



## COLORADO PARKS & WILDLIFE

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February 12, 2014

### Rio Grande Cutthroat Trout Conservation Team

Pamela Sponholtz, USFWS Region 6  
Susan Oetker, USFWS Region 2  
Yvette Paroz, USFS Region 3  
Barry Wiley, USFS Region 2  
John Alves, CPW  
Michael Sloane, NMGF  
Sue Swift-Miller, BLM  
Timothy Frey, BLM  
Fred Bunch, NPS  
Jacob Mazzone, Jicarilla Apache Nation  
Robby Henriksen, Taos Pueblo  
Michael Montoya, Mescalero Apache Nation

Delivered Via Email

Dear Conservation Team,

This letter is intended to inform team members and summarize the 2013 range-wide activities for the conservation of the Rio Grande cutthroat trout (RGCT). The activities below are divided into eight main categories identified in the range-wide agreement. The following is a brief summary of those activities that occurred in 2013.

#### **Population Inventory**

In 2013, 58 waters (87 individual surveys) were inventoried within the historic range of RGCT. The purpose of the inventories was to survey potentially occupied RGCT waters (11), monitor known populations (13), assess the genetic status of RGCT populations (17 AFLP tests; 10 ND2 tests), collect disease information (4), and collect habitat information within the historic range (3). Two new RGCT populations were identified in Colorado.

#### **Population Maintenance**

Sympatric non-native fish were mechanically removed from five miles of habitat in the Rio Cebolla. A culvert barrier was also installed on Beaver Creek and funds were secured to replace 2 culverts on East Pass Creek.

#### STATE OF COLORADO

John W. Hickenlooper, Governor • Mike King, Executive Director, Department of Natural Resources  
Bob D. Broscheid, Director, Colorado Parks and Wildlife  
Parks and Wildlife Commission: Robert W. Bray • Chris Castilian, Secretary • Jeanne Horne  
Bill Kane, Chair • Gaspar Perricone • James Pribyl • John Singletary  
Mark Smith, Vice-Chair • James Vigil • Dean Wingfield • Michelle Zimmerman  
Ex Officio Members: Mike King and John Salazar

### **Population Expansion**

Population expansion activities were conducted in 12 waters; a total of 59 lakes and streams were stocked with Rio Grande cutthroat trout. Within the lower Rio Grande Geographic Management Unit (GMU), chemical reclamations were completed on Allen Creek, Beaver Creek, Dominguez Creek, Beaver Creek, and Beaver Lake.

### **Protecting/Restoring Habitat**

Pinelodge Creek was included in the habitat protection/restoration strategy. The USFS also conducted habitat monitoring to document changes in conditions following changes in grazing strategies on Middle Fork Carnero Creek.

### **Education**

RGCT conservation presentations were given at the Conejos County Youth Fishing Clinic, Russell Lakes Youth Fishing Clinic, Costilla County Youth Camp, and the Rio Grande Water Conservation District meeting.

### **Database Sharing**

The annual RGCT range-wide database workshop was well attended and included representatives from all signatory agencies.

### **Coordination**

The annual range-wide meeting was well attended by all signatory agencies.

### **Miscellaneous**

Miscellaneous activities included continued wild and hatchery spawning operations in both states and trust-building / research activities conducted by the new representative from the Jicarilla Apache Nation.

Thank you for your participation in developing this report. The conservation and persistence of Rio Grande cutthroat trout would not be possible without the continued cooperation, dedication, and professionalism of every team member and their respective agencies.

