Dry Weather Screening

Location: 17 SNOW VISTA ARROYO AT SAGE RD

DATE 11/18/2009 **TIME** 12:30 **WEATHER** Sunny

SUSPECTED SOURCE

EST. FIOW, CFS 0

SUSPECTED PROBLEM TYPE

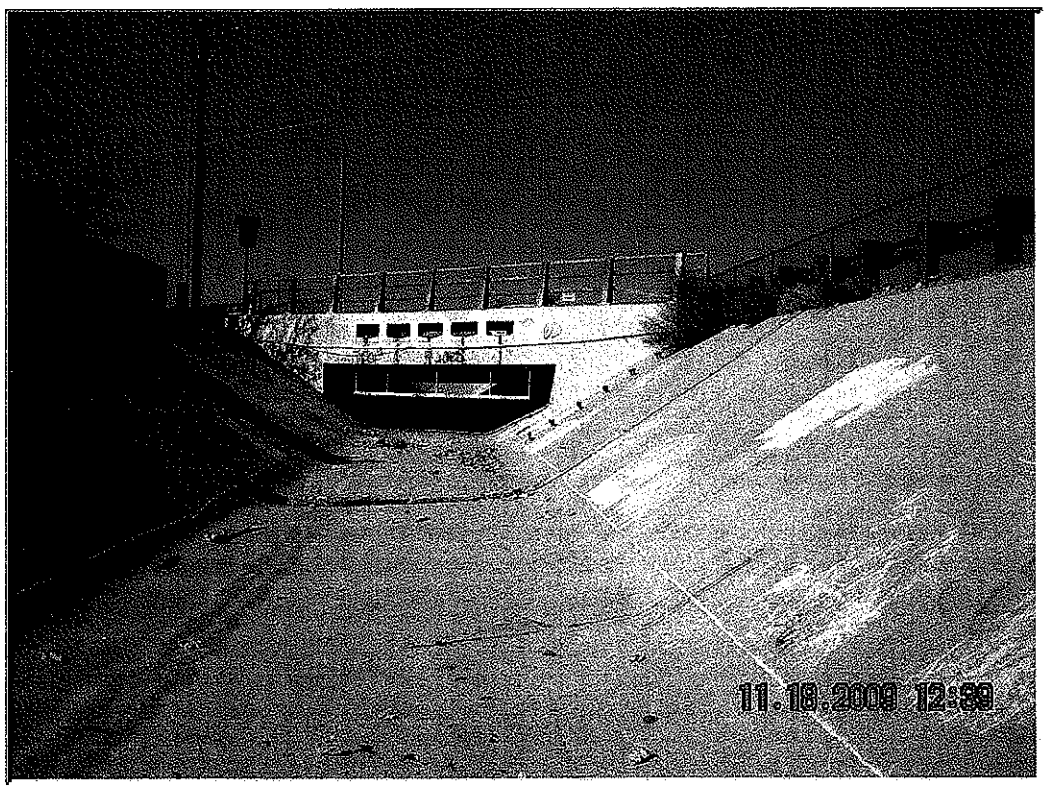
AIR TEMP,° 54 **PH:**

WATER TEMP,°F **APPEARANCE:**

DISS OXYGEN, MG/L: **OBSERV GROSS POLLUT:**

CONDUCTANCE, µMHOS/CM **INSPECTOR** SK

FIELD NOTES no flow



6

APPENDIX E
ENFORCEMENT ACTIONS AND INSPECTIONS (SAMPLE FORMS)

Complaint Evaluation

Event ID 380 **REPORTING SOURCE** 311 **Complaint Date** 12/11/2009

CUSTOMER ANONYMOUS **311CASE ID** 4838830 **e-mail:**

CUSTOMER Ph# **Facility Address** 7501 ST JOSEPHS NW

DESCRIPTION Water truck that is working on a construction area near the address listed is leaking hydraulic fluid all over the street. They tried to clean it once but just washed it into the gutters.

