



*Prepared for:*

City of Aztec

201 West Chaco

Aztec, New Mexico 87410

*and*

San Juan County

305 South Oliver Drive

Aztec, New Mexico 87410

NPDES Phase II Small MS4

Annual Report 2015-2016

*for*

San Juan County

and City of Aztec

San Juan County, New Mexico

*Prepared by:*

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# NPDES Phase II Small MS4 General Permit Annual Report 2015-2016

San Juan County and City of Aztec  
San Juan County, New Mexico

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## 1.0 General Information

Animas Environmental Services, LLC has completed this National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Separate Storm Sewer System (MS4) General Permit Annual Report on behalf of the City of Aztec and San Juan County, located in northwest New Mexico.

**Municipality/Organization:** City of Aztec and San Juan County

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**EPA NPDES Permit Number:** Pending

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**Reporting Period:** July 1, 2015 – June 30, 2016

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## *1.1 Executive Summary*

The Storm Water Management Plan outlines the City of Aztec and San Juan County five-year program to comply with the U.S. Environmental Protection Agency Phase II Storm Water Final Rule (64 CFR 6872, 8 Dec 99) to improve storm water quality in accordance with the Clean Water Act of 1972. This program also serves to develop, implement, and enforce a storm water management program designed to reduce the discharge of pollutants to the maximum feasible extent possible. The U.S. Environmental Protection Agency (USEPA) has identified six minimum control measures which must be specifically addressed within this plan. City of Aztec and San Juan County must show measurable goals and improvements in these six minimum control areas, which are listed below and outlined in the Table of Contents. These six control measures involve several departments within City of Aztec and San Juan County government. There are numerous storm drain outfalls located in the City and County which discharge into the Waters of the U.S. By following these six control measures, City of Aztec and San Juan County will benefit from significant reductions in pollutants being discharged to these Waters. A record of these results and improvements will be the responsibility of each department.

Over the reporting period, July 1, 2015 through June 30, 2016, City of Aztec and San Juan County have been working with City of Farmington and New Mexico Department of Transportation (NMDOT) to develop and implement a Memorandum of Agreement (MOA) and associated cost sharing agreement as part of facilitating compliance with the proposed MS4 NPDES General Permit NMR04A000.

## *1.2 Storm Water Management Plan: Six Minimum Control Measures*

1. Public Education and Outreach
2. Public Involvement and Participation
3. Illicit Discharge Detection and Elimination (IDDE)
4. Construction Site Storm Water Runoff Control
5. Post-Construction Storm Water Management in New Development and Redevelopment
6. Pollution Prevention and Good House Keeping for Municipal Operators

## *1.3 Permit Coverage*

The Storm Water Management Plan (SWMP) encompasses the urbanized areas within City of Aztec (COA) and San Juan County (SJC) and covers approximately 44 square miles. The COA has a population of approximately 5,960, and SJC has a population of approximately 115,079 (U.S. Census Bureau 2017).

## 1.4 Reporting Requirements

The MS4 Annual Report includes the status of compliance with the permit conditions, an assessment of the appropriateness of the Best Management Practices (BMPs) selected, and progress towards achieving the measurable goals for each of the six minimum control measures. The report also summarizes activities undertaken by the COA (City) and SJC (County) during the reporting cycle, any changes to the plan or its measurable goals, and all relevant data obtained during the reporting period. Additionally, any changes made to BMPs or the measurable goals will be addressed.

## 1.5 Certifications

Contact Person: Fran Fillerup, San Juan County Public Works Director

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Telephone #: (505) 334-7864

Email: [ffillerup@sjcounty.net](mailto:ffillerup@sjcounty.net)

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Mailing Address: 305 South Oliver Drive, Aztec, New Mexico 87410

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*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 gather and evaluate 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.*

Signature (San Juan County):

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Printed Name: Fran Fillerup

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Title: Director of Public Works

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Date:

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Contact Person: Josh Ray, Aztec City Manager

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Telephone #: (505) 334-7600

Email: JRay@aztecnm.gov

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Mailing Address: 201 West Chaco, Aztec, New Mexico 87410

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*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 gather and evaluate 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.*

Signature (City of Aztec):

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Printed Name: Josh Ray

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Title: City Manager

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Date:

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## 2.0 Self-Assessment

COA and SJC have a Storm Water Management Plan (SWMP) in place which is used as a guide to improve storm water quality and implement compliance with the EPA Phase II Final Rule and the Clean Water Act of 1972.

The COA and SJC SWMP emphasizes Public Education and Outreach, and Public Involvement and Participation as control measures in storm water management. Public education and involvement are effective tools that reach across many socio- and economic boundaries, and the effect on public behavior can last indefinitely. The City and County stress these control measures in an effort to increase awareness and prevention, thereby reducing the number of storm water pollution incidents which may occur. Throughout the year, COA and SJC sponsor clean-up efforts and recycling programs, which receive high participation rates by the public and interest groups.

COA and SJC have implemented a Storm Water Hotline to report spills, illicit discharges, illegal dumping, and general comments or complaints from the public regarding storm water runoff. Between July 1, 2015 and June 30, 2016, SJC had 48 reports of illegal dumping. The Storm Water Hotline has proven to be a valuable resource, though the City and County would like to see more participation and reporting by the public.

Both COA and SJC require the approval of submitted construction plans and land use plans that comply with EPA regulations for all construction projects at least one acre in size. Two Notices of Intent (NOIs) for construction storm water permits were filed with COA as owner/operator for construction sites during this permit period:

- Aztec Arterial Phase 1B; and
- Aztec North Main Corridor.

Two NOIs were also filed with SJC as the owner/operator for construction sites during this permit period:

- Ojo Amarillo Elementary School;
- and N5020.

COA and SJC provide a good example regarding storm water management with regular inspections and maintenance of their vehicles, street sweeping, working with the Adult Detention Center in efforts to help clean up roadways and outfalls, and continuation of a sound Pesticide Management Plan, among many other measures.

The City and County also provide a number of resources available for the public, such as access to the GeoPortal interactive mapping website, the Storm Water Hotline, listings of

solid waste dumping locations, recycling centers, and hosting hazardous waste collection days.

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## 3.0 Summary of Minimum Control Measures

### 3.1 *Public Education and Outreach*

#### 3.1.1 **Target Audiences**

COA and SJC use a variety of methods to reach a diverse audience, such as utilizing mass media campaigns and a mix of resources to promote pollution awareness relevant to the SWMP. The industrial outreach program builds upon existing programs such as setting up a booth at the San Juan County Fair (County Fair), mailing out educational brochures, and recycling to target businesses and industries which significantly impact storm drains and/or conveyances.

#### 3.1.2 **Education Materials and Strategies**

The public education effort informs residents about COA and SJC recycling programs, including proper disposal of used motor oil, chemicals, solvents, and other hazardous household products. Citizen watch groups are encouraged to identify areas regarding storm water pollution. A Storm Water Hotline has been established to aid the community in reporting illicit discharge and potential spills. These strategies involve using various public service announcements, including multilingual posters, brochures, and flyers to help promote awareness in storm water pollution management.

#### 3.1.3 **Pesticide Management/Community Awareness**

An integrated Pest Management brochure for City and County residents to find alternatives for traditional pesticides has been offered. San Juan County Vector Control and the New Mexico State University's (NMSU's) Extension services have been consulted to address urban pest management. A community education program teaches residents xeriscaping, non-chemical pest control, and removal of pests by non-chemical means. Lawn pesticides (and household) application brochures are available to City and County employees and residents through the existing Pesticide Awareness Program.

Table 1. Public Education and Outreach

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./ Person Name</b>	<b>Measurable Goals</b>	<b>Progress on Goal(s) – Permit Year 2015-2016</b>	<b>Planned Activities – Permit Year 2016-2017</b>
1.1	Public notice of upcoming meetings and event schedules	Public Works	Submit notices to area newspapers and post on county website (sjcounty.net).	Public has been notified via newspaper articles, fliers, webpages, etc. of upcoming meetings and events.	Continue notifying public through various means of upcoming meetings and events.
1.2	Employee Guide on Storm Water	Public Works	Train all new City and County employees on preventing storm water pollution.	No new employees trained in 2015-2016 permit period for SJC.	Continue training new employees. Update the Guide as needed and improve tracking.
1.3	Stencil drain program and mark outfalls	Public Works	Design and post Storm Drain Markers.	Storm Drain Markers were maintained and replaced as needed.	Maintain and add Storm Drain Markers as needed.
1.4	Storm Water Management Training of COA and SJC personnel	Public Works, AES	Attend training programs and classes, EPA Region 6 Storm Water Conference, attend local interest group meetings.	Laurie Martinez of COA and Fran Fillerup of SJC were updated on storm water regulations and BMPs at Small MS4s Statewide Summit, April 2016. COA Employee Training Guide (see Appendix). AES attended select bimonthly meetings of San Juan Watershed Group.	Send COA/SJC representative to appropriate conferences, training classes, and group meetings. Attend USEPA MS4 workshop in Albuquerque in July 2016 (COA).
1.5	Education through displays at San Juan County Fair	Public Works	Set up booth at County Fair with educational brochures and pamphlets.	Booth set up for August 2015 County Fair. Handed out brochures and pamphlets to residents. See Appendix.	Attend and set up booth display for upcoming County Fair.

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./ Person Name</b>	<b>Measurable Goals</b>	<b>Progress on Goal(s) – Permit Year 2015-2016</b>	<b>Planned Activities – Permit Year 2016-2017</b>
1.6	Floodplain Management Education	Public Works	Floodplain Management Brochure handed out to City and County residents.	Several hundred brochures handed out at County Fair. Extras saved and handed out at other educational outreach programs. Interactive Floodplain Map available to public on county website. See Appendix.	Continue educating public on flood management and safety.
1.7	Hazardous Products Education	Public Works	Safer Alternatives to Hazardous Products Brochure handed out at County Fair.	Several hundred brochures handed out at County Fair. Extras saved and handed out at other educational outreach programs. See Appendix.	Continue educating public on hazardous products and disposal methods.
1.8	Storm Water Newspaper Articles and/or Web Page Announcements	Public Works	Announcements notifying public of COA and SJC Storm Water Program, Storm Water Hotline, Hazardous Waste Disposal locations and dates, etc.	Newspaper articles submitted. See Appendix A for a sampling of articles published.	Submit additional newspaper articles as needed. Update stormwater pages for SJC and for COA.
1.9	Storm Water Flow Chart	Public Works	Education through the use of a SWMP Flow Chart.	Evaluate if a SWMP Flow Chart would be useful and what it all would entail (temporarily on hold while pursuing MS4 collaborative group for next MS4 permit).	Design SWMP Flow Chart if deemed useful for new employees and COA/SJC residents, once collaborative group confirmed.
1.10	Pesticide Management Plan	Public Works	Inform/educate residents of pesticide management and offer alternative methods to controlling pests/weeds.	Brochures and pamphlets are made available to public through the Pesticide Awareness Program.	Continue educating the public through the Pesticide Awareness Program.

## **3.2 Public Involvement and Participation**

The COA and SJC public participation control measure has a large public component and involves all socio-economic groups. Support by residents is crucial to the success of the SWMP. Broader public support in the development and decision making process minimizes potential legal challenges and maximizes acceptance and cooperation.

### **3.2.1 Volunteer Educators/Speakers**

Volunteer educators and speakers are encouraged to provide their expertise in the areas of storm water maintenance and pollution prevention. COA and SJC also have the resources available at San Juan College in the fields of water and wildlife conservation, engineering, and hydrology to help support the storm water infrastructure.

### **3.2.2 Public Meetings/Community Outreach**

Public meetings present an opportunity to discuss various topics and provide input concerning appropriate storm water management policies and BMPs. Community clean-up events and activities are City and County sponsored. A telephone hotline has been set up to aid enforcement authorities in the identification of polluters. The program seeks to contact groups such as the City of Aztec Chamber of Commerce, Rotary Clubs, River Walk groups, rafting groups, Glade Recreation Area users, and the Boy and Girl Scouts.

### **3.2.3 Recycling**

Recycling programs have been instituted to recycle yard waste, newspapers, cardboard, plastic, oils, and antifreeze. A recycling program that targets these materials encourages proper disposal and should further reduce pollution of the river and waterways. San Juan County offers single stream recycling at all 12 of its solid waste convenience stations. Allowable materials are presented on the County's web page (<https://www.sjcounty.net/departments/hthruz/public-works/recyclable-materials-list>).

The feasibility of a swapping center will be discussed in the near future. The swapping center could be used for residents to drop off unused items, such as paint or scrap metal parts, which other residents may be able to use. These efforts will help reduce the amount of usable materials that end up in landfills, as well as provide an affordable alternative disposal method for residents.

