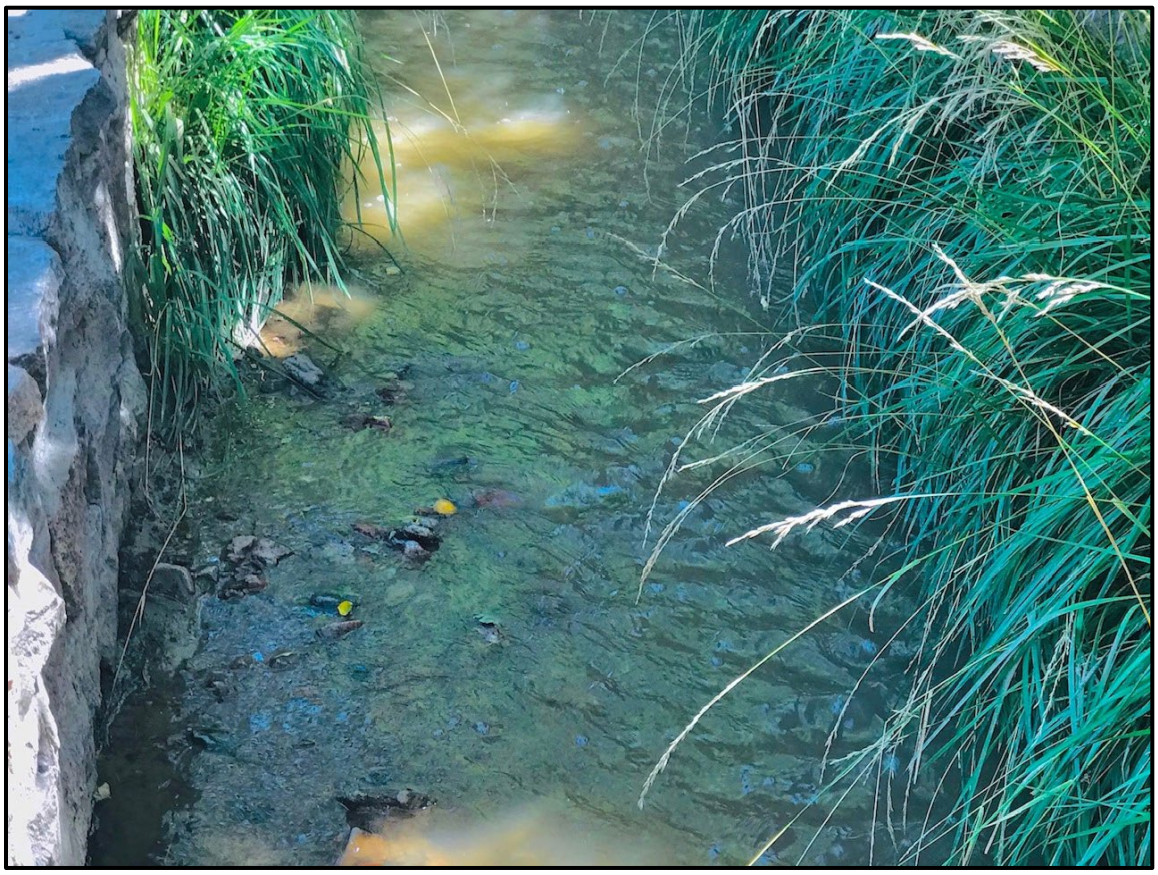
FY 2025 MS4 Annual Report

in Compliance with MS4 Permit NMR040000



SANTA FE COUNTY

October 1, 2025

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- Santa Fe County MS4 Jurisdiction Map
- Santa Fe County MS4 Stormwater Management Priority Areas Map and Matrix of Pollutants of Concern and Probable Sources
- Santa Fe County MS4 Stormwater Outfalls Map
- Santa Fe County MS4 2024 Dry Weather Screening Report

Annual Report Format

National Pollutant Discharge Elimination System Stormwater Program

MS4 Annual Report Format

Check box if you are submitting an individual Annual Report with one or more cooperative program elements. ☒

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

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

240 Grant 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 07/01/2024 to 06/30/2025

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	E. Coli	☒ Yes	☐ No	☒ Yes	☐ No
Santa Fe River 9000.A_061	Aluminum, Total Recoverable	☐ Yes	☒ No	☐ Yes	☐ No
Santa Fe River 2110_00	Nutrients	☐ Yes	☒ No	☐ Yes	☐ No
Santa Fe River 2110_00	E. Coli	☒ Yes	☐ No	☒ Yes	☐ No

2. B. Continued

Impaired Water	Impairment	Approved TMDL		TMDL assigns WLA to MS4	
Santa Fe River 9000.A_062	Aluminum, Total Recoverable	☐ Yes	☒ No	☐ Yes	☐ No
Santa Fe River 9000.A_062	PCBs	☐ Yes	☒ No	☐ Yes	☐ No
Santa Fe River 9000.A_062	E. Coli	☒ Yes	☐ No	☐ Yes	☐ No
Santa Fe River 2110_02	Nutrients	☐ Yes	☒ No	☐ Yes	☐ 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 (nutrient, 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, trash/debris/foatables, 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 ≥ 1 acre in operation in your jurisdiction at any time during the reporting period. 60

D. How many of the sites identified in 4.C did you inspect during this reporting period? 60

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	0	No Authority	☐
☐ Yes	Administrative fines		No Authority	☒
☐ Yes	Stop Work Orders	0	No Authority	☐
☐ Yes	Civil penalties	0	No Authority	☐
☐ Yes	Criminal actions	0	No Authority	☐
☐ Yes	Administrative orders	0	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?

Most common violations observed are silt fences down, mud being tracked unto roads, and dust control at the site.

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

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. 13

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?

13

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? 13

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

See attached memo.

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? 0

K. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated? 0

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

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? See memo.

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

See attached memo.

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.)?

All projects disturbing greater than one acre.

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://ecode360.com/39282293

G. How many development and redevelopment project plans were reviewed during the reporting period to assess impacts to water quality and receiving stream protection? 2

H. How many of the plans identified in 7.G were approved? 2

I. How many privately owned permanent stormwater management practices/facilities were inspected during the reporting period? 2

J. How many of the practices/facilities identified in I were found to have inadequate maintenance? 0

K. How long do you give operators to remedy any operation and maintenance deficiencies identified during inspections? 30 days

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? 0

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? Annually

8. Program Resources

A. What was the annual expenditure to implement MS4 permit requirements this reporting period? $4,741,800

B. What is next year's budget for implementing the requirements of your MS4 NPDES permit? $4,742,000

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:	General Fund	Amount $		OR %	5
Source:	Road Maintenance Fund	Amount $		OR %	95
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)? 1

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

Entity	Activity/Task/Responsibility	Your Oversight/Accountability Mechanism
	See attached memo.	

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
Example: E. coli	2003	Weekly April–September	20
NMED Physical, Chemical & Biological	2010-2020	Triennial	28

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

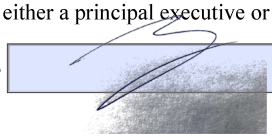
Please attach any additional information on the performance of your MS4 program, including information required in Parts I.C, I.D, and III.B. If providing clarification to any of the questions above, please provide the question number (e.g., 2C) in your response.

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	Name of Certifying Official, Title	Date (mm/dd/yyyy)
	Santa Fe County Manager	10/1/2025

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. Below is a summary of the departments involved and their contributions.

Public Works Department
Michael Carr, Environmental Compliance Officer
mcarr@santafecountynm.gov
(505) 995-9515
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 maintenance, 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 training, and other municipal operations.

Community Development Department, Sustainability Division
Jacqueline Beam, Sustainability Manager
jybeam@santafecountynm.gov
(505) 992-9832
The Sustainability Office supports 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, floatables and litter mitigation, water conservation, and other sustainability topics to this report.

Growth Management Department, Building and Development Services Division
John Lovato, Building and Development Supervisor
jlovato@santafecountynm.gov
(505) 986-6228
The County's Growth Management, Building and Development Services department has MS4 responsibilities in the construction site stormwater runoff control and 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 training.

Growth Management Department, Planning Division

Andrew Harnden, Senior Planner – Water Resources
aharnden@santafecountynm.gov
(505) 995-9516
The County's Growth Management Planning Services department has MS4 responsibilities primarily in the post-construction stormwater management in new development and redevelopment control measures. County planners also organize public meetings and facilitate public participation in a number of water-related projects. The County's Open Space Parks & Trails provides stewardship and conservation to trails and wetland areas. This department contributed information to the Annual Report related to relevant County codes, public meetings, and open space activities.

Page 1: What size does your MS4 serve?
Santa Fe County is 1,911 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. Approximately 11,000 people are 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 2024-2026 State of New Mexico CWA §303(d)/§305(b) Integrated List & Report was approved by EPA on May 13, 2024. 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 (Guadalupe St. to Nichols Reservoir) NM-9000.A_062	Aluminum, total recoverable	No	N/A
	Polychlorinated Biphenyls (PCBs)	No	N/A
	E. coli	Yes	Yes
Impaired Water*	**Impairment**	**Approved TMDL?**	**TMDL Assigns WLA for MS4?**
Santa Fe River	E. coli		

(Santa Fe WWTP to Guadalupe St.) NM-9000.A_061	Aluminum, total recoverable	Yes No	Yes N/A
Santa Fe River (Cienega Creek to Santa Fe WWTP) NM-2110_00	Nutrients E. coli	No Yes Also, TMDL (but no impairments) for sedimentation/siltation, DO, pH, and chlorine	N/A Yes No WLAs for MS4s for sedimentation/siltation, DO, pH, and chlorine TMDL
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 TMDL

*Impaired water designation from New Mexico Environment Department (NMED) Surface Water Quality Bureau 2024-2026 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 on request or from the links provided.

Throughout the reporting period of July 1, 2024, through June 30, 2025, the Santa Fe County MS4 related initiatives connected with and educated thousands of Santa Fe County residents. The outreach activities continue to be impacted by staffing challenges and the County's on-going efforts during this fiscal year to define outreach responsibilities among the various County departments.