Suspected Facility SALL'S BROTHERS CO **Type of Complaint** OIL

Inspection Date 12/11/2009 **Number of Field Visits** 1 **Inspector** SK

Facility Contact SUPERVISOR **Facility Ph. #**

FIELD OBSERVATION I went for the subject call today and spoke to the supervisor of the project.Sall's Brothers co. owns the water tanker that broke down and caused hydrulic fluid spill on the street.The suporvisor told me that they covered the spill with dirt and rags to absorb the spill, and then they disposed the dirt and rags.They used water for final clean up.I asked him not to wash any thing in the future into the storm inlets.
This project has SWPPP and NOI

INITIAL ACTION

FOLLOW-UP ACTION

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APPENDIX F
PUBLIC EDUCATION PROGRAM

HIGHLIGTS OF EDUCATION PROGRAM IN 2009

Date	Activity	Description
2/23/09	Presentation to UNM Landscape Architecture Course	A presentation was made by COA personnel to a UNM landscape and architecture course on Albuquerque's MS4 program and the importance of low impact development.
3/19/09	Presentation to NM Flood Plain Managers	A presentation on Albuquerque's MS4 program and storm water pollution prevention techniques was made by COA personnel to various agencies and contractors at the NM Flood Plain Managers Conference
4/7/09	Booth at High School Environmental Conference	AMAFCA and COA representatives hosted a booth highlighting storm water pollution prevention practices at an environmental conference geared towards high school students
4/22/09	Booth at College Sustainability Fair	UNM and COA personnel hosted a booth showcasing storm water pollution prevention practices at UNM's Sustainability Fair
5/16/08	Dia del Rio - Spring	UNM personnel assisted in river clean up while COA personnel installed over 50 storm drain inlet markers in the surrounding neighborhood.
5/23/05	Booth at Q-Jam	COA personnel hosted a booth highlighting the importance of good storm water quality and appropriate pollution prevention techniques.
6/22/08-6/25/09	EPA Region 6 MS4 Conference	COA storm water section engineer and AMAFCA drainage engineer attended the annual EPA Region 6 MS4 conference in Houston TX.
7/16/09 (taping) 7/24/09 (aired)	KNME "In Focus" Program	Representatives from UNM, AMAFCA, and SSCAFCA were interviewed on a local public TV broadcast regarding the importance of storm water quality, techniques employed by the local agencies, and practices that the average individual can implement to improve storm water quality.
8/26/09	Low Impact Development (LID)/Green Infrastructure (GI) Focus Group	Personnel from the COA, NMDOT, and Bernalillo County participate in a focus group comprised of local agencies, landscape architects, and developers to discuss the merits and pitfalls of a pre-selected group of LID/GI features for arid climates.
Summer '09	Storm Water TV and Radio Spots	The Storm Water Quality Team member, Bernalillo County, sponsored radio and television ads emphasizing the importance of pollution prevention practices, including proper pet waste disposal.
9/23/09	Taping of General Storm Water Program on GOV TV	Representatives from UNM, AMAFCA, and SCCAFCA were interviewed on storm water management practices and the importance of good storm water quality by local media host Steve Stucker

HIGHLIGTS OF EDUCATION PROGRAM IN 2009

Date	Activity	Description
10/15/09	Taping of "Bacteria in Our Storm Water" on GOV TV	Microbiologist from Bernalillo County and COA Storm Water Manager recorded a ½ hour program on bacteria in storm water, regulations regarding bacteria in the Rio Grande, and practices to reduce the concentration of bacteria
10/18/09	Dia del Rio - Fall	COA, AMAFCA, and Bernalillo County personnel manned booths and distributed giveaways and brochures on storm water pollution prevention at the Fall 2009 river clean up day. UNM personnel participated in the clean up event.
10/24/09	Water Festival for 4th Graders	COA and Bernalillo County personnel served as evaluator and instructor for a "water festival" for over 750 4th graders in the Albuquerque Metropolitan area. Emphasis was placed on the importance of the local watershed.
4/4/2009 10/17/2009	Installation of Storm Drain Markers by Local Scouts	Two eagle scouts coordinated with COA engineer and fellow scouts to install over 200 storm inlet markers and distribute approximately 2000 door hangars with pollution prevention tips within their neighborhoods.
May 2009 - December 2009	Presentations on Storm Water Quality made to Neighborhood Association Groups	AMAFCA, COA, and NMDOT personnel made informal presentations to 17 Neighborhood Association groups in the ABQ metropolitan area. Groups were given information on the area's storm water system, storm water quality, and storm water pollution prevention practices.
March 2009 - July 2009	EPA GI/LID Webcasts	COA personnel continued their education in storm water quality improvement by participating in 6 EPA webcasts on GI/LID techniques
As needed, generally monthly – Ongoing	Storm Water Quality Team Meetings	MS4 partners met with local public relations firm, Cooney Watson, to discuss future storm education projects, including preparation of a video from which TV ads could be made. The team also purchased a movable display board, updated its brochure on storm water pollution prevention practices, and acquired additional giveaways (pens, sticky pads) for use at community events.
Quarterly - Ongoing	Middle Rio Grande Water Quality Work Group	Representatives from Bernalillo County, AMAFCA, COA, and UNM attend quarterly water quality meetings for stake holders in the Middle Rio Grande watershed to discuss water quality issues.
As needed- Ongoing	Response to 311 calls	Brochures on pollution prevention practices and relevance to water quality issues are distributed on an ongoing basis in response to 311 calls. Brochures that are distributed are tailored to address the concern expressed in the call.

