RGCT	1	Meristics Study/Awaiting results
2010	Lower Rio Grande	13020101cp023	Policarpio Creek		13020101	Dominguez	NMGF	1	Taxonomy	Collected 12 RGCT	1	Meristics Study/Awaiting results
2010	Canadian	11080001cp003	Leandro Creek		11080001	Frey	NMGF	1	Taxonomy	Collected 12 RGCT	1	Meristics Study/Awaiting results
2010	Canadian	11080004cp002	West Fork Luna Creek		11080004	Dominguez	NMGF	1	Taxonomy	Collected 12 RGCT	1	Meristics Study/Awaiting results
2010	Upper Pecos	13060001cp009	Macho Creek		13060001	Patten	NMGF	1	Taxonomy	Collected 13 RGCT	1	Meristics Study/Awaiting results
2010	Upper Pecos	13060001cp010	Dalton Creek		13060001	Patten	NMGF	1	Taxonomy	Collected 12 RGCT	1	Meristics Study/Awaiting results
2010	Lower Rio Grande	13020101cp018	Tienditas Creek		13020101	Patten	NMGF	1	Taxonomy	Genotyped 11 RGCT, microsatellites	1	Core Conservation population

**Rio Grande Cutthroat Trout Rangewide Report 2010 - Summary by Signatory Agency, January 1 to December 31, 2010**

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010			Captive Broodstock			Patten	NMGF	1	Taxonomy	Genotyped 29 RGCT, microsatellites	1	Core Conservation population
2010	Lower Rio Grande	13020102cp009	Polvadera Creek		13020102	Patten	NMGF	1	Taxonomy	Genotyped 30 RGCT, microsatellites	1	Core Conservation population
2010	Lower Rio Grande	13020101cp012	San Cristobal Creek		13020101	Patten	NMGF	1	Taxonomy	Genotyped 23 RGCT, microsatellites	1	Core Conservation population, a few non-native alleles
2010	Lower Rio Grande	13020101cp012	San Cristobal Creek		13020101	Patten	NMGF	1	Taxonomy	Genotyped 23 RGCT, AFLPs	1	Core Conservation population, a few non-native alleles
2010	Lower Rio Grande	13020204cp002	Rito de los Pinos		13020204	Patten	NMGF	1	Taxonomy	Genotyped 30 RGCT, microsatellites	1	Conservation population
2010	Canadian	11080002cp001	McCrystal Creek		11080002	Patten	NMGF	1	Taxonomy	Genotyped 25 RGCT, microsatellites	1	Core Conservation population
2010	Canadian	11080001cp001	Vermejo River		11080001	Kruse	NMGF	1	Taxonomy	Genotyped 28 putative hybrid trout	1	Conservatin population, biased sample as suspected hybrids were genotyped
2010	Lower Rio Grande		Pot Creek		13020101	Buczek	NMGF	1	Disease	Fish Health Assessment	1	Negative for all pathogens
2010	Lower Rio Grande	13020102cp009	Polvadera Creek		13020102	Patten	NMGF	2	Secure	Barrier recon	1	Located reported barrier location, barrier small

**Rio Grande Cutthroat Trout Rangewide Report 2010 - Summary by Signatory Agency, January 1 to December 31, 2010**

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010	Lower Rio Grande	13020101cp006	Comanche Creek		13020101	Patten	NMGF	2	Secure	Removed sediment	1	Shoveled road gravel that had collected near barrier splashpad.
2010	Lower Rio Grande	13020202cp001	Rio Cebolla		13020202	Castell	NMGF	2	Secure	Mechanically removed brown trout from 5 miles of habitat	1	436 brown trout removed upstream of barrier.
2010	Canadian	11080001cp001	Vermejo River		11080001	Kruse	TEI	2	Secure	Mechanically removed brook trout from Vermejo River	1	2,584 brook trout removed, <2,000 RGCT returned
2010	Lower Rio Grande		#2 Creek		13020101	Patten	NMGF	3	Restore	Rotenone reclamation	7	Applied Rotenone to remove brook and cutthroat trout to approx. 7 miles of stream habitat.
2010	Lower Rio Grande		Casias Lakes 1-4		13020101	Patten	NMGF	3	Restore	Rotenone reclamation	10	2nd rotenone treatment to remove any remaining brook and cutthroat trout to approx. 10 surface acres
2010	Lower Rio Grande		Santistevan Creek		13020101	Patten	NMGF	3	Restore	Rotenone reclamation	4	2nd rotenone treatment to remove any remaining brook trout from approx. 4 miles of stream habitat
2010	Lower Rio Grande		Casias Lakes 1-4		13020101	Patten	NMGF	3	Augment	Stocked post-restoration	1	New Core conservation population
2010	Lower Rio Grande	13020101cp006	Comanche Creek		13020101	Patten	NMGF	3	Augment	Stocked 22,000 RGCT	1	Last expected stocking of RGCT post-restoration