The table below provides a summary of Santa Fe County's MS4 related initiatives for public education and involvement:

Santa Fe County Initiatives	Date	Outcomes and Additional Information
Santa Fe County Sustainability Office Website	July 1, 2024 - June 30, 2025	The Santa Fe County sustainability website landing page had over 2,200 views: (https://www.santafecountynm.gov/community-development/sustainability). Sustainability content generally was viewed over 7,400 times.
Santa Fe County Sustainability Office Virtual Newsletters	July 1, 2024 - June 30, 2025	The Sustainability Office distributed monthly virtual newsletter to over 4,100 subscribers. The newsletter contained information on sustainability topics, including xeriscaping and rainwater harvesting landscapes, composting, recycling, and responsible outdoor recreation. A total of 12 Newsletters were published in FY 2025. Past newsletters are posted at: https://www.santafecountynm.gov/community-development/sustainability/subscribe
Santa Fe County Stormwater Website	January 1 - June 30, 2025	The newly created Santa Fe County stormwater landing page had nearly 400 views: (https://www.santafecountynm.gov/public-works/utilities/stormwater). Stormwater content was viewed over 600 times. The Stormwater Webpage includes information on Green Stormwater Infrastructure (GSI) & post-construction stormwater management, EPA regulations, and reporting illicit discharges. This webpage is planned to be developed further in FY 2026.
Community Outreach and Meetings Regarding Water Issues, Santa Fe County Planning Division	July 1, 2024 – June 30, 2025	The Planning Division carried out a series of meetings and tours with community and special interest groups from around the county regarding water topics through FY 2025. Topics included water supply, wastewater management, watershed management, stormwater, aquifer recharge, and septic systems. Groups included acequia associations, irrigation district managers, community associations, Mutual Domestic Water Consumer Associations, Regional Water Planning Committees, and Pueblo Communities.
Community Meeting on Los Potreros Open Space & Wetland Restoration Efforts	May 5, 2025	Santa Fe County Open Spaces, Trails, and Parks, in collaboration with Defenders of Wildlife and Rio Grande Return, held an open house meeting regarding on-going conservation efforts at the Los Potreros Open Space, the restoration of the Rio Quemado wetland, and concerns regarding beaver activity in the area. The meeting aimed to build rapport and strengthen stakeholder

Santa Fe County Initiatives	Date	Outcomes and Additional Information
		communication, including local acequia users and community members.
Pojoaque Basin Regional Water System Open House Events	December 16 & 18, 2024; May 20 & 21, 2025	In partnership with the New Mexico Office of the State Engineer (OSE) and the U.S. Bureau of Reclamation (BOR), Santa Fe County held a series of four open house events across the county to update the community on the status of the Pojoaque Basin Regional Water System (PBRWS). Interactive information tables were available on the topics of options available to domestic well owners, the benefits of connecting to the system, how guaranteed connections to the PBRWS will impact the decision of what distribution lines will be built, easement acquisitions, and project timelines.
Santa Fe County Sustainability Office Adopt-a-Road Program	July 1, 2024 - June 30, 2025	A total of nine community cleanups were held in FY 2025. One took place in August 2024, and the other eight took place from March to June 2025. Six organizations completed the cleanups, with one organization holding four events and the others each holding one. A total of 141 volunteers were reported across all clean-up events. 171 bags of trash and recyclables were removed from roadways. A variety of other debris were also collected that were unable to be bagged with other materials. Active adopt-a-road sections are below: https://sfcomaps.santafecountynm.gov/mapsvc/apps/storymaps/stories/8578582edd324e4cbcccc641ce694b95 Constituents interested in volunteering can utilize the following link: https://www.santafecountynm.gov/community-development/sustainability/go-green-learn/get-involved
Santa Fe County Open Space, Trails and Parks Northern New Mexico Master Naturalist Program	July 1, 2024 - June 30, 2025	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 (including hydrology and water management) facing Northern New Mexico.

Santa Fe County Initiatives	Date	Outcomes and Additional Information
		Participants then complete volunteer hours with one of the program's partner organizations. Since 2017, over 150 people have completed the Master Naturalist program, and over 40 of them have chosen to volunteer with Santa Fe County Open Space.
Santa Fe County Collaboration with Reunity Resources for Backyard Composting Program	June 7, 2024	The County's backyard composting program launched in collaboration with Reunity Resources. Residents who use County convenience centers may apply to receive a free backyard composting system with instruction on how to use it. The goal of this program is to divert organic matter from the landfill and to improve soil health. 33 constituents participated in the FY 2025 program. A total of 189 have participated in the program since 2018. Compost at Home | Santa Fe County (santafecountynm.gov)
Santa Fe County Open Space, Trails and Parks Pet Waste Stations Maintenance	July 1, 2024 - June 30, 2025	Santa Fe County Open Space continued to maintain 15 dog waste stations and related signage throughout the county.
Santa Fe County Open Space, Trails and Parks La Cieneguilla Open Space	July 1, 2024 - June 30, 2025	Santa Fe County Open Space conducted maintenance and monitoring at La Cieneguilla Open Space, particularly to monitor and manage beaver activity.
Santa Fe County Sustainability Office Reduce, Reuse, Recycle Efforts	July 1, 2024 - June 30, 2025	The Sustainability Office handled approximately 45 calls relating to Reduce, Reuse, Recycle.
Santa Fe County Public Works Department Solid Waste (Trash) and Recycling Efforts	July 1, 2024 - June 30, 2025	The Public Works Department assisted in picking-up roadside trash along County roads and with community cleanup days. The County also owns, operates, and maintains seven solid waste convenience centers throughout Santa Fe County. The County collected 6,849 tons of refuse and 1,209 tons of recycling at the seven County solid waste convenience centers in FY 2025. Recycling is mandatory at County convenience centers Santa Fe County, NM Search: 50.07 (ecode360.com). These centers help minimize the litter, debris, and pollutants that reach the County's surface waters.
Santa Fe County Water Policy Advisory Committee (WPAC); Stormwater Working Group	July 1, 2024 – June 30, 2025	The Water Policy Advisory Committee (WPAC) is a working committee that augments Santa Fe County staff resources by bringing independent expertise, research, and effort to its assigned work.

Santa Fe County Initiatives	Date	Outcomes and Additional Information
		The WPAC's primary responsibility is to provide recommendations to the Board of County Commissioners (BCC) concerning sustainable utility services, domestic water supply and conservation, wastewater management and reclamation, irrigation, drought management, flood prevention and control, and water reuse in the County and region. The 2025 WPAC Work Plan and Meeting Schedule was approved by the Board of County Commissioners on 1/28/2025 in Resolution No. 2025-014. Additional information can be found on the WPAC website: (www.santafecountynm.gov/committees/wpac)
AridLID Coalition Collaborator	June 3, 2025 – June 30, 2025	The Arid LID Coalition is a collaborative, multi-disciplinary network of practitioners working to increase the use of Green Stormwater Infrastructure, Low Impact Development (GSI/LID) and Rainwater harvesting in New Mexico. In FY 2025, Public Works Staff registered as a collaborator with the coalition. Committing to actively participating in the network by communicating about the County's GSI/LID projects, sharing educational and professional resources to support the advancement of shared knowledge, and lend leadership to support coalition initiatives when appropriate. (https://aridlidcoalition.org/)
Santa Fe Watershed Association Collaboration	July 1, 2024 - June 30, 2025	The County collaborates and contracts with the Santa Fe Watershed Association in efforts involving watershed health. The Santa Fe Watershed Association's Adopt-a-River Program for Santa Fe County accomplished the following: (1) maintained relationship with one fiscal sponsor to support watershed health projects across the Cerro Gordo to HWY 599 section of the Santa Fe River. (2) oversaw three volunteer steward teams working in County stretches of the Santa Fe River. (3) built three rain gardens at the County's La Familia Southside facility. (4) continued hosting Santa Fe River Traditional Communities Meetings, which gather input from lower Santa Fe River residents and constituents.

Santa Fe County Initiatives	Date	Outcomes and Additional Information
		(5) ensured appropriate educational signage was installed and maintained along the Santa Fe River. (6) supervised volunteer in-kind contributions for rain garden construction and cleanup efforts totaling $4,119.27. (7) organized volunteer efforts to remove 465 lbs. of trash and 100 lbs. of invasive weeds. (8) held monthly steward training workshops and targeted clean-up events throughout the watershed.
New Mexico Compost Coalition	July 1, 2024 - June 30, 2025	Monthly meetings attended by Sustainability, Planning, and Public Works staff with the New Mexico Compost Coalition, which discussed composting and soil health initiatives across the state.
Regional Sustainability Affinity Space	July 1, 2024 - June 30, 2025	Semi-monthly meetings attended by Sustainability staff and organized by Los Alamos County to discuss on-going/upcoming events, grants, programs, and collaborations related to sustainability in Northern New Mexico.
Rio Grande Recyclers Monthly Call	July 1, 2024 - June 30, 2025	Monthly meetings attended by Sustainability staff that engage solid waste authorities, municipalities, counties, and organizations implementing practices related to recycling.
City, County, Schools Sustainability Check In Meetings	July 1, 2024 - June 30, 2025	Informal, semi-monthly meetings attended by Sustainability Staff and organized by Santa Fe Public Schools to discuss sustainability projects happening across the Santa Fe area.
Santa Fe County supported efforts organized by the Keep Santa Fe Beautiful – Great American Cleanup event and Toss no Mass	September 21, 2024; April 12, 2025	Keep Santa Fe Beautiful (KSFB) is a 501(c)3 non-profit which partners with the City of Santa Fe on environmental education, litter awareness/prevention and beautification projects. The Great American Cleanup and Toss No Mas are annual neighborhood litter cleanups organized by Keep Santa Fe Beautiful, supported by the City of Santa Fe and Santa Fe County.

Santa Fe County Initiatives	Date	Outcomes and Additional Information
Santa Fe Solid Waste Management Agency (SFSWMA) Free Residential Solid Waste and Green Waste Disposal Days	Various	SFSWMA provided free residential solid waste and green waste disposal at County convenience centers to support and encourage participation in the Great American Cleanup - Keep America Beautiful. SFSWMA 2024 & 2025 Free Days Calendar *The SFSWMA is jointly administered by the City of Santa Fe and Santa Fe County under the terms of a Joint Powers Agreement.*
Santa Fe County Transfer Station Free Solid Waste Disposal Days	September 21, 2024; April 12, 2025	In support of the Great American Cleanup and Toss No Mas, the Santa Fe County Board of County Commissioners has approved Resolution No. 2024-035 and Resolution No. 2025-031, designating free disposal days to encourage community-wide defensible space in preparation for fire season, reducing litter, and contributing to the overall beautification of our community in 2024 and 2025.
Open Spaces, Trails, and Parks Division Cleanup Days		The Open Spaces, Trails, and Parks staff organized several clean up actitvities on County property in FY 2025. Clean up of the illegal dumping site resulted in a total of 16 tons of tires and refuse being removed. This effort was supported by one non-staff volunteer. 15 native plants were planted and educational outreach reagrding illegal dumping was provided to the Santa Fe Watershed Association and Master Naturalist Program. Funding support for the removal of illegally dumped tires was provided by the NMED's Recycling and Illegal Dumping (RAID) Grant.
Santa Fe County Free Tire Recycling days	May 23 & 24, 2025; June 6 & 7, 2025	A series of free tire recycling days were organized to prevent the illegal dumping of tires in rural areas where they could impact stormwater conveyance systems (arroyos). A total of 20.94 tons of tires were collected by these events. Funding support for these free tire recycling days was provided by the NMED's Recycling and Illegal Dumping (RAID) Grant.

Santa Fe County Initiatives	Date	Outcomes and Additional Information
Santa Fe County Earth Day 2025	April 19, 2025	The County's annual Earth Day celebration focused on developing urban canopy, soil health (infiltration), and riparian restoration. Public education materials were shared at this event. Santa Fe County Sustainability provided over 140 trees to constituents across all five commissioner districts. Another 139 trees were provided to Rio Grande Return, a local non-profit which provides services related to riverscape restoration, habitat conservation, and planning/assessment.
4Nature Santa Fe	Launched April 19, 2025	This program offers resources and information on how to enhance habitats in residential, agricultural, or commercial landscapes, including guidance on soil health, biodiversity, water infiltration, and conservation. (www.santafecountynm.gov/community-development/sustainability/4nature-santa-fe)
2025 Land and Water Summit	March 6 - 7, 2025	The County sponsored and attended this regional summit hosted by the Ciudad Soil and Water Conservation District. The event focused on highlighting regional, national, and international efforts to implement GSI and Nature-based Solutions (NbS) to develop water resource management practices in arid climates.
Love Your Watershed Day	May 10, 2025	The Planning and Sustainability Divisions attended and participated as a tabling exhibitor at the Santa Fe Watershed Association Love Your Watershed Day. Love Your Watershed Day 2025 - The Santa Fe Watershed Association
Wildfire Mitigation Community Outreach Events	March 29, May 17, May 24, May 31, & June 7, 2025	The Sustainability Division attended and participated as a tabling exhibitor during a series of events held to educate the public on wildfire preparedness and mitigation strategies. Outreach was focused on public education regarding GSI, and its role in soil health, water infiltration, and native landscaping.
NM Counties Conference	January 22-23, 2025	The Sustainability Division attended and participated as a tabling exhibitor during the NM Counties Conference Outreach was focused on public education regarding GSI, and its role in soil health, water infiltration, and native landscaping.
2025 Next Generation Water Summit	June 20-21, 2025	The County sponsored and attended grey water workshops on policy and technical resources at this summit. The theme of this year's summit was "**Increasing Resilience in an Unpredictable Climate**".