PUBLIC OUTREACH/EDUCATION PHOTOS

Figure 1. UNM Sustainability Fair – COA Storm Team representative provides information for interested UNM students

Figure 2. UNM's Sustainability Fair – UNM Storm Team Member displays "Scoop the Poop" bumper sticker

PUBLIC OUTREACH/EDUCATION PHOTOS

Figure 3. UNM's Sustainability Fair – Mayor Chavez visits adjacent booth

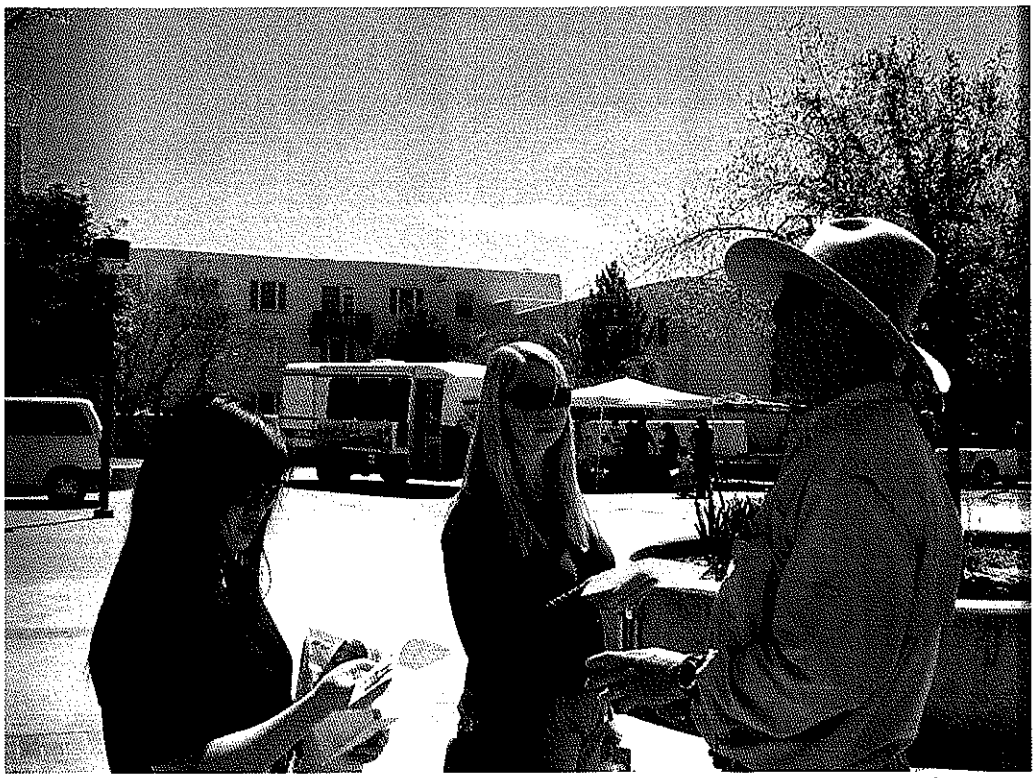


Figure 4. UNM Storm Team member distributes bumper stickers to interested students

May 22, 2009

Dear Kathy:

I wanted to express my appreciation for agreeing to come out for **National River Cleanup 2009**. Hopefully next year we'll be able to get a willing crew together for you to help install storm drain markers.

Despite the windy weather, the event was great fun and the volunteers came out in force this year. We had around 140 volunteers working at several locations along the river. Many of the volunteers floated in rafts provided by Kirtland Air Force Base Outdoor Recreation and collected trash from the islands and banks of the river. At the Central Bridge volunteers collected an estimated 900 pounds of garbage from the Bosque and River.