Table 2. Public Involvement and Participation

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./ Person Name</b>	<b>Measurable Goals</b>	<b>Progress on Goal(s) – Permit Year 2015-2016</b>	<b>Planned Activities – Permit Year 2016-2017</b>
2.1	Hazardous Waste Collection	Public Works	Set dates and locations for hazardous waste collection.	Hazardous Waste Collection days: April 16, 2016 at two locations in SJC.	Schedule more Hazardous Waste Collection days throughout 2016-2017 permit period.
2.2	Storm Water Hotline	Public Works	Establish Storm Water Hotline to report spills and illicit discharges.	Storm Water Hotline at (505) 334-4560 successfully operating.	Keep Storm Water Hotline available to public. Increase advertisement of hotline and encourage reporting.
2.3	Reporting Illegal Dumping	Public Works	Establish hotline to report illegal dumping activities.	Hotline to report illegal dumping activities in the County or City Municipalities at (505) 334-6622 successfully operating.	Increase awareness of County Ordinances regarding illegal dumping. Encourage reporting illegal dumping activities.
2.5	Community Clean-Up Days	Public Works	Community clean-up days for curbside pickup, Freon removal, tree branch/limb recycling, and dump convenience center. Services are free to county residents.	Fall and spring clean-up days held.	Schedule clean-up days for fall 2016 and spring 2017.

<b><i>BMP ID #</i></b>	<b><i>BMP Description</i></b>	<b><i>Responsible Dept./ Person Name</i></b>	<b><i>Measurable Goals</i></b>	<b><i>Progress on Goal(s) – Permit Year 2015-2016</i></b>	<b><i>Planned Activities – Permit Year 2016-2017</i></b>
2.6	County Adult Detention Facility roadside and yard waste clean-up program	Public Works	Inmates of the Adult Detention Facility assist in roadside and yard clean-up of trash and debris.	Recycled 102 tons of trash and placed in Compactor/Transfer Station. Approximately 7400 man-hours utilized.	Continue working with the County Adult Detention Facility and encouraging volunteer hours from the inmates.
2.7	National Public Lands Day	Public Works and U.S. Department of the Interior	Clean up illegally dumped trash in the BLM Glade Run Recreation Area.	Held on September 26, 2015. Picked up approximately 180 cubic yards of trash and 30 tires.	Continue to host National Public Lands Day and encourage additional volunteers.

### **3.3 Illicit Discharge and Detection Elimination**

#### **3.3.1 Visual Inspection/Screening**

The illicit discharge detection measure involves City and County staff as well as local citizens. COA and SJC will locate illicit discharge problem areas through visual inspections, public complaints, visual screening, and dry weather screening methods. The program will work to detect and eliminate illicit discharges. COA and SJC will catalog data pertinent to the NPDES program. The data will be available to interested parties. Visual inspection of storm drains will be integral in identifying those areas of the City and County that have frequent occurrences of illicit discharges.

#### **3.3.2 Geographic Information System (GIS) Mapping**

GIS is utilized by COA and SJC to map the location of all storm sewer drain lines, ponds, and other waters that receive storm water discharges. This information is made available through the City and County network and ArcGIS software. All outfalls which discharge into a recognized water body are accurately mapped using Global Positioning Systems (GPS) survey equipment. Thus, an accurate map of the various aspects of the storm water system (catch basins, pipes, culverts, and other storm water structures) can also be depicted. This enables the City and County to accurately locate sources of illicit discharges and the affected downstream waterways. SJC also hosts a GeoPortal page on its county website ([www.sjcounty.net](http://www.sjcounty.net)). The GeoPortal presents interactive web maps which display educational tools such as land use plans, waterways, floodplains, and SJC road statuses.

#### **3.3.3 Correct Illicit Discharges**

If illicit discharges are discovered, reported, or suspected, the City and County address each discharge on a case by case basis, where an educational method to approaching illicit dischargers is first used to help prevent future non-compliance by that person or persons. The City and County will submit a written letter, call, or personally talk to the individuals, with an emphasis on educating them about their actions' impacts to waterways, wildlife, and property value. In the event of re-occurring or illicit discharges with notable consequences, proper authorities are notified and legal action is taken in accordance with applicable ordinances.

#### **3.3.4 Documentation**

No sampling data was collected during the permit period with regards to potential illicit discharge. COA and SJC catalog pertinent data to the NPDES program. If future sampling in receiving water bodies shows elevated levels of a pollutant, then the City and County can use the GIS resource to focus its investigation on possible sources of illicit discharges.



Table 3. Illicit Discharge Detection and Elimination

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goals</b>	<b>Progress on Goal(s) – Permit Year 2015-2016</b>	<b>Planned Activities – Permit Year 2016-2017</b>
3.1	Storm Water Hotline	Public Works	Increase participation of Storm Water Hotline.	Storm Water Hotline established and advertised in local papers, pamphlets, fairs, and educational outreach programs.	Continue advertising hotline. Encourage reporting of illicit dumping and spills.
3.2	Visual inspections and monitoring	Public Works	Locate and report illicit discharges, illegal dumping, and spills.	For SJC, 48 illegal dumping incidents were reported. Wet weather inspections conducted August 2015.	Continue tracking and educating offenders. Continue promoting the use of the Storm Water Hotline for reporting illegal dumping and discharges.
3.3	Storm drains, outfalls, and problematic areas monitoring	Public Works, AES	Visual inspection of storm drains and potential problematic areas.	COA visually inspects and monitors on a yearly basis. SJC visually inspects and monitors on a quarterly basis. Results of inspections are attached in Appendix C.	COA will inspect and monitor annually or as needed. SJC will inspect and monitor every quarter.
3.4	City Ordinance on discharges and illegal dumping	Public Works	Update County or City Ordinances on prohibition of illicit discharges.	No ordinances currently under consideration.	No ordinances currently under consideration.

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goals</b>	<b>Progress on Goal(s) – Permit Year 2015-2016</b>	<b>Planned Activities – Permit Year 2016-2017</b>
3.6	Roadside Trash Cleanup	Public Works	Clean up trash from road side and known dump sites	Approximately 102 tons of trash were collected representing approximately 7400 man-hours using County crews and inmate labor.	Continue roadside cleanup activities. Will be challenging to meet 2015-2016 quantities as inmate labor has become limited due to pre-trial release of non-violent inmates.

### **3.4 Construction Site Storm Water Runoff Control**

#### **3.4.1 Site Plan Review**

COA and SJC recognize that construction sites can deposit a significant amount of sediment in a short period of time. The Phase II Rule, according to 40 CFR 122.34(b)(4) (U.S. Government Printing Office 2017) and the NPDES Construction General Permit requires the City and County to develop and enforce a storm water management program to address storm water runoff from construction sites one acre or greater in area. COA currently requires the approval of submitted construction plans and a land use plan that complies with USEPA regulations. In 2010, the County adopted Ordinance 9 – Construction Code Ordinance, which adopts the codes adopted by Construction Industries Division (Title 14 NMAC); however, the County current does not conduct site plan review prior to construction.

#### **3.4.2 Erosion Awareness**

COA and SJC are adopting smart growth initiatives, such as Low Impact Development (LID) designs, xeriscaping, and rain gardens, to promote open space and native landscaping to help reduce erosion.

#### **3.4.3 Non-Structural BMPs**

Non-structural BMPs for storm water runoff from construction sites implemented by COA and SJC include: education and awareness to construction personnel, minimizing disturbance to native soil and vegetation, establishing buffers along streams and waterways, minimizing disturbances of high slope areas, and encouraging sheet flow to vegetated areas. Stream buffer guidance will be encouraged by the Public Works Department Staff such that riparian stream areas are restored with native vegetation. The zone will be 100 to 150 feet wide on both sides of the bank. The buffer includes the 100-year flood plain delineation and is governed by the Flood Plain Manager for COA and SJC.

#### **3.4.4 Structural BMPs**

Structural BMPs encouraged by COA and SJC include: check dams, geotextile silt fences, berms, and sediment basins. Native seeds are often incorporated into berms to help stabilize the structure and reduce runoff. This technology has the benefit of being retrofitted in the developed portions of the City and County.

Table 4. Construction Site Storm Water Runoff Control

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goals</b>	<b>Progress on Goal(s) – Permit Year 2015-2016</b>	<b>Planned Activities – Permit Year 2016-2017</b>
4.1	Documentation of construction activities one acre or greater in size	Public Works	Record construction activities which result in construction site runoff. Train City and County staff (inspectors and plan reviewers) and construction operators.	Tracked all construction activity related to storm water runoff. Documented sites with inadequate BMPs. Educating construction workers and responsible parties on storm water runoff management. COA filed two NOIs for construction projects (Aztec Arterial Phase 1B and Aztec North Main Corridor), and SJC filed two construction NOIs (Ojo Amarillo Elementary School and N5020 project).	Continue to document construction site compliance as needed, and continue educating construction personnel. Training for new requirements under the draft 2017 Construction General Permit.
4.2	Storm Water Management Plan	Public Works	Construction sites greater than one acre must submit a SWMP.	Include requirements for SWMP in proposed ordinances.	Continue enforcing SWMP compliance. Revise ordinances as needed.
4.3	Education and Implementation of Structural and Non-Structural BMPs	Public Works, Engineering	Educate and encourage construction personnel and contractors to implement BMPs aimed at reducing storm water runoff and erosion.	Observed BMPs and storm water management practices for construction sites. Storm water construction/BMP class held for SJC/COA personnel, as well as for engineers, planners, and construction industry in April 2016.	Continue with education and encouragement of BMP installation and practices.

### 3.5 Post-Construction Storm Water Management in New Development and Redevelopment

#### 3.5.1 Post-Construction Runoff Control

COA and SJC address post-construction storm water runoff with structural and non-structural BMPs. The controls seek to reduce the amount of impervious cover by increasing natural land and vegetation, and to utilize pervious areas for more effective storm water management. The City and County encourage regional ponds and parks, which provide additional pervious areas and native flora and fauna. The net increase of scenic features will positively impact neighborhood aesthetics and increase residential property values.

Table 5. Post-Construction Storm Water Management  
in New Development and Redevelopment

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./ Person Name</b>	<b>Measurable Goals</b>	<b>Progress on Goal(s) – Permit Year 2015-2016</b>	<b>Planned Activities – Permit Year 2016-2017</b>
5.1	Education and Awareness	Public Works	Visit post-construction sites and ensure compliance of existing ordinances.	Visited recent post-construction sites. Inspected to ensure compliance with ordinances.	Continue to visit post-construction sites on an as-needed basis or when compliance issues arise.
5.2	Education and Implementation of Structural and Non-Structural BMPs	Public Works, Engineering	Educate and encourage implementation of BMPs aimed at reducing storm water runoff and erosion.	Construction BMPs training, COF, SJC and COA, April 2016.	Continue with education and encouragement of BMP installation and practices. Offer more CGP training.
5.3	Post-Construction Training	Public Works, Engineering	Attend trainings and seminars on post-construction storm water.	Construction BMPs training, COF, SJC and COA, April 2016.	Continue attending educational classes and workshops.

### 3.6 Pollution Prevention and Good Housekeeping in Municipal Operations

#### 3.6.1 Municipal Maintenance

The COA and SJC Pollution Prevention and Good Housekeeping in Municipal Operations Program goals are to reduce pollutant runoff from City and County operations. A vehicle maintenance program requires that all City and County -owned vehicles be regularly inspected to eliminate the amount of oil, grease, and fluid leaks. Street sweeping is performed on all city streets at a frequency based on the most traveled streets and busiest intersections. All street cleaning is performed using vacuum-equipped sweepers. Outfalls are regularly inspected and analyzed according to a standardized checklist. Trouble outfalls are inspected and maintained after every storm event.

#### 3.6.2 Pesticide General Permit for San Juan County

San Juan County was covered under the Pesticide General Permit during the reporting period and re-applied for coverage in November 2016.

#### 3.6.3 City-Wide Clean-Up Days

City-wide clean-up days are held twice a year (April and October) throughout the area for community residents to help clean roadways, side streets, yards, parking lots, ditches, and parks.

Table 6. Pollution Prevention and Good Housekeeping in Municipal Operations

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./ Person Name</b>	<b>Measurable Goals</b>	<b>Progress on Goal(s) – Permit Year 2015-2016</b>	<b>Planned Activities – Permit Year 2016-2017</b>
6.1	Municipal Maintenance	Public Works	Inspect and maintain City and County vehicles. Sweep streets on a regular basis; sweeping more often on the most traveled and busiest streets. Inspect and maintain outfalls.	Government-owned vehicles are regularly inspected and maintained. 45 miles of paved roads are swept in COA. 236 miles of paved road are swept in SJC. Storm drains and outfalls are regularly inspected and maintained.	Continue inspections and maintenance operations. Continue street sweeping on a regular basis, increase frequency as needed.