Sincerely,

*Benjamin W Felt*

Benjamin W. Felt  
Aquatic Biologist

## RGCT Range-wide Report 2013 - Summary by Strategy, January 1 to December 31, 2013

Strategy	Subhead	Title	Waters/Events	Total	Description
1	Survey	Population Inventory	12	18	Survey potential RGCT waters within historic range; maintain database
1	Monitor	Population Inventory	12	34	Monitor RGCT populations to detect changes; maintain database
1	Taxonomy	Population Inventory	27	28	Collect genetic information within historic range, maintain database
1	Habitat Inventory	Population Inventory	3	3	Collect habitat information within historic range; maintain database
1	Disease	Population Inventory	4	4	Conduct fish health surveys including WD
2	Identify	Population Maintenance	0	0	Identify Core Conservation and Conservation populations
2	Secure	Population Maintenance	3	3	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	4	10	Increase RGCT populations by restoring RGCT habitat through chemical reclamation

## RGCT Range-wide Report 2013 - Summary by Strategy, January 1 to December 31, 2013

Strategy	Subhead	Title	Waters/Events	Total	Description
3	Augment	Population Expansion	3	3	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	4	59	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	0	0	Identify unoccupied habitat for restoration with RGCT
5	Education	Conservation Education and Interpretation	1	4	Subcommittee to develop education and interpretation program providing deliverables and a consistent message regarding RGCT conservation efforts
6	Database	Database Sharing	2	2	Summarize distribution, population genetics and habitat data; centralize data into a database; allow rangewide integrated data analysis, summaries, and comparisons

## RGCT Range-wide Report 2013 - Summary by Strategy, January 1 to December 31, 2013

Strategy	Subhead	Title	Waters/Events	Total	Description
7	Coordinate	Planning/ Coordination	15	20	Share information; identify/ discuss/ solve common conservation problems; prioritize issues
A*	Miscellaneous	Other Activities/ Actions	6	6	Accomplishments that are not listed in the other titles or strategies
B	Habitat	Private Land Protection or Restoration (stream miles)	0	0	Landowner/ private land habitat protection or restoration

## Rio Grande Cutthroat Trout Range-wide Report 2013 - Summary by Signatory Agency, January 1 to December 31, 2013

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
<b>Colorado Parks and Wildlife</b>												
2013	Rio Grande Headwaters	13010002cp021	Placer Creek	44711	13010002	Felt	CPW	1	Disease	Whirling Disease Monitoring	1	No Whirling Disease above barrier
2013	Rio Grande Headwaters		Roaring Fork	42616	13010001	Felt	CPW	1	Disease	Fish Health Assessment	1	Bacterial Kidney Disease found in Brook trout
2013	Rio Grande Headwaters	13010001cp001	Haypress Lake	90388	13010001	Felt	CPW	1	Disease	Fish Health Assessment	1	Bacterial Kidney Disease found in Brook trout
2013	Rio Grande Headwaters	13010002cp021	Placer Creek	44711	13010002	Felt	CPW	1	Monitor	Two Pass Removal	4	426 RGCT / Mile
2013	Rio Grande Headwaters	13010002cp021	Middle Fork Placer Creek	49305	13010002	Felt	CPW	1	Monitor	Two Pass Removal	3	325 RGCT / Mile
2013	Rio Grande Headwaters	13010002cp021	South Fork Placer Creek	49292	13010002	Felt	CPW	1	Monitor	Two Pass Removal	2	69 RGCT / Mile
2013	Rio Grande Headwaters	13010002cp021	Grayback Creek	38459	13010002	Felt	CPW	1	Monitor	Two Pass Removal	2	No RGCT found
2013	Rio Grande Headwaters	13020101cp001	East Fork Costilla Creek	39390	13020101	Felt	CPW	1	Monitor	Two Pass Removal	2	179 RGCT / Mile (Average, includes lower-density upper site that has not been sampled since 2006); 317 RGCT/Mile at lower site
2013	Rio Grande Headwaters	13020101cp001	West Fork Costilla Creek	33890	13020101	Felt	CPW	1	Monitor	Two Pass Removal	2	315 RGCT / Mile (Average, includes lower-density upper site that has not been sampled since 2006); 436 RGCT/Mile at lower site
2013	Rio Grande Headwaters	13020101cp002	Glacier Lake	88291	13020101	Felt	CPW	1	Monitor	Experimental Gill Net Survey	2	0.18 RGCT captured per hour
2013	Rio Grande Headwaters	13010002cp014	North Fork Trinchera Creek	48670	13010002	Felt	CPW	1	Monitor	Two Pass Removal	1	No RGCT sampled, Brook trout had density of 1162 Fish/Mile
2013	Rio Grande Headwaters	13010002cp014	South Fork Trinchera Creek	48682	13010002	Felt	CPW	1	Monitor	Two Pass Removal	1	No RGCT sampled, Brook trout had density of 26 Fish/Mile
2013	Rio Grande Headwaters	13010004cp010	South Carnero Creek	38807	13010004	Jones	CPW	1	Monitor	Two Pass Removal	2	98 RGCT / Mile
2013	Rio Grande Headwaters	13010002cp001	San Francisco Creek	42870	13010002	Jones	CPW	1	Monitor	Two Pass Removal	2	139 RGCT / Mile
2013	Rio Grande Headwaters		Apache Canyon	38348	13010002	Felt	CPW	1	Survey	Two Pass Removal	1	No RGCT sampled
2013	Rio Grande Headwaters		Banana Canyon	38349	13010002	Felt	CPW	1	Survey	Two Pass Removal	1	No RGCT sampled
2013	Rio Grande Headwaters		Las Cruces Creek	30006	13010002	Felt	CPW	1	Survey	Two Pass Removal	3	66 RGCT/Mile, Brook trout present
2013	Rio Grande Headwaters		South Fork Las Cruces Creek	80895	13010002	Felt	CPW	1	Survey	Two Pass Removal	1	35 RGCT/Mile, Brook trout present
2013	Rio Grande Headwaters		Bernardino Creek	38123	13010002	Felt	CPW	1	Survey	Three Pass Removal	1	33 RGCT / Mile, Brook trout and brown trout present
2013	Rio Grande Headwaters	13010002cp009	Torcido Creek	38137	13010002	Felt	CPW	1	Habitat Inventory	Deployed and retrieved temperature loggers	1	