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Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010	Lower Rio Grande		McClure Reservoir		13020201	Green	NMGF	3	Augment	Stock for potential brood	1	Stocked 476 pit tagged RGCT
2010	Lower Rio Grande		Nichols Reservoir		13020201	Green	NMGF	3	Augment	Stock for potential brood	1	Stocked 472 pit tagged RGCT
2010	Lower Rio Grande		Rio Grande		13020101	Jacobsen	NMGF	3	Stock RGCT	Stocked seven waters for recreational purposes	7	Multiple locations stocked with excess RGCT for recreational purposes. 117,000 total fish stocked.
2010	Lower Rio Grande		Rio Molino		13020101	Patten	NMGF	4	Unoccupied	Visual Survey for barrier	1	Crew scouted route for use in salvage operations
2010						Dominguez	NMGF	5	Education	RGCT Presentation	1	Presentation to HS wildlife students at Bosque School
2010						Patten/Dominguez	NMGF	5	Education	AZ/NM AFS Meeting	2	Two presentations at annual meeting
2010						Patten	NMGF	6	Database	Database entry	1	
2010	Lower Rio Grande		Rio las Animas		13030101	Patten	NMGF	7	Coordinate	Rio las Animas meeting	1	
2010						Patten	NMGF	7	Coordinate	Annual Rangewide meeting	1	

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Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010						Patten	NMGF	7	Coordinate	Filled out this form	1	
2010						Patten	NMGF	7	Coordinate	NM RGCT working group meeting	1	
2010						Patten	NMGF	7	Coordinate	MOU between Santa Clara Pueblo and NMGF finalized	1	
2010	Lower Rio Grande	13020101cp012	San Cristobal Creek		13020101	Patten	NMGF	A	Miscellaneous	Wild fish spawn	1	approx 3,850 eggs taken from 11 pairs spawned
2010	Lower Rio Grande	13020102cp008	Canones Creek		13020102	Patten	NMGF	A	Miscellaneous	Otoliths removed from 97 RGCT	1	Otoliths removed for age estimation.
2010	Lower Rio Grande	13020101cp026	Alamitos Creek		13020101	Patten	NMGF	A	Miscellaneous	Otoliths removed from 86 RGCT	1	Otoliths removed for age estimation.
2010	Lower Rio Grande	13020101cp011	Columbine Creek		13020101	Patten	NMGT	A	Miscellaneous	Otoliths removed from 63 RGCT	1	Otoliths removed for age estimation.
2010			Seven Springs Hatchery Spawn			Jacobsen	NMGF	A	Miscellaneous	Spawn	1	approx 265,873 eggs taken from 205 females

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Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010	Lower Rio Grande	13020102cp009	Polvadera Creek		13020102	Patten	NMGF/U SFS	A	Miscellaneous	Removed 211 RGCT	1	Removed RGCT during South Fork wildfire to preserve population
<b>CDOW</b>												
2010	Rio Grande Headwaters		Adams Fork Conejos River	39277	13010005	Nehring	CDOW	1	Monitor	Conduct 2 pass removal estimate	1	278 Fish / Mile, multiple year classes with evidence of natural reproduction
2010	Rio Grande Headwaters	13010005cp008	Lake Fork Conejos River	39289	13010005	Nehring	CDOW	1	Monitor	Conduct 2 pass removal estimate	2	Station #2 and #3 contains 426 and 255 fish/mile, multiple year classes with evidence of natural reproduction and recruitment
2010	Rio Grande Headwaters	13010005cp007	Big Lake	88585	13010005	Nehring	CDOW	1	Monitor	Gillnet survey	1	124 RGN collected, mean length 11.6 inch (4.0-16.1), YOY present along shoreline
2010	Rio Grande Headwaters	13010005cp006	Osier Creek	44444	13010005	Nehring	CDOW	1	Monitor	Conduct 2 pass removal estimate	1	510 fish / mile, multiple year classes with evidence of natural reproduction
2010	Rio Grande Headwaters	13010001cp001	Haypress Lake	90388	13010001	Nehring	CDOW	1	Monitor	Trap net survey during spawntake	1	994 RGN collected, mean length 14.0