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./ Person Name</b>	<b>Measurable Goals</b>	<b>Progress on Goal(s) – Permit Year 2015-2016</b>	<b>Planned Activities – Permit Year 2016-2017</b>
6.2	Municipal – Pesticide Permit	SJC Public Works	Follow Pesticide Management Plan; complete required reporting.	Submitted required reports.	Reapply for coverage under PGP.
6.2	City-Wide Clean-Up Days	Public Works	Hold city-wide public clean-up days.	Clean-up days were held twice a year throughout COA, once in April and again in October.	Continue public clean-up days on a semi-annual basis.

---

## 4.0 Storm Water Inspections

During development of the SWMP, there were 12 identified outfall locations within COA and the urbanized areas of San Juan County. These outfall locations are shown in Figure 1.

Re-evaluation of the outfall locations is done on a periodic basis. Note that some changes to outfall locations have been made and include:

- **Outfall #5 (Glade/Sweetlands):** this location was previously outside the Farmington City limits, but this area has been annexed in the past few years and was redundant with an outfall sampled by City of Farmington. This outfall is no longer inspected on behalf of SJC/COA; instead it is inspected on behalf of COF.
- **Outfall #6 (Bisti Bridge):** this location was also previously outside the Farmington City limits, but this area has been annexed in the past few years and was redundant with an outfall sampled by City of Farmington. This outfall is no longer inspected on behalf of SJC/COA; instead it is inspected on behalf of COF.
- **Outfall #7 (Isbell Property):** this location was last inspected in 2015; however, since then it has not been possible to obtain property owner permission to conduct stormwater inspections or collect samples. It is proposed to remove this outfall from the list.

#### 4.1 Storm Water Runoff Observations, Sampling and Laboratory Analyses

Dry weather inspections were conducted in June 2015, and wet weather inspections were conducted in August 2016, and all results were documented on inspection forms. Storm water runoff was sampled during the previous reporting period from several outfalls during runoff events on August 13, September 9, and October 9, 2014, and May 12, 2015, and analyzed for nutrients, metals, oil and grease, *Escherichia coli* (*E. coli*), and suspended solids.

During development of the MOA with COF and NMDOT, a review of outfall locations was made, and several possible changes to the inspection and sampling strategy have been discussed. Preliminarily, improved sampling locations could include:

1. From Animas River, upstream of UA boundary in Aztec;
2. From Animas River, upstream of its confluence with San Juan River;
3. From San Juan River, upstream of its confluence with Animas;
4. From La Plata River, upstream of the UA boundary in Farmington;
5. From San Juan River, just below (downstream) of confluence with Animas River;
6. From La Plata River, upstream of its confluence with San Juan River;
7. From San Juan River, just below (downstream) of confluence with La Plata River;
8. From San Juan River, just below (downstream) of the UA boundary west of Farmington/Kirtland; and
9. From San Juan River, upstream of UA boundary in Farmington.

---

## 5.0 Summary

### 5.1 Public Outreach and Education

COA and SJC have used a number of outreach tools and mass media campaigns to educate the public on storm water management. Examples of such control measures include setting up booths at the County Fair, mailing out educational brochures and fliers, and submitting storm water related articles to the local newspapers. Storm Drain Markers, which have been placed throughout the City and County to inform the public which drains flow directly to nearby rivers or waterways, are checked and replaced as needed. A Pesticide Management Plan is utilized to educate the public on proper spraying methods as well as alternative methods to controlling weeds and insects.



## *5.2 Training, Conferences, and Continued Collaboration with other MS4 Entities*

COA and SJC personnel have attended and will continue attending training sessions, meetings, and conferences on storm water. New employees to the City or County are educated by their peers and through reading the Employee Guide on Storm Water.

COA and SJC continue to work with COF, NMDOT, and the NMED Surface Water Quality Bureau (SWQB) in developing a collaborative agreement to meet permit requirements. Additionally, the San Juan Watershed Group and the San Juan Soil and Water Conservation District have also been helpful in offering assistance. During the reporting period, cooperative MS4 meetings were held in June 2016. Additionally, the Statewide Summit for Small MS4s was held in Albuquerque and attended by both COA and SJC.

## *5.3 Public Involvement and Participation*

The City and County sponsor recycling programs several times a year to collect chemicals and hazardous household wastes, a city-wide clean-up twice per year, and the set-up of dumpster in the Glade Recreational Area two to three times per year. Citizen watch groups and general members of the public are encouraged to report spills or illicit discharges through the use of the Storm Water Hotline.

With the help of the SJC Adult Detention Center, COA and SJC were able to collect 102 tons of road-side trash and debris, which was taken to the landfill. The City routinely sweeps 45 miles of paved roads, while the County sweeps 236 miles of paved roads. Government vehicle operated are regularly inspected and maintained to prevent fluid leaks.

## *5.4 Construction and Post-Construction*

Construction sites equal to or greater than one acre in size are required to submit a storm water management plan in accordance to EPA regulations and City and County ordinances. The City and County encourage and educate proper installation and maintenance of structural and non-structural BMPs for construction and post-construction sites. LID implementation, xeriscaping, and preservation of natural land and vegetation are also encouraged by COA and SJC.

## *5.5 Stormwater Inspections and Monitoring*

Stormwater outfalls were inspected throughout the year to ensure they were in good operating condition and to help identify impending structural failures, maintenance needs, and water quality issues of the storm drain system. SJC and COA will continue routine inspections and sampling events to ensure BMPs are met and they are in good operating condition.

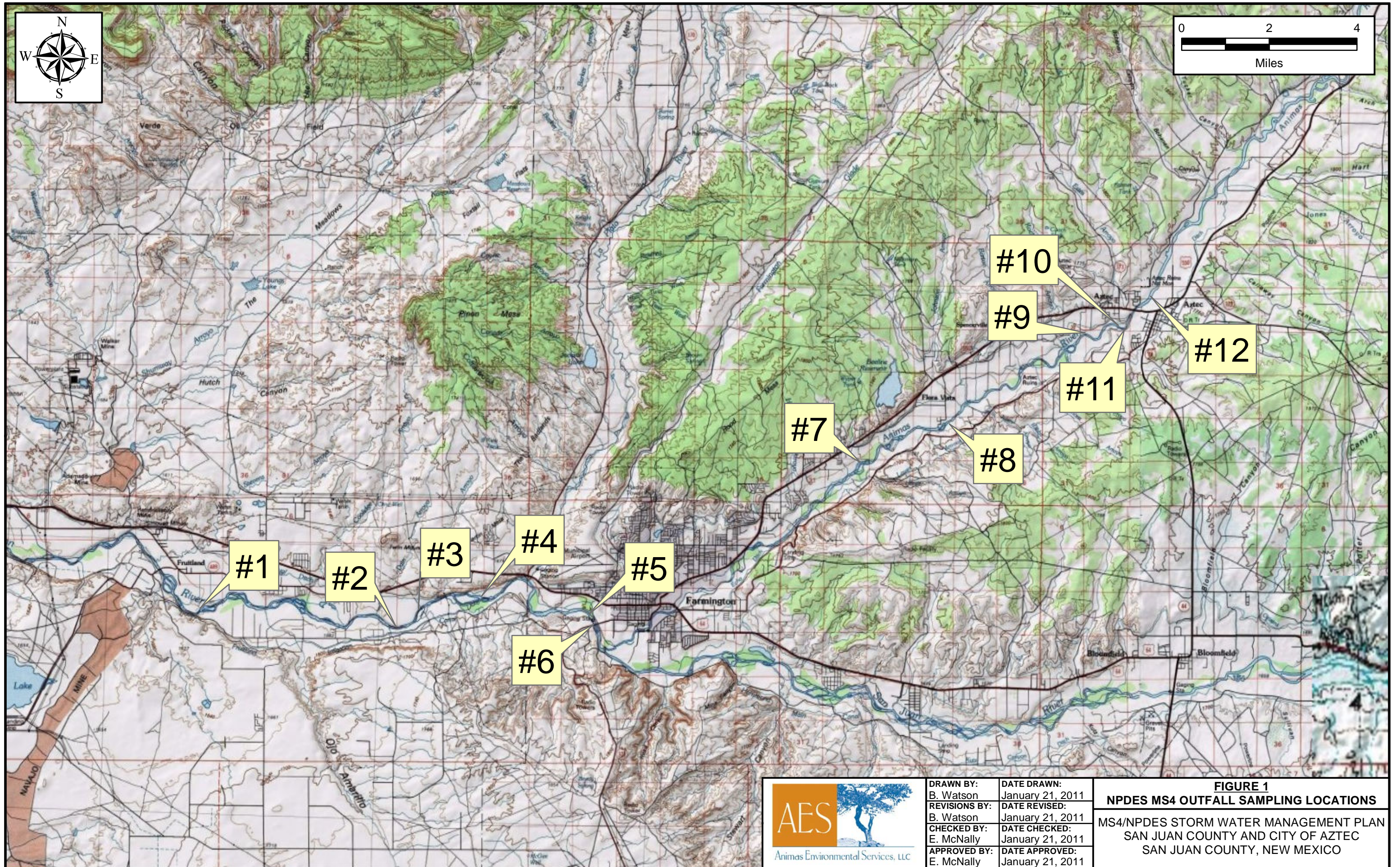
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## 6.0 References

Aztec, San Juan County and City of. *Storm Water Management Plan*. Storm Water Management Plan, Aztec: San Juan County and City of Aztec, 2014.

U.S. Census Bureau. *State and County Quickfacts*. 2017. [https:// www.census.gov/quickfacts](https://www.census.gov/quickfacts) (accessed June 2, 2017).

U.S. Government Printing Office (USGPO). *Electronic Code of Federal Regulations*. June 1, 2017. [http://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40cfr122\\_main\\_02.tpl](http://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40cfr122_main_02.tpl) (accessed June 2, 2017).



<b>DRAWN BY:</b> B. Watson	<b>DATE DRAWN:</b> January 21, 2011
<b>REVISIONS BY:</b> B. Watson	<b>DATE REVISED:</b> January 21, 2011
<b>CHECKED BY:</b> E. McNally	<b>DATE CHECKED:</b> January 21, 2011
<b>APPROVED BY:</b> E. McNally	<b>DATE APPROVED:</b> January 21, 2011

**FIGURE 1**  
**NPDES MS4 OUTFALL SAMPLING LOCATIONS**  
MS4/NPDES STORM WATER MANAGEMENT PLAN  
SAN JUAN COUNTY AND CITY OF AZTEC  
SAN JUAN COUNTY, NEW MEXICO

# APPENDIX A



USDA NRCS

The Water Cycle:  
Nature's Recycling System

**SAN JUAN**  
SOIL & WATER  
CONSERVATION DISTRICT



ENTERING  
SAN JUAN  
SOIL AND WATER  
CONSERVATION DISTRICT

**SOIL**

Know Your Soil!

**WATER**

Know Your Water!

- Education Outreach
- Poster Contest
  - Soil Stewardship Week
  - Forestry Camp
  - Sponsorship
  - Conservation Education Materials for Schools
  - County Fair
  - Cost Effective Scholarship



*San Juan*  
*Soil and Water Conservation District*

## When It Rains, It Drains

Polluted storm water runoff can have many adverse effects on plants, fish, animals, and people.

Sediment can cloud the water and make it difficult or impossible for aquatic plants to grow. Sediment also can destroy aquatic habitats

Excess nutrients can cause algae blooms. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels.

Bacteria and other pathogens can wash into swimming areas and create health hazards, often making closures necessary.

Debris—plastic bags, six-pack rings, bottles, and cigarette butts—washed into water bodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds.

Household hazardous wastes like insecticides, pesticides, paint, solvents, used motor oil, and other auto fluids can poison aquatic life. Land animals and people can become sick or die from eating diseased fish and ingesting polluted water.

Polluted storm water often affects drinking water sources. This, in turn, can affect human health and increase drinking water treatment costs.