## Rio Grande Cutthroat Trout Range-wide Report 2013 - Summary by Signatory Agency, January 1 to December 31, 2013

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2013	Rio Grande Headwaters	13010002cp007	Jaroso Creek	48066	13010002	Felt	CPW	1	Habitat Inventory	Deployed and retrieved temperature loggers	1	
2013	Rio Grande Headwaters	13010002cp010	Alamosito Creek	38248	13010002	Rogers	CPW	1	Taxonomy	AFLP Analysis	1	100% Pure RGCT
2013	Rio Grande Headwaters		Bernardino Creek	38123	13010002	Rogers	CPW	1	Taxonomy	AFLP Analysis	1	100% Pure RGCT
2013	Rio Grande Headwaters	13010002cp006	Cuates Creek	38141	13010002	Rogers	CPW	1	Taxonomy	AFLP Analysis	1	100% Pure RGCT
2013	Rio Grande Headwaters		El Perdido Creek	37996	13010002	Rogers	CPW	1	Taxonomy	AFLP Analysis	1	100% Pure RGCT
2013	Rio Grande Headwaters	13010002cp007	Jaroso Creek	48066	13010002	Rogers	CPW	1	Taxonomy	AFLP Analysis	1	100% Pure RGCT
2013	Rio Grande Headwaters	13010002cp009	Torcido Creek	38137	13010002	Rogers	CPW	1	Taxonomy	AFLP Analysis	1	100% Pure RGCT
2013	Rio Grande Headwaters	13010005cp008	Lake Fork Conejos River	39289	13010005	Rogers	CPW	1	Taxonomy	AFLP Analysis	2	99% Pure RGCT
2013	Rio Grande Headwaters	13010002cp021	Placer Creek	44711	13010002	Rogers	CPW	1	Taxonomy	AFLP Analysis	1	98% Pure RGCT
2013	Rio Grande Headwaters		Bernardino Creek	38123	13010002	Rogers	CPW	1	Taxonomy	ND2 gene sequencing	1	100% OcRIO Haplotype
2013	Rio Grande Headwaters	13020101cp001	West Fork Costilla Creek	33890	13020101	Rogers	CPW	1	Taxonomy	ND2 gene sequencing	1	33.3% OcYAM Haplotype, 66.7% OcRIO Haplotype
2013	Rio Grande Headwaters	13010002cp006	Cuates Creek	38141	13010002	Rogers	CPW	1	Taxonomy	ND2 gene sequencing	1	100% OcRIO Haplotype
2013	Rio Grande Headwaters		El Perdido Creek	37996	13010002	Rogers	CPW	1	Taxonomy	ND2 gene sequencing	1	100% OcRIO Haplotype
2013	Rio Grande Headwaters	13010004cp004	East Middle Creek	41587	13010004	Rogers	CPW	1	Taxonomy	ND2 gene sequencing	1	83.3% OcRIO Haplotype, 16.7% OcYel Haplotype
2013	Rio Grande Headwaters		Rough Canyon	39691	13010002	Rogers	CPW	1	Taxonomy	ND2 gene sequencing	1	85.7% OcYAM Haplotype, 14.3% OcRIO Haplotype
2013	Rio Grande Headwaters	13010002cp009	Torcido Creek	38137	13010002	Rogers	CPW	1	Taxonomy	ND2 gene sequencing	1	100% OcRIO Haplotype
2013	Rio Grande Headwaters					Felt	CPW	3	Stock RGCT	Stocked 94,115 RGCT in recreation waters	1	
2013	Rio Grande Headwaters					Felt/Alves	CPW	5	Education	Presentations on RGCT Conservation	4	Costilla County Youth Camp, Conejos County Youth Fishing Clinic, Russell Lakes Youth Fishing Clinic, Rio Grande Water Conservation District meeting
2013	Rio Grande Headwaters					Alves	CPW	6	Database	Database Entry	1	
2013	Rio Grande Headwaters					Felt	CPW	7	Coordinate	Filled out rangewide accomplishments worksheet	1	
2013	Rio Grande Headwaters	13010001cp001	Haypress / Roaring Fork	90388	13010001	Felt	CPW	7	Coordinate	Planning and Coordination with USFS and landowner for restoration project	1	
2013	Rio Grande Headwaters	13010001cp001	Haypress Lake	90388	13010001	Felt	CPW	A	Miscellaneous	Wild Spawntake	1	68,818 Haypress-origin fish stocked in flight plants

