



THE UNIVERSITY of
NEW MEXICO

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March 23, 2015

U.S. EPA, Region 6
Compliance Assurance and Enforcement Division
Water Enforcement Branch (6EN-WC)
1445 Ross Avenue
Dallas, Texas 75202-2733

RE: UNM 2014 Annual Report - Albuquerque MS4 Permit USEPA NPDES No. NMS000101

Enclosed is the University of New Mexico (UNM) 2014 Annual Report and supporting documentation for compliance with the annual reporting requirements of MS4 Permit USEPA NPDES No. NMS000101 of which UNM is a co-permittee.

This report is part of the 2014 system-wide Annual Report being submitted by all of the co-permittees of the above mentioned MS4 Permit by the City of Albuquerque to the EPA.

As required in **Part III.H** of the permit, the Annual Report details UNM's progress to date in complying with the permit requirements and implementing the SWMP. In conjunction with the Annual Report, the SWMP has been reviewed and revised to improve its effectiveness and clarity. UNM will submit an updated SWMP to EPA as part of its NOI under the newly issued Middle Rio Grande Basin Watershed-based MS4 permit (NMR04A000).

The information provided in this submittal meets UNM's annual reporting responsibility for the Albuquerque Municipal Separate Storm Sewer System Permit USEPA NPDES No. NMS000101. If you have any questions or need additional information, please contact Chemanji Shu-Nyamboli, Environmental Health Manager, SRS at 505 277-276

Sincerely,

David W. Harris
EVP for Administration, COO & CFO
University of New Mexico

Attachments:

Certification Statement

University of New Mexico 2014 Annual Report



THE UNIVERSITY *of*
NEW MEXICO

CERTIFICATION LETTER

I, the undersigned, 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.

David W. Harris

Executive Vice President for Administration, COO, CFO
University of New Mexico

University of New Mexico
2014 ANNUAL REPORT
For NPDES Permit # NMS000101
April 1, 2015

INTRODUCTION

The University of New Mexico (UNM) and its three storm water partners were issued their first NPDES Municipal Separate Storm Sewer System (MS4) permit on December 1, 2003. The other partners are the City of Albuquerque (CABQ), the Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA) and the New Mexico Department of Transportation (NMDOT). That permit expired in November 2008 and was extended administratively by the Environmental Protection Agency (EPA) until EPA issued a renewal permit on January 31, 2012 which became effective March 1, 2012.

Each of the four MS4 partners is preparing an individual Annual Report for the current permit NMS000101. This document is the Annual Report for UNM and has been prepared in accordance with the permit Part III; H. This UNM Annual Report will be included with the system-wide Annual Report being compiled by the CABQ for submittal to the EPA.

EXPIRATION DATE

The current MS4 permit is scheduled to expire the earlier of ninety days following the effective date of a watershed-based permit for the regulated Middle Rio Grande MS4s in the Albuquerque area or at midnight on February 28, 2017.

LEGAL AUTHORITY

UNM has the legal authority to set and enforce policy regarding discharges to its storm drainage system.

SHARED RESPONSIBILITY

The Albuquerque MS4 partners have prepared a Memorandum of Understanding (MOU) that defines the various responsibilities that each partner has to the other. Generally, the responsibility for implementation of storm water controls is based on property ownership. For example, UNM is responsible for storm water controls on its campus, but not outside of its campus. AMAFCA and CABQ share a common responsibility for the operation of the flood control and storm water quality system as their areas of responsibility have large areas of overlap. The Albuquerque MS4 is mapped with AMAFCA and CABQ having primary responsibility of different channels and arroyos.

UNM does not discharge directly into the Rio Grande River. Rather storm water runoff from the

Albuquerque UNM Campuses discharges into CABQ and AMAFCA storm drain systems. Additionally, UNM has recently began to develop land west of University Blvd. NE, north of Lomas Blvd. NE, west of Interstate 40 and south of Indian School Road NE (a.k.a. "Lands West"). The outfall for Lands West is the Odelia Pond, a storm water detention facility owned, operated and maintained by CABQ.

MEASURABLE GOALS AND SWMP REVIEW

The UNM SWMP includes measurable goals as stated in Part I.C.5 "Control Measures" including interim milestones indicating the months and years when certain actions will take place. This Annual Report provides information regarding the progress to date for the SWMP Measurable Goals.

As part of the Annual Report process, the SWMP has been evaluated by UNM's Safety & Risk Services (SRS) Department. The annual review evaluated implementation status and effectiveness of SWMP components. Revisions are being addressed to improve the effectiveness and clarity of the SWMP. UNM has made red lined changes to the SWMP and will submit these to EPA as part of its NOI under the newly issued Middle Rio Grande Basin Watershed-based MS4 permit (NMR04A000).

CONSTRUCTION SITE STORM WATER RUNOFF CONTROLS

Permit Activity	Proposed Plan	Measurable Goal	Annual Report/Progress to Date
<p>A. As described in Part I.C.5-a, the permittee shall, in the Construction Site Stormwater Runoff Control Program, coordinate all departments and boards with jurisdiction over the planning, review, permitting, or approval of public and private construction activities within the permit area to ensure that the program controls or eliminates erosion and maintains sediment on site. The program shall address stormwater management during construction and include in the SWMP a description of the mechanism(s) utilized to comply with each of the following elements:</p> <ol style="list-style-type: none"> 1) An ongoing program to assess, implement, and enforce the existing program to control stormwater discharges from construction activities that result in a land disturbance of greater than or equal to one (1) acre. 2) A procedure or system to review, update, and/or enact an ordinance(s) or other appropriate legal authority mechanism, that addresses stormwater runoff from construction sites one (1) acre or greater, to require developers and construction site operators to implement an erosion and sediment control program, and control waste and properly dispose of wastes. 3) Procedures for review of all site plans and pre-construction review meetings that consider stormwater 	<p>University of New Mexico (UNM) will coordinate all UNM departments who have a role in construction activities at UNM to ensure proper controls are in place to eliminate erosion and reduce the transport of sediment from construction projects that disturb more than 1- acre on campus.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Inform UNM contractors of requirements and review necessary documents (i.e., erosion control plan, SWPPP/eNOI application and fugitive dust permit) during the Construction Review Process. <input type="checkbox"/> UNM Safety & Risk Services Department (SRS) and its sister departments will continue to oversee UNM contractors to insure that they comply with federal law, municipal ordinance and contractual provisions to implement a Stormwater Pollution Prevention Plan (SWPPP). <input type="checkbox"/> SRS and its sister departments will continue to review site plans and attend pre- construction review meetings to try to ensure consistency with applicable storm water quality requirements. The plan review must occur prior to construction and focus on construction and post-construction storm water quality measures that address likely impacts and public concerns. Site plan review must include evaluation of opportunities for incorporating green infrastructure (GI). <input type="checkbox"/> UNM will continue to comply with the Construction General Permit (CGP), including SWPPP preparation and eNOI application for all public projects greater than one acre. 	<p>UNM will include in the Annual Report the number of opportunities to incorporate GI and the number of times GI has actually been incorporated.</p> <p>UNM will continue to participate in the revision/update of the local "NPDES Storm Water Management Guideline for Construction and Industrial Activities Handbook".</p> <p>UNM will include a list of training in the Annual Report.</p>	<p>In 2014 there were no new opportunities to incorporate GI in construction projects. UNM continues to look at such opportunities.</p> <p>Training related to the SWMP and general storm water pollution prevention basics was included in new employee orientation. The SRS website has a training module on Stormwater education that can be accessed by the entire campus community and public.</p> <p>The SRS department attended weekly construction meetings for several construction projects in 2014.</p>