Santa Fe County Initiatives	Date	Outcomes and Additional Information
		It brought together the building and development community, water reuse professionals, and water policymakers in a collaborative setting to share best practices and to learn about innovative water conservation and water reuse techniques that can be used to comply with water conservation restrictions spreading across the southwest. 2024 Next Generation Water Summit (vfairs.com)

Page 2: Item 3D. Do you have an advisory committee or other body comprised of the public and other stakeholders that provide regular input on your stormwater program?
The Santa Fe County Water Policy Advisory Committee (WPAC) is a working committee that augments Santa Fe County staff resources by bringing independent expertise, research, and effort to its assigned work. The committee is comprised of ten volunteer members from the public, representing each of the five commissioner districts (two volunteer members per commissioner district).

The WPAC's primary responsibility is to provide recommendations to the Board of County Commissioners (BCC) concerning sustainable utility services, domestic water supply and conservation, wastewater management and reclamation, irrigation, drought management, flood prevention and control, and water reuse in the County and region.

Five members of this committee represent a subcommittee working group focused on stormwater related issues and support the development of the County's stormwater program. These include implementing Nature-based Solutions (NbS), GSI, and Aquifer Recharge efforts.

5. Illicit Discharge Elimination

Page 3: Items 5A, 5B, and 5C.
Outfall and storm sewer mapping. The 2013 Stormwater Management Program (SWMP) Plan and the updated 2024 SWMP both state 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 County has committed to public systems that are constructed through implementation of the County's Capital Improvement Program that will be required to be designed, constructed, and maintained in a manner consistent with NPDES criterion by the Public Works Department.

In addition, 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 (UAs) for the County. The County MS4 jurisdiction map is attached to this Annual Report for reference. In FY 2024, Santa Fe County initiated efforts to identify their stormwater outfalls and conveyance system locations through a continued contract with Bohannan Huston, Inc. (BHI). Field visits were conducted at County facilities and potential outfall locations. These locations corresponded mostly with road infrastructure completed in FY 2025, specifically Falcon Way, also known as the NE/SE Connector Road Project. A total of 13 outfalls were identified and can be found illustrated in the BHI Memorandum attachment *Santa Fe County MS4 2024 Dry Weather Field Screening Report*. These findings will require future updates to the SWMP to reflect the addition of County-owned storm sewer systems, previously identified and limited, or privately owned.

Efforts to map all stormwater infrastructure (drainpipes and other conveyance systems) are on-going. The Public Works Department is working towards developing a full-time position responsible for documenting and tracking Santa Fe County assets, including storm drainage infrastructure. Budget allocation for this position is pending but isn't planned to be advertised until FY27. This position would support task item 6.3.4 of the 2024 SWMP, which identifies completing a map of County-owned culverts, bar ditches, and other drainage structures with a SWMP target date for completion by July 2026.

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

Outfall dry weather screening. Additional explanation: As of February 2025, Santa Fe County has identified 13 outfalls points, based on field visits performed in December 2024 and February 2025. These outfalls were identified with the assistance of an on-going BHI contract and are defined more specifically in the attachment *Santa Fe County MS4 Dry Weather Field Screening Report*.

Analysis in FY 2022 and FY 2023 identified priority County stormwater management areas, including roadways, trails, parks, and facilities that are located near the Santa Fe River and Cienega Creek, where stormwater runoff from County maintained roadways/trails may have an impact on surface waters. Many of these priority stormwater management areas, along with other County owned areas, were visited on February 24, 2023, with BHI and County staff. During February 24, 2023, and December 9, 2024, site visits, there were no dry weather discharges identified at the County facilities. The priority County stormwater management areas were reviewed and finalized with County departments in FY 2024 (October 2023). The Santa Fe County MS4 Stormwater Management Priority Areas Map and related matrix of pollutants of concern and probable sources is attached to this Annual Report for reference.

To improve the County's MS4 Permit compliance, Santa Fe County continued to contract with BHI in FY 2025 to support MS4 Permit compliance and reporting activities. Based on recommendations provided by BHI, the County will develop documented procedures, including frequency, for screening outfalls in FY 2026.

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 training courses that support understanding of potential illicit discharges:
For FY 2025 (July 1, 2024 – June 30, 2025), the County provided relevant staff trainings as follows:

- New staff are trained in proper recycling and general sustainability during the new employee orientation (210 orientations during FY 2025).
- A total of 339 staff completed Global Safety Data Sheets (SDS) and Hazardous Communication Standards training.

A comprehensive County training course will be developed in FY 2026 for relevant staff participating in municipal construction and roads maintenance activities. This training will include information from the 2022-2027 EPA Construction General Permit (CGP) and applicable NMED regulations.

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 to 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.

The project is currently 15% completed as of June 30, 2025. The new system constructed by the County will be turned over for management to the City of Santa Fe on completion.

6. Stormwater Management for Municipal Operations

Page 4: Item 6D. List activities for which operating procedures or management practices specific to stormwater management have been developed (e.g., road repairs, catch basin cleaning). The County is preparing a Pollution Prevention and Good Housekeeping Program (PPGHP) plan for the applicable facilities and activities in Santa Fe County in compliance with the National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System Permit (MS4 Permit) NMR040000, 2007. The PPGHP is being developed with the intent of reducing pollutant discharges from Santa Fe County operations and thereby improving water quality in the Santa Fe River. This includes documenting operating procedures and management practices impacting stormwater across the Public Works Department. It is expected to be completed in FY26.

The County is also preparing an emergency response for petroleum and hazardous materials spills, inclusive of spill prevention and response plans specific to the Santa Fe County Public Works Complex, Stanley Maintenance Yard, and Arroyo Seco Maintenance Yard. The

properties all include on-site above-ground storage tanks (ASTs), underground storage tanks (USTs), or both.

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 2025 (July 1, 2024 - June 30, 2025), the County provided relevant staff training as follows:

- New staff were trained in proper recycling and general sustainability during the New Employee Orientation (210 orientations during FY 2025).
- The County's Growth Management Department staff regularly trains staff using the Certified Stormwater Inspectors (CSI) National Stormwater Center training. The County Floodplain Manager is a certified floodplain administrator and maintains certification by attending the annual New Mexico Floodplain Managers Association annual conference and completing 15 credits of supplemental training.
- A total of 13 staff attended a 2022-2027 Construction General Permit (CGP) Training hosted by the City of Santa Fe and led by the Associated Contractors of New Mexico between December 2024 and April 2025. The attending staff included individuals from the Planning Division, Sustainability Division, and Public Works Department.
- The Environmental Compliance Officer received training and certification as a Qualified SWPPP Preparer and Inspector through the StormwaterOne training and credentialing service.
- One Sustainability Division and one Public Works Department staff attended the Land and Water Summit and three staff attended the Next Generation Summit, several other staff members utilized the digital option to view presentations during or following the event.

A comprehensive County training course will be developed in FY 2026 for relevant staff participating in municipal construction and roads maintenance activities. This training will include information from the 2022-2027 EPA Construction General Permit (CGP) and applicable NMED regulations.

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 reporting. Below is a summary of the department's expenditures and contributions to implement MS4 Permit requirements for FY 2025.

County Department	Summary of Activities / Tasks / Responsibilities	FY 2025 Expenditure
Community Development Department: Sustainability Division	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; Land & Water Summit; sustainability professional society memberships; and several staff providing a portion of full time employee (FTE) support for MS4 requirements.	$285,155
Growth Management Department: Planning and Building and Development Services Division	SWPPP compliance training costs and percent FTEs to support MS4 requirements, including development plan reviews, SWPPP reviews, code enforcement inspections, and cistern inspections.	$36,319.65
Public Works Department:	Solid waste community cleanup efforts; erosion control and culvert cleaning and maintenance efforts; roadway trash and debris cleanup efforts; support of Santa Fe Watershed Association for river cleanups; and several staff providing a portion of FTE support for MS4 requirements.	$4,420,290.17
Total Estimated MS4 Related Expenditures for FY 2025		**$4,741,764.82**

Page 5: 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 for a complete explanation.

Complete explanation: In FY 2024, the BCC approved a position for an Environmental Compliance Officer, and this position was advertised in FY 2024. The position was filled in August of 2024 (FY 2025). This new position includes MS4 Permit compliance and reporting responsibilities. Responsibilities were previously dispersed across positions in various departments (Sustainability Office, Growth Management - Building and Development Services, Growth Management - Planning, and Public Works), typically in the range of 5- to 15 percent of their primary duties. In addition, Santa Fe County continued to contract BHI to supplement County staff and to 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 New Mexico Department of Transportation (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. In FY 2024, NMED's Surface Water Quality Bureau (SWQB) began a Santa Fe River Microbial Source Tracking (MST) Special Project - https://www.env.nm.gov/surface-water-quality/wp-content/uploads/sites/18/2023/04/2023-Santa-Fe-River-MST-FSP-Final.pdf. The SWQB will investigate the sources of nutrient and fecal contamination in the Santa Fe River. The SWQB will collect MST and E. coli samples for analysis at three to five established SWQB monitoring sites along the Santa Fe River within the City of Santa Fe. The County will review the results from this project, once available, to determine if the results are applicable to and useful for the County's MS4 program.

To improve the County's MS4 Permit compliance, Santa Fe County continued to contract BHI to support MS4 Permit compliance and reporting activities which includes several tasks that have contributed to an updated stormwater management program (SWMP) completed in April 2024. This SWMP has been utilized as the guiding work plan for developing the Santa Fe County stormwater program and is mostly on track with the target deadlines proposed therein. Collaborative training for Stormwater Quality within the MS4 jurisdiction is also being pursued for completion by County staff in FY 2026, which will allow for a better understanding of stormwater quality across the MS4 jurisdiction.

10. Additional Information

Page 6: Item 10. Santa Fe County's Stormwater Management Program (SWMP) Plan was updated in FY 2024. All County departments involved with MS4 related responsibilities were involved in this update process and provided input for its development. It is accessible online at: https://www.santafecountynm.gov/uploads/documents/Santa_Fe_County_MS4_SWMP_April_2024_REV.pdf or available for review upon request. The finalized SWMP Plan was presented to and approved by the BCC on April 30, 2024. The SWMP was made available for public comment through June 23, 2024. No public comments were received. The updated 2024 SWMP was included in the County's FY24 MS4 Annual Report submitted on September 30, 2024.

As of June 30, 2025, 20 task items identified in the 2024 SWMP have been completed. Efforts to complete several other task items are on-going and several more have been placed on hold

for further review. The County has kept up with the expected target deadlines proposed in the 2024 SWMP, except for those few on-going and postponed task items. Progress will continue to be made for task items expected to be completed in FY 2026. The summary table below describes the progress made on task items with associated target completion date in FY 2025.