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Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2013	Rio Grande Headwaters		Pitkin Fish Hatchery			Lamar	CPW	A	Miscellaneous	Hatchery Spawntake	1	25,297 Pitkin-origin fish stocked in pack plants
<b>New Mexico Game and Fish</b>												
2013	Lower Rio Grande	13020201cp001	Capulin Creek		13020201	Bakevich	NMGF	1	Survey	Post-fire EF survey	1	No fish detected
2013	Lower Rio Grande		Guaje Creek		13020201	Bakevich	NMGF	1	Survey	Post-fire EF survey	2	No fish detected
2013	Lower Rio Grande		Santa Clara Creek		13020201	Bakevich	NMGF	1	Survey	Post-fire visual survey	1	No fish detected
2013	Lower Rio Grande	13020101cp007	Comanche Creek		13020101	Bakevich/Gatlin	NMGF/FS	1	Monitor	Post-restoration survey	11	Approximately 370 fish/mile
2013	Lower Rio Grande		Captive Broodstock - Seven Springs Hatchery			Bakevich	NMGF	1	Taxonomy	AFLP - standard and CR tests	1	>99% pure
2013	Lower Rio Grande	13020101cp017	South Fork Rio Hondo		13020101	Bakevich	NMGF	1	Taxonomy	AFLP - standard and CR tests	1	>99% pure
2013	Lower Rio Grande	13020101cp015	Italianos Creek		13020101	Bakevich	NMGF	1	Taxonomy	AFLP - standard and CR tests	1	>99% pure
2013	Lower Rio Grande	13020101cp026	Alamitos Creek - wild spawn		13020101	Bakevich	NMGF	1	Taxonomy	AFLP - standard and CR tests	1	>99% pure
2013	Lower Rio Grande	13020101cp023	Policarpio Creek- wild		13020101	Bakevich	NMGF	1	Taxonomy	AFLP - standard and CR tests	1	>99% pure
2013	Lower Rio Grande	13020101cp003	Powderhouse Creek - wild spawn		13020101	Bakevich	NMGF	1	Taxonomy	AFLP - standard and CR tests	1	>99% pure
2013	Lower Rio Grande	13020101cp001	Costilla Creek		13020101	Rogers	NMGF/CPW	1	Taxonomy	ND2 Gene Sequencing	1	86.2% OcRio Haplotype, 13.8% OcYAM Haplotype
2013	Lower Rio Grande	13020101cp019	Frijoles Creek		13020101	Rogers	NMGF/CPW	1	Taxonomy	ND2 Gene Sequencing	1	100% OcRIO Haplotype
2013	Lower Rio Grande	13020101cp020	Palociento Creek		13020101	Rogers	NMGF/CPW	1	Taxonomy	ND2 Gene Sequencing	1	100% OcRIO Haplotype
2013	Lower Rio Grande		Rio Hondo		13020101	Peralta	NMGF	1	Disease	Tested for all pathogens and all negative results	1	Potential wild spawn waters for 2014
2013	Lower Rio Grande		Beaver Creek		13020101	Kruse	TEI	2	Secure	Constructed barrier	1	Constructed culvert barrier
2013	Lower Rio Grande	13020202cp001	Rio Cebolla		13020202	Bakevich/Cook	NMGD/FS	2	Secure	Mechanically removed brown trout from 5 miles of habitat	1	145 brown trout removed
2013	Lower Rio Grande		Allen Creek		13020101	Bakevich	NMGF	3	Restore	Rotenone reclamation	3	Applied Rotenone to approx. 3.5 miles of stream habitat
2013	Lower Rio Grande		Unnamed Tributary (aka Dominguez Creek)		13020101	Bakevich	NMGF	3	Restore	Rotenone reclamation	2	Applied Rotenone to approx. 1.5 miles of stream habitat
2013	Lower Rio Grande		Beaver Creek		13020101	Bakevich	NMGF	3	Restore	Rotenone reclamation	3	Applied Rotenone to approx. 3 miles of stream habitat