Permit Activity	Proposed Plan	Measurable Goal	Annual Report/Progress to Date
<p>controls or management practices of potential water quality impacts and ensure consistency with local and State sediment and erosion control requirements.</p> <p>4) A procedure for development of an application process whereby the construction site operator describes the sediment and erosion control measures to be taken on the site.</p> <p>5) Procedures for site inspection (during construction) and enforcement of control measures, including provisions to ensure proper construction, operation, maintenance, and repair.</p> <p>6) A procedure for providing education and training for permittee personnel, developers, construction site operators, contractors and supporting personnel.</p> <p>7) Procedures for keeping records of and tracking all regulated construction activities within the MS4, i.e. site reviews, inspections, inspection reports, warning letters and other enforcement documents.</p> <p>8) Update the "NPDES Stormwater Management Guidelines for Construction and Industrial Activities Handbook" to be consistent with promulgated construction and development effluent limitation guidelines.</p>	<p><input type="checkbox"/> The leadership of UNM's Office of Capital Projects (OCP) & the Physical Plant Department (PPD) will be engaged by SRS in the development of UNM's SWMP. Once the SWMP is finalized, training on the SWMP and general storm water pollution prevention (P2) basics will be offered.</p> <p><input type="checkbox"/> UNM will continue its procedures for construction project record keeping, including, site reviews, inspections, inspection reports, any enforcement letters & documents.</p> <p><input type="checkbox"/> UNM will continue to develop inspection procedures for exterior construction sites less than 1-acre. The new procedures will include: (1) determining who is responsible for conducting UNM construction site storm water quality inspections; determining who has authority to implement enforcement procedures regarding construction storm water quality at UNM; developing a process for prioritizing sites for inspection and enforcement based on type of construction activity; inspecting all sites greater than 1 acre at least once per year and follow up on any deficiencies to ensure corrective action; inspecting sites once project team believes final site stabilization is complete; and describing enforcement procedures and any penalties for repeated non-compliance at a UNM construction site.</p>		<p>In addition, the UNM Grounds Department conducted visual inspections during their normal activities.</p>

Permit Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>9) Conduct construction site inspections of 100 percent of all installed control measures each year.</p> <p>10) Include in each annual report, a summary of the number and frequency of site reviews, inspections and enforcement activities that are conducted annually and cumulatively during the permit term.</p>			

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND RE-DEVELOPMENT

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>A. As described in Part I.C.5.b, the permittee shall, in the Post-Construction Stormwater Management in New and Redevelopment Program, coordinate all departments and boards with jurisdiction over the planning, review, permitting, or approval of public and private new development and redevelopment projects/ activities within the permit area to ensure the hydrology associated with new development and redeveloped sites mimic the pre-development hydrology of the previously undeveloped site. The program shall address post-construction stormwater management and include the following elements in the SWMP:</p> <ol style="list-style-type: none"> 1) Procedure or system to review and update, as necessary, the existing program to ensure that storm water controls or management practices for new development and redevelopment practices/ activities disturbing greater than or equal to one (1) acre, including projects less than one (1) acre that are part of a larger common plan of development or sale, continue to meet the requirements and objectives of the permit. 2) Procedure or system to review, update, and/or enact an ordinance(s) or other appropriate legal authority mechanism, as necessary to ensure implementation of the SWMP. 	<p>UNM will propose design review and construction punch-list procedures to assure that storm water quality controls are incorporated into all new development and re-development for projects disturbing more than 1-acre or for projects disturbing less than 1-acre that are part of the larger common plan for development of the campus.</p> <p>UNM will propose the development of contractual procedures to ensure implementation of the SWMP in UNM development and redevelopment projects.</p> <p>UNM will assess facility planning and design procedures to identify impediments for the incorporation of GI/LID approaches including infiltration, recharge, water harvesting, habitat improvement and/or hydrological management to improve post-construction storm water quality.</p> <p>UNM will work to develop and adopt policy and enforcement mechanisms for requiring capture of 90th percentile (0.44-inch) storm events.</p> <p>UNM will work to develop and adopt design standards, including methodology, to estimate water quality impacts and selection of controls.</p> <p>UNM will calculate and update an estimate of acreage of impervious areas (IA) and directly connected impervious areas (DCIA). In the first annual report in 2013, UNM will report the acreages of IA and DCIA in a tabular format to EPA and describe the methodology used to calculate the acreages.</p> <p>UNM will inventory and rank campus property and MS4 infrastructure that may have the potential to be retrofitted with control measures to improve storm water quality. Factors such as implementation cost, public safety, maintenance</p>	<p>Submit draft policies, procedures, guidelines, protocols regarding Storm Water Quality upon completion.</p> <p>Provide discussion of education and outreach activities geared toward LID implementation in the Annual Report.</p> <p>Submission of cumulative changes in UNM's Storm Water Management Program (SWMP) in the Annual Report.</p> <p>Estimation of campus IA and DCIA removed or added in the Annual Report.</p> <p>Discussion of maintenance and inspections of storm water control features in Annual Report.</p> <p>Submission of finalized policies, procedures, guidelines, protocols regarding Storm Water Quality upon completion of finalized draft.</p>	<p>Review and updates to policies, procedures, guidelines, and protocols regarding storm water quality are an ongoing process. In 2014 UNM did not make any revisions to its existing guidelines on Stormwater quality for construction projects.</p> <p>There have been some revisions to UNM's SWMP. These revisions are ongoing and will be completed and submitted to EPA as part of UNM's NOI under the new watershed-based permit, and will be reported in the 2015 annual report.</p> <p>UNM has made progress in calculating an estimate of impervious areas (IA) and directly connected impervious areas (DCIA). UNM has determined a total impervious area of 382 acres within the 960 acres area of the UNM campus. UNM is still working to categorize a value for DCIA and document a methodology for this estimate.</p> <p>In 2013 UNM completed a utility map update which includes maps of UNM's Stormwater drains, inlets, and drainage basins. UNM's physical Plant Department in 2014, conducted routine maintenance on UNM's Stormwater infrastructure facilities.</p>