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Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010	Rio Grande Headwaters		Ann Lake	88383	13010005	Nehring	CDOW	1	Monitor	Experimental gill net survey	1	Stocked with RGCT every other year. No RGCT sampled, only brook trout
2010	Rio Grande Headwaters		Blue Lake	88698	13010005	Nehring	CDOW	1	Monitor	Experimental gill net survey	1	Stocked with RGCT every other year. No RGCT sampled, only brook trout
2010	Rio Grande Headwaters	13010004cp007	Middle Fork Carnero Creek	38782	13010004	Nehring	CDOW	1	Taxonomy	Collect genetic information within historic range, maintain database	1	no results as of yet
2010	Rio Grande Headwaters	13010005cp006	Osier Creek	44444	13010005	Nehring	CDOW	1	Taxonomy	Collect genetic information within historic range, maintain database	1	no results as of yet
2010	Rio Grande Headwaters	13010002cp015	West Indian Creek	44709	13010002	Nehring	CDOW	1	Taxonomy	Collect genetic information within historic range, maintain database	1	no results as of yet
2010	Rio Grande Headwaters	13020102cp011	Wolf Creek	42343	13020102	Nehring	CDOW	1	Taxonomy	Collect genetic information within historic range, maintain	1	no results as of yet

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Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity database	Units Accomplished	Comments
2010	Rio Grande Headwaters		Adams Fork Conejos River	39277	13010005	Nehring	CDOW	1	Taxonomy	Collect genetic information within historic range, maintain database	1	no results as of yet
2010	Rio Grande Headwaters	13010001cp001	Haypress Lake	90388	13010001	Nehring	CDOW	1	Disease	Fish health Assessment	1	Results: Specific pathogen free
2010	Rio Grande Headwaters	13010001cp001	Haypress Lake	90388	13010001	Nehring	CDOW	3	Augment	Stock RGCT to augment feral broodstock	1	10000 1.3 inch RGCT stocked from Haypress broodstock
2010	Rio Grande Headwaters	13010002cp016	Placer Creek	44711	13010002	Nehring	CDOW	3	Augment	Augment pure populations within historic range by stocking and transplanting RGCT	1	133 RGCT transplant Medano Creek, 8000 1.3 inch RGCT from Haypress broodstock
2010	Rio Grande Headwaters	13010002cp016	Middle Fork Placer Creek	49305	13010002	Nehring	CDOW	3	Augment	Augment pure populations within historic range by stocking and transplanting	1	133 RGCT transplant Medano Creek, 5000 1.3 inch RGCT from Haypress broodstock



**Rio Grande Cutthroat Trout Rangewide Report 2010 - Summary by Signatory Agency, January 1 to December 31, 2010**

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010	Rio Grande Headwaters	13010002cp016	South Fork Placer Creek	49292	13010002	Nehring	CDOW	3	Augment	RGCT Augment pure populations within historic range by stocking and transplanting RGCT	1	5000 1.3 inch RGCT from Haypress broodstock
2010	Rio Grande Headwaters		Grayback Creek	38459	13010002	Nehring	CDOW	3	Augment	Augment pure populations within historic range by stocking and transplanting RGCT	1	4000 1.3 inch RGCT from Haypress broodstock
2010	Rio Grande Headwaters	13010003cp001	Medano Lake	93512	13010003	Nehring	CDOW	3	Augment	Stock RGCT to augment conservation population	1	270 1.3 inch RGCT stocked from Haypress broodstock
2010	Rio Grande Headwaters					Nehring	CDOW	3	Stock RGCT	Stock lakes and streams with RGCT for angler recreation (sum of lakes and streams stocked)	35	92,359 RGCT stocked from Haypress broodstock

**Rio Grande Cutthroat Trout Rangewide Report 2010 - Summary by Signatory Agency, January 1 to December 31, 2010**

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010	Rio Grande Headwaters					Nehring	CDOW	7	Coordinate	Filled out this form	1	
2010	Rio Grande Headwaters					Nehring	CDOW	7	Coordinate	Participated in annual rangewide meeting, habitat workshop, and strategy subcommittee	7	
2010	Rio Grande Headwaters		La Garita Creek	40941	13010004	Nehring	CDOW	7	Coordinate	Planning/Coordination	3	USFS, BLM and Trout Unlimited for La Garita Creek restoration project
2010	Rio Grande Headwaters	13010001cp001	Haypress Lake	90388	13010001	Nehring	CDOW	A	Miscellaneous	Annual RGCT spawntake at Haypress Lake	1	220,232 fertilized eggs taken
2010	Rio Grande Headwaters	13010002cp010	Alamosito Creek	38248	13010002	Nehring	CDOW	B	Habitat	Construction of new Barrier	1	
2010	Rio Grande Headwaters	13010002cp018	Cuates Creek	38141	13010002	Nehring	CDOW	B	Habitat	Completed maintenance work on barrier	1	