## Rio Grande Cutthroat Trout Range-wide Report 2013 - Summary by Signatory Agency, January 1 to December 31, 2013

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2013	Lower Rio Grande		Beaver Lake		13020101	Bakevich	NMGF	3	Restore	Rotenone reclamation	2	Applied Rotenone to approx 2 surface acres of lake habitat
2013	Lower Rio Grande		Casias Creek (aka #2 Creek)		13020101	Bakevich	NMGF	3	Augment	Post-restoration stocking	1	Stocked 1000 RGCT
2013	Lower Rio Grande		Allen Creek		13020101	Bakevich	NMGF	3	Augment	Post-restoration stocking	1	Stocked 1250 RGCT
2013	Lower Rio Grande	13020101cp002	Glacier Lake - Middle and Lower		13020101	Bakevich	NMGF	3	Augment	Post-restoration stocking	1	Stocked 2500 RGCT
2013	Lower Rio Grande					Jacobson	NMGF	3	Stock RGCT	Stock lakes and streams with RGCT for angler recreation (sum of lakes and streams stocked)	12	Multiple locations stocked with RGCT for recreational purposes. 340,000 total fish stocked.
2013						Bakevich	NMGF	7	Coordinate	Annual Rangewide meeting	1	
2013						Patten	NMGF	7	Coordinate	NM RGCT working group meeting	1	
2013						Bakevich	NMGF	7	Coordinate	Filled out this form	1	
2013	Lower Rio Grande		Alamitos, Powderhouse, Policarpio		13020101	Green/Bakevich	NMGF	A	Miscellaneous	Wild spawn	1	4500 eggs collected
2013	Lower Rio Grande		Seven Springs Hatchery			Jacobson	NMGF	A	Miscellaneous	Hatchery spawn	1	729,000 eggs collected
<b>United States Forest Service - Colorado</b>												
2013	Rio Grande Headwaters		Pass Creek		42010	Wiley	USFS	1	Survey	2 pass removal at upper two stations in the Compo Molino area	1	No RGCT were collected. Very good brook trout population.
2013	Rio Grande Headwaters	13010004cp002	East Pass Creek		42022 13010004	Wiley	USFS	3	Connectivity	Secured funding to replace 2 culverts on East Pass Creek	1	Culverts will be replaced in FY 2014.
2013	Rio Grande Headwaters	13010004cp007	Middle Fork Carnero Creek		38782 13010004	Wiley	USFS	4	Improve	Habitat monitoring to document changes in condition since USFS changed grazing strategies	1	Monitored stream condition and conducted pebble counts. Lower pasture grazed with reduced numbers. Constructed temporary fence around stream/spring area in middle pasture. Introduced beaver back into system and they have created 3 ponds in the drainage.
2013	Rio Grande Headwaters					Wiley	USFS	7	Coordinate	Filled out this form	1	
2013	Rio Grande Headwaters					Wiley	USFS	7	Coordinate	Participated in annual rangewide meeting	1	
2013	Rio Grande Headwaters		Roaring Fork		42616 13010004	Wiley	USFS	7	Coordinate	Planning/Coordination with CPW and private landowner for possible restoration project	1	
2013	Rio Grande Headwaters		West Fork Rio Chama		38972 13010005	Wiley	USFS	3	Stock RGCT	Maintaining recreational RGCT fishery	1	
2013	Rio Grande Headwaters		Archuleta Creek		38059 13010005	Wiley	USFS	3	Stock RGCT	Maintaining recreational RGCT fishery	1	

## Rio Grande Cutthroat Trout Range-wide Report 2013 - Summary by Signatory Agency, January 1 to December 31, 2013

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
<b>United States Forest Service - New Mexico</b>												
2013	Pecos		Rio Bonito		13060008	Paroz/Bakevich	FS/NMGF	1	Survey	Post-fire EF survey	3	No fish detected
