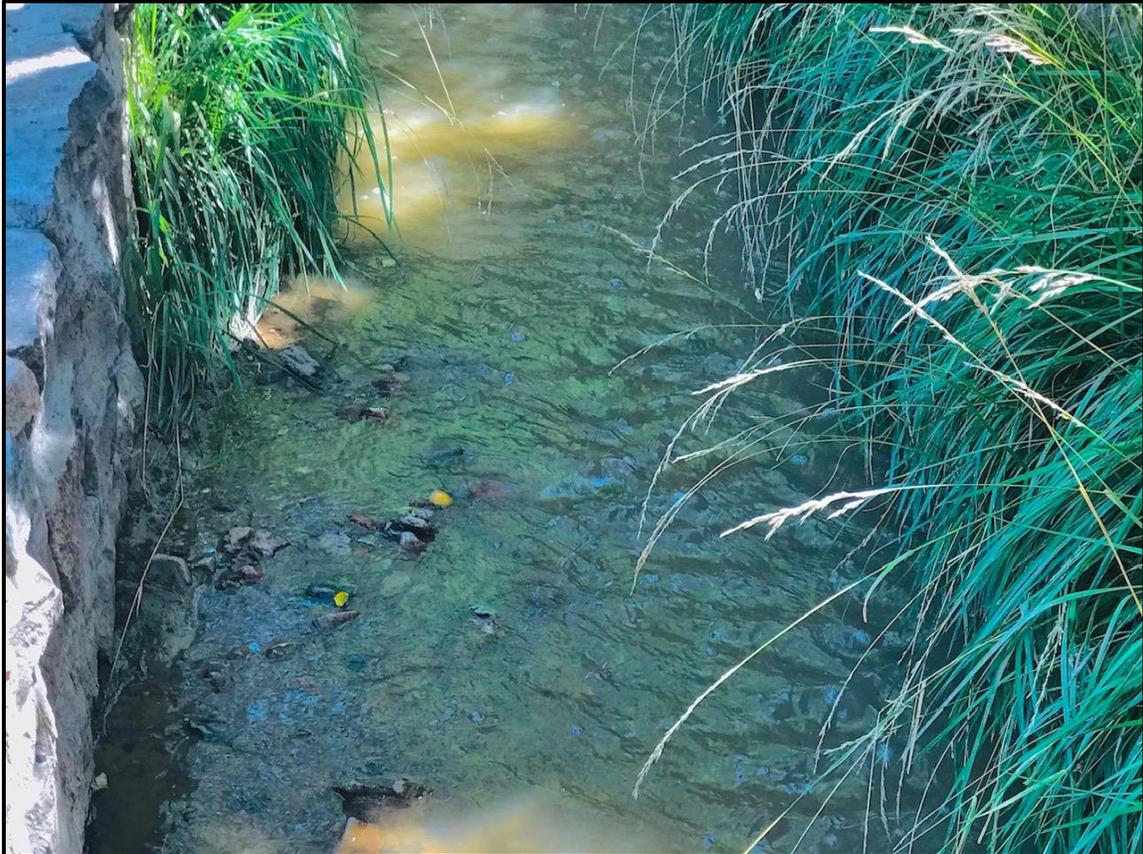


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**FY 2021 MS4 Annual Report**  
**in Compliance with**  
**MS4 Permit NMR040000**



*Santa Fe County*

October 2022

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## List of Attachments

Santa Fe County MS4 Jurisdiction Map

## Annual Report Format



### National Pollutant Discharge Elimination System Stormwater Program MS4 Annual Report Form



Check box if you are submitting an individual Annual Report with cooperative program elements

Check box if you are submitting an individual Annual Report with individual program elements

Check box if this is a new name, address, etc.

#### 1. MS4(s) Information

Santa Fe County

Name of MS4

Leandro Cordova Deputy County Manager

Name of Contact Person (First) (Last) (Title)

505-995-9517 lcordova@santafecountynm.gov

Telephone (including area code) E-mail

100 Catron St.

Mailing Address

Santa Fe NM 87501

City State ZIP code

What size population does your MS4(s) serve? 11,000 NPDES number NMR040000

What is the reporting period for this report? (mm/dd/yyyy) From Jul 1, 2020 to Jun 30, 2021

#### 2. Water Quality Priorities

A. Does your MS4(s) discharge to waters listed as impaired on a state 303(d) list?  Yes  No

B. If yes, identify each impaired water, the impairment, whether a TMDL has been approved by EPA for each, and whether the TMDL assigns a wasteload allocation to your MS4(s). Use a new line for each impairment, and attach additional pages as necessary.