Table

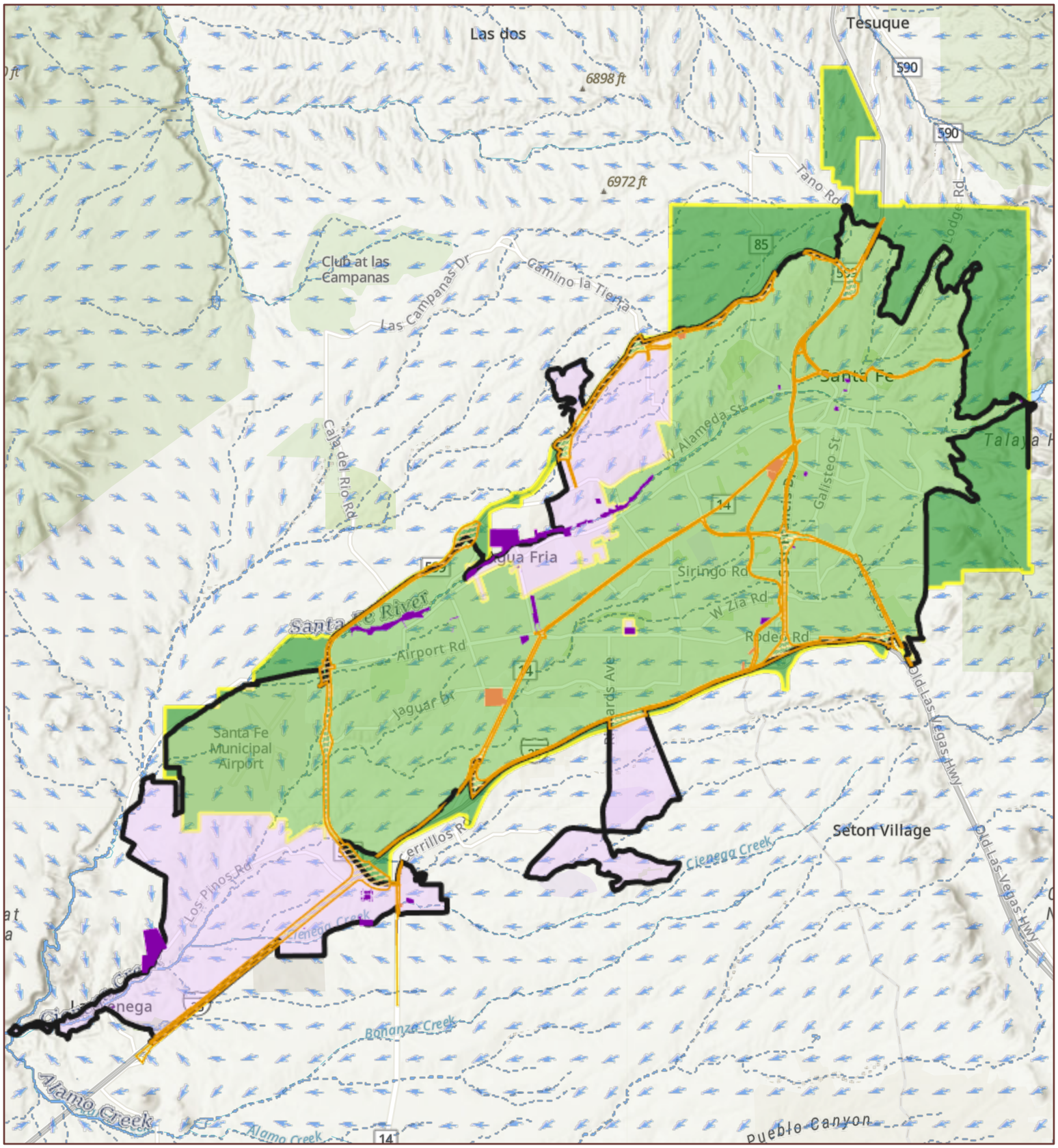
Task Item No.	SWMP Strategy	Progress
Task items to be completed following approval of the SWMP		
2.1.2	Continue to follow the County's internal procedure to advertise and solicit public comments when annual reports are available for public comment in the "News" section of the County website, in the Sustainability newsletter, and on the stormwater management webpage.	Completed
2.1.3	Follow the County's internal procedure to share draft annual report with local advisory boards and interested community organizations.	Completed
2.1.4	Follow the County's internal procedure to advertise and solicit public comments updates to the SWMP in the "News" section of the County website, in the Sustainability newsletter, and on the stormwater management webpage.	Completed
2.1.5	Follow the County's internal procedure to share draft SWMP documents with local advisory boards and interested community organizations.	Completed
5.4.1	Integrate nature-based climate solutions, including GSI, into the countywide climate action plan.	Completed
6.1.2	Develop a SWPPP for the County Public Works Complex.	Completed
Task items to be completed within 9 months after the approval of the SWMP		
1.1.1	Provide web resources for the public and development permit applicants with stormwater management information and design standards (this relates to Strategy 5.3.2 in the SWMP).	Completed
1.2.1	Include Objective 2 messaging on central stormwater webpage. This relates to Strategies 3.2.1, 3.2.2, and 3.3.1 in the SWMP.	Completed
2.1.1	Create a central stormwater management webpage to house the NOI, SWMP, and all MS4 annual reports to allow access by all interested parties. Until the website and online resources are in place, copies of all MS4 related documents, including this SWMP, will be made available from 8 a.m. to 5 p.m., Monday - Friday, at the County's Administration Complex front kiosk located at 100 Catron and at the	Completed

	Public Works Complex located at 424 New Mexico 599 Frontage Rd.	
3.1.1	Create and maintain a map of Santa Fe County's stormwater outfalls and conveyance systems within the County's MS4 jurisdiction.	Completed, Improving
3.2.1	Maintain a phone number where the public can report illegal dumping and illicit discharge. This phone number and information for the public on the hazards associated with illegal discharges and improper disposal of waste will be provided on the central stormwater management webpage. This relates to Strategies 1.2.1 and 1.2.2 in the SWMP.	Completed
3.2.2	Maintain a system where the public can report stormwater violations. Information about this reporting system and on the hazards associated with illegal discharges and improper disposal of waste will be provided on the central stormwater management webpage. This relates to Strategies 1.2.1 and 1.2.2 in the SWMP.	Completed, Improving
3.3.2	Continue to carry out clean-up of illegal dumpsites and litter clean-up, as needed, on County-owned properties.	On-going
6.1.9	Create stormwater pollution prevention inspection schedule and prioritization plan for County facilities within the MS4 jurisdiction.	Completed
6.2.4	Identify all projects occurring within MS4 jurisdiction for Capital Advisory Committee.	Completed
Task items to be completed within 12 months after the approval of the SWMP		
1.1.2	Include stormwater management information in the development permit packets. Leverage existing EPA, national, state, regional and public interest stormwater educational resources for this strategy.	Completed
1.2.4	Promote proper waste management on County properties through signage and by providing and maintaining trash receptacles or pet clean-up stations.	On-going
3.1.2	Conduct initial dry weather field screening, sampling, and reporting at outfalls within the County's MS4 jurisdiction. Regular dry weather field screening program procedures will be created after the initial screening and report. The dry weather screening will also support Objective 2, detect illicit discharges.	Completed
3.4.1	Review and update County codes and enforcement process to ensure prevention of illicit discharges. Update Sustainable Land Development Code (SLDC) 7.19 and Ordinance No. 2016-9, as amended.	In-progress

3.4.5	Ensure all appropriate Public Works staff have current spill prevention training and have necessary tools, equipment, and IT support to allow staff to respond to, track, and document incidents.	Completed, Improving
4.1.1	Continue to review site plans for water quality impacts, confirm NOI is in place, verify Stormwater Pollution Prevention Plan (SWPPP) is in place. Continue to work with the Technical Advisory Committee on review of site plans for water quality impacts.	On-going, Improving
4.3.2	Review and update County codes as needed to ensure prevention of stormwater pollution from construction. In particular, review and update SLDC 7.19.	On Hold
5.2.1	Review and update County codes as needed to manage runoff in new development and redevelopment by promoting the use of GSI. In particular, update SLDC 7.19.	On Hold
5.2.2	Assess feasibility of creating an incentive program for incorporating GSI and rainwater capture into existing development.	In Progress
6.1.13	Provide staff training on pollution prevention and spill prevention and response/clean-up.	Completed, Improving
6.2.2	Provide staff training on pollution prevention in municipal construction activities.	Completed, Improving
6.2.3	Develop an inspection schedule and prioritization for County construction sites for county construction projects over $2M located within the MS4 jurisdiction.	In-progress
6.3.5	Provide staff training on pollution prevention in road maintenance activities.	Completed, Improving

Based on the progress made on the 2024 SWMP, the County is expecting draft updates to the SWMP in 2026. This update will include additional task items identified by staff with input from the Santa Fe County Water Policy Advisory Committee (WPAC).

In addition, EPA provided New Mexico MS4s with a Strawman MS4 permit in March of 2024 to review. EPA explained during a virtual meeting for New Mexico MS4s on March 14, 2024, that they are moving forward with one MS4 general permit that will include all MS4s, both Phase I and Phase II, located in New Mexico. All EPA MS4 general permits in New Mexico are currently expired and operating under administrative continuance. Santa Fe County collaborated with the MS4s located in the Santa Fe area (City of Santa Fe and NMDOT) to complete and discuss the MS4 Strawman permit review. The County submitted their high-level review comments to EPA on April 30, 2024. No additional information regarding the development of the strawman was provided in FY25.



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

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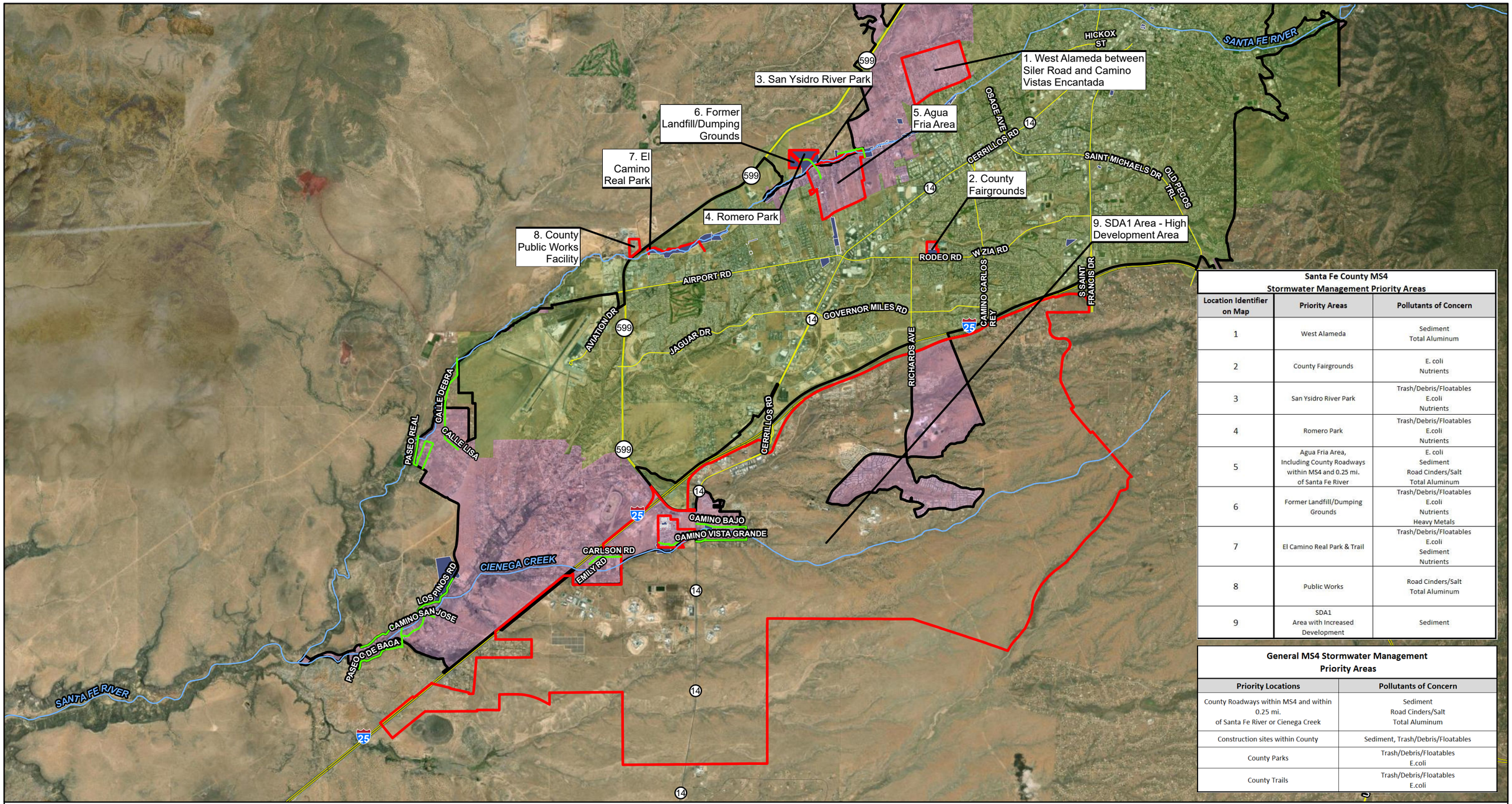
Spatial Reference: WGS 1984 Web Mercator Auxiliary Sphere
Note, the Web Mercator projection preserves direction and shape, but distorts distance and area. This information is for reference only. Santa Fe County assumes no liability for errors associated with the use of these data. Users are solely responsible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