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>3) Procedures for site inspection and enforcement to ensure proper long-term operation, maintenance, and repair of stormwater management practices that are put into place after the completion of construction projects/activities.</p> <p>4) Procedure to develop and implement an educational program for project developers regarding designs to control water quality effects from storm water, and a training program for plan review staff regarding storm water standards, site design techniques and controls, including training regarding Green Infrastructure (GI) practices.</p> <p>5) Assessment of all existing codes, ordinances, planning documents and other applicable regulations, for impediments to the use of green infrastructure practices.</p> <p>6) Estimation of the number of acres of impervious area (IA) and directly connected impervious area (DCIA).</p> <p>7) Report of the assessment findings, which are to be used to provide information to the permittee, of the regulation changes necessary to remove impediments and allow implementation of green infrastructure practices.</p> <p>8) Citations and descriptions of design standards for structural and non-structural controls to control pollutants in storm water runoff. Include discussion regarding methodology used during design for estimating</p>	<p>access, geology, depth to groundwater/aquifer, proximity to other infrastructure (e.g., sanitary sewer & septic systems), opportunities for public use and education should be considered in the priority ranking of potential retrofit projects. An annual report on what retrofitting work has been done will be made beginning in the 3rd (2015) Annual Report to the EPA, and such reporting will continue in each subsequent Annual Report to the EPA.</p> <p>UNM will work to develop watershed protection measures and propose their incorporation into UNM policy and planning documents as they come up for review for renewal. Such policy and planning documents will include a description of UNM's master planning and project planning procedures to control the discharge of pollutants into the MS4.</p> <p><input type="checkbox"/> Minimize the amount of impervious surfaces (roads, parking lots, roofs, etc.) within the campus by controlling the creation and expansion of such during development and re-development.</p> <p><input type="checkbox"/> Identify any environmentally or ecologically sensitive areas that provides water quality benefits or serve critical watershed functions. Requirements may be needed to protect such if there is a technical basis to justify the actual existence of any such areas on campus. Inviting stakeholder input may be required for identifying sensitive areas.</p> <p><input type="checkbox"/> No streams exist on campus. Should UNM acquire and develop stream-side property, then measures will be taken to disconnect direct discharge to the stream from impervious areas.</p> <p><input type="checkbox"/> UNM intends to be a leader in the promotion of space-saving storm water infiltration best management practices (BMP) that can</p>		

Permit Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>impacts to water quality and for selecting appropriate structural and non-structural controls.</p> <p>9) Implementation and enforcement, via ordinance and/or other enforceable mechanism(s), of site design standards that prevent an increase in the one-hundred-year (100-yr), two-hour (2-hr) peak runoff, a change in the time of the peak, or an increase in the total runoff from its pre-development values to ensure the hydrology associated new development and redevelopment sites mimic the pre-development hydrology of the previously undeveloped site.</p> <p>10) An inventory and priority ranking of MS4-owned property and infrastructure (including public right-of-way) that may have the potential to be retrofitted with control measures designed to control the frequency, volume, and peak intensity of stormwater discharges to and from its MS4.</p> <p>11) A summary and analysis of all maintenance, inspections and enforcement, and the number and frequency of inspections performed annually shall be included in each annual report.</p> <p>12) Report the tabulated results of the number of acres of IA and DCIA and its estimation methodology in the first annual report.</p> <p>13) Estimations of the number of acres of IA and DCIA that have been added or removed during the prior year shall be submitted beginning with the second year</p>	<p>protect and enhance groundwater. UNM will seek to avoid hydro-modification of arroyos caused by campus development, including roads, etc.</p> <p><input type="checkbox"/> UNM will develop and implement development policies to protect soils, prevent topsoil stripping and soil compaction.</p> <p><input type="checkbox"/> SRS in conjunction with PPD will inspect campus storm water management and control systems to assure long-term operation, maintenance and repair of storm water management and control systems. SRS will propose policy that requires that construction project teams submit as-built plans for storm water management and control systems within 90 days of construction completion. The number of such inspections will be mentioned in UNM's Annual Reports to EPA.</p> <p><input type="checkbox"/> UNM will participate and cooperate in local experts' combined efforts to refine and present storm water quality educational training for project developers. UNM staff (e.g., OCP, PPD, etc.), including plan reviewers, on construction project teams will receive such training.</p> <p><input type="checkbox"/> UNM will continue to incorporate watershed protection elements into relevant policy and/or planning documents as they come up for regular review.</p>		

Permit Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>annual report and each subsequent annual report.</p> <p>14) A report on those MS4-owned properties and infrastructure that have been retrofitted with control measures designed to control the frequency, volume, and peak intensity of stormwater discharges shall be submitted beginning with the third year annual report and each subsequent annual report.</p> <p>15) A cumulative listing of the annual modifications made to the Post-Construction Storm Water Management Program during the permit term, and a cumulative listing of annual revisions to administrative procedures made or ordinances enacted during the permit term shall be included in each annual report.</p> <p>16) Incorporation of watershed protection elements into all relevant policy and/or planning documents as they come up for regular review, yet no more than five years from the permit effective date.</p>			

POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

Permit Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>A. As described in Part I.C.5.c, the permittee shall implement, review and enhance their current pollution prevention practices and develop new source control procedures as detailed in this part to control the amount of pollutants in stormwater contributing to or discharging from its MS4. The permittee shall implement an operation and maintenance (O&M) program that includes a training component and has the ultimate goal of preventing or controlling pollutant runoff from municipal operations. The program shall include the following elements:</p> <p>1) Maintenance activities, schedules and long-term inspection procedures for measures to control pollutants from City facilities into the MS4.</p>	<p>UNM shall continue to implement, review and enhance pollution prevention practices. When possible, UNM will implement new source control procedures to limit the discharge of pollutants from the campus MS4.</p> <p>As required, PPD will implement a Storm Water Operations & Maintenance (O&M) Program by April 2013; b) grounds and landscaping maintenance; c) road and parking lot operation and maintenance; d) fleet and building maintenance; e) new construction and land disturbance training; f) utility systems maintenance; g) MS4 system maintenance.</p> <p>UNM's O&M Program will include: a) an updated list of storm water quality facilities by drainage basin, including location and description; b) a target number of 20 storm water quality facilities shall be inspected once every 3 months by PPD and cleaned if necessary (See Table 1); and c) continue PPD's leading source control program of street and hard-scaping sweep and daily (M- F) litter pickup on campus.</p> <p>UNM maintains a Spill Prevention, Countermeasure and Control Plan (SPCCP) to address the risks from oil tanks larger than 55 gallons. UNM takes measures to insure that parties responsible for a spill on campus take reasonable steps to control and minimize threats to human health and the environment.</p>	<p>Submission of annual progress updates in Annual Report.</p>	<p>In 2014, the Storm Water Operations & Maintenance (O&M) Program spent approximately \$332,250 on operation and maintenance activities on the main UNM campus to protect storm water quality. These activities include street sweeping, litter pickup, dog waste stations, and inlet monitoring and cleaning. In addition, landscape irrigation improvements were completed to help minimize debris and nutrient discharge to storm water.</p> <p>In 2014, UNM's SRS department spent \$20,000.00 on Stormwater monitoring, and approximately \$1000 to prepare educational fliers and to purchase and install storm drain caps on storm drain inlets across campus.</p>
<p>2) Measures to control or eliminate the discharge of pollutants from streets, municipal parking lots, maintenance and storage yards, waste transfer stations, fleet or maintenance shops with outdoor storage areas, and salt and sand storage locations.</p>	<p>Potential discharges will be controlled through implementation of spill prevention practices, self-inspections, and employee training. UNM's O&M Program will also include measures to control the following storm water pollutants: a) de-icing salts; b) roadway debris and roadside vegetation management practices; leaked automotive fluids in equipment maintenance yards; c) debris on hard-scaping (roads, etc.) that can be</p>	<p>Submission of annual progress updates in Annual Report.</p>	<p>UNM has many on-going programs and systems in place to control or eliminate the discharge of pollutants. Examples are summarized below.</p> <p>UNM continues to maintain a Spill Prevention, Countermeasure and Control Plan (SPCCP) to address the risks from oil tanks larger than 55 gallons.</p> <p>UNM continues to conduct campus grounds beautiful. UNM's</p>