**Our Water. Our Future.**



**Ours to Protect**

## 10 Things You Can Do To Prevent Storm Water Runoff Pollution

1. Use fertilizers sparingly and sweep up driveways, sidewalks, and gutters
2. Never dump anything down storm drains or in streams
3. Vegetate bare spots in your yard
4. Compost your yard waste
5. Use least toxic pesticides, follow labels, and learn how to prevent pest problems
6. Direct downspouts away from paved surfaces; consider a rain garden to capture runoff
7. Take your car to the car wash instead of washing it in the driveway
8. Check your car for leaks and recycle your motor oil
9. Pick up after your pet
10. Have your septic tank pumped and system inspected regularly



## City of Aztec and San Juan County Storm Water Sense

*New Mexico monsoon season typically starts in early July. During a rain, the storm water runs over drives, streets, lawns and parking lots collecting trash, chemicals, dirt and other pollutants and will flow into the ditches, arroyos and storm water system in the City of Aztec and San Juan County. This runoff is untreated and flows directly into the rivers. The City has about 10 discharge points to the Animas River via the storm water collection system used to collect rainwater and runoff. This system is regulated by the US EPA under the Phase II rule of the National Pollutant Discharge and Elimination System. The City of Aztec and San Juan County have worked together and implemented a Storm Water Management Program and needs your help to keep our waters clean for our continued use.*

**Report Illegal Dumping**

**Storm Water Hotline:**

**Tel: 505-334-4560**



### 10 Things You Can Do to "Stamp" Out Stormwater Runoff Pollution

- Don't sweep yard and pet waste into the street.
- Never dump anything down storm drains or in streams
- Plant bare spots in
  - your yard with grass or flowers
- Compost your yard waste
- Use safer alternatives to get
  - rid of pests and learn how to prevent pest problems
- Direct downspouts away from
  - paved surfaces; consider a rain garden to capture runoff
- Have mom and dad
  - take the car to the car wash instead of washing it in the driveway
- Pick up after your pet
- Clean Water is everybodys business!



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- Pick up after your pet
- Clean Water is everybodys business!

**...and May the Force Be With You!**

**...and May the Force Be With You!**

**...and May the Force Be With You!**

**...and May the Force Be With You!**



2015  
SJ County Fair



Flood  
Plan



## HISTORY OF FLOODING IN SAN JUAN COUNTY

Floods in San Juan County result from general rainstorms, snowmelt, and rain from cloudburst storms. General rain floods have been the cause of severe damage along the Animas and La Plata Rivers and have usually occurred during the months of September and October. This type of flood results from prolonged heavy rainfall over tributary areas and is characterized by high peak flows of moderate duration.

Major rain floods occurred on the La Plata River in 1904 and 1909. On the Animas and San Juan Rivers, Spring snowmelt flooding occurred in 1884 and rain flooding in 1909. During the latter part of June 1927, melting snow augmented by general rain over the San Juan River basin created the highest flows and most widespread flood on the La Plata, Animas, and San Juan Rivers since the flood of October, 1911, which is counted as the historic basis for the 1% annual chance flood, also known as the 100-year flood.

More recent floods include: 1995 and 2005 on the Animas River due to high Spring run-off; 2006 flash floods on the La Plata Highway (NM 170); 2008 thru 2014, flash flooding occurred in the area of Blanco; and in 2008 and 2011 flash flooding occurred on Sullivan Road in Bloomfield. In 2009, a flash flood event occurred near the Colorado border on NM 170. Six inches of water were reported to be flowing over the roadway and approximately two inches of pea size hail fell in less than 20 minutes.

Flash flooding events throughout San Juan County have continued to cause damage to infrastructure and private property. A major flash flooding event in 2013 deposited several feet of sediment for residents to dig out from under and dispose of.



## HOW DO I KNOW IF MY PROPERTY IS IN THE FLOODPLAIN?

Call the San Juan County Floodplain  
Management Office (505) 334-4719  
go to  
[www.sjcoem.com](http://www.sjcoem.com)  
or  
Visit the FEMA Map Store:  
<http://msc.fema.gov/portal>

## TIPS TO AVOID FLOOD DAMAGE

- ☂ The main electric panel board (electric fuses or circuit breakers) should be at least 12" above the projected flood elevation for your home.
- ☂ Elevate all electric outlets, switches, light sockets, baseboard heaters, electric service lines, and wiring at least 12 " above the projected flood elevation for your home.
- ☂ Build a floodwall around large appliances or elevate on masonry or pressure-treated lumber.
- ☂ Furnaces and water heaters can be placed on masonry blocks or concrete, moved inside a floodwall, or moved to a higher floor.
- ☂ Outside air conditioning compressors, heat pumps or package units, can be placed on a base of masonry, concrete, or pressure treated lumber.
- ☂ Fuel tanks can float or be rolled by the force of water during a flood. Tanks must be securely anchored to cement slabs. Vents and fill line openings should be above projected flood levels.
- ☂ To prevent flood waters from entering the sewer system and forcing sewage into your home, install an interior or exterior backflow valve.
- ☂ Build drainage systems or levees around your property.
- ☂ Seal openings such as low windows.
- ☂ Construct exterior floodwalls around basement doors and window wells.

## ELEVATE OR RELOCATE STRUCTURES OUT OF THE FLOODPLAIN

### FACT:

MOST CARS CAN BE SWEEP AWAY BY 18-24 INCHES  
OF MOVING WATER.  
\*\*THIS INCLUDES TRUCKS AND SUVs\*\*

## SAN JUAN COUNTY PERMIT REQUIREMENTS FOR NEW CONSTRUCTION, SUBSTANTIAL IMPROVEMENTS, AND MANUFACTURED HOME PLACEMENT IN FLOOD HAZARD AREAS

### Structures in an area where the Base Flood Elevation has been established—Zone AE:

1. Lowest floor will be at least **one foot above** the Base Flood Elevation.
2. An Elevation Certificate **must** be submitted and a Floodplain Permit obtained before project begins.  
*It is suggested that elevation be confirmed prior to framing.*
3. A final Elevation Certificate will be required prior to final inspection of the structure.

### Structures in an area where the Base Flood Elevation has not been established—Zone A:

1. Lowest floor will be at least three feet above the Highest Adjacent Grade to the structure walls.
2. An Elevation Certificate must be submitted and a Floodplain Permit obtained before project begins.  
*It is suggested that elevation be confirmed prior to framing.*
3. A final Elevation Certificate will be required prior to final inspection of the structure.

### WHAT IS AN ELEVATION CERTIFICATE?

FEMA Form 81-31 Elevation Certificate is used to provide elevation information necessary to ensure compliance with floodplain ordinances, to determine the proper insurance premium rate, and to support a Letter of Map Amendment or Revision (LOMA-LOMR).

## ANYONE CAN GET FLOOD INSURANCE

Even if you **don't** live in a special flood hazard area or you are renting, you can still get flood insurance.

# RESOURCES AND CONTACTS

## LOCAL FLOODPLAIN RESOURCES

San Juan County Floodplain Management	505-334-7700 505-334-4719
City of Aztec Planning and Zoning	505-334-7605
City of Bloomfield Planning and Zoning	505-632-6319
City of Farmington Engineer's Office	505-599-1306



## SAN JUAN COUNTY COMMUNITY DEVELOPMENT

### CODE COMPLIANCE

For information regarding the San Juan County Cleanup Program or the land use ordinances, please contact the Code Compliance Officer at 505-333-3130 or 505-334-4552.

### RURAL ADDRESS/ E9-1-1 UPDATE

All residents should complete an E9-1-1 addressing update. Accurate addressing is vital to the Emergency 9-1-1 system. Verification of a physical address for emergency services is required before building permits can be issued or new electrical service obtained. All new addresses that will access a County Maintained Road or a State or US Highway must have a permit for construction of the driveway within the Right-of-Way before an E9-1-1 address may be issued.

To obtain or verify your E9-1-1 address, contact us at (505)334-4314/334-4713 rural.addressing@sjcounty.net

### DIVISION OF LAND, MANUFACTURED HOME/RV PARKS

For information on divisions of land, Manufactured Home Parks, or RV Parks in the unincorporated areas of San Juan County please contact us at 505-334-4248.

### BUILDING PERMITS/ INSPECTIONS

For building permits and information on building codes in the unincorporated areas of San Juan County and the Cities of Aztec and Bloomfield contact us at 505-334-4313 or on line at

<http://www.sjcounty.net/departments/athrug/community/building>

## OTHER FLOOD RESOURCES

### FEMA—National Flood Insurance Program

[www.fema.gov](http://www.fema.gov)  
[www.floodsmart.gov](http://www.floodsmart.gov)  
[www.ready.gov](http://www.ready.gov)

### Turn Around Don't Drown—NOAA

<http://tadd.weather.gov>  
[www.stormready.noaa.gov](http://www.stormready.noaa.gov)

### Flood Vent Suppliers

### USA FOUNDATION FLOOD AIR VENTS

[www.usafloodairvents.com](http://www.usafloodairvents.com)

### SMART VENT

[www.smartvent.com](http://www.smartvent.com)

## NEW MEXICO FLOODPLAIN MANAGERS

### FLOOD AWARENESS CALENDAR

### CONTEST

[www.nmfma.org](http://www.nmfma.org) for more information:

All schools or civic organizations are eligible to enter artwork from children 3rd grade thru 6th grade. Prizes will be awarded to the top three submissions, but all chosen submissions will be awarded a calendar.

Entries are due in September. For full details and contact information: [www.nmfma.org](http://www.nmfma.org)



## FACT:

HOMEOWNERS INSURANCE DOES NOT COVER  
OUTSIDE FLOODING

# FLOODS



# HAPPEN!



San Juan County...  
Building a Stronger Community



# Save the date to drop off your hazardous waste – April 16!



**When:**  
Household Hazardous Waste Collection Day!

**Saturday, April 16, 2016**  
9 a.m. – 1 p.m.

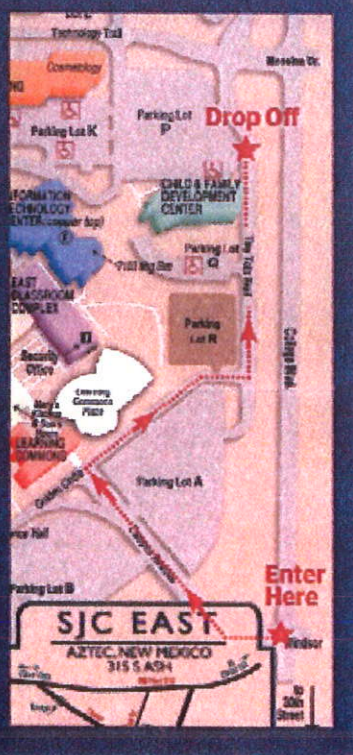


**Where:**

Free to all San Juan County Residents!  
The Farmington drop off is in a new location this year.

**New drop off location**  
4601 College Blvd.  
Farmington, New Mexico

**San Juan County Facility**  
Administration Parking Lot  
100 South Oliver Drive  
Aztec, New Mexico



**What:**

Drop off old batteries, paint, motor oil, weed killer and other hazardous items that you want to get rid of!

**We CAN accept:**

- Used batteries
- Light bulbs
- Antifreeze
- Auto fluids
- Gas
- Brake fluid
- Household cleaners
- Fertilizer
- Insecticides
- Weed killers
- Aerosols
- Paints (including artist paints, wood paint, varnishes, enamel paints)

**We CANNOT accept:**

- Biomedical or radioactive waste
- Explosives
- Compressed gasses
- 55-gallon drums
- Business or industrial generated waste
- Yard waste
- Ammunition
- Appliances (refrigerators)
- Tires
- Paint in dried-out, solid form (put this in the trash)
- E-waste (computers, cell phones, etc.)

**For disposal of e-waste,** see the Farmington Clean & Beautiful 599.1426 for information. For more information, please call 325.6741 or 599.1284.

www.ch2m.com  
Follow us @ch2m



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WT0219161155DEN





# City of Aztec/City of Farmington/San Juan County

## Safer Alternatives to Hazardous Products

### Cleaning Alternatives

#### All purpose cleaners

- Vinegar and Salt  
Mix together for a good surface cleaner.
- Baking soda  
Dissolve 4 tablespoons baking soda in 1 quart warm water. Or use baking soda on a damp sponge. Baking soda will clean and deodorize all kitchen and bathroom surfaces.

#### Cleaner

- Soap  
Regular cleaning with plain soap and hot water will kill some bacteria.
- Keep Dry  
Mold, Mildew and Bacteria cannot live without dampness.
- Borax\*  
Borax has long been recognized for its cleaning and deodorizing properties. Mix  $\frac{1}{2}$  cup Borax into 1 gallon hot water and clean with this solution.

#### Drain Cleaner

- Prevention  
To avoid clogging drains, use a drain strainer to trap food particles and hair; Collect grease in cans rather than pouring it down the drain; pour a kettle of boiling water down the drain weekly to melt fat that may be building up in the drain.
- Baking Soda and Vinegar  
Put  $\frac{1}{2}$  cup baking soda and  $\frac{1}{2}$  cup white vinegar down your drain and cover the drain. Let set for a few minutes and then pour a kettle of boiling water down the drain to flush it.