The National Hispanic Cultural Center organized their own cleanup with 9 NHCC docents, volunteers and friends working around Bridge Blvd. They collected 15 FULL garbage bags and 2 tires from the NHCC Bosque area. The Bosque del Neighborhood Association also organized a cleanup near the Montano Bridge. We couldn't have done it without your help! Events like the River Cleanup bring the entire community together to help protect our City's precious natural resources. Thanks again for your continued support!

Sincerely,

Kent Swanson
Associate Planner
City of Albuquerque
Open Space Division
P.O. Box 1293
Albuquerque, NM 87103

NATIONAL RIVER CLEANUP 2009
HIGHLIGHTS

Thank you for your generous support!

City of Albuquerque
Parks and Recreation Dept
OPEN SPACE DIVISION

Mayor Martin Chavez

Tuesday, November 3rd, 2009

Kathy Verhage
CITY STORM WATER TEAM
One Civic Plaza
Albuquerque NM 87102
768-3654

Dear Kathy:

On behalf of the Open Space Division, I would like to personally thank you for contributing to the success of the **15th Annual Día del Río**.

It was very successful day! On October 17, 2009, over 85 dedicated volunteers and eight local conservation organizations came together to honor one of New Mexico's most precious natural resources, the Rio Grande.

After enjoying snacks donated by General Mills, Starbucks Coffee, La Dolce Vita Bakery and Cafe, and the House of Bread and the Open Space Alliance, the volunteers headed out to various projects in and around the Rio Grande Nature Center.

During the day we:

- Collected over 20 bags of trash in addition to large miscellaneous debris from the Bosque and from under the I-40 Bridge.
- Hauled off two trash compactor loads of tumble weeds, trash, and invasive plants from the Nature Center grounds!
- Planted 200 native shrubs along the high flow channel west of the Nature Center.
- Cleared weeds and non-native plants from the new Aldo Leopold Interpretive trail.

After the hard work, everyone gathered for raffle prizes that included a cool REI day pack, Maize Maze tickets, an organic food basket, gift certificates from local bakeries, water bottles and sports equipment donated by General Mills, natural skin care products from La Montanita Co-op, and Open Space annual passes.

It was great to have you on board for this year and hope you will join us for next year's event. Events like Día del Río bring the entire community together to help protect our City's precious natural resources.

With appreciation,

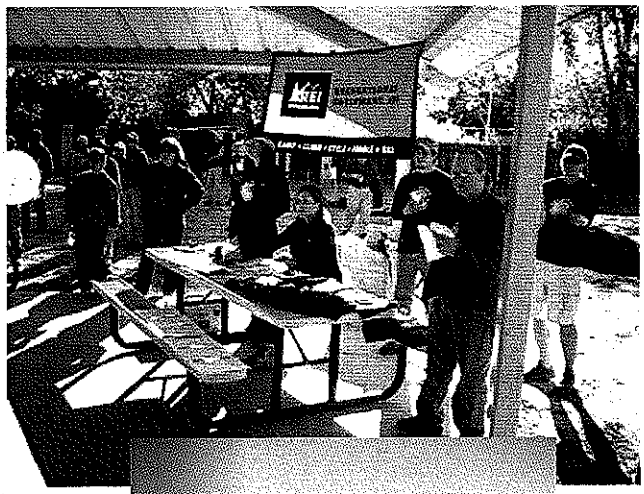
Kent Swanson
Associate Planner
City of Albuquerque
Open Space Division
P.O. Box 1293
Albuquerque, NM 87103
505-452-5200

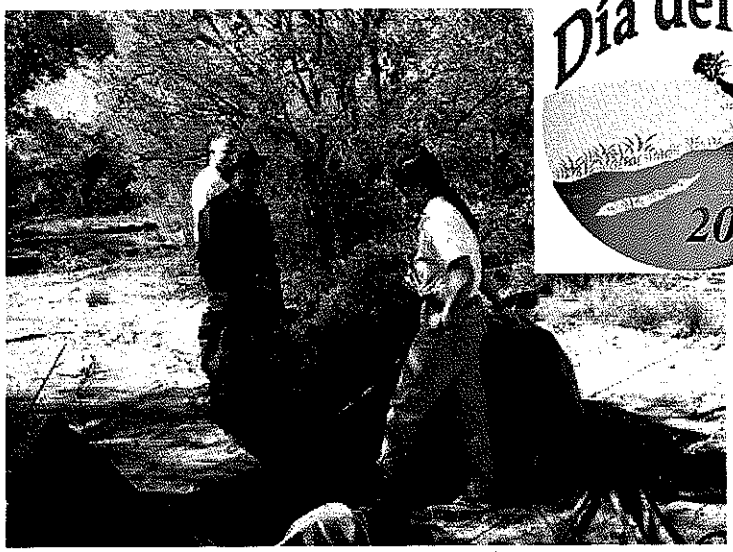
City of Albuquerque
Parks and Recreation Dept.
OPEN SPACE DIVISION