Permit Activity	Proposed Plan	Measurable Goal	Progress to Date
	reduced by modifying street sweeping strategies; and d) targeting problem areas on campus that may have greater pollution potential.		<p>regular street sweeping and sidewalk sweeping.</p> <p>UNM's street sweeping occurs on a frequent basis, and this serves to control the discharge of pollutants from streets.</p> <p>UNM policy UBPP 7780 forbids automotive maintenance activities on campus outside of the fleet and equipment maintenance operations at the PPD Automotive Center.</p>
3) Procedures to properly dispose of waste removed from the MS4 and municipal operations, e.g. those used for disposal of accumulated sediments, floatables, and other debris collected from the MS4.	UNM's O&M program will identify waste disposal standard operating procedures (SOPs), including SOPs for motor vehicle fluids, toxic paints, solvents, fertilizers, pesticides, herbicides and any other hazard. This will include a list of opportunities for recycling substances. Also standard operating procedures will address the removal of sediments, debris, floatables and litter including pet wastes.	Submission of annual progress updates in Annual Report.	UNM inspects campus storm water management and control systems to assure long-term operation, maintenance and repair of storm water management and control systems. Proper disposal of accumulated sediments, floatables, and other debris collected is part of UNM's O&M program.
4) Procedures to ensure that new flood management projects are assessed for impacts on water quality and existing projects are re-assessed for incorporation of additional water quality protection features.	UNM will re-assess existing flood control infrastructure for the potential to retro-fit it with additional water quality enhancement features.	Submission of annual progress updates in Annual Report.	In 2014, there were no new flood management projects on UNM campus. UNM is in the planning stages of a project to assess existing flood control and Stormwater infrastructure for the potential to improve or retro-fit it with additional water quality enhancement features.
5) Procedures to control the discharge of pollutants related to: storage and application of pesticides, herbicides, and fertilizers applied by the permittee's employees or contractors to municipal property and commercial application and distribution of pesticides, herbicides, and fertilizers where permittees hold jurisdiction over lands not directly owned by that entity.	UNM's Integrated Pest Management (IPM) manual applies to UNM campus wide. UNM will review and revise the IPM, provide more IPM related training to employees, seek less toxic and equally less expensive new approaches. UNM will work to develop a database to monitor the use of pesticides, herbicides, and fertilizers.	Submission of annual progress updates in Annual Report.	UNM's Integrated Pest Management (IPM) manual applies to UNM campus wide. A review and revision of the IPM has not yet occurred.
6) Procedures to control industrial	UNM does not have operations within our		UNM does not have operations within

Permit Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>runoff from facilities owned or operated by the permittees which discharge to the MS4.</p> <p>7) Development and implementation of an employee training program to incorporate pollution prevention and good housekeeping techniques into everyday O&M activities, including development of a tracking procedure.</p>	<p>campus jurisdiction that would normally be categorized as industrial or that have the potential for high risk runoff.</p> <p>The UNM's O&M program will include training for appropriate UNM staff on improving storm water quality. SRS also included storm water education in the mandatory Basic Annual Safety Training that all UNM employees are required to take.</p>	<p>UNM will continue training employees.</p>	<p>our campus jurisdiction that would normally be categorized as industrial or that have the potential for high risk runoff.</p> <p>In 2014 UNM incorporated stormwater education as part of mandatory new employee orientation for all UNM employees. UNM</p>

INDUSTRIAL AND HIGH RISK RUNOFF

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>A. As described in Part I.C.5.d, the permittee shall:</p> <ol style="list-style-type: none"> 1) continue implementation and enforcement of the Industrial and High Risk Runoff program; 2) assess the overall success of the program; and, 3) document both direct and indirect measurements of program effectiveness in annual reporting required in Part III.H. 	<p>UNM does not have operations within our campus jurisdiction that would normally be categorized as industrial or that have the potential for high risk runoff.</p>	<p>UNM will submit a certification to EPA to that effect.</p>	<p>UNM does not have operations within our campus jurisdiction that would normally be categorized as industrial or that have the potential for high risk runoff. UNM will continue to reassess campus operations to ensure and document that there are no operations that would be categorized as industrial or that have the potential for high risk runoff.</p>