#### Furniture Polish

- Olive Oil and Vinegar  
Mix 3 parts oil to 1 part vinegar. Apply and polish with a clean, soft cloth.
- Olive Oil and Lemon Juice  
Mix 2 parts oil and 1 part lemon juice. Apply and polish with a soft cloth.
- Water Spots  
To remove water marks on furniture, rub gently with toothpaste on a damp cloth.

## Lime and Mineral Deposits Remover

- Vinegar

Hard lime deposits around faucets can be softened for easy removal by covering the deposits with vinegar soaked paper towels. Leave the paper towels on for about an hour before cleaning. Makes chrome clean and shiny. To remove deposits which may be clogging metal showerheads, combine  $\frac{1}{2}$  cup white vinegar and 1 quart water. Completely submerge the showerhead and boil for 15 minutes. If you have a plastic showerhead, combine 1 pint white vinegar and 1 pint hot water. Completely submerge the showerhead and soak for about 1 hour.

## Pest Removal Alternatives

### Ants

- Flour and Borax\*

Mix 1 cup flour and 2 cups Borax in a quart jar. Punch holes in the jar lid and sprinkle contents around the house foundation. Keep Borax out of reach of children and pets.

- Pennyroyal\*, Spearmint, Southernwood and Tansey

Growing these plants around the border of your home will deter and the aphids they carry.

### Fleas

- Vacuum

Vacuum, remove the vacuum bag, seal it, and dispose of it immediately (outside your home).

- Vinegar

A ratio of 1 teaspoon to 1 quart of water (per 40lbs. of pet weight) in their drinking water helps keep your pet free of fleas and ticks.

### Roaches

- Boric Acid\*

Commercial roach formulas containing boric acid are available. Apply these according to directions for effective elimination of roaches.

- Borax\* and Flour

Mix  $\frac{1}{2}$  cups Borax and  $\frac{1}{4}$  cup flour and fill jar. Punch hole in jar lid and sprinkle contents along the baseboards and doorsills.

## Some Other Safer Alternatives

- . Aerosols-Use pump type or non-aerosol products.
- . Art Supplies-Purchase water-based paints or inks. They should not contain lead or toxic materials.
- . Batteries-Rechargeable batteries are a cost effective alternative to disposable batteries.
- . Chemical Fertilizers-Composting yard clippings and food scraps is an option. Manure (in measured amounts) is another alternative to chemical fertilizers.
- . Gasoline-Not driving at all is the best way to reduce gasoline use. Purchasing a super Efficient hybrid electric vehicle is the next best alternative. Carpooling, walking, bicycling, and public transportation are other viable options.
- . Motor Oil-Use refined motor oil. Doing so will spur the market for recycled motor oil and decrease reliance on new oil supplies.
- . Pesticides-Keeping homes and gardens tidy reduces the food supply for insect pests, averting the need for chemical pesticides.

**\*Ingredients marked with the asterisk (\*) are safer alternatives but not non-toxic. Keep these out of reach of children and pets, and exercise caution while while using them.**

Read more about safer alternatives to hazardous products at the [Environmental Health Coalition](#) website

This information brought to you by the City of Aztec Storm Water Management Team, City of Farmington Storm Water Team, San Juan County Storm Water Team and the US EPA. For more information call (505) 334-7663 and check out our website at [www.aztecnm.gov](http://www.aztecnm.gov).

To report spills, abandoned waste, clogged storm drains, any situation that may pollute storm drains, local waterways and beaches, request flood zone information and other storm water educational materials call the Storm Water Hotline at (505) 334-4560

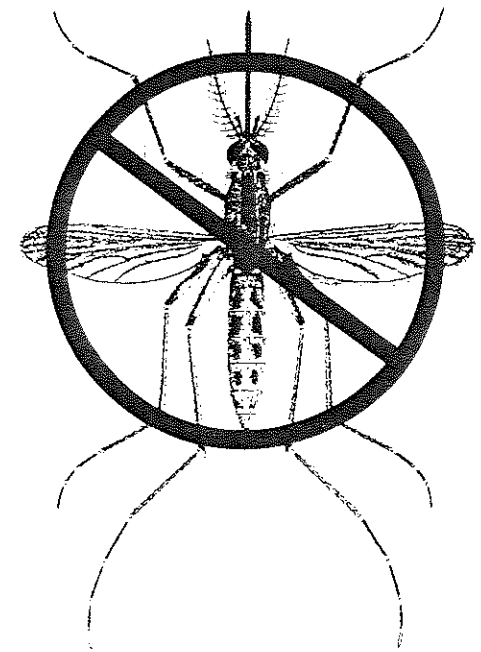
## Frequently asked questions

- Q. Are the chemicals used hazardous to my health?*
- A. The chemicals used to kill mosquitoes (adult or larvae) have been tested rigorously and are approved for use by the U.S. EPA and the NM DOA. Also the rate of adulticides used are applied at Ultra Low Volume.
- Q. How long does the mosquito spray last?*
- A. Adult mosquito sprays are effective for only 24 hours or less. Spraying does not prevent mosquitos from reentering the area.
- Q. Can I get the AIDS virus from mosquitoes?*
- A. Information provided by CDC. NM Department of Health and researches have shown no evidence the AIDS virus is transmitted by mosquitoes. Mosquitoes do not inject blood while feeding. Also if any HIV infected blood is consumed by the mosquito, it is digested and not passed on.
- Q. Do bug zappers work?*
- A. No. Zappers do a good job of ATTRACTING insects to your home. Once the mosquitoes are in your yard they are more attracted to the carbon dioxide exhaled by people and pets. The zapper actually ends up killing thousands of beneficial insects that don't bother people and very few mosquitoes. (Those tiny black specs that you never noticed in the tray are mostly parasitic wasps.)
- Q. What is B.T.I.? (Bacillus thuringiensis var. israelensis)*
- A. B.T.I. is a biological larvicide that kills only mosquito larvae (and blackfly larvae) when they feed on it.

VECTOR CONTROL DEPARTMENT

# MOSQUITO CONTROL

in San Juan County  
and the  
City of Farmington



San Juan County Vector Control  
334-6775  
City of Farmington  
599-1264

*"please don't feed the mosquitoes"*

## MOSQUITO FACTS

There are over 44 different kinds of mosquitoes in San Juan County

Only female mosquitoes bite and spread diseases.

She uses blood for reproduction.

One feeding can produce 200 mosquitoes.

Some species lay eggs on drying mud that can remain dormant for up to 5 years.

Mosquitoes have four distinct life cycles: egg, larvae, pupae and adult. The first three cycles occur in water.

Some can fly up to ten miles for a blood meal.

Some prefer feeding on livestock or animals.

Female mosquitoes can transmit diseases such as:

- Malaria
- Yellow Fever
- Encephalitis
- Dog Heart Worm
- Dengue

## WHAT YOU CAN DO!

Use insect repellent while outdoors

Properly screen windows and doors.

Remove weeds and brush that provide resting places for adult mosquitoes.

Burn Citronella candles to repel mosquitoes.

Grade or fill areas where water stands.

Remove standing water from places such as:

- Tires
- Pools
- Flower Pots
- Tin Cans ( a 1-lb coffee can will produce up to 800 mosquitoes.)

*or virtually anything that holds water.*

Change water in bird baths and small swimming pools every 4 days.

Control irrigation water and run off.

*Report problems to vector control technicians.*

## OTHER HELPFUL THINGS.

### Biological Control Methods

Bats (one bat can eat 600 mosquitoes per hour)

Swallows

Martins

Night Hawks

Dragonflies

Frogs and Toads



### For larvae control:

Stock Gambusia (mosquito fish) in ponds and decorative pools.

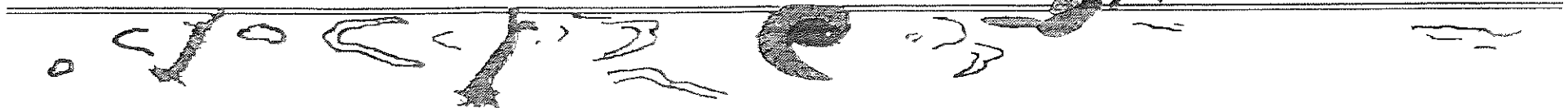
Mayflies

Tadpoles

Diving Beetles.

*These are natural predators of mosquitoes!*

*For more information call you local vector control department.*





**Fight the Bite!**



New Mexico Department of Health  
Office of Epidemiology  
1190 St. Francis Drive  
Santa Fe, NM 87502

## WEST NILE VIRUS, MOSQUITOES AND YOUR FAMILY



NEW MEXICO  
DEPARTMENT OF  
**HEALTH**

## IMPORTANT FACTS

### What is West Nile Virus (WNV)?

WNV is a virus that can cause disease in people, birds, horses and sometimes other animals. WNV is spread by mosquito bites.

### How do people get infected with WNV?

By being bitten by mosquitoes that are carrying the virus. Mosquitoes become infected by feeding on birds that have the virus in their blood. Once a mosquito is infected with the virus it can transmit the virus to humans, birds, horses or other animals through a bite.

### Can you get WNV directly from people, birds or other animals?

WNV is NOT spread from person-to-person by touching or kissing a person who is infected with the virus. There is no evidence that a person can get WNV by touching a dead bird or other animal. However, for general sanitary reasons you should wear gloves or use a shovel when handling any sick or dead animals.

### I've gotten a mosquito bite. Should I be tested for WNV?

No, only a small percent of mosquitoes carry WNV. See a doctor if you develop the symptoms below.

### What are the symptoms of WNV?

Most people bitten by an infected mosquito do not develop any symptoms. When symptoms do occur, they usually appear about 3 to 14 days after being bitten. The disease may be mild or serious. Mild illness includes fever, headache and body aches. In a small number of cases, particularly among the elderly, the disease can affect the central nervous system causing high fever, stiff neck, muscle weakness, disorientation, brain inflammation (encephalitis), coma and rarely, death.

### Is there a treatment for WNV?

There is no specific treatment for WNV. Most people with mild illness recover in a few days. In more severe cases, patients are treated with supportive therapy, which can include hospitalization, intravenous fluids and respiratory support.

For more information on West Nile Virus call the Office of Epidemiology at 505-827-0006

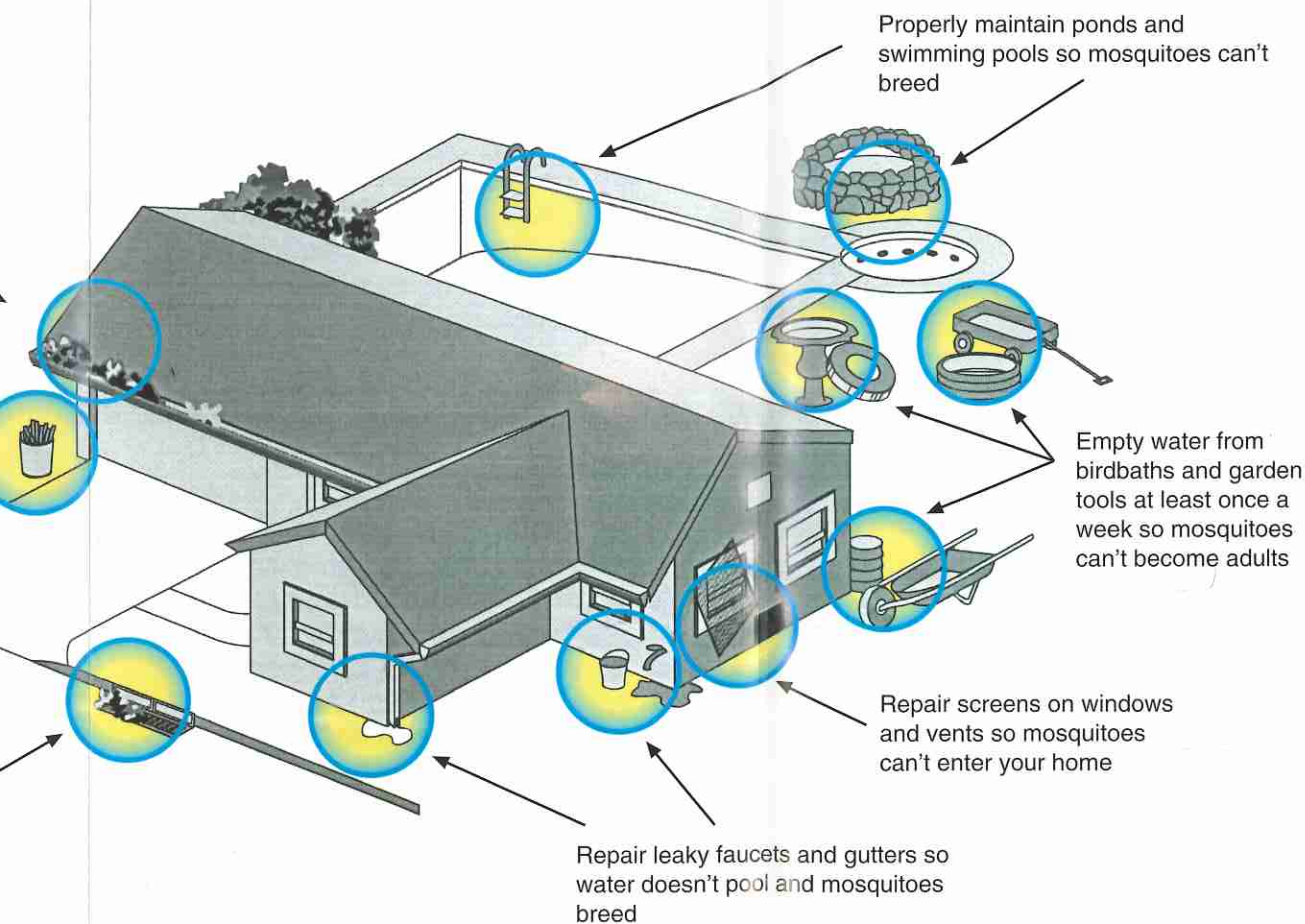
## TECT YOUR HOME, YOUR FAMILY, AND YOURSELF

and dusk when mosquitoes are most active. This is very important for the elderly and small

ants and long sleeves) and apply insect repellent when outside. Be sure to use insect  
o label directions.

ws have tight fitting screens that are in good repair so mosquitoes can't get inside.

ng by eliminating standing water around your home.