Mayor Martin Chávez

15TH Annual Día del Río 2009
A Celebration of the Río and its *Bosque*
Event Highlights

THANK YOU FOR YOUR PARTICIPATION!





STATISTICS FOR KEEPTHERIOGRAND.ORG WEBSITE

The General Summary provides a quick overview of the general statistics for the Keeptheriogrand.org web site during the report time frame.

General Summary		
1.	Host name	keeptheriogrand.org
2.	Host URL	http://www.keeptheriogrand.org
3.	Program start time	Jan 12, 2010 19:28
4.	Time of first request	Jan 30, 2008 05:44
5.	Time of last request	Jan 12, 2010 23:01
6.	Time last 7 days lasts until	Jan 12, 2010 19:28
7.	Successful server requests	92,493 Requests
8.	Successful requests in last 7 days	1,699 Requests
9.	Logfile lines without status code	23,319 Lines
10.	Logfile lines without status code in last 7 days	0 Lines
11.	Successful requests for pages	14,972 Requests for pages
12.	Successful requests for pages in last 7 days	284 Requests for pages
13.	Distinct files requested	113 Files
14.	Distinct files requested in last 7 days	67 Files
15.	Distinct hosts served	2,302 Hosts
16.	Distinct hosts served in last 7 days	122 Hosts
17.	Unwanted lines in the logfile	156 Lines
18.	Total data transferred	767.453 MB
19.	Total data transferred in last 7 days	10.027 MB

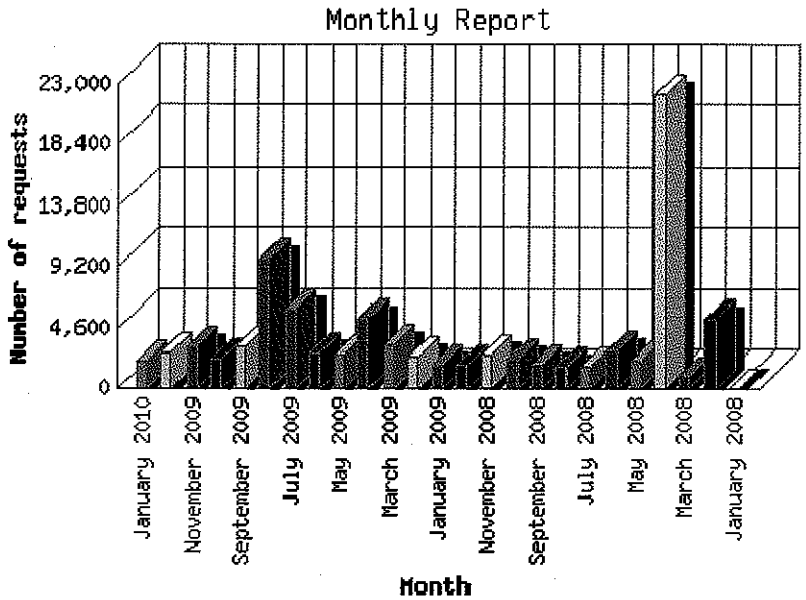
The Search Query Report shows the queries that sites visitors have sent to search engines to find our site. This only lists queries for search engines that have been defined and that provide this information in their referrer data. This report is useful in determining what keyword and which search engines refer visitors to our site.