Impaired Water	Impairment	Approved TMDL	TMDL assigns WLA to MS4
Santa Fe River 9000.A_061 (Sar	E. coli	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Santa Fe River 9000.A_061 (Sar	Aluminium, Total Recoverable	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Santa Fe River 2110_00 (Cieng	Nutrients	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Santa Fe River 2110_00 (Cieng	E. coli	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**2. B. Continued**

Impaired Water	Impairment	Approved TMDL		TMDL assigns WLA to MS4	
Santa Fe River 9000.A_62 (Guad)	Aluminium, Total Recoverable	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Santa Fe River 9000.A_62 (Guad)	PCBs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Santa Fe River 9000.A_62 (Guad)	E. coli	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Santa Fe River 2110_02 (Cochit)	Nutrients	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

C. What specific sources contributing to the impairment(s) are you targeting in your stormwater program?

Sediment; pet waste (E. coli); nutrients; and household waste (nutrients, litter/floatables/potential PCBs).

- D. Do you discharge to any high-quality waters (e.g., Tier 2, Tier 3, outstanding natural resource waters, or other state or federal designation)?  Yes  No
- E. Are you implementing additional specific provisions to ensure their continued integrity?  Yes  No

**3. Public Education and Public Participation**

- A. Is your public education program targeting specific pollutants and sources of those pollutants?  Yes  No
- B. If yes, what are the specific sources and/or pollutants addressed by your public education program?

Pet waste, septic systems, trash/debris/floatables, and household (including hazardous) waste.

C. Note specific successful outcome(s) (e.g., quantified reduction in fertilizer use; NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period.

Please refer to the attached memo for a list of Santa Fe County's MS4 related initiatives.

- D. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your stormwater program?  Yes  No

**4. Construction**

- A. Do you have an ordinance or other regulatory mechanism stipulating:
- Erosion and sediment control requirements?  Yes  No
  - Other construction waste control requirements?  Yes  No
  - Requirement to submit construction plans for review?  Yes  No
  - MS4 enforcement authority?  Yes  No
- B. Do you have written procedures for:
- Reviewing construction plans?  Yes  No
  - Performing inspections?  Yes  No
  - Responding to violations?  Yes  No

C. Identify the number of active construction sites  $\geq$  1 acre in operation in your jurisdiction at any time during the reporting period.

D. How many of the sites identified in 4.C did you inspect during this reporting period?

E. Describe, on average, the frequency with which your program conducts construction site inspections.

No set frequency for inspections. Frequency of inspections depending on length of project and as time allows.

F. Do you prioritize certain construction sites for more frequent inspections?  Yes  No

If Yes, based on what criteria?

G. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:

- Yes Notice of violation  No Authority
- Yes Administrative fines  No Authority
- Yes Stop Work Orders  No Authority
- Yes Civil penalties  No Authority
- Yes Criminal actions  No Authority
- Yes Administrative orders  No Authority
- Yes Other

H. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, inspection results, and enforcement actions of active construction sites in your jurisdiction?  Yes  No

I. What are the 3 most common types of violations documented during this reporting period?

J. How often do municipal employees receive training on the construction program?

**5. Illicit Discharge Elimination**

A. Have you completed a map of all outfalls and receiving waters of your storm sewer system?  Yes  No

B. Have you completed a map of all storm drain pipes and other conveyances in the storm sewer system?  Yes  No

C. Identify the number of outfalls in your storm sewer system.

D. Do you have documented procedures, including frequency, for screening outfalls?  Yes  No

E. Of the outfalls identified in 5.C, how many were screened for dry weather discharges during this reporting period?

F. Of the outfalls identified in 5.C, how many have been screened for dry weather discharges at any time since you obtained MS4 permit coverage?

G. What is your frequency for screening outfalls for illicit discharges? Describe any variation based on size/type.

H. Do you have an ordinance or other regulatory mechanism that effectively prohibits illicit discharges?  Yes  No

I. Do you have an ordinance or other regulatory mechanism that provides authority for you to take enforcement action and/or recover costs for addressing illicit discharges?  Yes  No

J. During this reporting period, how many illicit discharges/illegal connections have you discovered?

K. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated?

L. How often do municipal employees receive training on the illicit discharge program?

**6. Stormwater Management for Municipal Operations**

A. Have stormwater pollution prevention plans (or an equivalent plan) been developed for:

- All public parks, ball fields, other recreational facilities and other open spaces  Yes  No
- All municipal construction activities, including those disturbing less than 1 acre  Yes  No
- All municipal turf grass/landscape management activities  Yes  No
- All municipal vehicle fueling, operation and maintenance activities  Yes  No
- All municipal maintenance yards  Yes  No
- All municipal waste handling and disposal areas  Yes  No

Other

B. Are stormwater inspections conducted at these facilities?  Yes  No

C. If Yes, at what frequency are inspections conducted?

D. List activities for which operating procedures or management practices specific to stormwater management have been developed (e.g., road repairs, catch basin cleaning).