Santa Fe County MS4 Stormwater Management Priority Areas		
Location Identifier on Map	**Priority Areas**	**Pollutants of Concern**
1	West Alameda	Sediment Total Aluminum
2	County Fairgrounds	E. coli Nutrients
3	San Ysidro River Park	Trash/Debris/Floatables E.coli Nutrients
4	Romero Park	Trash/Debris/Floatables E.coli Nutrients
5	Agua Fria Area, Including County Roadways within MS4 and 0.25 mi. of Santa Fe River	E. coli Sediment Road Cinders/Salt Total Aluminum
6	Former Landfill/Dumping Grounds	Trash/Debris/Floatables E.coli Nutrients Heavy Metals
7	El Camino Real Park & Trail	Trash/Debris/Floatables E.coli Sediment Nutrients
8	Public Works	Road Cinders/Salt Total Aluminum
9	SDA1 Area with Increased Development	Sediment

General MS4 Stormwater Management Priority Areas	
Priority Locations	**Pollutants of Concern**
County Roadways within MS4 and within 0.25 mi. of Santa Fe River or Cienega Creek	Sediment Road Cinders/Salt Total Aluminum
Construction sites within County	Sediment, Trash/Debris/Floatables
County Parks	Trash/Debris/Floatables E.coli
County Trails	Trash/Debris/Floatables E.coli

SANTA FE COUNTY

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- Stream
- Road
- MS4 Priority Roadway
- MS4 Priority Area
- Santa Fe County MS4 Jurisdiction
- City of Santa Fe MS4 Jurisdiction
- Santa Fe County MS4 Urbanized Area
- 2021 Census Urbanized Area

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Santa Fe County MS4

MS4 Stormwater Management Priority Areas Map

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Author: mcrooks

August 2024

Santa Fe County MS4
Pollutants of Concern and Probable Sources

Purpose: This list identifies potential significant sources of the pollutants of concern entering the County MS4. This list is intended to assist the County with identifying stormwater management priority areas and focusing MS4 programs on target pollutants and probable sources.

Pollutant of Concern	Reason for Concern	Potential/Probable Sources for Pollutants of Concern in MS4s	Possible Control Strategies to Address Pollutants of Concern in MS4s	Potential Collaboration Opportunities	Stormwater Management Priority Areas	Documentation on Priority Area Decisions
Sediment, Total Suspended Solids (TSS), Total Dissolved Solids (TDS), Turbidity	Sediment is a pollutant and sediment carries pollutants (PCBs, Aluminum, etc.). The Santa Fe River, from Santa Fe wastewater treatment plant (WWTP) to Cochiti Pueblo (downstream of MS4), has a TMDL for stream bottom deposits (SBD), though not directly associated with MS4 areas. MS4s should also focus on addressing this pollutant of concern.	Construction activities. Wind blown dust. Erosion (destabilization on vegetation) from urban areas and post-construction sites and streambank erosion. SDA1 development is one area to focus on as a potential, growing source. Road Maintenance: New Mexico Environment Department (NMED) identifies road maintenance runoff as a source for sediment.	Implement and enforce practices to retain sediment within construction project areas. Institute a County program for dust control for windblown pollutants. EPA information for Best Management Practices (BMPs): https://www.epa.gov/system/files/documents/2021-11/bmp-dust-control.pdf and NMDOT has a new dust brochure that can be used as a resource: https://dustmitigation.nmdotprojects.org/wp-content/uploads/sites/38/2023/05/2023-05-15-Digital-Dust-Control-Brochure_FINAL.pdf Slope stabilization with improved vegetation management and minimizing exposed soil using native vegetation. Street sweeping. Road maintenance procedures that focus on awareness of sediment control. Green Stormwater Infrastructure (GSI) - Infiltration practices are structural BMPs designed to capture stormwater runoff and allow the captured water to infiltrate into soils underlying the BMP. Vegetation in GSI will assist with reducing erosion.	City of Santa Fe has efforts started related to sediment concerns at West Alameda. NMDOT has created a dust mitigation brochure (targeted at safety) that could be shared/used with the County. City of Santa Fe has dust control requirements for construction, including requiring Fugitive Dust Mitigation and Control Plan. Perhaps the County could follow a similar fugitive dust control program.	All construction sites greater than 1 acre (per Construction General Permit). West Alameda between Siler Road and Camino Vistas Encantada (City annexed area, that County has agreed to assist with). High sediment loading areas identified in *City of Santa Fe Compendium to the Stormwater Management Strategic Plan* report (Tetra Tech, 2018). El Camino Real Park and County Open Space in this area lie within the high sediment load area simulated in this report. County roads that are in or adjacent to the MS4 area and are near to and drain to the Santa Fe River or Cienega Creek.	Construction sites are one of the largest contributor to sediment (and wind blown dust) into MS4s, and inspecting these throughout the County is a regulatory requirement and should be a priority based on pollutant source. West Alameda has been identify by the County and City as an area with historic erosion issues that is impacting the Santa Fe River. As per the Memorandum of Agreement (MOA) between the City and Santa Fe County dated Feb. 15, 2018, the County has committed to cost sharing of design and construction for needed drainage improvements on West Alameda between Print Farm Road and Siler Road. The MOA expired on December 31, 2021. The *City of Santa Fe Compendium to the Stormwater Management Strategic Plan* (Tetra Tech, July 2018): GIS map identifying areas of potential high sediment loading areas. County roadways prioritized based on proximity to Santa Fe River and Cienega Creek.
E. coli	Impaired parameter & TMDL for Santa Fe River from Nichols reservoir to Cienega Creek.	Pet/animal waste. Litter/trash. Failing septic systems. Former landfill/dumping grounds facility south of Romero Park.	Pet waste: public education and available pet-waste stations/maintenance of stations. Litter/trash: source control and preemptive activities such as street sweeping, cleaning up illegally dumped materials, and public education campaigns for litter. Septic systems: permitting system, financial assistance programs for aging septic systems. County fairgrounds, improvements to wash stations for animals. GSI practices that infiltrate and evapotranspire runoff, such as bioretention, can help to reduce the frequency and magnitude of E. coli loads discharged to the MS4.	Both NMDOT and City of Santa Fe are promoting GSI and developing resources that could be shared with the County.	Agua Fria and Riverside de Santa Fe Mobile Home Park areas, potential septic system sources. County-led improvements are underway in this area. County fairgrounds, potential animal waste source. County parks, potential pet waste source. River trail system, potential pet waste and horse waste sources.	Septic: Discussions with Michelle Hunter and Caitlin Weber - Agua Fria and Riverside de Santa Fe Mobile Home Park (this mobile home park looks to be in City jurisdiction) areas have septic tanks/mobile home parks. County handles systems with liquid waste permit that does not need to be renewed or inspected. These areas are close to the river and aging/non-functional systems could be a source of pollution. County-led improvements are underway in this area. County fairgrounds: Site inspection with Bohannan Huston, Inc. (BHI) & County in 2023 brought up questions on where animal wash area drains outfall to (sanitary sewer or open discharge to surface flows?). This area is not near the river, but pollutants from animal sources are a large contributor for E. coli/bacteria pollutants. Fairgrounds are often a target for EPA inspections, due to animal waste pollutant sources. Former landfill/dumping grounds facility south of Romero Park: unsure of all dumped materials at the legacy dumping ground - E. coli is one likely pollutant.
Road Cinders/Salt	Salt is soluble, can be toxic to some biota/aquatic life, and is environmentally persistent. Once present in water, there is no easy way to remove chlorides. No existing stormwater treatment system exists to capture and retain salts or chlorides.	Road Cinders/Salt (a ratio of 3 parts cinders:1 part salt) (NaCl - rock salt - is used by County).	Good housekeeping practices for storage, transport, and application of road cinders/salt. EPA information for BMPs: https://www.epa.gov/system/files/documents/2021-11/bmp-deicing-material-application-and-storage.pdf The best way to reduce road salt in the environment is to reduce the amount used, which is why many municipalities are investing in training maintenance staff and private contractors on the most efficient use of road salts.	NMDOT also uses road salt/cinders - there may be an opportunity for shared employee training and discussion of BMPs.	County Public Works Facility. County roads that are near to and drain to the Santa Fe River or Cienega Creek.	County Public Works Facility is located with 0.16 mi (850 feet) of the Santa Fe River, though not located within the MS4 boundary, and all drainage flows to a retention pond. Distance measured from the fuel station curb outfall point.
Trash/Debris/Floatables	Potential E. coli, PCB and Aluminum of other heavy metals pollutant sources. Floatables are an EPA MS4 concern (current & draft statewide small MS4 permit). EPA suggests maintenance activities, maintenance schedules, and long-term inspection procedures for controls to reduce floatables and other pollutants to the small MS4. The floatables control program should include source controls and, where necessary, structural controls.	Litter/trash: People (litter and illegal dumping), trash roll-offs/bins, wind, and construction sites. Former landfill/dumping grounds facility south of Romero Park.	Litter/trash: Source control and preemptive activities such as street sweeping, cleaning up illegally dumped materials, construction sites, and public education campaigns for litter. For the former landfill/dumping grounds, continue to maintain a good cover over any exposed dumped materials. Education and awareness programs are intended to help modify human behavior to reduce the amount of trash-related pollution that is introduced into the MS4 system.	NMDOT has litter pick-up contracts, coordinating could improve coverage within the MS4 areas. Volunteer groups/community groups for litter pickup efforts.	County parks, potential litter source. River Trail system, potential litter source. Former landfill/dumping grounds is a potential litter source if the cap over the dumped materials degrades. Uncovered trash roll-off bins (including at construction sites), potential litter source.	The County should assess if there are areas where litter and illegal dumping are an issue or continual concern. Construction sites. Former landfill/dumping grounds facility south of Romero Park: unsure of all dumped materials at the legacy dumping ground -- uncovered materials could lead to trash/debris/litter.
Polychlorinated Biphenyls (PCBs)	Impaired parameter for Santa Fe River from Nichols reservoir to Guadalupe Street. NMED stormwater sampling, 2016, City of Santa Fe stormwater outlet #2 into Santa Fe River downstream of Sandoval St. (northside & southside) PCB test exceeded water quality standards (WQS).	PCBs are found in electrical equipment: "legacy sources" (transformers, capacitors, voltage regulators, fluorescent light ballasts), motor oil (motors, parts), thermal insulation. PCBs "current sources" in by-products from inks and pigments, and adhesives. PCBs are non-polar and are insoluble in water. PCBs are typically transferred into aquatic environments on the surfaces of particulates (sediment).	Source control (may not be possible for County if specific sources are not within the County). Sediment control strategies since PCBs are typically transferred into aquatic environments on the surfaces of particulates (sediment). Litter pick-up (inks/pigments - trash containing printed materials) and public education campaigns for litter.	PCBs are likely to be part of stormwater monitoring requirements and cooperative monitoring is suggested.	None identified. EPA Regulated PCB Transformer database revised and no areas with County MS4 area were identified.	None identified.
Total Aluminum	Impaired parameter for Santa Fe River from Nichols reservoir to Santa Fe WWTP. NMED stormwater sampling, 2016, City of Santa Fe stormwater outlet #1 into Santa Fe River downstream of Sandoval St. (southside) Aluminum test exceeded water quality standards (WQS). Metals can accumulate in waterways and are harmful and even toxic to aquatic life, depending on the specific type and concentration.	Sources: Building materials, such as galvanized metal roofing and gutters, corrosion of aluminum metal surfaces, such as fences, and galvanic corrosion protection for equipment, such as boats and tanks. Erosion-prone areas and background sediment sources. Particulate bound and are mobilized with sediment. Litter. Roadway maintenance activities: Deicing, road repair areas.	Litter pick-up and public education campaigns for litter. Sediment control strategies since Aluminum is typically transferred into aquatic environments on the surfaces of particulates (sediment). Good housekeeping practices for storage, transport, and application of road cinders/salt. GSI practices use surface infiltration to manage stormwater runoff from areas where metals must be used.	City of Santa Fe has efforts started related to sediment concerns at West Alameda. NMDOT has litter pick-up contracts, coordinating could improve coverage within the MS4 areas. Volunteer groups/community groups for litter pickup efforts.	County Public Works Facility. County roads that are near to and drain to the Santa Fe River or Cienega Creek. All construction sites greater than 1 acre (per Construction General Permit). West Alameda between Siler Road and Camino Vistas Encantada (City annexed area, that County has agreed to assist with).	Similar priority areas to road cinders/salt and sediment pollutants of concern.
Nutrients	Impaired parameter for Santa Fe River from Santa Fe WWTP to Cochiti Pueblo (downstream of MS4).	Eroding riparian areas. Many efforts along the river have improved this and sediment concerns. Restoration efforts transformed the impaired reach of the Santa Fe River from an erosion-prone, barren area into a lush preserve with abundant riparian vegetation and wildlife. Cattle grazing. Pet/animal waste. Former landfill/dumping grounds facility south of Romero Park.	Restoration efforts along streambanks. Focus on native vegetation and invasive vegetation removal. Pet waste: Public education and available pet waste stations/maintenance of stations.	River restoration project opportunities with City of Santa Fe or non-profit organization.	County open space and restoration activities along the Santa Fe river.	County open space areas along Santa Fe River. Former landfill/dumping grounds facility south of Romero Park: unsure of all dumped materials at the legacy dumping ground -- degrading organics materials could lead to nutrient concerns.