ILLCIT DISCHARGES AND IMPROPER DISPOSAL

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>A. As described in Part I.C.5.e, the permittees shall implement and enforce an illicit discharge detection and elimination (IDDE) program to systematically detect and eliminate illicit discharges (as defined at 40 CFR 122.26(b)(2)) entering the MS4, and to implement defined procedures to prevent illicit connections and illegal dumping into the MS4. The program shall include the following elements in the SWMP:</p> <ol style="list-style-type: none"> 1) Prohibition, through ordinance or other regulatory mechanism, of non-stormwater discharges into the sewer system. 2) Implementation of appropriate enforcement procedures and actions (including enforcement escalation procedures for recalcitrant or repeat offenders). 3) Procedures for coordination with adjacent municipalities and/or state, tribal, or federal regulatory agencies to address situations where investigations indicate the illicit discharge originates outside the MS4 jurisdiction. 4) Investigation of suspected illicit discharges within forty-eight (48) hours of detection; elimination of such discharges as expeditiously as possible; and, requirement of immediate cessation of illicit discharges upon confirmation of responsible parties. 5) Review complaint records for the past permit term and develop a targeted source reduction program for those illicit 	<p>UNM continues to implement efforts to detect and eliminate illicit discharges and improper disposal that may impact the quality of storm water discharged from the campus. IDDE efforts at UNM have historically identified and eliminated at least one non-storm water discharge to our MS4. SRS investigates IDDE problems within 48-hours of being reported. UNM then eliminates illicit discharges or improper disposal on campus within 30 days. If more time is needed then SRS develops an elimination schedule within six months.</p> <p>In addition, any newly discovered non-storm water discharges will be assessed for their potential impact to the Rio Grande. SRS will review compliance records to check for similar incidents and will prioritize preventing repeat issues by increased awareness. SRS will manage UNM's IDDE Program and maintain maps applicable to the campus.</p> <p>SRS will check both wet and dry storm water discharges. Initial assessments of storm water quality will occur by visual and olfactory methods. If suspicious water quality conditions are encountered visually, then water quality samples may be tested with field instrumentation, e.g., conductivity, pH, temperature and perhaps dissolved oxygen or turbidity.</p> <p>If visual and field instrumentation assessment is unsatisfactory and other contamination is suspected (e.g., heavier than normal oil sheen), then grab samples may be collected for potentially applicable lab analysis by EPA methods, e.g., TPH, BTEX, E. Coli, nitrates/nitrite, etc.</p> <p>UNM SRS will implement an Illicit Discharge Detection and Elimination (IDDE) program on a</p>	<p>UNM will develop and submit a priority ranking of drainage basins on the campus by October 2013.</p> <p>UNM will implement an IDDE program on a third of UNM's MS4 system by October 2015 and 100% of UNM's MS4 by October 2017.</p> <p>If the systematic IDDE Process identifies a significant illicit discharge or improper disposal on campus, then that finding and a brief explanation of any potential hazard will be posted on a SRS website page to inform any interested members of the campus or local communities.</p> <p>SRS will incorporate that finding into storm water quality training for the associated UNM staff that can best control the problem.</p> <p>As the next advancement in screening, a campus outfall reconnaissance inventory (ORI) will be completed on 1/3 of the campus MS4 outfalls (that do not involve a confined space entry) by March 2015. The remainder of such will be finished by March 2017. Outfalls from any problem catchments will be investigated first in order of priority.</p>	<p>UNM is developing a priority ranking of drainage basins on campus. This task was not completed in 2013 as previously anticipated due to staff turnover. The ranking is in progress and is pending completion of a campus-wide drainage assessment commissioned by UNM's Physical Plant Department. This assessment is expected to map out drainage basins and estimate the amount of run-off from these drainage basins.</p> <p>The campus outfall reconnaissance inventory (ORI) has begun and will continue through 2015. So far, about 12 locations have been identified as potential outfalls on UNM's main and south campuses.</p>

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>discharge/improper disposal incidents that have occurred more than twice in two (2) or more years from different locations.</p> <p>6) Review (NMDOT) within six (6) months the existing permitting/certification program to ensure that any entity applying for the use of Right of Way implements controls in their construction and maintenance procedures to control pollutants entering the MS4.</p> <p>B. As described in Part I.C.5.e(v), the permittee shall, in the IDDE Program:</p> <ol style="list-style-type: none"> 1) Maintain adequate legal authority to implement the IDDE program to prohibit illicit discharges and investigate suspected illicit discharges. 2) Maintain a map of their portion of the MS4 identifying all discharge points into waters of the United States and into major drainage channels draining more than twenty (20) percent of the MS4 area. 3) Delineate the MS4 into catchments or basins; assess the illicit discharge potential of all catchments or basins; and begin implementation of activities described in Part I.C.5.e(v)(3), unless otherwise noted. 4) Implement methods for informing the general public of hazards associated with illegal discharges and improper disposal of waste, including training for public employees. 	<p>third of UNM's MS4 system by 3/1/15 and 100% of the UNM MS4 by 3/1/17. UNM will utilize staff and perhaps contractors, calibrated instrumentation, and qualified laboratories to implement the IDDE program. IDDE efforts may overlap with monitoring dry weather & wet weather discharges. If unusual levels of water quality contaminants are observed, UNM will analyze the above information to try to track back to the source on campus or where up-gradient contamination enters campus. UNM will notify up-gradient MS4 entities if we encounter contamination from their jurisdiction entering campus.</p> <p>SRS will conduct at least visual IDDE assessment during at least one storm per month during the July-August monsoon season for rainfall occurring during normal 9am to 5pm business hours.</p> <p>SRS will conduct one other visual IDDE assessment during one rainstorm outside of the July-August monsoon season for rainfall occurring during normal 9am to 5pm business hours.</p> <p>SRS UNM will conduct one visual IDDE assessment of snow melt during at least one snowstorm occurring during normal 9am to 5pm business hours</p> <p>If the pending Watershed Based Permit (WBP) doesn't replace the Phase 1 MS4 permit, by 2015 UNM will begin utilizing procedures and methodologies (e.g., ORI and IMS) consistent with those described in "Illicit Discharge Detection and Elimination, A Guidance Manual for Program Development and Technical Assessments," by the Center for Watershed Protection and R. Pitt, dated 2004.</p> <p>By the ORI and IMS procedures above, illicit discharges will begin to be systematically located. Any illicit discharges found will be</p>		

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>5) Submit as part of its updated SWMP, a description of the means, methods, quality assurance and controls protocols, and schedule for successfully implementing the required screening, field monitoring, laboratory analysis, investigations, and analysis evaluation of data collected.</p> <p>6) Update a written systematic procedure as soon as possible, but no later than six (6) months, for system screening, follow-up activities to locate source of suspected illicit discharges, or improper disposal, eliminating or requiring elimination of illicit discharges and to document the elimination of the illicit connection or discharge.</p> <p>7) Develop and submit to EPA and NMED (and Pueblo of Sandia for North Diversion Channel), an initial priority ranking of the MS4 catchments or basins.</p> <p>8) Begin systematically locating illicit discharges using the procedure developed in accordance with Part I.C.5.e.(v)(3)(b).</p> <p>9) Expeditiously revise (NMDOT) as necessary, within no more than two (2) years, the existing permitting/certification program to ensure that any entity applying for the use of Right of Way implements controls in their construction and maintenance procedures to control pollutants entering the MS4.</p> <p>10) Enhance the existing program, within three (3) years, to utilize</p>	<p>submitted for project funding for correction in priority based on water quality impact potential.</p>		

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>procedures and methodologies consistent with those described in "Illicit Discharge Detection and Elimination, A Guidance Manual for Program Development and Technical Assessments."</p> <p>11) Complete implementation of the IDDE activities, described in Part I.C.5.e(v) for one-third of (1/3) its total MS4 service area no later than three (3) years from the permit effective date, and for 100 percent for the MS4 within five (5) years.</p> <p>12) Complete the IDDE activities implementation for Problem Catchments defined in Part I.C.5.e(v)(2) within three (3) years and for the remainder of the system with five (5) years from the effective date of the permit.</p>			