E. Do you prioritize certain municipal activities and/or facilities for more frequent inspection?  Yes  No

F. If Yes, which activities and/or facilities receive most frequent inspections?

G. Do all municipal employees and contractors overseeing planning and implementation of stormwater-related activities receive comprehensive training on stormwater management?  Yes  No

H. If yes, do you also provide regular updates and refreshers?  Yes  No

I. If so, how frequently and/or under what circumstances?

**7. Long-term (Post-Construction) Stormwater Measures**

A. Do you have an ordinance or other regulatory mechanism to require:

- Site plan reviews for stormwater/water quality of all new and re-development projects?  Yes  No
- Long-term operation and maintenance of stormwater management controls?  Yes  No
- Retrofitting to incorporate long-term stormwater management controls?  Yes  No

B. If you have retrofit requirements, what are the circumstances/criteria?

C. What are your criteria for determining which new/re-development stormwater plans you will review (e.g., all projects, projects disturbing greater than one acre, etc.)?

D. Do you require water quality or quantity design standards or performance standards, either directly or by reference to a state or other standard, be met for new development and re-development?  Yes  No

E. Do these performance or design standards require that pre-development hydrology be met for:

- Flow volumes  Yes  No
- Peak discharge rates  Yes  No
- Discharge frequency  Yes  No
- Flow duration  Yes  No

F. Please provide the URL/reference where all post-construction stormwater management standards can be found.

Sustainable Land Development Code: <https://www.santafecountynm.gov/media/files/SLDC%201.20.17.pdf>

G. How many development and redevelopment project plans were reviewed during the reporting period to assess impacts to water quality and receiving stream protection?

H. How many of the plans identified in 7.G were approved?

I. How many privately owned permanent stormwater management practices/facilities were inspected during the reporting period?

J. How many of the practices/facilities identified in I were found to have inadequate maintenance?

K. How long do you give operators to remedy any operation and maintenance deficiencies identified during inspections?

L. Do you have authority to take enforcement action for failure to properly operate and maintain stormwater practices/facilities?  Yes  No

M. How many formal enforcement actions (i.e., more than a verbal or written warning) were taken for failure to adequately operate and/or maintain stormwater management practices?

N. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance?  Yes  No

O. Do all municipal departments and/or staff (as relevant) have access to this tracking system?  Yes  No

P. How often do municipal employees receive training on the post-construction program?

**8. Program Resources**

A. What was the annual expenditure to implement MS4 permit requirements this reporting period?

B. What is next year's budget for implementing the requirements of your MS4 NPDES permit?

C. This year what is/are your source(s) of funding for the stormwater program, and annual revenue (amount or percentage) derived from each?

- Source:  Amount \$  OR %
- Source:  Amount \$  OR %
- Source:  Amount \$  OR %

D. How many FTEs does your municipality devote to the stormwater program (specifically for implementing the stormwater program; not municipal employees with other primary responsibilities)?

E. Do you share program implementation responsibilities with any other entities?  Yes  No

Entity	Activity/Task/Responsibility	Your Oversight/Accountability Mechanism
<input type="text"/>	See attached memo.	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

**9. Evaluating/Measuring Progress**

A. What indicators do you use to evaluate the overall effectiveness of your stormwater management program, how long have you been tracking them, and at what frequency? These are not measurable goals for individual management practices or tasks, but large-scale or long-term metrics for the overall program, such as macroinvertebrate community indices, measures of effective impervious cover in the watershed, indicators of in-stream hydrologic stability, etc.

Indicator	Began Tracking (year)	Frequency	Number of Locations
<i>Example: E. coli</i>	2003	Weekly April–September	20
NMED Physical, Chemical & Biological	2010-2020	Triennial	28
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

B. What environmental quality trends have you documented over the duration of your stormwater program? Reports or summaries can be attached electronically, or provide the URL to where they may be found on the Web.

Impairments (E. coli, PCBs, and total recoverable Aluminum) have remained constant in the upper reach of the SF River.

**10. Additional Information**

Please attach any additional information on the performance of your MS4 program, including information required in Parts I.C and III.B. If providing clarification to any of the questions on this form, please provide the question number (e.g., 2C) in your response.

**Certification Statement and Signature**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Yes  No

Federal regulations require this application to be signed as follows: **For a municipal, State, Federal, or other public facility:** by either a principal executive or ranking elected official.

Signature 

**Gregory Shaffer, County Manager**

**10/7/2022**

Name of Certifying Official, Title

Date (mm/dd/yyyy)

# Annual Report Annotations

Additional information to support the EPA MS4 form responses is provided below. Only sections requiring additional space or explanation for the EPA MS4 form responses are included.

## 1. MS4 Information

### Page 1: Contact Information

The MS4 Permit compliance and reporting activities to address the minimum control measures are shared by multiple Santa Fe County departments. Currently, the County's Sustainability Office is working with Bohannon Huston, Inc. (BHI) to set up an improved framework across the County departments related to MS4 Permit compliance and reporting. Below is a summary of the departments involved and their contributions.

#### **Sustainability Office**

Caitlin Weber, Sustainability Specialist

[cweber@santafecountynm.gov](mailto:cweber@santafecountynm.gov)

(505) 995-9515

The Sustainability Office has a large role in the public education and outreach on stormwater impacts and public involvement/participation control measures. The office contributed information on its Earth Day events and public education efforts around recycling, water conservation, and other sustainability topics to this report.