West Alameda between Siler Road and Camino Vistas Encantada

Romero Park

Former Landfill/Dumping Grounds

County Public Works Facility

County Fairgrounds

Agua Fria Area

Santa Fe

Santa Fe Municipal Airport

SDA1 Area - High Development Area

Glorieta

Valencia

SANTA FE RIVER

ARROYO DE LOS CHAMISOS

ARROYO HONDO

CIENEGA CREEK

Airport Rd

Cerrillos Rd

S Saint Francis Dr

Veterans Memorial Hwy

SE Connector Falcon Way

Avenida del Sur

25

SANTA FE COUNTY

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- Future Proposed Primary Cooperative Monitoring Locations
- Future Proposed Secondary Cooperative Monitoring Locations
- County Potential Future MS4 Dry Weather Field Screening Locations
- County MS4 Dry Weather Field Screening Locations
- NMDOT MS4 Stormwater Outfall Locations
- Flowline
- County MS4 Priority Roadways
- County MS4 Priority Areas
- 2021 Census Urbanized Area
- Santa Fe County MS4 Urbanized Area
- Santa Fe County MS4 Jurisdiction
- City of Santa Fe MS4 Jurisdiction

N

0 0.88 1.75 3.5 Miles

1 in = 1.75 mi

Santa Fe County MS4

Stormwater Outfall Map

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Author: rburkhard

February 2025

Bohannan Huston
great people supporting great communities

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MEMORANDUM

DATE: 2/12/2025

TO Mr. Michael Carr, Santa Fe County
Ms. Jacqueline Beam, Santa Fe County

FROM: Sarah Ganley, PE, ENV SP

SUBJECT: **Santa Fe County MS4 2024 Dry Weather Field Screening Report**

Introduction

Bohannan Huston, Inc. (BHI) and Santa Fe County (County) conducted a field visit on December 9, 2024. This field visit included inventory reconnaissance as well as dry weather field screening of identified stormwater outfalls for the County Municipal Separate Storm Sewer System (MS4) jurisdictional areas.

In addition to the sites visited on December 9, 2024, BHI and the County conducted a field visit on February 24, 2022, to look at the County's drainage facilities and potential outfall locations. The locations visited in 2022 would not be included in the County's MS4 dry weather field screening program but were potential locations for future, cooperative wet weather monitoring.

This memo summarizes the County stormwater outfalls visited in December 2024 and the field screening observations. In addition, it includes the recommended outfall sites that should be inspected for the County's MS4 dry weather field screening program.

MS4 Permit and SWMP Requirements

The dry weather field screening meets the requirements in the County's MS4 permit and the Stormwater Management Program (SWMP) Strategy 3.1.2, supporting detecting and eliminating illicit discharges into the stormwater drainage systems within the County, which relates to the 2007 MS4 Permit NMR040000 (2007 MS4 Permit), Section 5.2.3.7, Illicit Discharge Detection and Elimination. This memo completes Task 3 of BHI's Professional Services Agreement for Small MS4 Permit with the County.

The 2007 MS4 Permit, Section 5.2.3.7, Illicit Discharge Detection and Elimination, requires that the County conduct dry weather field screening for non-stormwater flows. The screening must include field tests of selected chemical parameters as indicators of discharge sources if any runoff is detected. Screening level tests may utilize less expensive "field test kits" using test methods not approved by EPA under 40 CFR 136, provided the manufacturer's published detection ranges are adequate for the illicit discharge detection purposes.

The 2024 New Mexico (NM) Strawman MS4 Permit, which is a draft of the proposed MS4 Permit for all of NM, has similar dry weather field screening requirements in Section I.D.4.d.(i)(c), with more details and schedules for the screening than the County's current 2007 MS4 Permit. For example, the 2024 NM Strawman MS4 Permit requires the permittee to screen the entire regulated area at least once every 5 years and high priority areas at least once every year.

The dry weather field screening is one component of the current and proposed MS4 Illicit Discharge and Elimination requirements. In addition to annual and permit term field screening, this field screening process should be followed if and when the County becomes aware of any non-stormwater flows (illicit discharges) within its MS4 jurisdiction.

December 2024 Dry Weather Field Screening Findings

An *Outfall Inventory/Sample Collections Sheet* was completed for each of the locations visited on December 9, 2024. No runoff was noted at any of the locations visited during this dry weather field screening and therefore, no field testing or lab testing of any samples were required. The completed *Outfall Inventory/Sample Collection Field Sheets* are included in an attachment to this memo. BHI used the EsRi Field Maps application during the field visit and photos were collected within this application. The geodatabase, including feature points with the photos from this field visit have been provided to the County.

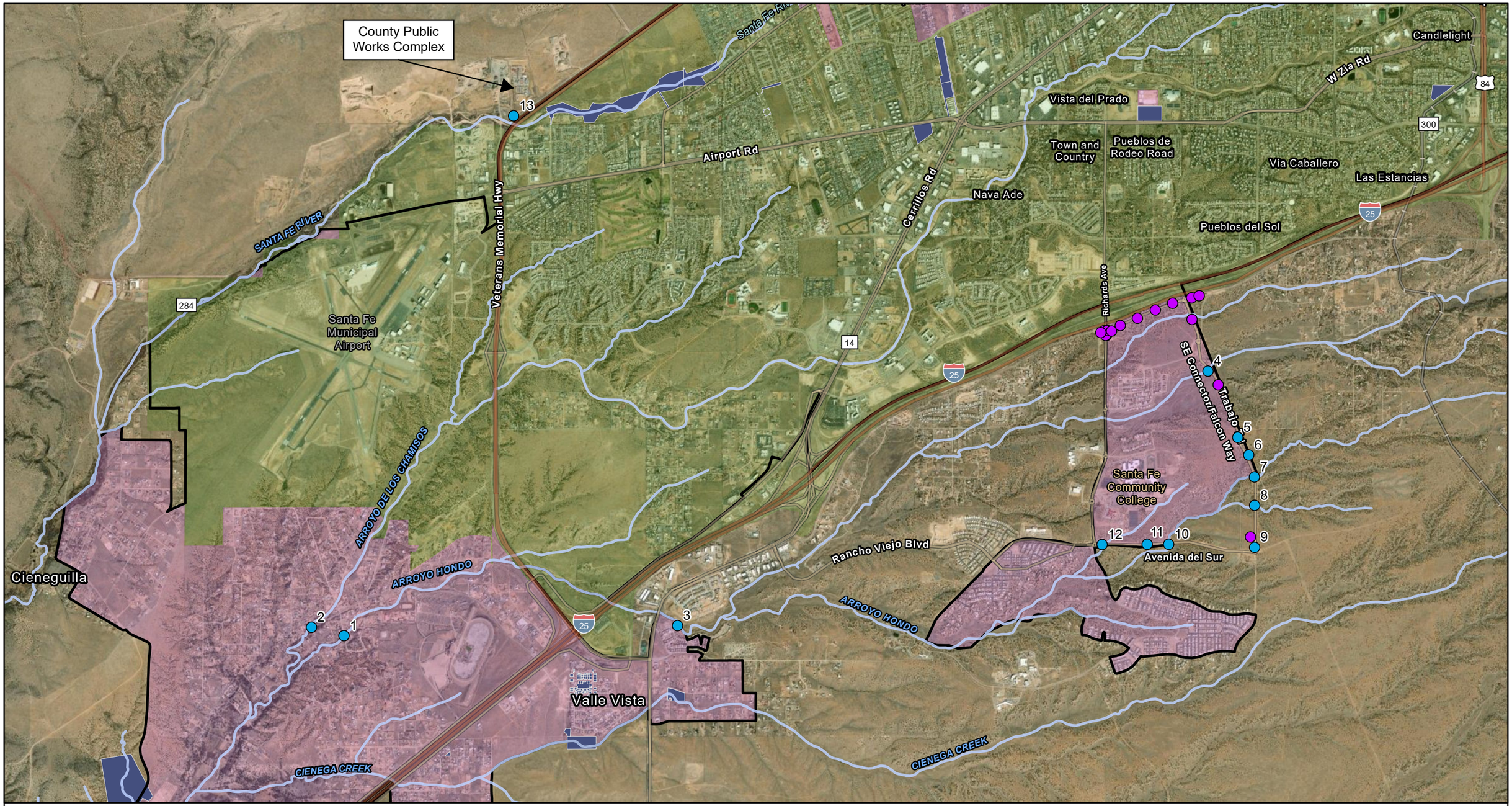
Tables 1 and 2 summarize the outfall locations visited and documented on December 9, 2024. Table 1 identifies outfall locations that the County should inspect as part of the MS4 dry weather field screening program. These locations are also shown on Figure 1 - Santa Fe County December 2024 MS4 Dry Weather Field Screening Locations (page 4). Table 2 (page 5) identifies locations that do not need regular inspections for this program but are documented as potential future locations to consider if downstream water quality becomes a concern.