	Search Query	Number of requests
1.	keep the rio grand	18
2.	stormwater team	12
3.	keeptheriograng	6
4.	keeptheriograng.org	6
5.	rio grande water pollution	5
6.	how much does a broken septic system pollute water?	5
7.	pino channel	5
8.	paint tube	4
9.	kevin daggett	4
10.	stormwater team albuquerque	4
11.	site:keeptheriograng.org keeptheriograng.org	3
12.	rio grande river clean dirty	3
13.	albuquerque storm water team	3
14.	runoff generally anywhere	3
15.	pinochannel	3
16.	kevin daggett albuquerque	3
17.	storm water team	3
18.	www.keeptheriograng.org/faq.htm	2
19.	why should we be concerned about nitrogen runoff into lakes and other water sources?	2
20.	pinochannel.com	2
21.	albuquerque water runoff	2
22.	keep the rio grande	2
23.	pollution word find.com	2

	Search Query	Number of requests
24.	kathy verhage	2
25.	albuquerque stormwater team	2
26.	keep the rio grande clean	2
27.	does stormwater hurt fish	2
28.	what large body of water does rio grande flow into	2
29.	this occurs when cars leak oil on roadways	2
30.	household cooking oil recycle centers in albuquerque nm	2
	[not listed: 272]	275

*This report shows the first 30 results by number of requests. This report is sorted by number of requests.

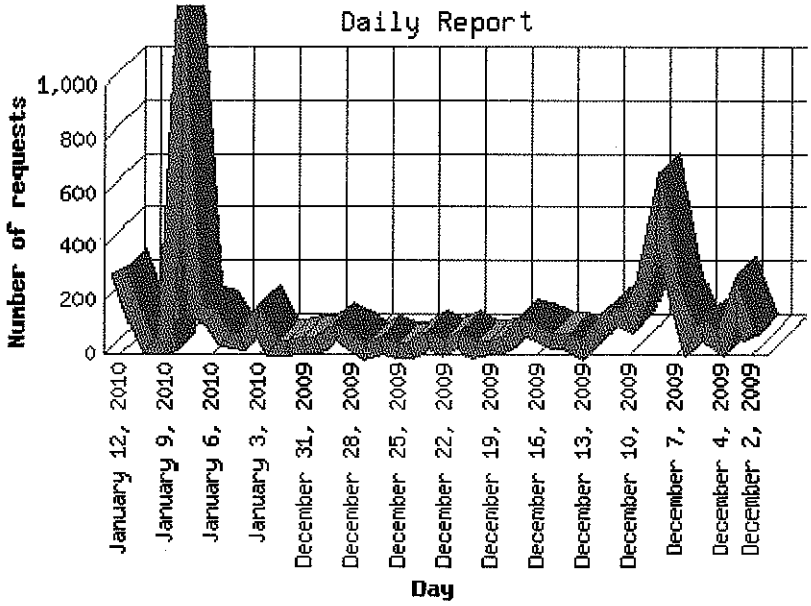
The Monthly Report identifies activity for each month in the report time frame. Remember that each page hit can result in several server requests as the images for each page are loaded.
Note: Depending on the report time frame, the first and last months may not represent a complete month's worth of data, resulting in lower hits.



	Month	Number of requests	Number of page requests
1.	January 2008	4	4
2.	February 2008	5,231	337
3.	March 2008	928	109
4.	April 2008	22,207	795
5.	May 2008	2,075	428
6.	June 2008	2,870	344
7.	July 2008	1,648	610
8.	August 2008	1,722	584
9.	September 2008	1,752	461
10.	October 2008	2,288	784
11.	November 2008	2,536	688
12.	December 2008	1,786	599
13.	January 2009	1,843	607
14.	February 2009	2,378	658
15.	March 2009	3,279	754
16.	April 2009	5,317	869
17.	May 2009	2,570	751
18.	June 2009	2,703	733
19.	July 2009	6,015	851
20.	August 2009	9,840	948
21.	September 2009	3,147	677
22.	October 2009	2,311	619
23.	November 2009	3,224	689
24.	December 2009	2,741	671
25.	January 2010	2,078	402

Most active month August 2009 : 948 pages sent. **22,207 requests handled.** Monthly average: 598 pages sent. **3,699 requests handled.**

The Daily Report identifies the activity for each day within the reporting period. One page hit can result in several server requests as the images for each page are loaded.



	Day	Number of requests	Number of page requests
1.	December 2, 2009	59	24
2.	December 3, 2009	203	28
3.	December 4, 2009	40	11
4.	December 5, 2009	86	19
5.	December 6, 2009	44	14
6.	December 7, 2009	238	37
7.	December 8, 2009	530	51
8.	December 9, 2009	276	32
9.	December 10, 2009	118	17
10.	December 11, 2009	140	21
11.	December 12, 2009	89	20
12.	December 13, 2009	15	10