2013	Upper Pecos	13060001cp008	Cave Creek		13060001	Cook	FS	1	Taxonomy	AFLP - standard and CR	1	>99% pure
2013	Upper Pecos	13060001cp007	Jack's Creek		13060001	Cook	FS	1	Taxonomy	AFLP - standard and CR	1	>99% pure
2013	Lower Rio Grande	13020202cp002	Rito del las Palomas		13020202	Cook	FS	1	Taxonomy	AFLP - standard and CR tests	1	>99% pure
2013	Lower Rio Grande	13020102cp009	Polvadera Creek		13020102	Cook	FS	1	Habitat Inventory	Installed thermographs	1	Data yet to be analyzed
2013	Upper Pecos	13060001cp009	Macho Creek		13060001	Cook	FS	2	Secure	Tres Lagunas Fire RGCT rescue	1	Fish rescued then returned in Fall since it didn't burn
2013	Upper Pecos	13060005cp001	Pinelodge		13060005	Paroz	FS	4	Improve	Willow plantings in burn	1	
<b>United States Fish and Wildlife Service</b>												
2013	Lower Rio Grande		Santa Clara Creek		13020101	Kitcheyan	FWS	7	Planning		1	Multi-Agency meeting with Santa Clara Pueblo-Office of Environmental Affairs, New Mexico Department of Game & Fish, Mora NFH & TC, and NMFWCO to discuss RGCT, satellite hatchery facility, on-site visit to the canyon, and future rehabilitation projects for RGCT.
2013	Lower Rio Grande		Santa Clara Creek		13020101	Kitcheyan	FWS	1	Survey	Post-fire fish survey	1	Fish surveys to assess the fish community and fish habitat after post-fire flooding events due to Las Conchas Fire.
2013	Lower Rio Grande		Rio Nambe		13020101	Kitcheyan	FWS	7	Planning		1	Meeting with Governor and Environmental of Nambe Pueblo, Forest Service, New Mexico Department of Game and Fish, and USFWS-NMFWCO to discuss Rio Nambe Drainage regarding potential RGCT projects.
2013	Lower Rio Grande		Rio Nambe		13020101	Kitcheyan	FWS	7	Planning		2	Meeting with Nambe Pueblo-Environmental Department to coordinate and assess Rio Nambe Drainage.
2013	Lower Rio Grande		Rio Nambe		13020101	Kitcheyan	FWS	1	Survey	Post-fire fish survey	2	Fish surveys to assess the fish community after post-fire flooding events due to Pacheco Fire.
2013	Lower Rio Grande		Santa Clara Creek		13020101	Kitcheyan	FWS	7	Planning		4	Meetings with Santa Clara Pueblo-Office of Environmental Affairs to discuss future rehabilitation projects for the Santa Clara Creek Drainage due to Las Conchas Fire.
2013	Pecos		Rio Ruidoso		13060005	Kitcheyan	FWS	7	Planning		2	Meeting with New Mexico State University, NMFWCO, and members of Mescalero Tribal Administration and Natural Resources Committee to discuss Rio Ruidoso Drainage regarding completed field work findings and logistics to reintroduce RGCT into the Middle Fork & South Fork.
2013						Kitcheyan	FWS	7	Planning		2	Multi-Agency meeting with Cochiti Pueblo-Department of Natural Resources & Conservation to discuss RGCT.
2013						Kitcheyan	FWS	1	Planning	Site visit to Peralta and Cochiti canyons	1	Pueblo of Cochiti-Department of Natural Resources & Conservation and NMFWCO visited multiple sites to assess post-fire impacts to the stream (e.g., fish habitat, sediment deposition, etc.) caused by Las Conchas Fire.
2013						Kitcheyan	FWS	6	Database	Annual database entry	1	
2013						Kitcheyan	FWS	7	Coordinate	RGCT Conservation Strategy	4	Federal, state, tribal agencies working together to develop and complete RGCT strategic plan.