Table 1: County Outfall Locations to Inspect for MS4 Dry Weather Field Screening Program

Outfall Number	Latitude	Longitude	Location Description	Arroyo
1	35.5902415°N	106.0892637°W	Low water crossing on Paseo Del Angel South. The County should monitor and remove any sediment buildup on the roadway. Removed sediment should be placed so that it does not reenter the arroyo. The adjacent property has erosion issues on roadway slope. The County should monitor this slope for general roadway maintenance.	Arroyo Hondo
2	35.5910438°N	106.0930474°W	Los Pinos Road bridge crossing. This is within the County MS4 jurisdiction, near the boundary with the City of Santa Fe. This point is located upstream of confluence with Arroyo Hondo.	Arroyo de Los Chamisos
3	35.5911900°N	106.0503904°W	This location is in the County MS4 area and located at the downstream edge of the County's Sustainable Development Area (SDA) 1, an area of increasing development identified as a stormwater management priority area for the County.	Arroyo Hondo

Table 1: County Outfall Locations to Inspect for MS4 Dry Weather Field Screening Program (continued)

Outfall Number	Latitude	Longitude	Location Description	Arroyo
4	35.6152956°N	105.9885633°W	County SE Connector Road, also named Falcon Way. This location has eight (8)-8' x 6' box culverts with two (2) County inlets discharging County roadway runoff to Arroyo Hondo.	Arroyo Hondo
5	35.6090258°N	105.9851024°W	County SE Connector Road, also named Falcon Way. One (1) inlet discharges to an 18-inch culvert and into a tributary to Arroyo Hondo.	Arroyo Hondo
6	35.6073506°N	105.9838180°W	County SE Connector Road, also named Falcon Way. A 36-inch culvert south of College Drive roundabout. Discharge is a tributary of Arroyo Hondo.	Arroyo Hondo
7	35.6052732°N	105.9831607°W	County SE Connector Road, also named Falcon Way. Three (3) inlets connect to the 48-inch culverts under the road and discharge into a tributary to Arroyo Hondo.	Arroyo Hondo
8	35.6025844°N	105.9831294°W	County SE Connector Road, also named Falcon Way. One (1) inlet connects into a 36-inch culvert under the roadway and discharges to the culverts located to the south. This inlet discharges to an unnamed tributary to Rancho Canada, tributary to Arroyo Hondo.	Arroyo Hondo
9	35.5986102°N	105.9831318°W	County SE Connector Road, also named Falcon Way. Two (2) curb inlets located at roundabout. Plans show a second inlet on the northbound lane that was not located in the field. Inlets discharge into 24-inch culvert.	Arroyo Hondo
10	35.5989014°N	105.9931495°W	Inlets into six (6) – 36-inch culverts under Avenida del Sur.	Arroyo Hondo
11	35.5988996°N	105.9956539°W	Inlets into one (1) – 36-inch culvert under Avenida del Sur.	Arroyo Hondo
12	35.5988785°N	105.0009070°W	Inlets discharge to four (4) – 36-inch culverts under Avenida del Sur.	Arroyo Hondo
13	35.6394665°N	106.0694967°W	County Public Works Complex. Culvert outlet from the main ponding area. Outfall location for this pond is currently unknown and County will determine its location.	Santa Fe River



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- 2021 Census Urbanized Area
- Santa Fe County MS4 Urbanized Area
- Santa Fe County MS4 Jurisdiction
- City of Santa Fe MS4 Jurisdiction
- MS4 Dry Weather Field Screening Locations
- Potential Future MS4 Dry Weather Field Screening Locations
- Flowline

N

0 2,000 4,000 8,000 Feet

1 in = 4,000 ft

Santa Fe County MS4

Figure 1
December 2024
Dry Weather Field Screening Locations

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Author: rburkhard

January 2025

Table 2: Outfall Locations Related Inspections That Do Not Need MS4 Dry Weather Field Screening

Latitude	Longitude	Location Description	Arroyo
35.6127390°N	106.0720767°W	This location is in the City of Santa Fe MS4 jurisdiction and upstream of the County MS4 area by approximately 1.8 miles. This outfall should not be monitored by the County unless there are any downstream water quality issues identified in the future.	Arroyo de Los Chamisos
35.6100415°N	105.9997628°W	This is a permitted wastewater discharge into Arroyo Hondo from the small domestic water system that is located east of Richards Avenue and north of the Santa Fe Community College. This outfall is permitted to Santa Fe Community College through the New Mexico Environment Department (NMED) Groundwater Bureau and BHI did not find any violations reported for this permit. The County does not need to monitor this location. However, if E. coli or nutrients become an issue in future downstream stormwater monitoring, this location could be looked at as a potential source.	Arroyo Hondo

The County provided BHI with the roadway construction plan set for the SE\NE Connectors Road Project, May 2022 (Roadway Plans), after the December 9, 2024 field inspection. Upon review of the Roadway Plans, BHI identified several locations that should be inspected for the MS4 dry weather field screening starting in 2025. Discharge from the locations listed below will reach Arroyo Hondo. The approximate location of the inlets listed below are shown in Figure 1 and have not been assigned outfall numbers. These areas are potential future screening locations that should be located and inspected in 2025 and assigned outfall numbers, if appropriate, at that time.

A. County SE Connector Road, also named Falcon Way

The following inlets were not inspected in 2024, and should be located and inspected in 2025:

- One (1) inlet on west side of roadway, located approximately 725 feet south of Outfall #4. (Inlets into the eight (8) - 8' x 6' box culverts). Roadway Plans sheet number 10-28.
- One (1) inlet on west side of roadway, located approximately 2,300 feet north of Outfall #4. (Inlets into the eight (8) - 8' x 6' box culverts). Roadway Plans sheet number 10-32.
- Two (2) inlets at roundabout with SE Connector and Avenida del Sur. Roadway Plans sheet number 10-11.

B. *County Rabbit Road/NE Connector, Roadway* (Plans sheets 10-1 through 10-10)

This area was not investigated in December 2024, and should be located and inspected in 2025:

- There are an estimated four (4) inlets at the Dinosaur Trail/Richards Avenue/Rabbit Road roundabout. Roadway Plans sheets 10-1 and 10-2.
- One (1) inlet on Dinosaur Trail west of the Dinosaur Trail/Richards Avenue/Rabbit Road roundabout. Roadway Plans sheet 10-3.
- There are an estimated seven (7) inlets along Rabbit Road between the Dinosaur Trail/Richards Avenue/Rabbit Road roundabout and SE Connector Road, also named Falcon Way. Some of the locations shown in Figure 1 may have multiple inlets. Roadway Plans sheets 10-4 through 10-10.

Summary and Next Steps

The dry weather field screening meets the requirements in the County's MS4 permit and the SWMP Strategy 3.1.2, supporting detecting and eliminating illicit discharges into the stormwater drainage systems within the County, which relates the 2007 MS4 Permit, Section 5.2.3.7, Illicit Discharge Detection and Elimination. Thirteen (13) locations were identified as dry weather field screening outfalls (Table 1), with the majority of them located along the new County SE Connector Road, also named Falcon Way, and Avenida del Sur. Review of the SE\NE Connectors Roadway Plans provided after the field screening identified up to 13 additional potential locations to consider for dry weather field screening. The County should visit and document these additional locations in 2025.

As the County progresses in developing written MS4 procedures, an Illicit Discharge Detection and Elimination dry weather field screening procedure is recommended and is part of the SWMP strategy 3.1.2 requirement. It is recommended that this procedure include the following:

1. Schedule for regular dry weather field screening,
2. Timing of outfall dry weather field screening related to antecedent dry period,
3. Field screening checklist (already developed with this task and used for this report),
4. Procedure for a field screening process to follow if and when the County becomes aware of any non-stormwater flows (illicit discharges) within its MS4 jurisdiction,
5. Determination and identification of field tests to use for selected chemical parameters as indicators of discharge sources,
6. Procedures to follow if lab analysis is required of any flows identified during the dry weather field screening, and
7. Corrective action responses by the County for typical illicit discharges that may be encountered.

SG/ab

Attachment: Completed Outfall Inventory/Sample Collection Field Sheets - December 9, 2024

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24		Time: 1:30pm
Investigators: Michael Carr (SFC), Brickman House (SFC), Sarah Gourley (BHI)		
Air Temperature (°F) 46°F	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.612739°N	Longitude: 106.072077°W	GPS Unit: — ESRI Field Maps

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential (upstream)
- ☐ Commercial
- ☒ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Arroyo de los Chamisos. First MS4 inspection by County.
Not in County MS4 area, No need to monitor this annually,

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
NMDOT 599 ☒ Closed Pipe box culverts	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Elliptical ☒ Box ☐ Other: _____	☐ Single ☐ Double ☐ Triple ☒ Other: 7 box culverts	Diameter/Dimensions: NMDOT Infrastructure - Did not measure	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open Drainage	☐ Concrete ☐ Earthen ☐ Rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic: ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
Flow Present?	☐ Yes ☒ No (*If No, skip to Section 5*)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY N/A - No Flow

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☒ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1. Sample for the lab?	☐ Yes	☐ No
2. If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

This location is in City of Santa Fe MS4 jurisdiction. This is upstream of the County MS4 area (approx. 1.8 miles). This outfall should not be monitored by the County unless there is a downstream issue & you need to trace your way upstream to investigate.

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24		Time: 1:50
Investigators: Michael Carr (SFC), Brickman House (SFC), Sarah Gantley (BHI)		
Air Temperature (°F) 46° F	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.590241° F	Longitude: 106.089264° W	GPS Unit: ESRI field maps

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential - rural residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Hondo Arroyo. Low water crossing in County MS4 area. Paseo de Angel S. Adjacent property has erosion issues on roadway slope.

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Elliptical ☐ Box ☐ Other: _____	☐ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: _____	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☒ Open Drainage	☐ Concrete ☒ Earthen - Crossed paved road ☐ Rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic: ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	(Sediment had been cleared off roadway.
Flow Present?	☐ Yes ☒ No (*If No, skip to Section 5*)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)* N/A - No flow

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☒ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1.	Sample for the lab?	☐ Yes	☐ No
2.	If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

Hondo Arroyo. In MS4 jurisdiction for County. County should monitor sediment and sediment build up / release into the arroyo.
*Suggest Monitoring Here 1x per year.

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24		Time: 1:55
Investigators: Michael Carr (SFC), Brickman House (SFC), Sarah Gantley (BHI)		
Air Temperature (°F) 46°F	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.591044°N	Longitude: 106.093047°W	GPS Unit: ESRI field maps

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential - rural residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Arroyo de Los Chamisos, Los Pinos Rd. Bridge crossing.
County has upcoming work on this bridge (in 2025)?

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Elliptical ☐ Box ☐ Other: _____	☐ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: _____	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☐ Partially ☐ Fully
☒ Open Drainage	☒ Concrete bridge ☒ Earthen channel ☐ Rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic: ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
Flow Present?	☐ Yes ☒ No (*If No, skip to Section 5*)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY N/A/No Flow

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☒ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1.	Sample for the lab?	☐ Yes	☐ No
2.	If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

Arroyo de Los Chamisos. In MS4 jurisdiction for County.
Suggest monitoring here 1x per year.

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24		Time: 2:00 pm
Investigators: Michael Carr (SFC), Brickman House (SFC), Sarah Gunley (BHI)		
Air Temperature (°F): 46°F	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.59119°N	Longitude: 106.05039°W	GPS Unit: ESRI field maps

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Arroyo Hondo - in County MS4 area and near downstream edge of SDAI High Development Area. Area is downstream of lots of developing areas.