	Day	Number of requests	Number of page requests
13.	December 14, 2009	52	28
14.	December 15, 2009	52	21
15.	December 16, 2009	81	21
16.	December 17, 2009	94	39
17.	December 18, 2009	41	11
18.	December 19, 2009	20	18
19.	December 20, 2009	16	11
20.	December 21, 2009	55	20
21.	December 22, 2009	25	23
22.	December 23, 2009	52	18
23.	December 24, 2009	14	13
24.	December 25, 2009	14	10
25.	December 26, 2009	31	27
26.	December 27, 2009	6	5
27.	December 28, 2009	47	18
28.	December 29, 2009	79	22
29.	December 30, 2009	40	34
30.	December 31, 2009	37	11
31.	January 1, 2010	19	15
32.	January 2, 2010	21	18
33.	January 3, 2010	130	32
34.	January 4, 2010	43	17
35.	January 5, 2010	52	20
36.	January 6, 2010	138	31
37.	January 7, 2010	155	30
38.	January 8, 2010	991	89
39.	January 9, 2010	27	26

	Day	Number of requests	Number of page requests
40.	January 10, 2010	33	23
41.	January 11, 2010	160	55
42.	January 12, 2010	309	46

What is stormwater runoff?

Stormwater runoff is water from rain or melting snow that flows over the land instead of seeping into the ground. In Albuquerque, runoff eventually flows into the Rio Grande.

What is polluted runoff?

Runoff can pick up and carry trash, debris and many substances that pollute water. Some substances in the runoff — such as pesticides, fertilizers, oil and soap, dirt, pet waste, grass clippings and leaves — are the result of human carelessness and can harm the Rio Grande.

What can the average person do to help?

There are many actions an individual can take to help prevent the pollution of stormwater runoff. Most can be done right at home.

For example, pet waste contributes significantly to pollution of the river – picking up after your pets, wrapping the waste in plastic and disposing of it in the garbage can help. In addition, it's important to repair cars so they don't leak fluids, and to wash them on grass or at a carwash.

Keep fertilizer, as well as leaves and grass clippings, out of streets and gutters. Avoid littering of any kind – even cigarette butts – especially near a storm drain. Keep lawn and household chemicals sealed tightly and in a place where rain cannot reach them. Dispose of old or unwanted chemicals at household hazardous waste collection sites or events.

To learn more ways you can help, visit our website at **www.keeptheriogrand.org.**

Mid Rio Grande
Stormwater Quality Team
www.keeptheriogrand.org

Our Mid Rio Grande Stormwater Quality Team Partners

The Stormwater Quality Team was formed in 2004 to educate individuals and businesses about how to reduce stormwater pollution by keeping trash and other pollution out of our stormwater system. The team includes:

- Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA)
- Bernalillo County
- City of Albuquerque
- Ciudad Soil and Water Conservation District
- New Mexico Department of Transportation
- Southern Sandoval County Arroyo Flood Control Authority (SSCAFCA)
- University of New Mexico

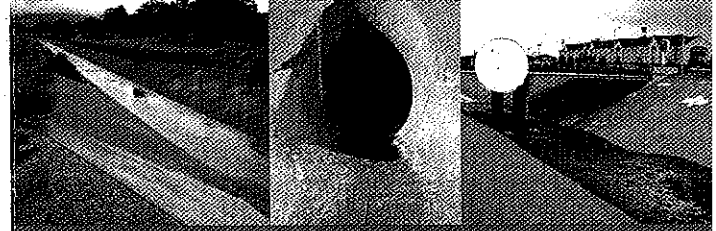
You can become a Stormwater Quality Team partner too!