## Rio Grande Cutthroat Trout Range-wide Report 2013 - Summary by Signatory Agency, January 1 to December 31, 2013

Year	GMU	Population Code	Water	Water Code	HUC	Biologist	Agency	Strategy	Subhead	Activity	Units Accomplished	Comments
2013						Kitcheyan	FWS	7	Coordinate	Southwest Tribal Fisheries Commission	2	Inform and update participating Tribes/Pueblos on the development of the RGCT Strategic Plan.
2013						Kitcheyan, Davenport	FWS	7	Coordinate	NM RGCT Working Group meeting	2	
2013						Kitcheyan	FWS	7	Coordinate	Filled out this form	1	
<b>Bureau of Land Management - Colorado</b>												
<b>Bureau of Land Management-New Mexico</b>												
<b>National Parks Service - Colorado</b>												
2013	Rio Grande Headwaters		Sand Creek	42856	13010003	Bunch	NPS	7	Planning	Planning for Sand Creek Chemical Reclamation Project	1	
<b>National Parks Service - New Mexico</b>												
<b>Taos Pueblo</b>												
<b>Jicarilla Apache Nation</b>												
2013	Lower Rio Grande	13020102cp003	Poso Creek		13020102	Mazzone	JAN G&F	A	Miscellaneous	Worked to establish land manager trust by doing Department literature review, synthesis and presenting information gathered to land manager	1	
2013	Lower Rio Grande	13020102cp003	Poso Creek		13020102	Mazzone	JAN G&F	7	Coordinate	Filled out rangewide accomplishments worksheet	1	
2013	Lower Rio Grande	13020102cp002	Little Willow Creek		13020102	Mazzone	JAN G&F	A	Miscellaneous	Worked to establish land manager trust by doing Department literature review, synthesis and presenting information gathered to land manager	1	
2013	Lower Rio Grande	13020102cp002	Little Willow Creek		13020102	Mazzone	JAN G&F	7	Coordinate	Filled out rangewide accomplishments worksheet	1	
<b>Mescalero Apache Tribe</b>												