CONTROL OF FLOATABLES DISCHARGES

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>A. As described in Part I.C.5.h, the permittee shall:</p> <ol style="list-style-type: none"> 1) Synthesize findings from the 2005 AMAFCA/COA Floatable and Gross Pollutant Study to develop a schedule for implementation of controls or additional study. 2) Estimate the annual volume of floatables and trash removed from each control facility and characterize the floatable type. 	<p>Proposed Plan</p> <ol style="list-style-type: none"> 1) UNM installed water quality inlets in new facilities on the campus to control floatables discharge. Additionally, UNM may have the most intensive litter removal and street and sidewalk sweeping program in the Albuquerque metro area that removes floatables from the campus grounds before they can come into contact with storm water. These activities are continuous. 2) UNM will implement floatable controls in new campus building projects that involve modification of storm water inlets or other MS4 system improvements. Floatable controls will be designed to capture the kinds of floatables present at UNM. 3) UNM will continue to track and report the estimated volume of floatables and trash removed from our control facilities. Beginning in October 2012, PPD will start characterizing the types of floatables removed from control facilities. See Table 1. 	<p>Measurable Goal</p> <p>Schedule for implementation of controls developed as SRS becomes aware of construction projects and as funding is identified.</p> <p>Include discussion of volume and type of trash removed in Annual Reports.</p>	<p>Progress to Date</p> <p>In 2014, UNM street and hardscape sweeping and other exterior cleaning operations removed approximately 725 cubic yards of debris.</p>

WASTE COLLECTION PROGRAMS

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>A. As described in Part I.C.5.i, the permittee shall enhance programs for collecting motor vehicle fluids and household hazardous waste materials by:</p> <ol style="list-style-type: none"> 1) Increasing the frequency of collection days hosted. 2) Expanding programs to include commercial fats, and oils and greases. 3) Coordinating program efforts between applicable permittee departments. 	<p>UNM carefully collects and disposes of all wastes that could be hazardous to storm water quality. For instance, the SRS Department picks up and properly disposes of UNM's hazardous wastes in compliance with RCRA requirements. SRS, PPD and other UNM departments properly manage and dispose of regulated universal wastes and other special wastes. UNM policy UBPP 7780 forbids automotive maintenance activities on campus outside of the fleet and equipment maintenance operations at the PPD Automotive Center. UNM is expanding its waste collection program to include fats, oils and greases. Furthermore, a couple of UNM's shuttle buses are fueled with biodiesel made from such recycled fats, oils and greases. UNM continues to coordinate waste collection efforts amongst departments.</p>	<p>For the four MS4 co-permittees, incorporation of Household Hazardous Waste location/schedule information on MRGSWQT brochures.</p>	<p>UNM conducts its own waste collection activities on campus. Hazardous waste and recyclables are collected regularly and include collections for chemicals, batteries, light bulbs, and recycling.</p>

PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>A. As described in Part I.C.5.k, the existing Public Education and Outreach Program shall be modified to include:</p> <ol style="list-style-type: none"> 1) A detailed description of the program and outreach activities, including methods for disseminating information; target audiences; target pollutants and sources addressed in the program; how target pollutants and sources were selected; estimation of people with whom you intend to communicate; and a schedule and/or frequency of activities. 2) A plan to target outreach to stakeholders listed in Part I.C.5.k(v)(5). 3) The development and implementation of a program to promote, publicize and facilitate the use of green infrastructure practices. 4) An examination of impediments to implementing an integrated public education program regarding litter reduction, recycling and proper disposal, and green infrastructure practices. 5) A plan to leverage resources by combining outreach efforts with small MS4s in the Albuquerque Urbanized area. 	<p>UNM is actively involved in providing public education and outreach regarding storm water impacts in the Albuquerque area watershed. UNM's efforts are aimed to educate the public about storm water pollution and how citizens can control the impact of storm water pollution. Some activities that UNM is involved in include: (1) actively participating in the Middle Rio Grande Storm Water Quality Team (MRGSQT); (2) supporting TV programming such as the "Keep the Rio Grande" campaign; (3) posting storm water information on the SRS Department website; (4) publishing storm water information in the UNM Today, UNM New Minute or The Daily Lobo publications; (5) participating in new faculty orientation and new student orientation; and (6) providing training to UNM staff. The information that UNM provides includes the proper handling, disposal and recycling of used motor vehicle fluids, household hazardous wastes, grass clippings, car wash water, use of fertilizers, pesticides and herbicides, oil and toxics on roadways and the steps to report illicit discharges and improper disposal. Further, UNM educates pet owners about proper disposal of pet wastes.</p> <p>UNM's SRS Department works with PPD to maintain pet waste collection stations on its Main Campus. SRS also educates owners and operators of UNM-related facilities regarding their responsibility to control pollutants in storm water discharges from their property to the MS4 by including storm water pollution prevention training to UNM Building Coordinators and staff. SRS is also including storm water education in its 2013 Basic Annual Safety Training required to be taken annually by all UNM employees.</p>	<p>Outcomes report, prepared by local public relations firm hired by the MRGSWQT will be submitted in Annual Reports. This report will listing outreach method and estimated number of individuals reached.</p> <p>Discussion of additional education and outreach activities performed by UNM staff will be provided in Annual Reports.</p> <p>Outreach efforts will be summarized in Annual Reports.</p>	<p>In 2013, UNM withdrew its \$7000 annual contribution to the MRGSWQT. Instead, UNM has opted to conduct public education and outreach on UNM's campus. In 2014, such education and outreach included operating a booth at the Student Union Building and distributing Stormwater educational material on "welcome back days" in the spring and fall. UNM also installed 300 storm drain caps throughout campus, with the message, "No dumping, only rain in the drain." In 2014, UNM participated in planning activities for EPA's 2015 Annual Stormwater Conference.</p> <p>The SRS website has a training module on Stormwater education that can be accessed by the entire campus community and public.</p>

PUBLIC INVOLVEMENT AND PARTICIPATION

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>A. As described in Part I.C.5.1, the permittee shall:</p> <ol style="list-style-type: none"> 1) develop and implement a plan to encourage public involvement and provide opportunities for participation in the review, modification and implementation of the SWMP. 2) develop and implement a process by which public comments to the plan are received and reviewed by person(s) responsible for the SWMP. 3) make the SWMP available to the public and to the operator of any MS4 or Tribal Authority receiving discharges from the MS4. 	<p>UNM continues to welcome public participation in its SWMP. The SRS Department continues involving other UNM departments, e.g., PPD, OCP, etc., as stakeholders in the development and revision of UNM's SWMP. UNM also participates in local ABQ area public forums where active public involvement occurs, e.g., Middle Rio Grande Water Quality Standards Work Group (MRGWQSWG) meetings.</p> <p>SRS Department regularly trains and updates other UNM Departments about storm water issues and solicits input and participation. SRS will provide a presentation at the upcoming SRS Construction Safety Task Force and at the upcoming Loss Prevention & Control Committee Meeting to insure that all UNM stakeholders are aware of the SWMP and its requirements.</p> <p>Further, UNM works with its MS4 co-permittees to conduct behavior: change studies and assist with efforts to establish a process to encourage involvement by environmental groups and civic organizations interested in water quality-related issues. UNM also utilizes volunteers for storm water pollution prevention activities and awareness throughout the metropolitan area, e.g., promotion and participation in the local annual National River Clean Up Day on the Rio Grande River.</p>	<p>Discussion of public input and their comments will be provided in Annual Report.</p>	<p>The SRS Department involved other UNM departments, e.g., PPD, OCP, etc., as stakeholders in the development of UNM's current SWMP, which was finalized in October 2012, and will consult with these stakeholders on revisions to the SWMP.</p>