This house picture was originally created by the New York State Department of Health

## Using Insect Repellents Safely

For the longest lasting protection from mosquito bites, use insect repellent products with no more than 20-30 percent DEET for adults and less than 10 percent for children aged 2 years to 12 years.

If you choose not to use DEET, products containing soybean oil or eucalyptus oil have been found to be effective, but must be applied more often because they do not repel mosquitoes for as long as DEET\*.

In a recent study\*, products containing citronella or Skin-So-Soft® were NOT shown to be as effective, lasting on average about 20 minutes or less.

Only adults should apply repellent on children.

Only apply repellent to exposed skin and clothing. Do not use repellent under clothing.

Do not apply repellent over cuts, wounds, sunburn or irritated skin.

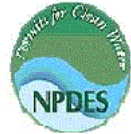
Spray repellent on your hands in order to apply it to your face. Don't apply repellent to your eyes or mouth.

Wash off repellent daily and reapply as needed.

\*New England Journal of Medicine, July 4, 2002



U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
 (NPDES)  
 PESTICIDE GENERAL PERMIT (PGP) FOR DISCHARGES  
 REPORT



**Electronic Submission Waiver (skip if submitting through EPA's eNOI system)**

- I hereby acknowledge my waiver request from the use of EPA's electronic Notice of Intent system (eNOI) because my use of eNOI will incur undue burden or expense over my use of this paper NOI form.
- The Decision-maker is physically located in a geographical area (i.e., ZIP code or census tract) that is identified as under-served for broadband Internet access in the most recent report from the Federal Communications Commission.
  - The Decision-maker has limitations regarding available computer access or computer capability

Name of EPA staff person who granted the waiver:

Date approval obtained:

**A. Notice of Intent Status**

Mark whether this is the first time you are requesting coverage under this General Permit or if this is a change of information for a discharge already covered under this General Permit. If this is a change of information, supply the NPDES permit tracking number for the discharge.

- Original NOI Submission  NOI Change of Information

(NPDES Permit Tracking #): NMG87B092

Status: Submitted to EPA

**B. Operator Information**

1. Operator Name: Armand Arellano

3. Operator Type (check one):

- Federal government
- State government
- Local government
- Mosquito control district (or similar)
- Irrigation control district (or similar)
- Weed control district (or similar)
- Other: If other, provide brief description of type of operator:

4. Are you a large entity as defined in Appendix A of the PGP? (check one):

- Yes  No

Please note: If you answer 'Yes' to question 4 you are required to develop a PDMP and submit an Annual Report reflecting all pesticide uses for which you are requesting permit coverage.

5. In what state are your pest management areas located? Please specify only one state per NOI: New Mexico

6. Mailing Address:

- a. Street: 305 S. Oliver
- b. City: Aztec c. State: New Mexico d. ZIP Code: 87410
- e. Telephone: 5053346775 f. Fax: 5053343645
- g. Contact Name: Armand Arellano
- h. E-mail: aarellano@sjcounty.net

**C. Operator Information: Complete Section C for each Pest Management Area for which coverage under EPA's Pesticide General Permit is desired. Copy this section for non-electronic submissions.**

Pest Management Area # 1 #of ## 1

1. Pest Management Area Name: Northern San Juan County

Provided a map of the location of the Pest Management Area for this use (attach map), or describe the location of the Pest Management Area in detail.

Northern San Juan County waters, including rivers, wetlands, holding ponds, catch basins, tributaries, drainage ditches, low areas, ground waters and other waters except finished drinking water, Navajo Lake, quality waters of the San Juan and Navajo Indian tribe lands.

2. Are any of your activities for which you are requesting coverage under this NOI occur on Indian Country?

Yes  No

If yes, identify the reservation or otherwise describe those areas:

3. Are any of your activities (in this pest management area) for which you are requesting coverage under this NOI considered 'federal facilities' as defined by the PGP?

Yes  No

4. Mailing address and contact information (or check here 0 if same as provided in Section B):

a. Street: 305 S. Oliver

b. City: Aztec

c. State: New Mexico

d. ZIP Code: 87410

e. Telephone: 5053346775

f. Fax: 5053343645

g. Contact Name: Armand Arellano

h. E-mail: aarellano@sjcounty.net

5. Pesticide Use Patterns to be included in this Pest Management Area (check all that apply):

Mosquitoes and Other Flying Insect Pests  Animal Pest Control  
 Weeds and Algae  Forest Canopy Pests

6. Receiving Waters (check one):

Coverage requested for all waters of the United States within the Pest Management Area identified above.  
 Coverage requested specifically for the following waters of the United States within the Pest Management Area identified above.  
 Coverage requested for all waters of the United States within the Pest Management Area identified above except for:

7. Tier 3 Waters

Is coverage requested for discharge to a Tier 3 (Outstanding National Resource Water) water of the United States?

Yes  No

If yes, answer 1) and 2):

1) Name of Tier 3 water(s):

2) Provide rationale for determination that pesticide discharge is necessary to protect water quality, the environment, and/or public health and that any such discharge will not degrade water quality or will degrade water quality only on a short-term or temporary basis:

8. Water Quality Impaired Waters

Operators are not eligible for coverage under this permit for any discharges from a pesticide application to Waters of the United States if the waters are identified as impaired by a substance which is either an active ingredient the pesticide designated for use or is a degradate of such an active ingredient. See Part 1.1.2.1 of the PGP.

Waters are NOT impaired by any substance which is either an active ingredient of a pesticide to be discharged or a degradate of such an active ingredient

Waters are on a current state list as being impaired by a substance which is either an active ingredient of a pesticide to be discharged or a degradate of such an active ingredient; however, evidence is attached documenting that the waters are no longer impaired.

**D. Endangered Species Protection: Complete Section D for each Pest Management Area for which coverage under EPA's Pesticide General Permit is desired. Copy this section for non-electronic submissions.**

1. Federally Listed Threatened or Endangered Species (i.e., Species) and/or Federally Designated Critical Habitat

A. Pesticide application activities will not result in a point source discharge to any receiving water identified in Appendix XXX as containing NMFS-listed resources of concern for this permit.

- B. Pesticide application activities for which permit coverage is being requested will discharge to one or more receiving waters containing NMFS-listed resources of concern, but consultation with NMFS under section 7 of the ESA has been concluded for pesticide application activities covered under this permit. Consultations can be either formal or informal, and would have occurred only as a result of a separate federal action. The consultation addressed the effects of pesticide discharges and discharge-related activities on federally-listed threatened or endangered species and federally-designated critical habitat, and must have resulted in either:
  - i. A biological opinion finding no jeopardy to federally-listed species or destruction/adverse modification of federally-designated critical habitat; or
  - ii. Written concurrence from NMFS with a finding that the pesticide discharges and discharge-related activities are not likely to adversely affect federally-listed species or federally-designated critical habitat.
- C. Pesticide application activities for which permit coverage is being requested will discharge to one or more receiving waters containing NMFS-listed resources of concern, but pesticide application activities are authorized through the issuance of a permit under section 10 of the ESA, and authorization addresses the effects of the pesticide discharges and discharge-related activities on federally-listed species and federally-designated critical habitat.
- D. Pesticide application activities were, or will be, performed in areas with NMFS-listed resources but only in response to a declared pest emergency situation.
- E. Pesticide application activities for which permit coverage is being requested will discharge to one or more receiving waters containing NMFS-listed resources of concern. Eligible discharges include those from pesticide application activities performed consistent with appropriate measures to avoid or eliminate the likelihood of adverse effects as provided in writing from NMFS, and the Operator provides EPA with the required relevant supporting information from NMFS.
- F. Pesticide application activities for which permit coverage is being requested will discharge to one or more receiving waters containing NMFS-listed resources of concern. Eligible discharges include those from pesticide application activities that are demonstrated not likely to adversely affect federally-listed species or their designated critical habitat.

## E. Certification

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 gather and evaluate the information submitted. On the basis of 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. I further certify that the applicant has sufficient title, right, or interest in the property where the proposed activity occurs.

Printed Name: Fran Fillerup

Title: Public Works Administrator

E-Mail: ffillerup@sjcounty.net

Signature/Responsible Official: Fran Fillerup

Date: 11/07/2016

NOI Preparer (Complete if NOI was prepared by someone other than the certifier)

Prepared by: Armand A Arellano

Organization: SAN JUAN COUNTY

Phone: (505) 334-6775

Date: 11/02/2016

E-Mail: aarellano@sjcounty.net



**C. Pest Management Area(s) (use additional pages for each Pest Management Area)**

Pest Management Area # 1 of ## 1

1. Have any discharges from pest control activities occurred in this calendar year?

- a.  No discharge from pest control activities this calendar year. Note: Checking this box completes Section C if you had no discharge from pest control activities this year. Proceed to section D.
- b.  Yes. Proceed to question 2.

For each treatment area (use additional pages for each treatment area):

2. Indicate the pesticide use pattern for the Pest Management Area:

- a.  Mosquito and Other Flying Insect Pest Control
- b.  Weed and Algae Pest Control
- c.  Animal Pest Control
- d.  Forest Canopy Pest Control

3. Description of treatment area:

a. Provide a description of the treatment area within this Pest Management Area, including location description:

**Cedar Hill, Flora Vista, SSRR; Northern San Juan County Cedar Hill, Flora Vista, South side river road.**

b. Size of treatment area (in acres or linear feet): 31360 acres or \_\_\_\_\_ linear feet.

c. Name or location of any Waters of the United States to which discharges occurred:

**Animas River**

d. Target Pest(s): Mosquito and other flying insects

e. Did any pesticide application activities result in a discharge to Waters of the United States containing NMFS Listed Resources of Concern as defined in Appendix A of the permit?

- Yes  No If yes, approximate date(s) of any discharges: \_\_\_\_\_

4. Name and contact information for pesticide applicator(s) (or check here if same as provided in Section A):

Company Name: S a n J u a n C o u n t y P u b l i c W o r k s / C

Street: 3 0 5 S . O l i v e r

City: A z t e c State: N M Zip Code: 8 7 4 1 0 -

Contact Name: C a t h y B a a d e Title: S u p e r v i s o r

Phone: 5 0 5 - 3 3 4 - 6 7 7 5 Ext \_\_\_\_\_

E-mail: c b a a d e @ s j c o u n t y . n e t

5. Was this pest control activity addressed in your Pesticide Discharge Monitoring Plan (PDMP) before pesticide application:  Yes  No  Not Applicable

6. Enter the total amount of each pesticide product applied for the reporting year by the product name, EPA Registration Number(s) and by application method. Circle if quantity indicated is in lbs or gallons. Add additional pages if necessary.