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Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
<b>FS_CO</b>												
2010	Rio Grande Headwaters	13010004cp007	Middle Fork Carnero	38782	13010004	Wiley	USFS	3	Connectivity	Replaced a road culvert that was a barrier to fish movement	1	Utilized WNTI funding to accomplish activity
2010	Rio Grande Headwaters	13020102cp011	Wolf Creek	42343	13020102	Wiley	USFS	4	Improve	Repaired and improved existing barrier (railroad culvert)	1	Utilized WNTI funding to accomplish activity
2010	Rio Grande Headwaters					Wiley	USFS	7	Coordinate	Planning/Coordination	1	Completed this form
2010	Rio Grande Headwaters					Wiley	USFS	7	Coordinate	Planning/Coordination	1	Participated in Interagency Rangewide Planning/Coordination Meeting

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Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
<b>BLM_CO</b>												
*See FS_CO												
<b>NPS_NM</b>												
<b>NPS_CO</b>												
2010	Rio Grande Headwaters					Bunch	NPS	7	Coordinate	Planning/Coordination	1	Participated in Interagency Rangewide Planning/Coordination Meeting

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Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010	Lower Rio Grande	13020102cp009	Polvadera Creek		13020102	Cook	SFNF	1	Disease	Fish health assessment	1	For fish salvaged during the SF fire
2010	Lower Rio Grande		Rio Molino		13020101	Cook	SFNF	3	Augment	Stocked 211 RGCT from salvaged from Polvadera Creek	1	Relocated 171 Polvadera Creek RGCT.
2010	Lower Rio Grande		Rio Molino		13020101	Cook	SFNF	4	Unoccupied	Shocked creek to determine fish presence	1	Shocked creek to determine fish presence
2010						Cook	SFNF	6	Database Sharing	Database entry	1	
2010						Cook	SFNF	7	Coordinate	Filled out this form	1	
2010						Cook	SFNF	7	Coordinate	NM RGCT working group meeting	1	
2010						Cook	SFNF	7	Coordinate	Annual Rangewide meeting	1	

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Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
<b>FWS</b>												
2010	Pecos		Rio Ruidoso		13060005	Kitcheyan	FWS	1	Survey	Electrofishing surveys in North, Middle, and South Forks.	1	Assisted New Mexico State University to assess fish community and habitat in the Rio Ruidoso Drainage.
2010	Lower Rio Grande		Santa Clara Creek		13020101	Kitcheyan	FWS	1	Survey	Conducted 3 removal passes	3	Mechanical removal of 1,040 hybridized trout in 1-mile reach in preparation for restoration.
2010	Lower Rio Grande		Santa Clara Creek		13020101	Kitcheyan	FWS	1	Survey	Post-treatmnet surveys for future reintroduction	1	No non-native trout collected. Follow-up surveys scheduled for 2011.
2010	Lower Rio Grande		Santa Clara Creek		13020101	Kitcheyan	FWS	3	Restore	Chemical Reclamation	1	Applied rotenone to remove non-native salmonids.
2010	Lower Rio Grande		Santa Clara Creek		13020101	Kitcheyan	FWS	4	Improve	Installed 16-ft culvert below Pond #4	1	Installed 16-ft culvert below Pond #4 to serve as a temporary 3-4 ft barrier until construction on the spillway has been completed.

**Rio Grande Cutthroat Trout Rangewide Report 2010 - Summary by Signatory Agency, January 1 to December 31, 2010**

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010					13020101	Kitcheyan	FWS	5	Education	Conservation Education	1	Hosted 1-week National Conservation Training Center course entitle, "Rotenone and Antimycin Use in Fish Management" for New Mexico Tribes & Pueblos.
2010						Kitcheyan	FWS	5	Education	Conservation Education	1	Hosted 1-week National Conservation Training Center course entitle, "Rotenone and Antimycin Use in Fish Management" for New Mexico Tribes & Pueblos.
2010						Kitcheyan	FWS	6	Database	Annual database entry	1	
2010	Lower Rio Grande		Santa Clara Creek		13020101	Kitcheyan	FWS	7	Coordinate	Memorandum of Agreement between NMDGF and Santa Clara Pueblo	1	Approval and Finalization of MOA between NMDGF and Santa Clara Pueblo to acquire a source population of RGCT for introduction purposes.
2010						Kitcheyan	FWS	7	Coordinate	NM Working Group meeting	2	
2010						Kitcheyan	FWS	7	Coordinate	Filled out this form	1	

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Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2010	Lower Rio Grande		Santa Clara Creek		13020101	Kitcheyan	FWS	7	Planning		3	Meeting with Santa Clara Pueblo-Office of Environmental Affairs to outline treatment plan and complete Environmental Assessment NMFWCO, New Mexico State University, and Mescalero Tribe outlined goals, objectives, work schedule, and logistics of the project
2010	Pecos		Rio Ruidoso		13060005	Kitcheyan	FWS	7	Planning		1	
<b>JAN</b>												
2010						Terry	JGF	6	Database	Database entry	1	
2010						Terry	JGF	7	Coordinate	Rangewide meeting	1	