DISCHARGES TO IMPAIRED WATERS – IMPLEMENTATION OF NEW BACTERIA TMDL

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>A. Revision of Bacteria Target Values for Consistency with the New TMDL. Review the current bacteria reduction program for consistency with new TMDL requirements and allocations. In consultation with NMED and EPA Region 6, revise target values included in the bacteria control plan, as necessary, based on the new TMDL. Adopt the new <i>E. coli</i> waste load allocations as measurable goals for the SWAMP. 1) Submit certification of completion of review and revisions.</p>	<p>UNM continues to implement practices that reduce bacterial contamination of storm water. Most of these practices have multi-purpose benefits in addition to storm water pollution prevention and bacterial reduction. These ongoing practices involve the structural best management practices (BMPs) in the operation of our facilities and grounds as well as our public education and outreach efforts. The following describes UNM's program to minimize bacterial contamination of storm water.</p> <p>UNM is aware of the bacterial source tracking study in the local Middle Rio Grande watershed which identified the various source animal enteric bacteria contributions. The study indicated that birds contributed the most, at roughly a third of the bacteria loading. Dogs were the second largest source. Therefore, UNM's efforts have been focused on controlling bird and dog waste impacts on storm water.</p> <p>a) Dog Poop Stations- UNM's campus is open to the public and people do walk their dogs on campus. This activity is centered around the green spaces, e.g., the Duck Pond on the Central Campus and Golf Course on North Campus. PPD has installed and maintains dog poop disposal bag dispensers on the east and west sides of the Duck Pond area. The North Campus Neighborhood Association has been stocking shopping bags for similar purposes on the southeast corner of the North Golf Course where many folks begin on the perimeter jogging trail. This is also a notable example of public involvement with storm water pollution prevention on</p>	<p>Submission of certification of review of program within 3 months of permit effective date.</p>	<p>This certification has been completed.</p>

Activity	Proposed Plan	Measurable Goal	Progress to Date
	<p>campus.</p> <p>b) Bird Controls - UNM continues bird control efforts, especially related to roosting pigeons on UNM buildings. Bird control efforts range from netting at Coronado dormitory trash storage area, equipment bird skirting at the Business Center and bird control wires on the Electrical Engineering & Computer Engineering building window sills. UNM also has an ongoing trapping program that captures hundreds of pigeons a year on many campus roof tops or wherever there may be a roosting problem.</p> <p>c) Street and Sidewalk Sweeping - UNM makes a great effort to keep the campus grounds beautiful. PPD efforts include regular street sweeping and sidewalk sweeping. UNM's street sweeping schedule may be among the most frequent in the metro area, and this serves to protect storm water quality from contaminants, including bacteria laden animal wastes on hard-scaping.</p> <p>d) Trash & Litter Controls - The local bacterial tracking study also indicated that humans are one of the smaller sources of bacterial contamination to storm water. In addition to the homeless population in the metro area that may not be using bathrooms, it was recognized that leaking trash dumpsters and compactors may contribute to some of the human contamination. Therefore, lids are installed and kept closed on UNM's large trash dumpsters to keep storm water out. The multitude of small trash receptacles along campus sidewalks, at building entrances, etc. are also always lined with trash bags</p>		

Activity	Proposed Plan	Measurable Goal	Progress to Date
	<p>and usually topped with lids that allow trash in and keep it inside. Bagging and lids also prevent wind from blowing trash out of dumpsters and receptacles.</p> <p>e) Leaked Fluid-If trash compactors leak fluids, the standard practice at UNM is to absorb the leaked fluids and dispose of the absorbent with the other solid waste. Litter is picked up daily, Monday through Friday, all over campus and is disposed of properly with other solid wastes. Litter pickup includes scooping visible dog poop as well as floatables/litter. UNM notifies the COA about problems with pet wastes being left from occupants of neighboring apartment complexes who bring their dogs onto campus property to defecate.</p> <p>f) Storm water Retention Ponds - UNM has a few storm water retention ponds on the South Campus and on the North Campus. In addition to reducing peak flow into the local MS4, these ponds act to settle out suspended solids and expose bacteria to solar UV radiation. Solar UV disinfection and settling out suspended solids both help to reduce bacteria levels in storm water discharged from campus.</p> <p>g) Public Education and Outreach & Campus Training- Storm water pollution prevention training and test questions are part of UNM's Mandatory Basic Annual Safety Training (BAST) program for all UNM employees. Additionally, UNM's SRS department conducts specialized storm water pollution prevention training to PPD employees. SRS's specialized training with Excel's "Storm Watch" and Cooney- Watson's "Keep the Rio Grand" videos includes an emphasis on pet waste pickup</p>		

Activity	Proposed Plan	Measurable Goal	Progress to Date
	<p>and measures to minimize bacterial contamination. UNM's portion of the "Keep the Rio Grand" video contains an emphasis on pet waste issues and the video was broadcast throughout the local area on PBS's KNME TV Channel 5 and CABQ's GOVTV on many occasions. At UNM's Welcome Back Days event at the beginning of each semester, SRS has had booths with handouts on storm water pollution prevention: including pet wastes and measures to minimize bacterial contamination. SRS and the COA have hosted a booth that is very popular with grade school children at UNM's Sustainability Expo events on the mall outside the Student Union Building. SRS's website(http://risk.unm.edu/environmental-affairs/storm-water-pollution-prevention.pdf) also has information on storm water pollution prevention including pet wastes and measures to minimize bacterial contamination.</p> <p>h) MGRSQT - SRS has been financial sponsor and leader in the Middle Rio Grande Storm water Quality Team (MGRSQT). The MGRSQT continues to implement a "Scoop the Poop" media campaign to educate and reach out to the public on a community- wide basis. This campaign emphasizes the importance of responsible pet waste management to protect storm water quality and the Rio Grande. MGRSQT has financially supported the Bosque Environmental Monitoring Program (BEMP) which is a cooperative joint effort between the Bosque School and UNM's Biology Department. BEMP teaches elementary school students about river ecosystems</p>		

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>B. Revision of Monitoring Program In consultation with NMED and EPA Region 6, revise the bacteria monitoring program as necessary for consistency with the new TMDL.</p> <p>The revised monitoring program must:</p> <ol style="list-style-type: none"> 1) Use <i>E. coli</i> as the indicator parameter. 2) Provide information on discharges from all portions of the MS4 assigned a Waste Load Allocation (WLA) under the TMDL. The monitoring program may be a cooperative effort with other MS4 operators affected by the TMDL, may sample a portion of the system each year, and may include in-stream measurements as a component of the monitoring effort. The monitoring program must provide information on the 	<p>and involves them in monitoring it. As a dual purpose benefit, BEMP has monitored coliform and <i>E. coli</i> bacteria levels the Rio Grande River at multiple locations in the ABQ metro area. As part of the MRGSQT, SRS has participated with AMAFCA with a storm water pollution prevention float in the New Mexico State Fair Parade in which thousands of "Scoop the Poop" bumper stickers and other fliers containing pet waste management information was distributed to the public at the Fair and along the parade route. SRS also participates in the National River Clean Up Day events on the Rio Grande and distributes "Scoop the Poop" stuff there.</p>		
<p>UNM continues to operate pursuant to the COA bacterial program as necessary for consistency with the new E-Coli TMDL. UNM, as a Phase 1 MS4 co-permittee with the COA, AMAFCA and NMDOT continues to pay a share of the monitoring costs for the U.S. Geological Survey's bacteria level storm water monitoring work. UNM remains involved in the decisions and reports that the Phase 1 co-permittees generate until such time as the general Watershed Based Permit (WBP) replaces the Phase 1 and Phase 2 permits in the local watershed. UNM remains an involved stakeholder in the current WBP development.</p>	<p>UNM continues to operate pursuant to the COA bacterial program as necessary for consistency with the new E-Coli TMDL. UNM, as a Phase 1 MS4 co-permittee with the COA, AMAFCA and NMDOT continues to pay a share of the monitoring costs for the U.S. Geological Survey's bacteria level storm water monitoring work. UNM remains involved in the decisions and reports that the Phase 1 co-permittees generate until such time as the general Watershed Based Permit (WBP) replaces the Phase 1 and Phase 2 permits in the local watershed. UNM remains an involved stakeholder in the current WBP development.</p>	<p>Submission of the certification of completion of review and revisions within 3 months of effective permit date.</p>	<p>This certification has been completed.</p>

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>entire system over the term of the permit sufficient to determine compliance with applicable WLAs and consistency with TMDL assumptions. Should the EPA-approved TMDL assign a WLA to the MS4 on a system-wide or area basis, the monitoring program may adopt a method for dividing the total WLA into an approximate partial allocation for comparison with data from the portion of the system being monitored (e.g. percent of total WLA compared to percentage of total area in the drainage being monitored).</p> <p>3) Submit certification of completion of review and revisions.</p>			
<p>C. Implementation of Revised Monitoring Program Commence monitoring under the replacement <i>E. coli</i> TMDL monitoring program.</p>	<p>The COA has commenced monitoring <i>E. coli</i>.</p>	<p>Submission of <i>E. coli</i> results in DMRs and Annual Reports. UNM relies upon the COA and USGS work pursuant to MOU Agreement.</p>	<p>UNM relies on the COA and USGS work pursuant to MOU Agreement. The monitoring results are included in the joint Annual Report submittal for the Albuquerque MS4.</p>

SPILL PREVENTION AND RESPONSE

Activity	Proposed Plan	Measurable Goal	Progress to Date
<p>The permittee shall continue implementation of the program to prevent, contain and respond to spills that may discharge to the MS4, and enhance as necessary.</p> <p>Where discharge of material resulting from a spill is necessary to prevent loss of life, personal injury or severe property damage, the permittee(s) shall take, or insure the party responsible for the spill takes, all reasonable steps to control or prevent any adverse effects to human health or the environment.</p> <p>The spill response program may include a combination of spill response actions by the permittee(s) (and/ or another public or private entity), and legal requirements for private entities within the permittee's municipal jurisdiction.</p>	<p>UNM will continue to take measures to pro- actively prevent and promptly respond to spills that would be harmful to storm water quality and the Rio Grande River.</p> <p>UNM maintains a Spill Prevention, Countermeasure and Control Plan (SPCCP) to address the risks from oil tanks larger than 55 gallons.</p> <p>UNM will do what we can to ensure that the parties responsible for a spill on campus take reasonable steps to control and minimize threats to human health and the environment.</p>	<p>Continue to have no significant spill incidents on campus that could impact water quality in the Rio Grande River.</p> <p>Continue to implement spill prevention measures, e.g., stock spill response kits, where the potential for harmful spills is greatest.</p> <p>Practice a spill response, e.g., a table top or other exercise, to be better prepared for a potential spill on campus.</p>	<p>There were no major spill incidents reported at UNM in 2014.</p> <p>Spill response kits are stocked throughout campus.</p> <p>SRS did prepare for potential spill response in 2014. SRS has four staff members with HAZWOPER training and spill response capability, and has secured the services of an on-call spill response vendor.</p>

Table 1

UNM Storm Drain Inlets for Quarterly Maintenance and Measurement Operations

<u>Inlet #</u>	<u>LOCATION</u>
1.	West of Centennial Engineering (Bldg. 122) in roadway along West Curb line
2.	West of Hibben Center (Bldg. 15) in bump out on West side of road (2-inlets)
3.	North of Zimmerman (Bldg. 53) in parking lot
4.	Walkway east of Zimmerman (Bldg. 53) and East of Collage of Education (Bldg. 57)
5.	SE of Hokona Zia (Bldg. 58) in Redondo Way
6.	NE of Simpson Hall (Bldg. 66) in Redondo Way
7.	South of Santa Clara (Bldg. 61) in Redondo Way
8.	North of SRC Commons (Bldg. 88)
9.	NE of Mesa Vista (Bldg. 56) at Area 3
10.	South side of Duck Pond
11.	SE side of Scholes Hall (Bldg. 1 0)
12.	SW of Chapel (Bldg. 25)
13.	East of Banderier Hall East (Bldg. 8) at Rose Garden
14.	North side of EECE (Bldg. 46) in south end of parking lot
15.	NW of Ford Utilities (Bldg. 116) in parking lot
16.	SW corner of Novitski Hall (Bldg. 249) in SW corner of south parking lot
17.	South side of HSSB (Bldg. 266) in walkway
18.	NW of HSSB (Bldg. 266) in lawn area
19.	NW of Novitski Hall (Bldg. 249) in SE corner of north parking lot (2-inlets)
20.	NW of Observatory (Bldg. 208) in NW corner of parking lot.

Created by PPD

Version Date: Sept. 1, 2012

UNM