Visit our website today
www.keeptheriogrand.org

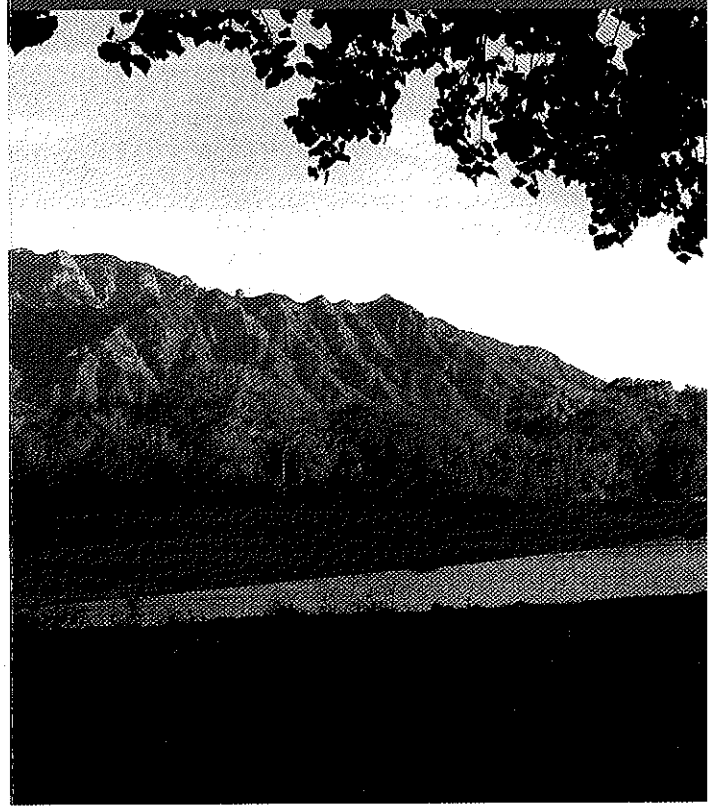
AMAFCA

THE UNIVERSITY of NEW MEXICO

New Mexico DEPARTMENT OF TRANSPORTATION



Help reduce stormwater pollution to...
Keep the Rio Grand!



Mid Rio Grande
Stormwater Quality Team
www.keeptheriogrand.org

8

APPENDIX G
STORM WATER QUALITY IMPROVEMENTS

STORM WATER QUALITY IMPROVEMENTS MADE IN 2009

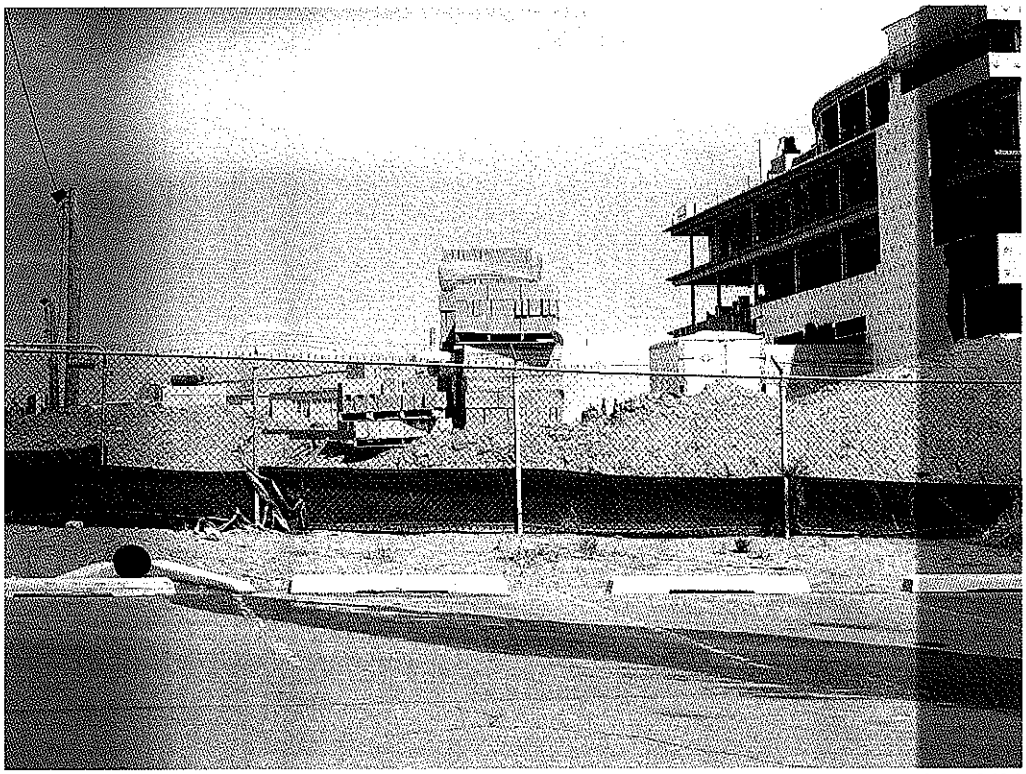


Figure 1. Silt fencing along construction perimeter of detention pond at UNM's Cancer Treatment Facility

Figure 2. Storm water quality inlet installed in one of UNM's parking lots

STORM WATER QUALITY IMPROVEMENTS MADE IN 2009

Figure 3. "Rain garden" using roof-top irrigation water from UNM's Student Union Building (SUB)

Figure 4. Storm water inlet to UNM's storm water detention system