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Elliptical ☐ Box ☐ Other: _____	☐ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: _____	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☐ Partially ☐ Fully
☒ Open Drainage	☐ Concrete ☒ Earthen ☐ Rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic: ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
Flow Present?	☐ Yes ☒ No (*If No, skip to Section 5*)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY N/A - No flow

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☒ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1.	Sample for the lab?	☐ Yes	☐ No
2.	If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

lots of development is and will occur upstream of here.
This is a good location to monitor 1x per year.

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24	Time: 2:15pm	
Investigators: Michael Carr (SFC), Brickman House (SFC), Sarah Conley (BHI)		
Air Temperature (°F) 48°F	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.610041°N	Longitude: 105.999763°W	GPS Unit: ESRI Field maps

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☒ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): This is a permitted (NMED Groundwater Bureau) outfall for the SFCC wastewater system. County does not need to monitor unless downstream sampling (future) has any pollutant concerns - then would look to this area as a potential source.

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
NMED Permitted ☒ Closed Pipe wastewater discharge from SFCC	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Elliptical ☐ Box ☐ Other: _____	☐ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: _____	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☐ Partially ☐ Fully
☐ Open Drainage	☐ Concrete ☐ Earthen ☐ Rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic: ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
Flow Present?	☐ Yes ☒ No (*If No, skip to Section 5*)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION - N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)* N/A - no flow

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☒ Yes ☐ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☒	☒ Excessive ☐ Inhibited	Because of discharge - there is a lot of veg. growth. Cat tails and other veg. types not typical in arid climate.
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☐ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1.	Sample for the lab?	☐ Yes	☐ No
2.	If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24		Time: 2:30pm	
Investigators: Michael Carr (SFC), Brickman House (SFC), Sarah Gantay (BHI			
Air Temperature (°F) 48° F	Rainfall (in.): Last 24 hours: 0"		Last 48 hours: 0"
Latitude: 35°.615296° N	Longitude: 105.988563° W		GPS Unit: EsRI field map

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential - rural residential
- ☐ Commercial
- ☒ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
NE/SE Connector - Falcon Way, Roaway inlets into Arroyo Hondo. (SE connector)
- ~~Three~~ Inlets and outfall should be monitored at least 1x per year.

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe 8-CBC's crossing w/ 1 inlets	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Elliptical ☒ Box ☐ Other: _____	☐ Single ☐ Double ☐ Triple ☒ Other: 8	Diameter/Dimensions: 8' x 6' ~~6'~~ Plan Set Sheet 10-29	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open Drainage	☐ Concrete ☐ Earthen ☐ Rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic: ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
Flow Present?	☐ Yes ☒ No (*If No, skip to Section 5*)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)* N/A

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☐ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	No concerns w/ discharge – some concern w/ slope erosion-rilling. Newly constructed.
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1. Sample for the lab?	☐ Yes	☐ No
2. If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24		Time: 2:45 pm
Investigators: Michael Carr (SFC), Sarah Gourley (AHI), Brickman House (SFC)		
Air Temperature (°F) 48°	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.609026°N	Longitude: 105.985102°W	GPS Unit: ESRI field map

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential - rural res.
- ☐ Commercial
- ☒ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): @ Roundabout - College Drive (future) SE connector - Falcon Way. One Inlet w/18" culvert outfall to earthen channel. Plan Set sheet 10-22. Discharges to tributary to Arroyo Hondo to north. - Also many curb drainage holes in area.

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Elliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 18"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open Drainage	☐ Concrete ☐ Earthen ☐ Rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic: ☐ Other:		Depth: Top Width: Bottom Width:	
Flow Present?	☐ Yes ☒ No (*If No, skip to Section 5*)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☒ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	No concerns with discharge. Newly constructed and concerns with erosion at curb drainage locations and roadway (College Dr) termination. Maintenance Should inspect and repair.
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1.	Sample for the lab?	☐ Yes	☐ No
2.	If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24	Time: 2:50 pm	
Investigators: Michael Carr (SFC), Brickman House (SFC), Sarah Gantley (BHI)		
Air Temperature (°F) 48° F	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.607351° N	Longitude: 105.983818° W	GPS Unit: ESRI field map

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential - rural resid.
- ☐ Commercial
- ☒ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): SE Connector - Falcon Way, S. of College Dr. roundabout. 1 Inlet - 36" culvert outfall. Discharges to tributary of Cienega Creek. (Rancho Candida) plan set - sheet 10-21

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Elliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 36"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open Drainage	☐ Concrete ☐ Earthen ☐ Rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic: ☐ Other:		Depth: _____ Top Width: _____ Bottom Width: _____	
Flow Present?	☐ Yes ☒ No (*If No, skip to Section 5*)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☐ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	Newly constructed, Concerns w/ ~~roadway side slope~~ rilling and sediment in culvert outfall. Maintenance should inspect. No illicit discharge concerns
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1.	Sample for the lab?	☐ Yes	☐ No
2.	If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24	Time: 3pm	
Investigators: Michael Carr (SFC), Brickman House (SFC), Sarah Gaubey (BHI		
Air Temperature (°F): 48°	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.6052273°N	Longitude: 105.983161°W	GPS Unit: ESRI field map

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential - rural res.
- ☐ Commercial
- ☒ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
~~SE~~ Connector - Falcon Way - Roadway. 3 Inlets into Cienega Creek Trib - (SE Connector) Rancho Canada

SECTION 2: OUTFALL DESCRIPTION

Plan Set sheets 10-17, 18, 19 & 20

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	~~☐ RCP~~ ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Elliptical ~~☐ Box~~ ☐ Other: _____	☐ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 3 inlets - all connect to the 48" culverts under rd.	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open Drainage	☐ Concrete ☐ Earthen ☐ Rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic: ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
Flow Present?	☐ Yes ☒ No (*If No, skip to Section 5*)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the Flow? ☐ Yes ☒ No *(If No, skip to Section 5)* N/A

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☐ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	Newly constructed. Inlets look good. Major erosion occuring on SW side of outlet crossing from roadway runoff. Maintenance Should Inspect.
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1. Sample for the lab?	☐ Yes	☐ No
2. If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24	Time: 3:10pm	
Investigators: Michael Garr (SFC), Brickman House (SFC) Sarah Gourley (BHI)		
Air Temperature (°F) 46°F	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.602584° N	Longitude: 105.983129° W	GPS Unit: ESRI Field map

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential - rural res.
- ☐ Commercial
- ☒ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): 2 Inlets into 36" culverts under roadway. SE Connector - Falcon Way. Unnamed trib - to Rancho Cavada to Cienega Creek.

Plan sets - sheets 10-13 & 10-14

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Elliptical ☐ Box ☐ Other:	☐ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 24" from inlet to 36" culvert under road	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open Drainage	☐ Concrete ☐ Earthen ☐ Rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic: ☐ Other:		Depth: Top Width: Bottom Width:	
Flow Present?	☐ Yes ☒ No (*If No, skip to Section 5*)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)* N/A

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☒ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1. Sample for the lab?	☐ Yes	☐ No
2. If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24		Time: 3:15pm
Investigators: Michael Carr (SFC), Brickman House (SFC), Sarah Gauley (BHI)		
Air Temperature (°F) 46°F	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.598610° N	Longitude: 105.983132°W	GPS Unit: EsRI field map

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential - rural res
- ☐ Commercial
- ☒ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
2 curb inlets @ roundabout on SE connector. Connects to 24" culvert. NW side of roundabout with Avenida del Sur.
Plan set sheet 10-12 - shows 2 curb inlets

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Elliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open Drainage	☐ Concrete ☐ Earthen ☐ Rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic: ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	(inlet of culvert has sediment
Flow Present?	☐ Yes ☒ No (If No, skip to Section 5)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)* N/A

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☒ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1.	Sample for the lab?	☐ Yes	☐ No
2.	If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24		Time: 3:20pm
Investigators: Michael Carr (SFC), Brickman House (SFC), South Gantry (BHF)		
Air Temperature (°F) 46°F	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.599141° N	Longitude: 105.993261° W	GPS Unit: Ersi field maps

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential - rural res.
- ☐ Commercial
- ☒ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): Inlets into 6-36" culverts under ~~Avenida~~ del Sur. Avenida

Plan Set sheet 10-39

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Elliptical ☐ Box ☐ Other: _____	☐ Single ☐ Double ☐ Triple ☒ Other 6	Diameter/Dimensions: 36"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open Drainage	☐ Concrete ☐ Earthen ☐ Rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic: ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
Flow Present?	☐ Yes ☒ No (*If No, skip to Section 5*)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)* N/A

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☒ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	New construction.
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	Some erosion around
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	edges of culvert
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	headwalls. Maintenance
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐Green ☐ Other:	should inspect.

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1.	Sample for the lab?	☐ Yes	☐ No
2.	If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24	Time: 3:30	
Investigators: Michael Carr (SFC), Brickaran House (SFC), Sarah Gourley (BHI)		
Air Temperature (°F) 46° F	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"
Latitude: 35.598100°N	Longitude: 105.995654°W	GPS Unit: ESRI field map

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential - rural res.
- ☐ Commercial
- ☒ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Inlets into 1-36" culvert under Avenida del Sur
plan set - sheet 10.38

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Elliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 36"	In Water: ☒ No ☐ Partially ☐ Fully; With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open Drainage	☐ Concrete ☐ Earthen ☐ Rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic: ☐ Other:		Depth: Top Width: Bottom Width:	
Flow Present?	☐ Yes ☒ No (If No, skip to Section 5)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)* N/A

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☒ No *(If No, skip to Section 6)* N/A

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1. Sample for the lab?	☐ Yes	☐ No
2. If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 1: BACKGROUND DATA

Date: 12/9/24 | Time: 3:45

Investigators: Michael Carr (SFC), Brickman Howse (SFC), Sarah Gauley (BHC)

Air Temperature (°F): 46°F | Rainfall (in.): Last 24 hours: 0" | Last 48 hours: 0"

Latitude: 35.598879°N | Longitude: 106.000907°W | GPS Unit: ESRI Field map

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential - rural res
- ☐ Commercial
- ☒ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
2 inlets - discharge to 4-36" culverts under Avenida del Sur.
plan set Sheet 10-37

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Elliptical ☐ Box ☐ Other:	☐ Single ☐ Double ☐ Triple ☒ Other: 4	Diameter/Dimensions: 36"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open Drainage	☐ Concrete ☐ Earthen ☐ Rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic: ☐ Other:		Depth: _____ Top Width: _____ Bottom Width: _____	
Flow Present?	☐ Yes ☒ No (If No, skip to Section 5)				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

SECTION 3: QUANTITATIVE CHARACTERIZATION N/A

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	--
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Water Temperature			°F	Thermometer
pH			pH Units	Test strip / Probe
Ammonia			mg/L	Test strip
DO			mg/L	
Conductivity			uS/cm	

SANTA FE COUNTY

OUTFALL INVENTORY / SAMPLE COLLECTION FIELD SHEET

SECTION 4: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the Flow? ☐ Yes ☐ No *(If No, skip to Section 5)* N/A

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1 – 3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables – Does Not Include Trash!	☐	☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 5: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING OUTFALLS

Are Physical Indicators That Are Not Related to Flow Present? ☐ Yes ☒ No *(If No, skip to Section 6)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe Benthic Growth (bacteria and algae)	☐	☐ Brown ☐ Orange ☐Green ☐ Other:	

SECTION 6: OVERALL OUTFALL CHARACTERIZATION FOR POTENTIAL ILLICIT DISCHARGE CONCERNS

☒ Unlikely ☐ Potential (presence of two or more indicators)
☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

SECTION 7: DATA COLLECTION N/A

1. Sample for the lab?	☐ Yes	☐ No
2. If yes, collected from:	☐ Flow	☐ Pool

SECTION 8: ANY NON-ILLICIT DISCHARGE CONCERNS (e.g., trash or needed infrastructure repairs)?