Name and contact information for pesticide applicator(s) (or check here if same as provided in Section A):

Company Name: San Juan County  
 Street: 305 S. Oliver  
 City: Aztec State: NM Zip Code: 87410  
 Contact Name: Jeremiah Martinez Title: Laborer  
 Phone: 505-334-6775 Ext \_\_\_\_\_  
 E-mail: aarellano@sjcounty.net

Name and contact information for pesticide applicator(s) (or check here if same as provided in Section A):

Company Name: San Juan County  
 Street: 305 S. Oliver  
 City: Aztec State: NM Zip Code: 87410  
 Contact Name: Racheal Perez Title: Laborer  
 Phone: 505-334-6775 Ext \_\_\_\_\_  
 E-mail: aarellano@sjcounty.net

Name and contact information for pesticide applicator(s) (or check here if same as provided in Section A):

Company Name: San Juan County  
 Street: 305 S. Oliver  
 City: Aztec State: NM Zip Code: 87410  
 Contact Name: Victoria Burke Title: Laborer  
 Phone: 505-334-6775 Ext \_\_\_\_\_  
 E-mail: aarellano@sjcounty.net

Product Name Aquabac  
62637-41

Quantity Applied (lbs or gallons of product): \_\_\_\_\_

Application method:

- a.  Aerially by fixed-wing \_\_\_\_\_
- b.  Aerially by rotary aircraft \_\_\_\_\_
- c.  Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) 0.9 gal
- d.  Aquatic vehicle mounted sprayer \_\_\_\_\_
- e.  Direct mixture (includes metering, subsurface applications) \_\_\_\_\_
- f.  Chemigation \_\_\_\_\_
- g.  Other (specify): \_\_\_\_\_

Product Name Kontrol 30-30  
73748-5

Quantity Applied (lbs or gallons of product): \_\_\_\_\_

Application method:

- a.  Aerially by fixed-wing \_\_\_\_\_
- b.  Aerially by rotary aircraft \_\_\_\_\_
- c.  Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) 16.53 gal
- d.  Aquatic vehicle mounted sprayer \_\_\_\_\_
- e.  Direct mixture (includes metering, subsurface applications) \_\_\_\_\_
- f.  Chemigation \_\_\_\_\_
- g.  Other (specify): \_\_\_\_\_

Product Name <u>Envirotech ULV Diluent Oil</u> 8042-47-5 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>205.59 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____	Product Name <u>Fyfanon</u> 67760-34 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>63.64 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____
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Product Name <u>Kontrol Mosquito Larvicide</u> 73748-10 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>40 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____	Product Name <u>Vectolex WDG</u> 73049-57 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>1.87 lbs</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____
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Product Name <u>Biomist 30-30</u> 8329-42 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>17.62 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____	Product Name <u>Permanone 30-30</u> 432-1235 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>6.92 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____
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Product Name <u>Spheratax SPH (50 G) WSP</u> 84268-2 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input checked="" type="checkbox"/> Other (specify): <u>10 gram packets</u> <u>305</u> briquettes	Product Name _____ _____ Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____
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**C. Pest Management Area(s) (use additional pages for each Pest Management Area)**

Pest Management Area # 1 of ## 1

1. Have any discharges from pest control activities occurred in this calendar year?

- a.  No discharge from pest control activities this calendar year. Note: Checking this box completes Section C if you had no discharge from pest control activities this year. Proceed to section D.
- b.  Yes. Proceed to question 2.

For each treatment area (use additional pages for each treatment area):

2. Indicate the pesticide use pattern for the Pest Management Area:

- a.  Mosquito and Other Flying Insect Pest Control
- b.  Weed and Algae Pest Control
- c.  Animal Pest Control
- d.  Forest Canopy Pest Control

3. Description of treatment area:

a. Provide a description of the treatment area within this Pest Management Area, including location description:

**Blanco, Sullivan, West Hammond; Northern San Juan County treatment area Blanco, Sullivan and West Hammond**

b. Size of treatment area (in acres or linear feet): 26240 acres or \_\_\_\_\_ linear feet.

c. Name or location of any Waters of the United States to which discharges occurred:

**San Juan River except quality waters of the San Juan**

d. Target Pest(s): Mosquitoes and other flying insect pests

e. Did any pesticide application activities result in a discharge to Waters of the United States containing NMFS Listed Resources of Concern as defined in Appendix A of the permit?

Yes  No If yes, approximate date(s) of any discharges: \_\_\_\_\_

4. Name and contact information for pesticide applicator(s) (or check here if same as provided in Section A):

Company Name: S a n J u a n C o u n t y

Street: 3 0 5 S , O l i v e r

City: A z t e c State: N M Zip Code: 8 7 4 1 0 -

Contact Name: J e r e m i a h M a r t i n e z Title: L a b o r e r

Phone: 5 0 5 - 3 3 4 - 6 7 7 5 Ext \_\_\_\_\_

E-mail: a a r e l l a n o @ s j c o u n t y . n e t

5. Was this pest control activity addressed in your Pesticide Discharge Monitoring Plan (PDMP) before pesticide application:  Yes  No  Not Applicable

6. Enter the total amount of each pesticide product applied for the reporting year by the product name, EPA Registration Number(s) and by application method. Circle if quantity indicated is in lbs or gallons. Add additional pages if necessary.

Name and contact information for pesticide applicator(s) (or check here if same as provided in Section A):

Company Name: San Juan County

Street: 305 S. Oliver

City: Aztec State: NM Zip Code: 87410

Contact Name: Cathy Baade Title: Supervisor

Phone: 505-334-6775 Ext

E-mail: cbaade@sjcounty.net

Product Name <u>Aquabac</u> <u>62637-41</u> Quantity Applied (lbs or gallons of product): _____ Application method: a. <input type="checkbox"/> Aerially by fixed-wing _____ b. <input type="checkbox"/> Aerially by rotary aircraft _____ c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>0.99 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer _____ e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) _____ f. <input type="checkbox"/> Chemigation _____ g. <input type="checkbox"/> Other (specify): _____	Product Name <u>Biomist 30-30</u> <u>4329-42</u> Quantity Applied (lbs or gallons of product): _____ Application method: a. <input type="checkbox"/> Aerially by fixed-wing _____ b. <input type="checkbox"/> Aerially by rotary aircraft _____ c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>20.3 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer _____ e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) _____ f. <input type="checkbox"/> Chemigation _____ g. <input type="checkbox"/> Other (specify): _____
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Product Name <u>Fyfanon</u> <u>67760-34</u> Quantity Applied (lbs or gallons of product): _____ Application method: a. <input type="checkbox"/> Aerially by fixed-wing _____ b. <input type="checkbox"/> Aerially by rotary aircraft _____ c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>33.3 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer _____ e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) _____ f. <input type="checkbox"/> Chemigation _____ g. <input type="checkbox"/> Other (specify): _____	Product Name <u>Prmanone 30-30</u> <u>432-1235</u> Quantity Applied (lbs or gallons of product): _____ Application method: a. <input type="checkbox"/> Aerially by fixed-wing _____ b. <input type="checkbox"/> Aerially by rotary aircraft _____ c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>7 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer _____ e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) _____ f. <input type="checkbox"/> Chemigation _____ g. <input type="checkbox"/> Other (specify): _____
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Product Name <u>Kontrol 30-30</u> <u>73748-5</u> Quantity Applied (lbs or gallons of product): _____ Application method: a. <input type="checkbox"/> Aerially by fixed-wing _____ b. <input type="checkbox"/> Aerially by rotary aircraft _____ c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>14.18 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer _____ e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) _____ f. <input type="checkbox"/> Chemigation _____ g. <input type="checkbox"/> Other (specify): _____	Product Name <u>Envirotech ULV Diluent Oil</u> <u>8042-47-5</u> Quantity Applied (lbs or gallons of product): _____ Application method: a. <input type="checkbox"/> Aerially by fixed-wing _____ b. <input type="checkbox"/> Aerially by rotary aircraft _____ c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>192.51 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer _____ e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) _____ f. <input type="checkbox"/> Chemigation _____ g. <input type="checkbox"/> Other (specify): _____
---	---

**C. Pest Management Area(s) (use additional pages for each Pest Management Area)**

Pest Management Area # 1 of ## 1

1. Have any discharges from pest control activities occurred in this calendar year?

- a.  No discharge from pest control activities this calendar year. Note: Checking this box completes Section C if you had no discharge from pest control activities this year. Proceed to section D.
- b.  Yes. Proceed to question 2.

For each treatment area (use additional pages for each treatment area):

2. Indicate the pesticide use pattern for the Pest Management Area:

- a.  Mosquito and Other Flying Insect Pest Control
- b.  Weed and Algae Pest Control
- c.  Animal Pest Control
- d.  Forest Canopy Pest Control

3. Description of treatment area:

a. Provide a description of the treatment area within this Pest Management Area, including location description:

**Kirtland, La Plata, U.S. 64; Northern San Juan County, Kirtland, La Plata and U.S. 64 areas within Northern San Juan County**

b. Size of treatment area (in acres or linear feet): 24360 acres or \_\_\_\_\_ linear feet.

c. Name or location of any Waters of the United States to which discharges occurred:

**San Juan River and La Plata River**

d. Target Pest(s): Mosquitoes and other flying insects.

e. Did any pesticide application activities result in a discharge to Waters of the United States containing NMFS Listed Resources of Concern as defined in Appendix A of the permit?

- Yes
  - No
- If yes, approximate date(s) of any discharges: \_\_\_\_\_

4. Name and contact information for pesticide applicator(s) (or check here if same as provided in Section A):

Company Name: S a n J u a n C o u n t y

Street: 3 0 5 S . O l i v e r

City: A z t e c State: N M Zip Code: 8 7 4 1 0 -

Contact Name: V i c t o r i a B u r k e Title: L a b o r e r

Phone: 5 0 5 - 3 3 4 - 6 7 7 5 Ext \_\_\_\_\_

E-mail: a a r e l l a n o @ s j c o u n t y . n e t

5. Was this pest control activity addressed in your Pesticide Discharge Monitoring Plan (PDMP) before pesticide application:  Yes  No  Not Applicable

6. Enter the total amount of each pesticide product applied for the reporting year by the product name, EPA Registration Number(s) and by application method. Circle if quantity indicated is in lbs or gallons. Add additional pages if necessary.

Name and contact information for pesticide applicator(s) (or check here if same as provided in Section A):

Company Name: San Juan County  
 Street: 305 S. Oliver  
 City: Aztec State: NM Zip Code: 87410  
 Contact Name: Armand Arellano Title: Vector Control Forem  
 Phone: 505-334-6775 Ext \_\_\_\_\_  
 E-mail: aarellano@sjcounty.net

Name and contact information for pesticide applicator(s) (or check here if same as provided in Section A):

Company Name: San Juan County  
 Street: 305 S. Oliver  
 City: Aztec State: NM Zip Code: 87410  
 Contact Name: Racheal Perez Title: Laborer  
 Phone: 505-334-6775 Ext \_\_\_\_\_  
 E-mail: aarellano@sjcounty.net

Name and contact information for pesticide applicator(s) (or check here if same as provided in Section A):

Company Name: San Juan County  
 Street: 305 S. Oliver  
 City: Aztec State: NM Zip Code: 87410  
 Contact Name: Cathy Baade Title: Supervisor  
 Phone: 505-334-6775 Ext \_\_\_\_\_  
 E-mail: aarellano@sjcounty.net

Product Name Kontrol 30-30

73748-5

Quantity Applied (lbs or gallons of product):

8.98 gal

Application method:

- a.  Aerially by fixed-wing \_\_\_\_\_
- b.  Aerially by rotary aircraft \_\_\_\_\_
- c.  Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) \_\_\_\_\_
- d.  Aquatic vehicle mounted sprayer \_\_\_\_\_
- e.  Direct mixture (includes metering, subsurface applications) \_\_\_\_\_
- f.  Chemigation \_\_\_\_\_
- g.  Other (specify): \_\_\_\_\_

Product Name Vectolex WDG

73049-57

Quantity Applied (lbs or gallons of product):

0.1875 lbs

Application method:

- a.  Aerially by fixed-wing \_\_\_\_\_
- b.  Aerially by rotary aircraft \_\_\_\_\_
- c.  Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) \_\_\_\_\_
- d.  Aquatic vehicle mounted sprayer \_\_\_\_\_
- e.  Direct mixture (includes metering, subsurface applications) \_\_\_\_\_
- f.  Chemigation \_\_\_\_\_
- g.  Other (specify): \_\_\_\_\_

Product Name <u>Kontrol Mosquito Larvicide</u> 73748-10 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>38 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____	Product Name <u>Spheratax</u> 84268-2 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input checked="" type="checkbox"/> Other (specify): <u>10 gram packets</u> <u>382</u> briquettes
--	---

Product Name <u>Envirotech ULV Diluent Oil</u> 8042-47-5 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>121.08 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____	Product Name <u>Aquabac</u> 62637-1 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>1.45 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____
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Product Name <u>Biomist 30-30</u> 8329-42 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>4.4 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____	Product Name <u>Permanone 30-30</u> 432-1235 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>14.02 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____
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Product Name <u>Fyfanon</u> 67760-34 Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input checked="" type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) <u>44.96 gal</u> d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____	Product Name _____ _____ Quantity Applied (lbs or gallons of product): Application method: a. <input type="checkbox"/> Aerially by fixed-wing b. <input type="checkbox"/> Aerially by rotary aircraft c. <input type="checkbox"/> Land-based sprayer (includes backpack, land vehicle mounted sprayers, high pressure canopy sprayer) d. <input type="checkbox"/> Aquatic vehicle mounted sprayer e. <input type="checkbox"/> Direct mixture (includes metering, subsurface applications) f. <input type="checkbox"/> Chemigation g. <input type="checkbox"/> Other (specify): _____
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**D. Certification**

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. On the basis of 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.