#### **Building and Development Services**

Paul Kavanaugh, Building and Development Supervisor

[pkavanau@santafecountynm.gov](mailto:pkavanau@santafecountynm.gov)

(505) 995-2716

The County's Growth Management, Building and Development Services department has MS4 responsibilities in the construction site stormwater runoff control and the post-construction stormwater management in new development and redevelopment control measures. This department contributed information to the Annual Report related to inspections, code enforcement activities, and staff trainings.

#### **Planning**

Robert Griego, Planning Manager

[rgriego@santafecountynm.gov](mailto:rgriego@santafecountynm.gov)

(505) 986-6215

The County's Growth Management, Planning Services department has MS4 responsibilities primarily in the post-construction stormwater management in new development and redevelopment control measure. This department contributed information to the Annual Report related to relevant County codes.

## Public Works

Gary Giron, Public Works Department Director

[ggiron@santafecountynm.gov](mailto:ggiron@santafecountynm.gov)

(505) 992-3023

The County's Public Works department includes multiple functional areas with MS4 responsibilities including road maintenance, management of Capital Improvement Projects, fleet management, open space management, property control, and solid waste & recycling. Public Works has MS4 responsibilities that span all MS4 control measures. The pollution prevention/good housekeeping for municipal operations control measure is one that falls solely within the County's Public Works department. This department contributed information to the Annual Report related to solid waste management, stormwater management along roadways, staff trainings, and other municipal operations.

### Page 1: What size does your MS4 serve?

Santa Fe County is 1,191 square miles and is New Mexico's third most populous county with more than 154,800 residents. Santa Fe County government provides a wide range of public services to residents who live in the City of Santa Fe and the 67,300 residents who live outside the city limits in the unincorporated areas of the County. This population includes residents who live both within and outside of the urbanized area. There are approximately 11,000 people in the unincorporated urbanized area, which defines the MS4 area. This estimate was found using the 2020 US Census, block-level, population data, and the 2010 US Census Urbanized Area boundary data.

## 2. Water Quality Priorities

**Page 1-2: Impaired waters.** Text box in the Environmental Protection Agency (EPA) Annual Report PDF form truncates text.

The New Mexico Environment Department (NMED) Surface Water Quality Bureau 2020-2022 State of New Mexico CWA §303(d)/§305(b) Integrated List & Report was approved by EPA on January 22, 2021. This list was approved after the National Pollution Discharge Elimination System (NPDES) General Permit for Discharges from Small MS4s Permit (NMR040000) went in administrative continuance (June 30, 2012). Previous impairment lists are available on the NMED Surface Water Quality website (<https://www.env.nm.gov/surface-water-quality/303d-305b/>).

Impaired Water*	Impairment	Approved TMDL?	TMDL Assigns WLA for MS4?
Santa Fe River	Aluminum, total recoverable	No	N/A
(Guadalupe St. to Nichols Reservoir)	Polychlorinated Biphenyls (PCBs)	No	N/A
NM-9000.A_62	E. coli	Yes	Yes

Impaired Water*	Impairment	Approved TMDL?	TMDL Assigns WLA for MS4?
Santa Fe River (Santa Fe WWTP to Guadalupe St.) NM-9000.A_061	E. coli	Yes	Yes
	Aluminum, total recoverable	No	N/A
Santa Fe River (Cienega Creek to Santa Fe WWTP) NM-2110_00	Nutrients	No	N/A
	E. coli	Yes  Also, TMDL (but no impairments) for sedimentation/siltation, DO, pH, and chlorine	Yes  No WLAs for MS4s for sedimentation/siltation, DO, pH, and chlorine
Santa Fe River (Cochiti Pueblo boundary to Cienega Creek) NM-2110_02	Nutrients	No  Also, TMDL (but no impairments) for sedimentation/siltation, DO, and pH	N/A  No WLAs for MS4s for sedimentation/siltation, DO, and pH

\*Impaired water designation from New Mexico Environment Department (NMED) Surface Water Quality Bureau 2020-2022 State of New Mexico CWA §303(d)/§305(b) Integrated List & Report

### 3. Public Education and Public Participation

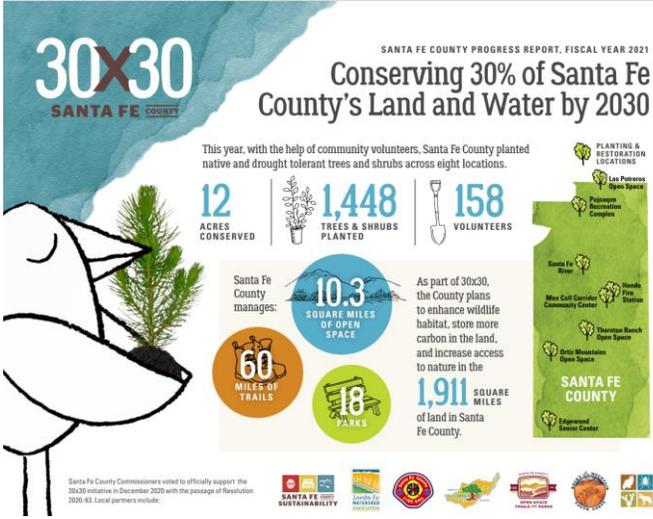
**Page 2: Item 3C. Note specific successful outcome(s) fully or partially attributable to your public education program during this reporting period.**

The table below highlights Santa Fe County’s MS4 related initiatives during this reporting period. Additional information on the initiatives is available upon request or from the links provided.

Throughout the reporting period of July 1, 2020 through June 30, 2021, the Santa Fe County MS4 related initiatives connected with and educated thousands of Santa Fe County residents. The outreach numbers were impacted by the COVID-19 pandemic and resulting intermittent social distancing requirements within New Mexico, beginning in March 2020 and through all of FY 2021.

The table below provides a summary of Santa Fe County’s MS4 related initiatives.

Santa Fe County Initiatives	Date	Accomplishments and Additional Information
Santa Fe County Sustainability Office Adopt-a-Road Program	July 1, 2020 - June 30, 2021	<p>Several community clean ups were conducted, including in Las Golondrinas, La Cieneguilla, and La Puebla. The Adopt-a-Road Program had approximately 28 clean ups from Adopters in 2021. Santa Fe County Adopt-a-Road Program information is available at:</p> <p><a href="https://www.santafecountynm.gov/pages.php?pageID=921">https://www.santafecountynm.gov/pages.php?pageID=921</a></p>
Santa Fe County passed Resolution No. 2020-51 – A Resolution to Protect and Enhance Pollinator Species and Their Habitat Throughout Santa Fe County	July 10, 2020	<p>The resolution encourages residents to make their properties pollinator friendly, and directed County staff to analyze strategies to:</p> <ul style="list-style-type: none"> <li>- identify existing pockets of pollinator habitat on public and private lands,</li> <li>- coordinate with partners,</li> <li>- encourage locally-led pollinator habitat protection and restoration,</li> <li>- encourage herbicide/ pesticide reduction and banning use of certain types altogether in County facilities, and</li> <li>- provide educational opportunities.</li> </ul> <p>Resolution information is available at:</p> <p><a href="https://www.santafecountynm.gov/documents/ordinances/Resolution_2020-51-p0001_-_p0003.pdf">https://www.santafecountynm.gov/documents/ordinances/Resolution_2020-51-p0001_-_p0003.pdf</a></p>
Santa Fe County passed Resolution No. 2020-93 – A Resolution to Support the 30x30 Campaign to Protect 30 Percent of Lands and Ocean by 2030	December 4, 2020	<p>The resolution supports the 30x30 initiative to conserve and restore 30 percent of lands and water by 2030. The resolution directs County staff to develop strategies for:</p> <ul style="list-style-type: none"> <li>- preserving habitats in Santa Fe County, and</li> <li>- protecting the integrity and water quality of the Rio Grande, Santa Fe River, and local stream systems within the County.</li> </ul> <p>Resolution information is available at:</p> <p><a href="https://www.santafecountynm.gov/documents/ordinances/Resolution_2020-93-p0001_-_p0007.pdf">https://www.santafecountynm.gov/documents/ordinances/Resolution_2020-93-p0001_-_p0007.pdf</a></p>

Santa Fe County Initiatives	Date	Accomplishments and Additional Information
30x30 Progress Report – Outcomes for the 30x30 Resolution	July 1, 2020 - June 30, 2021	<p>Along with 158 volunteers, Santa Fe County planted 1,448 trees and shrubs in 8 locations, including along the Santa Fe River in County Earth Day events and Open Space projects. Program information is available at: <a href="https://www.santafecountynm.gov/media/files/Sustain/Santa-Fe-County-30x30-Dashboard-2021.pdf">https://www.santafecountynm.gov/media/files/Sustain/Santa-Fe-County-30x30-Dashboard-2021.pdf</a></p> 
Santa Fe County Sustainability Office Website	July 1, 2020 - June 30, 2021	<p>The Santa Fe County sustainability website landing page had over 1,900 views: (<a href="https://www.santafecountynm.gov/public_works/sustainability">https://www.santafecountynm.gov/public_works/sustainability</a>) Sustainability content generally was viewed over 6,000 times.</p>
Santa Fe County Sustainability Office Virtual Newsletters	July 1, 2020 - June 30, 2021	<p>The Santa Fe County Sustainability Office distributed monthly virtual newsletter to nearly 4,000 residents. As an example of content, the March 2021 issue included resources on recycling and raingardens: <a href="https://content.govdelivery.com/accounts/NMSANTAFE/bulletins/2c2e4c0">https://content.govdelivery.com/accounts/NMSANTAFE/bulletins/2c2e4c0</a></p> <p>Newsletters from up to one year ago are posted to the Sustainability website: <a href="https://www.santafecountynm.gov/public_works/sustainability">https://www.santafecountynm.gov/public_works/sustainability</a></p>
Santa Fe County Sustainability Office Waste Management, Composting and Recycling Efforts	July 1, 2020 - June 30, 2021	<p>The Santa Fe County Sustainability Office handled over 100 calls regarding waste management (e.g., composting, recycling, and clean ups).</p> <p>The County Sustainability Office distributed backyard composting systems to 42 residents in the County to help divert food and yard waste from the landfill.</p>

Santa Fe County Initiatives	Date	Accomplishments and Additional Information
<p>Santa Fe County Public Works Department Solid Waste Efforts</p>	<p>July 1, 2020 - June 30, 2021</p>	<p>The Santa Fe County Public Works department assisted in picking-up roadside trash along County roads and with community clean-up days. The County also owns, operates, and maintains 6 solid waste convenience centers throughout Santa Fe County.</p> <p>The County collected 8,229 tons of refuse, 1,349 tons of recycling, and 9.2 tons of green waste at the 6 convenience centers in 2021. Recycling is mandatory at County convenience centers (<a href="#">Santa Fe County Code 50.07</a>). These County waste management operations help minimize the litter, debris, and pollutants that reach the County's surface waters.</p>
<p>Santa Fe County Growth Management, Open Space</p> <p>Northern New Mexico Master Naturalist Program</p>	<p>July 1, 2020 - June 30, 2021</p>	<p>Santa Fe County Open Space is a partner organization in the Northern New Mexico Master Naturalist Program to train individuals to become stewards of New Mexico's environment, resources, and heritage. Program participants receive classroom instruction and field training where they learn about the ecology and environmental issues facing Northern New Mexico. Participants then complete volunteer hours with one of the program's partner organizations. In 2021, 25 people participated in the program. There are 37 volunteers who completed Master Naturalist instruction and have chosen to volunteer with Santa Fe County Open Space. Volunteer projects include mapping erosion in Open Spaces, wildlife monitoring, and invasive species removal.</p>
<p>Santa Fe County Sustainability Office Water Conservation Education Resource Booklet &amp; Radio Outreach</p>	<p>July 1, 2020 - June 30, 2021</p>	<p>The Santa Fe County Sustainability Office collaborated through "Save Water Santa Fe", a City and County cooperative effort, on the creation of an education resource booklet focusing on water conservation principles.</p>



Santa Fe County Initiatives	Date	Accomplishments and Additional Information
2021 Next Generation Water Summit	June 2, 2021 - June 6, 2021	The County sponsored this summit. Flyers and resources were distributed by the County in a booth during the 2021 Water Summit.

## 5. Illicit Discharge Elimination

### Page 3: Items 5A, 5B, and 5C.

**Outfall and storm sewer mapping.** 5A and 5B are both “Yes” or “No” checkbox responses on the EPA Annual Report form.

Additional explanation: The 2013 Stormwater Management Program (SWMP) Plan stated that “Santa Fe County has limited storm drain outfalls discharging into intermittent and ephemeral water courses (“arroyos”), with potential access to the waters of the United States.”, and that “Storm drain outfalls are privately owned and operated; the County has neither public storm drain system nor public storm drain facilities.” The SWMP committed that as public systems are constructed through implementation of the County’s Capital Improvement Program, these systems will be required to be designed, constructed, and maintained in a manner consistent with NPDES criterion by the Public Works department. The Sustainable Growth Management Plan, adopted by Resolutions 2010-210 and 2010-225, provides a plan of approach for the development of public stormwater conveyance systems to augment sustainability and reduce stormwater pollution.

Santa Fe County’s GIS department has mapped the MS4/Urbanized Areas for the County. This County MS4 jurisdiction map is attached to this Annual Report for reference. To improve the County’s MS4 Permit compliance, Santa Fe County contracted BHI in 2022 to support MS4 Permit compliance and reporting activities. BHI is tasked to assist the County with developing a map of the County stormwater outfalls and stormwater conveyance systems. This task will move the County toward compliance with the requirements in 5A, 5B, and 5C, and will be completed in FY 2023.

### Page 3: Items 5D, 5E, 5F and 5G.

**Outfall dry weather screening.** Additional explanation: Santa Fe County has not identified outfalls, as explained above. To improve the County’s MS4 Permit compliance, Santa Fe County contracted BHI in 2022 to support MS4 Permit compliance and reporting activities, which includes a task that will complete a dry weather screening of the outfalls once the outfalls are identified. This task will move the County toward compliance with the requirements in 5D, 5E, 5F, and 5G, and will be completed in FY 2023.

**Page 4: Item 5L. How often do municipal employees receive training on the illicit discharge program?** Text box in the EPA Annual Report PDF form does not allow enough space to enter complete response. The complete response to summarize the related staff trainings that support understanding of potential illicit discharges:

For FY 2021 (July 1, 2020 - June 30, 2021), the County provided relevant staff trainings as follows:

- 6 staff completed the Certified Stormwater Inspectors (CSI) National Stormwater Center training.
- 53 staff completed Global Safety Data Sheets (SDS) and Hazardous Communication Standards Training.
- 1 staff completed HAZCOM training.
- 20 staff completed Occupational 10 General Industry Training.
- 1 staff completed OSHA 510 - Occupational Safety and Health Standards Training.
- 162 staff completed the staff orientation, which included a presentation from the Sustainability Office on recycling and other County sustainability initiatives.

**Additional projects to highlight related to Santa Fe County projects to reduce and eliminate on-site sewage disposal systems (septic system and cesspools) within the MS4/Urbanized Area:** In the Agua Fria area of Santa Fe County, which is within the MS4/Urbanized Area, the County Public Works department has been leading a multi-million dollar water/wastewater infrastructure expansion project to remove septic systems and cesspools within this area and connect this area to a wastewater system. This project will improve stormwater and surface water quality by reducing the potential leaks and overflows from aging and non-functional septic systems and cesspools.

## **6. Stormwater Management for Municipal Operations**

**Page 4: Item 6G. Do all municipal employees and contractors overseeing planning and implementation of stormwater-related activities receive comprehensive training on stormwater management? If so, how frequently and/or under what circumstances?** Text box in the EPA Annual Report PDF form does not allow enough space to enter complete response. Complete response:

For FY 2021 (July 1, 2020- June 30, 2021), the County provided relevant staff trainings as follows:

- 6 Growth Management staff completed the Certified Stormwater Inspectors (CSI) National Stormwater Center training.
- 162 staff completed the staff orientation, which included a presentation from the Sustainability Office on recycling and other County sustainability initiatives.

## **8. Program Resources**

**Page 5: Item 8A. What was the annual expenditure to implement MS4 Permit requirements this reporting period?** As explained in Section 1, MS4 Information, multiple County departments share responsibilities and expenses related to MS4 Permit compliance and

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reporting. Below is a summary of the department’s expenditures and contributions to implement MS4 Permit requirements for FY 2021.

County Department	Summary of Activities/Tasks/Responsibilities	FY 2021 Expenditure
Sustainability Office	Education and outreach efforts around recycling, water conservation, and sustainability topics; Adopt-A-Road program; Earth Day events and outreach efforts; backyard composting program; Next Generation Water Summit sponsorship; sustainability professional society memberships; and percent FTEs to support MS4 requirements.	\$62,200
Planning and Building and Development Services	SWPPP compliance training costs and percent FTEs to support MS4 requirements, including: development plan reviews, SWPPP reviews, code enforcement inspections, and cistern inspections.	\$30,600
Public Works	Solid waste community cleanup efforts; erosion control and culvert cleaning and maintenance efforts; roadway trash and debris cleanup efforts; and percent FTEs to support MS4 requirements.	\$1,947,800
<b>Total Estimated MS4 Related Expenditures for FY 2021</b>		<b>\$2,040,600</b>

**Page 6: Item 8D. How many FTEs does your municipality devote to the stormwater program (specifically for implementing the stormwater program; not municipal employees with other primary responsibilities)?** Text box in the EPA Annual Report PDF form does not allow enough space to enter complete response.

Complete response: Santa Fe County does not currently have any full-time employees (FTE’s) devoted to the stormwater program related specifically to MS4 Permit compliance. The County does have multiple employees, across the various departments (Sustainability Office, Growth Management - Building and Development Services, Growth Management - Planning, and Public Works) that have staff with MS4 Permit compliance and reporting related responsibilities, typically in the range of 5 to 15-percent of their primary responsibilities. In addition, Santa Fe County contracted BHI in 2022 to supplement County staff and support MS4 Permit compliance and reporting activities.

**Page 6: Item 8E. Do you share program implementation responsibilities with any other entities?** Text box in the EPA Annual Report PDF form does not allow enough space to enter complete response. Complete response:

Entities	Activity/Task/Responsibility	Your Oversight/ Accountability Mechanism
City of Santa Fe Santa Fe County NMDOT-District 5	Santa Fe Stormwater MS4 Advisory Group	Memorandum of Agreement
City of Santa Fe Santa Fe County	"Save Water Santa Fe", a City and County cooperative effort	--

## 9. Evaluating/Measuring Progress

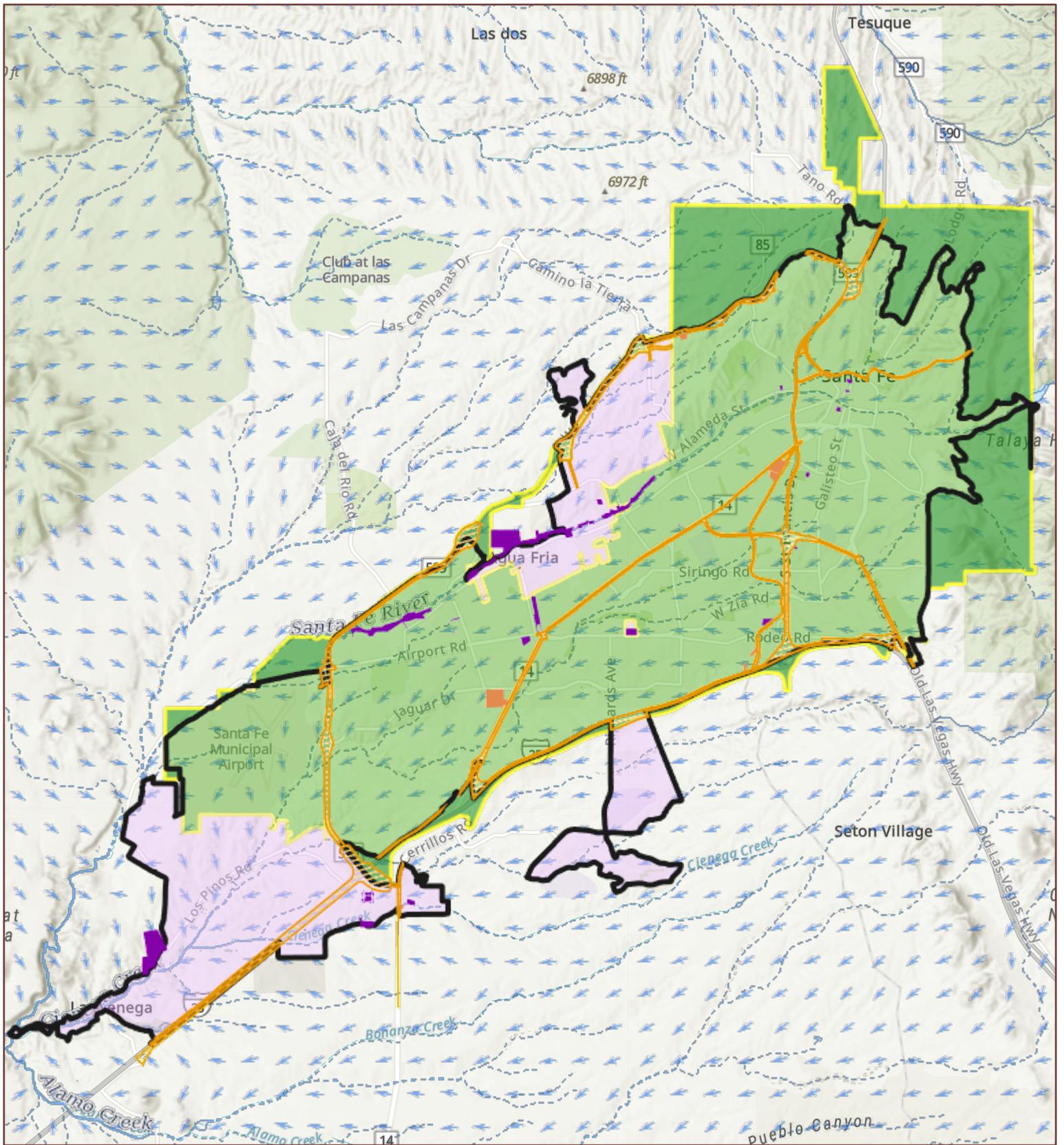
**Page 6: Item 9.** Santa Fe County currently relies on monitoring and reporting completed by NMED. To improve the County's MS4 Permit compliance, Santa Fe County contracted BHI in 2022 to support MS4 Permit compliance and reporting activities which includes several tasks that will contribute to an updated stormwater management program. These tasks will assist the County in developing a framework for improved MS4 compliance where program indicators and overall effectiveness of the stormwater management program can begin to be evaluated.

## 10. Additional Information

**Page 6: Item 10.** Santa Fe County's Stormwater Management Program (SWMP) Plan was updated in 2013. It is accessible online at: [https://www.santafecountynm.gov/userfiles/SFC\\_MS4\\_Rev3-28-2013.pdf](https://www.santafecountynm.gov/userfiles/SFC_MS4_Rev3-28-2013.pdf) or available for review upon request. The current SWMP version is Revision 3, March 2013.

Some MS4 Permit activities for FY 2021 have been impacted by the COVID-19 pandemic and resulting intermittent social distancing requirements within New Mexico, from March 2020 throughout all of FY 2021.

For reference, please find attached to this Annual Report the current County MS4 jurisdiction map.



- MS4
- NMDOT MS4
- Jurisdiction (NMDOT parcels 2021)
- NM Department of Transportation ROW (2016)
- County MS4 Jurisdiction (County owned parcels 2021)
- Census 2021 Urbanized Area
- County MS4 Jurisdiction (Unincorporated Urbanized Areas 2021)
- City of Santa Fe MS4 Jurisdiction
- City of Santa Fe (Outside of the 2021 Urbanized Area)
- Vector Flow/Aspect (2014 LiDAR)



**SANTA FE COUNTY**

Scale: 1:144,448  
1 inch equals 2.28 miles



Exported:  
10/5/2022  
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Spatial Reference: WGS 1984 Web Mercator Auxiliary Sphere  
Note, the Web Mercator projection preserves direction and shape, but distorts distance and area. This information is for reference only. Santa Fe County assumes no liability for errors associated with the use of these data. Users are solely responsible for confirming data accuracy.