Printed Name: F r a n F i l l e r u p

Title: P u b l i c W o r k s A d m i n i s t r a t o r

E-Mail: f f i l l e r u p @ s j c o u n t y . n e t

Signature/Responsible Official: F r a n F i l l e r u p Date: 1 1 / 0 7 / 2 0 1 6

**Annual Report Preparer (Complete if the Annual Report was prepared by someone other than the certifier)**

Preparer Name: C a t h e r i n e A B a a d e

Organization: S a n J u a n C o u n t y

Phone: 5 0 5 - 3 3 4 - 6 7 5 5 Ext \_\_\_\_\_ Date:     /     /    

E-Mail: c b a a d e @ s j c o u n t y . n e t



4. Provide the company name(s), mailing address, a contact person, contact person's title, telephone number and e-mail address for the pesticide applicator(s). If the information is the same as Section A, check the appropriate box and proceed to the next question.
5. Indicate if the pest control activity was addressed in your PDMP before pesticide application.
6. Enter the total amount of each pesticide product applied for the reporting year by the product name, EPA Registration Number(s) and by application method. Circle whether the quantity applied is in pounds or gallons. Copy and attach additional pages, as necessary.

#### Section D. Certification

Enter the certifier's printed name and title. Sign and date the form. For more information about the certification statement and signature, see Appendix B of the permit. (CAUTION: An unsigned or undated form will not be accepted.) Federal statutes provide for severe penalties for submitting false information. Federal regulations require this application to be signed as follows:

*For a corporation:* by a responsible corporate officer, means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated activity including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

*For a partnership or sole proprietorship:* by a general partner or the proprietor; or

*For a municipal, state, Federal, or other public facility:* by either a principal executive or ranking elected official.

If the Annual Report was prepared by someone other than the certifier (for example, if the Annual Report was prepared by the PDMP contact or a consultant for the certifier's signature), include the name, organization, phone number and e-mail address of the Annual Report preparer.

#### Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of information is estimated to average 8 hours or 480 minutes per response.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed Annual Reporting Form to this address.

## APPENDIX B




SAN JUAN COUNTY  
SOLID WASTE

MEMORANDUM

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TO: Nick Porell, Deputy Public Works Administrator

FROM: Rusty Smith, Solid Waste Manager 

DATE: Thursday, March 30, 2017

RE: Trash cleanup Fiscal Year 2015/2016

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During FY 15/16, the inmate worker crews picked up approximately 102 tons of trash from the roads and nearby dump- sites in San Juan County and took to the regional landfill.

This involved approximately 7400 man-hours of County employees and inmate workers from the Adult Detention Center.

## **San Juan Basin Stormwater MS4 Advisory Group**

### **MEMORANDUM OF AGREEMENT**

#### **A COOPERATIVE AGREEMENT, CREATING THE SAN JUAN BASIN MS4 ADVISORY GROUP, IN SUPPORT OF COMPLIANCE EFFORTS FOR A STORMWATER DISCHARGE PERMITTING SYSTEM FOR THE SAN JUAN BASIN IN ACCORDANCE WITH THE FEDERAL CLEAN WATER ACT.**

**WHEREAS**, the United States Environmental Protection Agency (EPA), Region 6 regulates the discharge of stormwater from municipal separate storm sewer systems (MS4s) in New Mexico through the issuance of an MS4 permit for the San Juan Basin urbanized area under the authority of the National Pollutant Discharge Elimination System (NPDES) regulations (40CFR122); and

**WHEREAS**, the San Juan Basin area is comprised of many diverse local, state, federal and tribal entities, each with separate and distinct authority and responsibilities; and

**WHEREAS**, the San Juan Basin area entities potentially eligible for authorization under the proposed NPDES General Permit No. NMR04A000 (hereinafter "MS4 Permit"), and therefore are eligible to enter into this Memorandum of Agreement (hereinafter "Agreement") in furtherance of the requirements of the MS4 Permit, are the City of Aztec, City of Bloomfield, City of Farmington, San Juan County; and

**WHEREAS**, the proposed MS4 Permit encourages cooperative efforts among separate local, state, federal and Tribal governments to reduce the amount of pollutants discharged with stormwater from the San Juan Basin urbanized area MS4s; and

**WHEREAS**, continued cooperation among the Stormwater Management Entities in the MS4 Permit offers an enhanced opportunity for each entity to remain aware of the requirements in the MS4 Permit and facilitate compliance with conditions of the permit;

#### **NOW, THEREFORE, BE IT AGREED THAT:**

1. The signatories to this Agreement (hereinafter collectively referred to as "Parties" and individually referred to as "Party") support and encourage a cooperative commitment to assist one another with issues regarding compliance with the MS4 Permit and agree to form the San Juan Basin MS4 Advisory Group (MS4AG).

**SAN JUAN BASIN STORMWATER  
MS4 ADVISORY GROUP**

**05-5-16**

2. The purpose of the MS4AG will be to exchange information regarding compliance with the MS4 Permit, exchange ideas among Parties regarding compliance efforts, and exchange information regarding illicit discharges detected within each Party's jurisdiction. The MS4AG shall have no binding financial authority and shall be strictly advisory in nature.

3. Nothing in this Agreement shall be construed as obligating a Party to this agreement to expend funds for any purpose, and no Party shall be required to contribute any funds in order to participate in this Agreement. In the event the Parties determine that any joint expenditure of funds among multiple Parties becomes necessary in order to comply with the requirements of the MS4 Permit, a separate agreement shall be entered into between the affected Parties regarding any and all such expenditures at that time.

4. The term of this Agreement shall run from the date the MS4 Permit is issued by the EPA until the date the MS4 Permit is terminated or expires, whichever occurs first. This Agreement may be terminated in its entirety at any time upon the mutual agreement of all of the then-existing Parties to this Agreement. In the event any Party wishes to withdraw from this Agreement without terminating the other Parties' interests in this Agreement, withdrawal shall become effective upon ninety (90) days prior written notice to the other Parties. Withdrawal shall fully and completely terminate that Party's interest in and obligations under this Agreement. Following any Party's withdrawal, this Agreement shall continue in full force and effect as to all remaining Parties to the extent possible.

5. This Agreement does not address the "Public Education and Outreach" or "Cooperative Sampling" sections of the MS4 Permit. Any MS4AG efforts regarding either of these sections of the MS4 Permit under this Agreement shall be strictly in furtherance of the spirit of cooperation intended among the Parties. Each Party acknowledges its obligations under the "Public Education and Outreach" and "Cooperative Sampling" sections of the MS4 Permit are separate and apart from its activities under this Agreement, and a separate agreement will be required for any collaboration among the Parties with respect to those permit requirements.

6. The Parties will appoint a Coordinator from among the Parties, which must be from a Party located within the San Juan County geographical area. Appointment of a Coordinator shall be by majority vote of the voting Parties. The Coordinator must be appointed annually in each subsequent permit year, or earlier if the position becomes vacant for any reason. The Coordinator will be expected to coordinate the Parties' efforts under this Agreement, including facilitating meetings of the MS4TAG at least monthly for the first year of the MS4 Permit. In years two through five of the permit, the frequency of meetings may be reduced to quarterly with additional meetings called as necessary to discuss issues regarding MS4 Permit compliance.

7. Each Party shall be entitled to one (1) vote on any action items.

8. This Agreement creates no obligations on behalf of any Party to any other Party to this Agreement, including for any requirements imposed or determinations made by EPA.

**SAN JUAN BASIN STORMWATER  
MS4 ADVISORY GROUP**

**05-5-16**

The Parties acknowledge and agree that each shall at all times remain individually liable for full compliance with the requirements of the MS4 Permit, including EPA's determination regarding the implementation schedule.

9. This Agreement may be modified in writing at any time upon the mutual agreement of the Parties.

10. Parties can be added at any time during the life of this Agreement. A potential future Party's submittal of a signature page to the Coordinator and approval by the Coordinator shall add the Party to the Agreement.

**SAN JUAN BASIN STORMWATER  
MS4 ADVISORY GROUP**

**05-5-16**

**City of Aztec**

Approved as to Form:

  
Larry Thrower, City Attorney

Approved By:

  
Joshua Ray, City Manager

**SAN JUAN BASIN STORMWATER  
MS4 ADVISORY GROUP  
FINAL**

**03-26-16**

**City of Bloomfield**

Approved as to Form:

  
Ryan Lane, City Attorney

Approved By:

  
Eric Strahl, City Manager

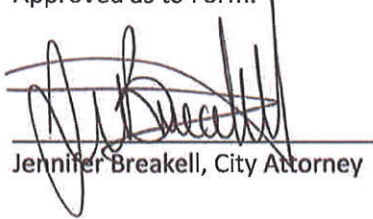


**SAN JUAN BASIN STORMWATER  
MS4 ADVISORY GROUP**

**05-5-16**

**City of Farmington**

Approved as to Form:



\_\_\_\_\_

Jennifer Breakell, City Attorney

Approved By:



\_\_\_\_\_

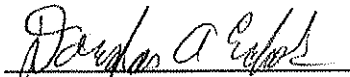
Rob Mayes, City Manager

**SAN JUAN BASIN STORMWATER  
MS4 ADVISORY GROUP**

**05-5-16**

**San Juan County**

Approved as to Form:

  
\_\_\_\_\_  
Doug Echols, County Attorney

Approved By:

  
\_\_\_\_\_  
Kim Carpenter, County Executive Officer

**From:** Fillerup.Fran  
**To:** [Elizabeth McNally](#)  
**Cc:** [Porell Nick](#); [Laurie Martinez](#)  
**Subject:** Dates of MS4 related meetings  
**Date:** Thursday, March 30, 2017 9:38:55 AM

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Beth,

For inclusion in the MS4 Annual Report, the dates I have for meetings San Juan County has attended are below. I'm sure some of this is duplication from what Laurie shared. Thanks for your help.

San Juan Basin MS4 Cooperation

6-23-16

7-28-16

8-25-16

9-22-16

10-27-16

12-15-16

1-19-17

2-23-17

3-23-17

Also, we attended

4-27-16 – Statewide sMS4 Summit, at NMDOT District 3 in Albuquerque, a training and information sharing session with sMS4's, and the Middle Rio Grande MS4 on various topics including cooperation.

7-14-16 – MS4 Statewide Workshop, at NMED offices in Albuquerque, a training by NMED and US EPA on MS4 permit requirements and the draft permit.

Fran Fillerup - AICP  
Administrator  
Public Works  
Phone: (505) 334-7864  
Cell: (505) 419-2097  
[ffillerup@sjcounty.net](mailto:ffillerup@sjcounty.net)



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## APPENDIX C

# Storm Water Monitoring Form

## Wet Weather and Sampling

\*\*\*To be completed quarterly & filed with SWPPP

Animas Environmental Services, LLC

<http://www.animasenvironmental.com>

Tel. (505) 564-2281 Fax (505) 324-2022

Project: Storm Water Quarterly Monitoring  
 Client: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Inspector: \_\_\_\_\_  
 Inspector's Title: \_\_\_\_\_

Project No.: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Weather: \_\_\_\_\_  
 Air Temperature: \_\_\_\_\_  
 Amount of Rainfall (in): \_\_\_\_\_

OUTFALL Location:	Condition	Storm Water Accumulation? (Y/N)	Recent Spill (Y/N)	Notes & Actions Taken

1. Is there visible standing water at outfall location? If no, go to next question.

Check all that apply:

- Colored Water
- Murky
- Stains
- Odor
- Floating Objects
- Notable Difference in Plant Life
- Oily Sheen
- Sludge Present
- Clear Water
- Suds

Comments/Notes: \_\_\_\_\_

2. If no visible standing water at outfall location, check all that apply:

- Sludge Present
- Notable Difference in Plant Life
- Stains

Comments/Notes: \_\_\_\_\_

3. Describe any storm water flows and estimate flow rate:

4. Describe storm water samples collected, if any:

5. Describe any corrective actions to be taken:

6. Additional Notes and Water Quality Data:

Temp:                      DO:                      pH:                      Cond:                      ORP:

7. Next Inspection Scheduled for: