

MS4 ANNUAL REPORT

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

A. PERMITTEE INFORMATION

Permit Number: NMR04A009

Permittee: Department of the Air Force, Kirtland Air Force Base

Mailing Address: 2000 Wyoming Blvd. SE

City, State, and Zip Code: Kirtland AFB, NM 87117-5000

Phone Number: 505-846-7377

Have any areas been added to the MS4 due to annexation or other legal means? YES

NO

If YES, include updated map.

B. REPORTING PERIOD 1 October 2011 to 30 September 2012

C. PROGRAM AREAS (ATTACHMENTS)

Information regarding progress and status for the six individual Minimum Control Measures is provided in the following sections.

This page intentionally left blank.

C.1 PUBLIC EDUCATION AND OUTREACH

1. *Implementation Status*

a. General Summary:

General implementation of Best Management Practices (BMPs) under this Minimum Control Measure have proceeded successfully and as planned.

b. Program elements changed or refined since previous report or permit application:

There have been no changes to the program elements since the previous report.

c. Status of measurable goals:

The completion dates for measurable goals completed during the reporting period for this Minimum Control Measure are found in Table C-1.

2. *Overall compliance with permit conditions*

a. Assessment of the appropriateness of the identified BMP's:

To date the established BMPs under this Minimum Control Measure appear appropriate and reasonable for the Kirtland AFB Phase II storm water program.

b. Progress towards achieving the statutory goal of reducing the discharge of pollutants to the Maximum Extent Practicable (MEP):

All of the current BMPs under this Minimum Control Measure have been fully implemented. These program elements are making strong progress towards the goal of reducing discharge of pollutants to the MEP.

3. *Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.*

Results of monitoring data collected are included in the attached Discharge Monitoring Reports (DMRs). There were a total of three DMRs generated for the reporting period. According to the Kirtland AFB monitoring/assessment plan submitted as part of the first annual report, Kirtland indicated that an attempt would be made to collect no more than four samples during each monitoring year. Kirtland AFB was unable to collect four samples due to construction activities at the City of Albuquerque dam diverting storm water flows away from the collection point. Please note that analysis on fecal coliform was not performed due to hold time exceedance. The analytical data indicates that the program elements have been successful in reducing discharge of pollutants to the MEP.

4. *Brief Summary of storm water activities you plan to undertake during the next reporting cycle (include an implementation schedule).*

Scheduled activities and implementation dates are presented in Table C-1. All of the current BMPs will continue to be implemented during the next reporting cycle.

5. Proposed changes to the program are:

a. Changes to BMPs:

There are no proposed changes to the Best Management Practices (BMPs) for the reporting period.

b. Changes to measurable goals:

Changes and refinements to the measurable goals reflect minor changes in wording and frequency and are as indicated in Table C-1.

6. Statement, if not included in previous reports or application, that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

This is not applicable to the Best Management Practices (BMPs) for this Minimum Control Measure.

7. A summary of the number and nature of inspections and formal enforcement actions performed.

There have been no inspections or formal enforcement actions related to this Minimum Control Measure.

8. Documentation on compliance with public access, review, and comment provision of Part 1.3 of the permit.

This Annual Report will be posted for public review and comment on the Kirtland Air Force Base webpage from 16 November 2012 to 16 December 2012. A public notice regarding the availability of the Annual Report for public review will be published in the Kirtland AFB paper, The Nucleus, on 16 November 2012.

TABLE C-1

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2012 Annual Report Status
<u>1. Public Education and Outreach</u>				
Kirtland Family Housing (KFH) Public Stakeholder Meeting	Participate in a public information meeting and provide storm water pollution prevention awareness and seek public input on general storm water issues.	Attendance at all Attend KFH public stakeholder meetings. Meetings may be held every other year due to minimal public attendance.	December 2010 and continually thereafter	Completed on 24 February 2010 and ongoing
Partnering with Kirtland Civil Engineering Grounds Keeping Department	Partner with CE Grounds Keeping to have appropriate pesticide and herbicide management plans in place to ensure practices address potential impacts to storm water quality.	Ensure pesticide and herbicide management plans are in place to ensure practices address potential impacts to storm water quality.	June 2007 and continually thereafter	Implemented 1 June 2007 and ongoing
	Provide access to reference documents on grounds keeping management practices that minimize pollutant discharges to storm water.	Compile established grounds keeping management practices documentation and make readily available.	March 2009 and continually thereafter	Implemented 17 March 2009 and ongoing
Partnering with KFH Grounds Keeping Department	Partner with Kirtland Family Housing Ground keeping department to have an appropriate management plan in place to ensure practices address potential impacts to storm water quality.	Ensure Kirtland Family Housing Ground keeping management plan is in place to ensure practices address potential impacts to storm water quality.	March 2009 and continually thereafter	Implemented 17 March 2009 and ongoing

TABLE C-1

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2012 Annual Report Status
Partnering with KFH Grounds Keeping Department (continued)	Provide access to reference documents on grounds keeping management practices that minimize pollutant discharges to storm water.	Compile established grounds keeping management practices documentation and make readily available.	March 2009 and continually thereafter	Implemented 17 March 2009 and ongoing
Development and Display of Educational Materials for Base Offices and Housing Residents	Develop storm water-related posters for display in common office areas.	Completion and placement of storm water-related posters in common office areas as required.	Initial posters completed and displayed July 2006, remaining development and display December 2007	Completed 5 December 2007

TABLE C-1

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2012 Annual Report Status
Development and Display of Educational Materials for Base Offices and Housing Residents (continued)	Develop or identify pamphlets and flyer materials appropriate for distribution in common public places.	Storm water education pamphlets and/or flyer materials developed and reproduced and re-stock as needed.	Initial pamphlets and fliers completed and displayed July 2006, remaining development and display December 2007	Implemented 5 December 2007 and ongoing
	Participate in earth day events to be held on base public schools and/or KAFB Boys and Girls Club. KAFB will provide educational material and present water quality impact issues.	Participate in Earth Day events held at the Boys and Girls club as offered.	April 2009 and continually thereafter	Participated 22 April 2009, 21 April 2010, 20 April 2011, 25-26 April 2012, and ongoing
	Develop posters and or flyers and post them on base public schools and/or Kirtland AFB Boys and Girls Club.	Storm water education posters and/or flyers will be developed and posted at all times as frequently as possible.	December 2011	Posters were displayed in front of the Boys and Girls Club at least once during reporting cycle. Implemented 19 July 2011 and ongoing

TABLE C-1

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2012 Annual Report Status
Development and Distribution of Educational Materials to Base Residents	Provide to Kirtland Family Housing Office pamphlets and/or flyer materials for inclusion in New Resident induction packages.	Storm water education pamphlets and/or flyer materials developed, reproduced, and provided, as needed, to Kirtland Family Housing.	March 2008 Pamphlets and/or fliers are included in the new resident induction packages and are restocked and updated on an ongoing basis.	Implemented 17 March 2007 and ongoing
	Develop storm water-related displays for common Kirtland Family Housing areas.	Completion and placement of storm water-related displays in common housing areas as appropriate.	March 2008 and continually thereafter	Completed 13 March 2008 and ongoing
	Place educational materials inside the bulletin boards at the kiosks located in the KFH area to address storm water pollution prevention and the impacts of pollution on water quality.	Storm water educational materials will be reproduced and re-stocked as needed.	December 2009 and continually thereafter	Implemented 22 December 2009 and ongoing
	Develop and place general storm water pollution prevention information signs at various public locations within the KFH area.	Document educational material and location of signs posted.	December 2011	Implemented 16 August 2011 and ongoing
Educational Notices Promoting Storm Water Awareness and Protection	Submit public service announcements that increase awareness of storm water protection.	One storm water awareness advertisement published annually in base newsletter or newspaper.	March 2010 and annually thereafter	Implemented 5 March 2010, 22 April 2011, 22 June 2012 and ongoing

This page intentionally left blank.

C.2 PUBLIC PARTICIPATION AND AWARENESS

1. *Implementation Status*

a. *General Summary:*

General implementation of Best Management Practices (BMPs) under this Minimum Control Measure have proceeded successfully and as planned.

b. *Program elements changed or refined since previous report or permit application:*

c. There have no been no changes to the program elements since the previous report.

d. *Status of measurable goals:*

The completion dates for measurable goals completed during the reporting period for this Minimum Control Measure are found in Table C-2.

2. *Overall compliance with permit conditions*

a. *Assessment of the appropriateness of the identified BMP's:*

To date the established BMPs under this Minimum Control Measure appear appropriate and reasonable for the Kirtland AFB Phase II storm water program.

b. *Progress towards achieving the statutory goal of reducing the discharge of pollutants to the Maximum Extent Practicable (MEP):*

All of the current BMPs under this Minimum Control Measure have been implemented. These program elements are making strong progress towards the goal of reducing discharge of pollutants to the MEP.

3. *Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.*

Results of monitoring data collected are included in the attached Discharge Monitoring Reports (DMRs). There were a total of three DMRs generated for the reporting period. According to the Kirtland AFB monitoring/assessment plan submitted as part of the first annual report, Kirtland indicated that an attempt would be made to collect no more than four samples during each monitoring year. Kirtland AFB was unable to collect four samples due to construction activities at the City of Albuquerque dam diverting storm water flows away from the collection point. Please note that analysis on fecal coliform was not performed due to hold time exceedance. The analytical data indicates that the program elements have been successful in reducing discharge of pollutants to the MEP.

4. *Brief Summary of storm water activities you plan to undertake during the next reporting cycle (include an implementation schedule).*

Scheduled activities and implementation dates are presented in Table C-2. All of the current BMPs will continue to be implemented during the next reporting cycle.

5. *Proposed changes to the program are:*

a. *Changes to BMPs:*

There are no proposed changes to the Best Management Practices (BMPs) for the reporting period.

b. *Changes to measurable goals:*

Changes and refinements to the measurable goals reflect minor changes in wording and frequency and are as indicated in Table C-2.

6. *Statement, if not included in previous reports or application, that you are relying on another government entity to satisfy some of your permit obligations (if applicable).*

This is not applicable to the Best Management Practices (BMPs) for this Minimum Control Measure.

7. *A summary of the number and nature of inspections and formal enforcement actions performed.*

There have been no inspections or formal enforcement actions related to this Minimum Control Measure.

8. *Documentation on compliance with public access, review, and comment provision of Part 1.3 of the permit.*

This Annual Report will be posted for public review and comment on the Kirtland Air Force Base webpage from 16 November 2012 to 16 December 2012. A public notice regarding the availability of the Annual Report for public review will be published in the Kirtland AFB paper, The Nucleus, on 16 November 2012.

TABLE C-2

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2011 Annual Report Status
<u>2. Public Participation and Awareness</u>				
Public Stakeholder Meeting	Participate in a public information meeting and provide storm water pollution prevention awareness and seek public input on general storm water issues.	Attendance at all Attend KFH public stakeholder meetings. Meetings may be held every other year due to minimal public attendance.	December 2010 and continually thereafter	Completed on 24 February 2010 and ongoing
Provide Access to Appropriate Resources for Pollution Prevention Information and Reporting	Provide a web-based information service for storm water and/or pollution prevention issues.	Storm water-related information and contact information provided on Kirtland AFB web site.	March 2010 and continually thereafter	Implemented 4 March 2010 and ongoing
	Provide a phone-based line for requesting information or reporting storm water pollution issues or requesting access to the Kirtland AFB NOI or SWMP.	A contact phone number for storm water information and reporting is provided on storm water-related printed materials distributed by Kirtland AFB Natural Resource Management.	December 2007 and continually thereafter	Implemented 5 December 2007 and ongoing Phone contact information is provided on materials distributed.
Solicit Public Input on Storm Water Related Issues and Activities	Provide comment boxes at appropriate public locations to seek public input and/or suggestions on pollution prevention and storm water-related subjects.	Provide comment box at storm water displays and public meeting events. Comments received will be reviewed on an ongoing basis and incorporated into the storm water program as appropriate.	March 2010 and continually thereafter	Implemented 31 March and ongoing

TABLE C-2

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2011 Annual Report Status
Illegal Dumping/General Awareness	Label storm drain and storm grate inlets with illegal dumping labels throughout the Kirtland AFB areas covered under the Small MS4 permit.	Labeled storm drains and storm grate inlets.	December 2007 and continually thereafter	Implemented 19 December 2007 and ongoing Storm drains and grates are continuously labeled as identified. Maintenance and replacement, as needed, is ongoing.
General Public Participation, Pet Waste Collection	Provide pet feces collection stations in the Kirtland Family Housing areas. Kirtland Family Housing has installed five dog feces collection stations (with doggie bags) that are situated throughout the public areas of the housing area. These stations are checked twice a week, emptied, and new bags placed at the station as needed. On-going.	Stations installed and maintained.	September 2006 and continually thereafter	Implemented 14 September 2006 and ongoing Kirtland Family Housing has installed five dog feces collection stations (with doggie bags) that are situated throughout the public areas of the housing area. These stations are checked twice a week, emptied, and new bags placed at the station as needed.

C.3 ILLICIT DISCHARGE DETECTION AND ELIMINATION

1. *Implementation Status*

a. *General Summary:*

General implementation of Best Management Practices (BMPs) under this Minimum Control Measure have proceeded successfully and as planned.

b. *Program elements changed or refined since previous report or permit application:*

c. There have been no changes to the program elements since the previous report.

d. *Status of measurable goals:*

The completion dates for measurable goals completed during the reporting period for this Minimum Control Measure are found in Table C-3.

2. *Overall compliance with permit conditions*

a. *Assessment of the appropriateness of the identified BMP's:*

To date the established BMPs under this Minimum Control Measure appear appropriate and reasonable for the Kirtland AFB Phase II storm water program.

b. *Progress towards achieving the statutory goal of reducing the discharge of pollutants to the Maximum Extent Practicable (MEP):*

All of the current BMPs under this Minimum Control Measure have been implemented. These program elements are making strong progress towards the goal of reducing discharge of pollutants to the MEP.

3. *Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.*

Results of monitoring data collected are included in the attached Discharge Monitoring Reports (DMRs). There were a total of three DMRs generated for the reporting period. According to the Kirtland AFB monitoring/assessment plan submitted as part of the first annual report, Kirtland indicated that an attempt would be made to collect no more than four samples during each monitoring year. Kirtland AFB was unable to collect four samples due to construction activities at the City of Albuquerque dam diverting storm water flows away from the collection point. Please note that analysis on fecal coliform was not performed due to hold time exceedance. The analytical data indicates that the program elements have been successful in reducing discharge of pollutants to the MEP.

4. *Brief Summary of storm water activities you plan to undertake during the next reporting cycle (include an implementation schedule).*

Scheduled activities and implementation dates are presented in Table C-3. All of the current BMPs will continue to be implemented during the next reporting cycle.

5. *Proposed changes to the program are:*

a. *Changes to BMPs:*

There are no proposed changes to the Best Management Practices (BMPs) for the reporting period.

b. *Changes to measurable goals:*

There have been no changes to the measurable goals for the reporting period.

6. *Statement, if not included in previous reports or application, that you are relying on another government entity to satisfy some of your permit obligations (if applicable).*

This is not applicable to the Best Management Practices (BMPs) for this Minimum Control Measure.

7. *A summary of the number and nature of inspections and formal enforcement actions performed.*

There have been no inspections or formal enforcement actions related to this Minimum Control Measure.

8. *Documentation on compliance with public access, review, and comment provision of Part 1.3 of the permit.*

This Annual Report will be posted for public review and comment on the Kirtland Air Force Base webpage from 16 November 2012 to 16 December 2012. A public notice regarding the availability of the Annual Report for public review will be published in the Kirtland AFB paper, The Nucleus, on 16 November 2012.

TABLE C-3

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2010 Annual Report Status
3. Illicit Discharge Detection and Elimination				
Identify and Inventory Base Oil Water Separator (OWS) Systems	An inventory of all base OWS systems will be compiled and maintained. Sampling results, clean-outs and maintenance documentation from individual OWS's will be maintained and inspections of individual systems will be conducted on an as needed basis.	An established OWS Management Program exists which maintains an inventory of all active OWS and records of regular maintenance, sampling, and cleanout procedures.	December 1998 and continually thereafter	Implemented 10 December 1998 and ongoing Kirtland AFB has an established OWS Management Program. The CE contractor maintains the cleanout records and the Environmental office maintains sampling records and the OWS inventory.
	Verify and document individual OWS connections to the sanitary sewer. OWS systems connected to the storm sewer or those that are undersized will be upgraded as appropriate.	OWS systems are appropriately connected to the sanitary sewer.	December 1999 and continually thereafter	Implemented 1 December 1999 and ongoing The original OWS survey completed for the base identified OWS systems that were connected or cross-connected to the storm sewer system. Required upgrades and elimination of cross-connections were completed. All existing OWS systems are appropriately connected to the sanitary sewer.

TABLE C-3

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2010 Annual Report Status
Maintain Base Storm Sewer System Map	A Kirtland AFB sewer system map will be maintained. Maps include both sanitary and storm sewer elements (i.e. lines, influent locations, effluent locations, etc.)	Kirtland AFB storm sewer and sanitary sewer system maps are complete and are updated and maintained on an ongoing basis.	June 2007 and continually thereafter	Implemented 1 June 2007 and ongoing Storm sewer and sanitary sewer system maps are maintained by, updated by, and available from Kirtland AFB CE.
Identify and Inventory Base Septic Systems	An inventory of all base septic systems will be compiled and maintained. Inspections of individual systems on an as needed basis.	Kirtland AFB has completed the development of a Septic Tank Management Plan that includes an inventory of all active and inactive septic tanks. Septic tanks are cleaned out periodically to insure proper operation.	December 1997 and continually thereafter	Implemented 9 December 1997 and ongoing Plan updated as required to reflect current inventories and conditions.
Allowable Non-Storm Water Discharges (Club and Fundraiser Car Washing Events)	Club or fundraiser car washes are conducted in a manner that appropriately addresses potential impacts to storm water pollution.	Develop a guidance document for club or fundraiser car washes that addresses potential storm water pollution. Organizations that wish to conduct fundraiser car washes must notify and gain approval from the Environmental office prior to scheduling the event.	June 2007 and continually thereafter	Implemented 1 June 2007 and ongoing There is an established process for club or fundraiser car washes to obtain approval from the Environmental office which also provides appropriate guidance for managing materials and discharges from the event.

TABLE C-3

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2010 Annual Report Status
Dry Weather Inspections	<p>Inspections of storm water discharge locations will be conducted to identify and investigate any illicit, inappropriate, or undocumented non-storm water discharges to the storm sewer system. Upon identification, the potential illicit discharge will be traced back to its source and corrective action will be taken.</p>	<p>Conduct quarterly dry weather inspections of storm water discharge outfall locations per year.</p>	<p>December 2008 and continually thereafter</p>	<p>Implemented 3 December 2008 and ongoing</p>
	<p>If an illicit connection is identified, investigation to identify the source will be initiated and corrective action will be taken to eliminate the discharge.</p>	<p>Investigate and identify source of dry weather discharge. Halt (when possible) illegal discharges. Options for upgrade, maintenance, or repair of illicit or inappropriate discharges will be identified, necessary funding will be allocated, and a schedule for upgrade, modification, and/or elimination will be identified.</p> <p>It should be noted that all actual upgrades and modifications will be completed as funding becomes available.</p>	<p>June 2007 and continually thereafter as identified</p>	<p>Implemented 1 June 2007 and ongoing</p>

TABLE C-3

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2010 Annual Report Status
Illegal Dumping	Label storm drain and storm grate inlets with illegal dumping labels throughout the Kirtland AFB areas covered under the Small MS4 permit.	Labeled storm drains and storm grate inlets.	December 2007 and continually thereafter	Implemented 19 December 2007 and ongoing Storm drains and grates are continuously labeled as identified. Maintenance and replacement, as needed, is ongoing.
	Provide a phone-based line for reporting illegal dumping or storm water pollution issues.	A contact phone number for storm water information and pollution issue reporting is provided on storm water-related printed materials. Calls received after business hours will be returned the following business day.	December 2007 and continually thereafter	Implemented 5 December 2007 and ongoing Phone contact information is provided on material distributed.
	Provide a web-based information service for storm water and/or pollution prevention issues.	Storm water-related information and contact information provided on Kirtland AFB web site.	March 2010 and continually thereafter	Implemented 4 March 2010 and ongoing
Incorporate Appropriate Waste Discharge Design into Construction Projects	Ensure that new construction projects or renovation projects incorporate appropriate design for waste lines to connect to proper collection system in order to avoid cross-connections to the storm sewer.	Participate in pre-design decision making to ensure construction projects incorporate appropriate design to avoid cross-connections to the storm sewer.	June 2007 and continually thereafter	Implemented 1 June 2007 and ongoing Established process to review new construction designs to ensure that new cross-connections do not occur.

C.4 CONSTRUCTION SITE RUNOFF CONTROL

1. *Implementation Status*

a. *General Summary:*

General implementation of Best Management Practices (BMPs) under this Minimum Control Measure have proceeded successfully and as planned.

b. *Program elements changed or refined since previous report or permit application:*

c. There have been no changes to the program elements since the previous report.

d. *Status of measurable goals:*

The completion dates for measurable goals completed during the reporting period for this Minimum Control Measure are found in Table C-4.

2. *Overall compliance with permit conditions*

a. *Assessment of the appropriateness of the identified BMP's:*

To date the established BMPs under this Minimum Control Measure appear appropriate and reasonable for the Kirtland AFB Phase II storm water program.

b. *Progress towards achieving the statutory goal of reducing the discharge of pollutants to the Maximum Extent Practicable (MEP):*

All of the current BMPs under this Minimum Control Measure have been implemented. These program elements are making strong progress towards the goal of reducing discharge of pollutants to the MEP.

3. *Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.*

Results of monitoring data collected are included in the attached Discharge Monitoring Reports (DMRs). There were a total of three DMRs generated for the reporting period. According to the Kirtland AFB monitoring/assessment plan submitted as part of the first annual report, Kirtland indicated that an attempt would be made to collect no more than four samples during each monitoring year. Kirtland AFB was unable to collect four samples due to construction activities at the City of Albuquerque dam diverting storm water flows away from the collection point. Please note that analysis on fecal coliform was not performed due to hold time exceedance. The analytical data indicates that the program elements have been successful in reducing discharge of pollutants to the MEP.

4. *Brief Summary of storm water activities you plan to undertake during the next reporting cycle (include an implementation schedule).*

Scheduled activities and implementation dates are presented in Table C-4. All of the current BMPs will continue to be implemented during the next reporting cycle.

5. *Proposed changes to the program are:*

a. *Changes to BMPs:*

There are no proposed changes to the Best Management Practices (BMPs) for the reporting period.

b. *Changes to measurable goals:*

There have been no changes to the measurable goals for the reporting period.

6. *Statement, if not included in previous reports or application, that you are relying on another government entity to satisfy some of your permit obligations (if applicable).*

This is not applicable to the Best Management Practices (BMPs) for this Minimum Control Measure.

7. *A summary of the number and nature of inspections and formal enforcement actions performed.*

There have been no inspections or formal enforcement actions related to this Minimum Control Measure.

8. *Documentation on compliance with public access, review, and comment provision of Part 1.3 of the permit.*

This Annual Report will be posted for public review and comment on the Kirtland Air Force Base webpage from 16 November 2012 to 16 December 2012. A public notice regarding the availability of the Annual Report for public review will be published in the Kirtland AFB paper, The Nucleus, on 16 November 2012.

TABLE C-4

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2011 Annual Report Status
<u>4. Construction Site Runoff Control</u>				
National Pollutant Discharge Elimination System (NPDES) – Storm Water Construction General Permit (CGP), Compliance and Enforcement on Kirtland AFB	Review all new construction projects on Kirtland AFB for potential NPDES Construction General Permit (CGP) requirements and maintains an inventory of active permitted construction sites and previously closed construction sites.	Review new construction projects to evaluate NPDES requirements and storm water pollution issues and maintain inventory of active construction sites and previously closed construction sites.	September 2003 and continually thereafter	Implemented 15 September 2003 and ongoing Established storm water construction permit compliance oversight program. The program has the authority to direct storm water runoff requirements at construction sites and provides storm water awareness educational resources to entities undertaking construction projects on base. This is an ongoing program.
	For projects requiring NPDES CGP coverage, personnel will assist and document that contractors develop required Storm Water Pollution Prevention Plan (SWPPP), Notice of Intent, and Notice of Termination documentation. The final SWPPP will be reviewed for compliance with the CGP language.	Verify development of appropriate NPDES-CGP documentation for base projects subject to NPDES-CGP requirements. Provide Kirtland AFB general CGP SWPPP to include as an attachment to the contractors' site specific SWPPP.		
	Conduct periodic inspections of active CGP covered sites to ensure compliance with site specific SWPPP.	Conduct and document inspections at all active CGP covered site at least once per month during active site work.		

TABLE C-4

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2011 Annual Report Status
<p>National Pollutant Discharge Elimination System (NPDES) – Storm Water Construction General Permit (CGP), Compliance and Enforcement on Kirtland AFB (continued)</p>	<p>Deficiencies noted during inspections will be identified on inspection reports for corrective action by contractor.</p>	<p>Document deficiencies and corrective actions taken.</p>	<p>September 2003 and continually thereafter</p>	<p>Implemented 15 September 2003 and ongoing Established storm water construction permit compliance oversight program. The program has the authority to direct storm water runoff requirements at construction sites and provides storm water awareness educational resources to entities undertaking construction projects on base. This is an ongoing program.</p>
	<p>Develop and place NPDES CGP awareness posters or brochures at all active permitted construction sites.</p>	<p>Posters or brochures placed at construction sites.</p>	<p>June 2010 and continually thereafter</p>	<p>Implemented 29 June 2010 and ongoing</p>
	<p>Develop a CGP compliance training presentation. The contractor personnel responsible for CGP compliance and SWPPP implementation will be required to complete this training prior to start of project activities.</p>	<p>Number of contractor personnel completing training.</p>	<p>December 2010</p>	<p>Training presentation available as of 18 October 2010. Numerous CGPs issued during reporting cycle. All contractors have completed the referenced training.</p>

TABLE C-4

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2011 Annual Report Status
National Pollutant Discharge Elimination System (NPDES) – MS4 Storm Water Construction Compliance and Enforcement on Kirtland AFB	Review and comment on project designs that will have ground disturbance. In addition, KAFB attends design review meetings when possible.	Comments are made on BMP requirements on all project designs that will have land disturbance.	October 2009 and continually thereafter	Implemented on 1 October 2009 and ongoing
	Require contractors conducting projects on base that will have land disturbance to implement BMP's to mitigate storm water pollution.	Make contractors aware of water quality BMPs.	March 2010 and continually thereafter	Implemented 1 October 2009 and ongoing
	Review all dig permits, Environmental assessments, 813's and work order's that may impact storm water. Comments are made on these documents informing the contractor of the BMP storm water requirements.	All dig permits, Environmental Assessments, 813's, and work orders commented on regarding storm water BMP requirements.	October 2009 and continually thereafter	Implemented 1 October 2009 and ongoing

TABLE C-4

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2011 Annual Report Status
<p>National Pollutant Discharge Elimination System (NPDES) – MS4 Storm Water Construction Compliance and Enforcement on Kirtland AFB (continued)</p>	<p>Obtain spreadsheets of all current fiscal year projects on an annual basis to ensure all projects that have land disturbance are examined.</p>	<p>Spreadsheets are obtained from Civil Engineering on an annual basis.</p>	<p>February 2010 and continually thereafter</p>	<p>Implemented 3 February 2010 and ongoing</p>
<p>National Pollutant Discharge Elimination System (NPDES) – Overall (both MS4 and CGP) Storm Water Construction Compliance and Enforcement on Kirtland AFB</p>	<p>Air Force Sustainable Design and Development (SDD) Policy Memorandum dated July 2007, states that all MILCON construction projects shall be designed to be capable of achieving Leadership in Energy and Environmental Design (LEED) Silver Certification.</p>	<p>100% of new MILCON construction projects are capable of achieving LEED Silver Certification.</p>	<p>October 2008 and continually thereafter</p>	<p>Implemented 1 October 2008 and ongoing Implemented pursuant to the referenced policy memorandum.</p>

TABLE C-4

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2011 Annual Report Status
<p>National Pollutant Discharge Elimination System (NPDES) – Overall (both MS4 and CGP) Storm Water Construction Compliance and Enforcement on Kirtland AFB (continued)</p>	<p>In accordance with section 438 of the Energy Independence and Security Act: Storm Water Runoff Requirements for Federal Development Projects. The sponsor of any development or redevelopment project involving a federal facility with a footprint that exceeds 5,000 square feet shall use site planning, design, construction, and maintenance strategies for the property to maintain or restore, to the maximum extent technically feasible, the predevelopment hydrology of the property with regard to the temperature, rate, volume, and duration of flow.</p>	<p>100% of projects meet the acts requirements by incorporating various BMP's and Low Impact Designs (LID). This would potentially include, but not limited to; detention basins, vegetated drainage swales throughout the site, vegetative buffers separating various impervious areas of the site, pervious pavers, etc.</p>	<p>February 2010 and continually thereafter</p>	<p>Implemented on 1 February 2010 and ongoing</p> <p>Implemented pursuant to the Department of Defense guidelines. Construction projects proposed after the expected implementation date have incorporated the requirements into the design phase.</p>

TABLE C-4

This page intentionally left blank.

C.5 POST-CONSTRUCTION SITE RUNOFF CONTROL

1. *Implementation Status*

a. *General Summary:*

General implementation of Best Management Practices (BMPs) under this Minimum Control Measure have proceeded successfully and as planned.

b. *Program elements changed or refined since previous report or permit application:*

c. There have been no changes to the program elements for the reporting period. However, construction project final stabilization practices are currently being reevaluated.

d. *Status of measurable goals:*

The completion dates for measurable goals completed during the reporting period for this Minimum Control Measure are found in Table C-5.

2. *Overall compliance with permit conditions*

a. *Assessment of the appropriateness of the identified BMP's:*

To date the established BMPs under this Minimum Control Measure appear appropriate and reasonable for the Kirtland AFB Phase II storm water program.

b. *Progress towards achieving the statutory goal of reducing the discharge of pollutants to the Maximum Extent Practicable (MEP):*

All of the current BMPs under this Minimum Control Measure have been implemented. These program elements are making strong progress towards the goal of reducing discharge of pollutants to the MEP.

3. *Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.*

Results of monitoring data collected are included in the attached Discharge Monitoring Reports (DMRs). There were a total of three DMRs generated for the reporting period. According to the Kirtland AFB monitoring/assessment plan submitted as part of the first annual report, Kirtland indicated that an attempt would be made to collect no more than four samples during each monitoring year. Kirtland AFB was unable to collect four samples due to construction activities at the City of Albuquerque dam diverting storm water flows away from the collection point. Please note that analysis on fecal coliform was not performed due to hold time exceedance. The analytical data indicates that the program elements have been successful in reducing discharge of pollutants to the MEP.

4. *Brief Summary of storm water activities you plan to undertake during the next reporting cycle (include an implementation schedule).*

Scheduled activities and implementation dates are presented in Table C-5. All of the current BMPs will continue to be implemented during the next reporting cycle.

5. *Proposed changes to the program are:*

a. *Changes to BMPs:*

There are no proposed changes to the Best Management Practices (BMPs) for the reporting period.

b. *Changes to measurable goals:*

There have been no changes to the measurable goals for the reporting period.

6. *Statement, if not included in previous reports or application, that you are relying on another government entity to satisfy some of your permit obligations (if applicable).*

This is not applicable to the Best Management Practices (BMPs) for this Minimum Control Measure.

7. *A summary of the number and nature of inspections and formal enforcement actions performed.*

There have been no inspections or formal enforcement actions related to this Minimum Control Measure.

8. *Documentation on compliance with public access, review, and comment provision of Part 1.3 of the permit.*

This Annual Report will be posted for public review and comment on the Kirtland Air Force Base webpage from 16 November 2012 to 16 December 2012. A public notice regarding the availability of the Annual Report for public review will be published in the Kirtland AFB paper, The Nucleus, on 16 November 2012. No public comments were received.

TABLE C-5

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2011 Annual Report Status
5. Post-Construction Site Runoff Control				
<p>Long Term Operation and Maintenance of Structural Storm Water BMPs (Kirtland AFB Proper)</p>	<p>Kirtland AFB is the final owner of all structural storm water BMPs installed throughout the base. As such Kirtland AFB Grounds Maintenance is responsible for ongoing operation and maintenance of all structural storm water BMPs.</p>	<p>Review existing ground maintenance plans for adequacy to ensure that structural storm water BMPs are maintained to support post-construction site-runoff goals. Kirtland AFB Grounds Maintenance will plan and track maintenance activities.</p>	<p>March 2009 and continually thereafter</p>	<p>Implemented 17 March 2009 and ongoing</p>
<p>Long Term Operation and Maintenance of Structural Storm Water BMPs (Kirtland Family Housing Area)</p>	<p>Kirtland Family Housing (KFH) is the final owner of all structural storm water BMPs within the KFH area. As such KFH Grounds Maintenance is responsible for ongoing operation and maintenance of their structural storm water BMPs. Partner with KFH Ground Keeping Department to ensure the management plan addresses potential impacts to storm water pollution, supports post-construction site-runoff goals, and directs appropriate operation and maintenance of structural storm water BMPs.</p>	<p>Review existing ground maintenance plans for adequacy to ensure that structural storm water BMPs are maintained to support post-construction site-runoff goals. KFH Grounds Maintenance will plan and track maintenance activities.</p>	<p>March 2009 and continually thereafter</p>	<p>Implemented 17 March 2009 and ongoing</p>

TABLE C-5

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2011 Annual Report Status
Post Construction Stabilization - Seeding	Kirtland AFB will require that CGP sites disturbed during construction be re-seeded with native seed mix. Kirtland AFB enforces this requirement to ensure 70% pre-existing vegetative cover is established in a timely manner to stabilize the surface.	Guidance that directs use of native seed mixes and post-construction establishment of vegetative cover is in place.	June 2007 and continually thereafter	Implemented 1 June 2007 and ongoing CGP sites are not achieving 70% vegetative coverage in a timely manner due to semi-arid climate conditions. KAFB is currently reevaluating final stabilization practices.
Post Construction Stabilization – Seeding (MS4)	Kirtland AFB requires that sites that are not subject to the CGP 2008 but are over an acre be re-seeded with native seed mix. Kirtland AFB enforces this requirement to ensure 70% pre-existing vegetative cover is established in a timely manner to stabilize the surface.	Guidance that directs use of native seed mixes and post-construction establishment of vegetative cover is in place.	June 2009 and continually thereafter	Implemented 1 June 2009 and ongoing CGP sites are not achieving 70% vegetative coverage in a timely manner due to semi-arid climate conditions. KAFB is currently reevaluating final stabilization practices.

TABLE C-5

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2011 Annual Report Status
Post-Construction Inspections	Conduct inspections at completed construction sites (previously covered under NPDES CGP) to evaluate condition of site runoff controls and determine if maintenance is required in accordance with the CGP state specific requirements.	Inspect each construction site until 70% of pre-existing vegetative cover is re-established in accordance with the CGP state specific requirements.	March 2009 and continually thereafter	Implemented 10 March 2009 and ongoing The Kirtland AFB storm water construction permit compliance oversight program will ensure sites are being inspected following construction until sites achieve 70% of the pre-existing vegetative coverage.
Provide Educational Materials for Groups Doing Development or Construction on Base	Educational materials related to storm water management will be made available to developers or other groups planning or conducting construction projects on the base.	Maintain educational materials regarding storm water education and planning that can be provided to developers as requested.	June 2011 and continually thereafter	Educational materials made available on 3 January 2011 and ongoing
National Pollutant Discharge Elimination System (NPDES) –Storm Water Construction Compliance and Enforcement on Kirtland AFB	Air Force Sustainable Design and Development (SDD) Policy Memorandum dated July 2007, states that all MILCON construction projects shall be designed to be capable of achieving Leadership in Energy and Environmental Design (LEED) Silver Certification.	100% of new MILCON construction projects are capable of achieving LEED Silver Certification.	October 2008 and continually thereafter	Implemented 1 October 2008 and ongoing Implemented pursuant to the referenced policy memorandum.

TABLE C-5

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2011 Annual Report Status
<p>National Pollutant Discharge Elimination System (NPDES) –Storm Water Construction Compliance and Enforcement on Kirtland AFB (continued)</p>	<p>In accordance with section 438 of the Energy Independence and Security Act: Storm Water Runoff Requirements for Federal Development Projects. The sponsor of any development or redevelopment project involving a federal facility with a footprint that exceeds 5,000 square feet shall use site planning, design, construction, and maintenance strategies for the property to maintain or restore, to the maximum extent technically feasible, the predevelopment hydrology of the property with regard to the temperature, rate, volume, and duration of flow.</p>	<p>100% of projects meet the acts requirements by incorporating various BMP's and Low Impact Designs (LID). This would potentially include, but not limited to; detention basins, vegetated drainage swales throughout the site, vegetative buffers separating various impervious areas of the site, pervious pavers, etc.</p>	<p>February 2010 and continually thereafter</p>	<p>Implemented on 1 February 2010 and ongoing</p> <p>Implemented pursuant to the Department of Defense guidelines. Construction projects proposed after the expected implementation date have incorporated the requirements into the design phase.</p>

C.6 POLLUTION PREVENTION/GOOD HOUSEKEEPING

1. *Implementation Status*

a. *General Summary:*

General implementation of Best Management Practices (BMPs) under this Minimum Control Measure have proceeded successfully and as planned.

b. *Program elements changed or refined since previous report or permit application:*

c. There have been no changes to the program elements since the previous report.

d. *Status of measurable goals:*

The completion dates for measurable goals completed during the reporting period for this Minimum Control Measure are found in Table C-6.

2. *Overall compliance with permit conditions*

a. *Assessment of the appropriateness of the identified BMP's:*

To date the established BMPs under this Minimum Control Measure appear appropriate and reasonable for the Kirtland AFB Phase II storm water program.

b. *Progress towards achieving the statutory goal of reducing the discharge of pollutants to the Maximum Extent Practicable (MEP):*

All of the current BMPs under this Minimum Control Measure have been implemented. These program elements are making strong progress towards the goal of reducing discharge of pollutants to the MEP.

3. *Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.*

Results of monitoring data collected are included in the attached Discharge Monitoring Reports (DMRs). There were a total of three DMRs generated for the reporting period. According to the Kirtland AFB monitoring/assessment plan submitted as part of the first annual report, Kirtland indicated that an attempt would be made to collect no more than four samples during each monitoring year. Kirtland AFB was unable to collect four samples due to construction activities at the City of Albuquerque dam diverting storm water flows away from the collection point. Please note that analysis on fecal coliform was not performed due to hold time exceedance. The analytical data indicates that the program elements have been successful in reducing discharge of pollutants to the MEP.

4. *Brief Summary of storm water activities you plan to undertake during the next reporting cycle (include an implementation schedule).*

Scheduled activities and implementation dates are presented in Table C-6. All of the current BMPs will continue to be implemented during the next reporting cycle.

5. *Proposed changes to the program are:*

a. *Changes to BMPs:*

There are no proposed changes to the Best Management Practices (BMPs) for the reporting period.

b. *Changes to measurable goals:*

Changes and refinements to the measurable goals reflect minor changes in wording and frequency and are as indicated in Table C-6.

6. *Statement, if not included in previous reports or application, that you are relying on another government entity to satisfy some of your permit obligations (if applicable).*

This is not applicable to the Best Management Practices (BMPs) for this Minimum Control Measure.

7. *A summary of the number and nature of inspections and formal enforcement actions performed.*

There have been no inspections or formal enforcement actions related to this Minimum Control Measure.

8. *Documentation on compliance with public access, review, and comment provision of Part 1.3 of the permit.*

This Annual Report will be posted for public review and comment on the Kirtland Air Force Base webpage from 16 November 2012 to 16 December 2012. A public notice regarding the availability of the Annual Report for public review will be published in the Kirtland AFB paper, The Nucleus, on 16 November 2012.

TABLE C-6

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2010 Annual Report Status
6. Pollution Prevention/Good Housekeeping				
Road Maintenance/ Storm Water Grate Cleaning	A regular schedule for conducting cleaning of base roadways, parking lots, and other appropriate paved areas is established.	<p>The Environmental office and base facility operations office establish and implement a schedule for regular cleaning of base roadways, parking lots, and other appropriate paved areas.</p> <p>Provisions are in place that allow for non-scheduled street cleaning if needed due to a spill, release, or atypical sediment accumulation event.</p>	June 2007 and continually thereafter	<p>Implemented 1 June 2007 and ongoing</p> <p>Roadway cleaning occurs daily on base, on a rotating basis at various base locations.</p>
Vehicle Maintenance/Washing	Educational information regarding best management practices for vehicle maintenance and washing is available for base residents.	Provide educational material regarding vehicle washing and maintenance best practices for distribution to new residents of Kirtland Family Housing.	March 2008 and continually thereafter	Implemented 17 March 2008 and ongoing
	Club or fundraiser car washes are conducted in a manner that appropriately addresses potential impacts to storm water pollution.	Develop a guidance document for club or fundraiser car washes that addresses potential storm water pollution. Organizations that wish to conduct fundraiser car washes must notify and gain approval from the Environmental office prior to scheduling the event.	March 2008 and continually thereafter	<p>Implemented 1 June 2007 and ongoing</p> <p>There is an established process for club or fundraiser car washes to obtain approval from the Environmental office which also provides appropriate guidance for managing materials and discharges from the event.</p>

TABLE C-6

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2010 Annual Report Status
Partnering with Kirtland Civil Engineering Grounds Keeping Department	Partner with CE Grounds Keeping to have appropriate pesticide and herbicide management plans in place to ensure practices address potential impacts to storm water quality.	Pesticide and herbicide management plans in place and reviewed as required.	June 2007 and continually thereafter	Implemented 1 June 2007 and ongoing An established document is in place.
Appropriate Spill Response Procedures and Plans	Maintain appropriate hazardous materials inventory and response programs and procedures to address release of hazardous materials and waste to minimize impacts to storm water. Weekly inspections are conducted at all hazardous waste sites in accordance with KAFB hazardous waste program established procedures. Periodic inspections of hazardous material storage areas are conducted by the organization as required by Air Force Instruction (AFI).	Hazardous waste site will document weekly hazardous waste inspections and organizations will continue to conduct hazardous material inspections in accordance with the AFI.	June 2007 and continually thereafter	Implemented 1 June 2007 and ongoing Kirtland AFB maintains a Hazardous Materials Emergency Planning and Response Plan and a database of all sites that have hazardous materials and waste.

TABLE C-6

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2010 Annual Report Status
Appropriate Spill Response Procedures and Plans (continued)	Maintain appropriate spill response programs and procedures (SPCC) to address release of petroleum products and minimize impacts to storm water.	Continue to implement SPCC plan, review and update as necessary.	June 2007 and continually thereafter	Implemented 1 June 2007 and ongoing Kirtland AFB maintains an active SPCC (Spill Prevention Control and Countermeasure) plan and program that details measures to control potential releases of petroleum products which complies with Federal, State, and local requirements.
Salting of Roadways	Institute appropriate roadway deicing material storage and application protocols that will not cause storm water impacts from over application.	Review established procedures for roadway deicing material application and storage processes.	June 2007 and continually thereafter	Implemented 1 June 2007 and ongoing Kirtland AFB has an established Standard Operating Procedure (SOP) for roadway deicing and application rates that is implemented by the CE contractor.
Conduct Staff Assisted Visits (SAVs)	Periodically conduct SAVs to address potential impacts to water quality and provide input to the public on pollution prevention and good housekeeping measures.	SAVs will be conducted at least quarterly routinely. Documentation will be retained.	January 2009 and continually thereafter	Implemented 1 January 2009 and ongoing

TABLE C-6

General BMP	BMP Description	Measurable Goal	Expected Implementation Date	2010 Annual Report Status
General Public Participation, Pet Waste Collection	Provide pet feces collection stations in the Kirtland Family Housing areas.	Stations installed and maintained.	September 2006 and continually thereafter	Implemented 14 September 2006 and ongoing Kirtland Family Housing has installed five dog feces collection stations (with doggie bags) that are situated throughout the public areas of the housing area. These stations are checked twice a week, emptied, and new bags placed at the station as needed.
Recycling Practices	Institute an appropriate recycling program.	Amount of waste material recycled.	June 2007 and continually thereafter	Implemented 1 June 2007 and ongoing Kirtland AFB has an established recycling program through Solid Waste program.

TABLE C-6

This page intentionally left blank.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME DEPARTMENT OF THE AIR FORCE
 ADDRESS KIRTLAND AIR FORCE BASE, NM
 2000 WYOMING BLVD. SE 87117-5000

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)

Form Approved.
 OMB No. 2040-0004
 Approval expires 05-31-98

NMR04A009
 PERMIT NUMBER

OUTFALL F
 DISCHARGE NUMBER

FACILITY LOCATION

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2012	01	01	2012	12	31
(20-21)		(22-23)		(24-25)	
		(26-27)		(28-29)	
				(30-31)	

Check here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS (46-53)	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-45)	AVERAGE (38-45)	MAXIMUM (38-45)				
ALUMINUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	7.38	MG/L	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/365	GRAB
ARSENIC	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.020	MG/L	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/365	GRAB
CADMIUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.0020	MG/L	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/365	GRAB
COPPER	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.04	MG/L	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/365	GRAB
IRON	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	7.07	MG/L	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/365	GRAB
LEAD	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.041	MG/L	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		****	*****	*****			2/365	GRAB
MAGNESIUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	5	MG/L	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/365	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER John C. Kubinec COL., USAF, COMMANDER TYPED OR PRINTED	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.	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	505 846-8577			
		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SAMPLE COLLECTED 11 MAY 2012

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME DEPARTMENT OF THE AIR FORCE
 ADDRESS KIRTLAND AIR FORCE BASE, NM
 2000 WYOMING BLVD. SE 87117-5000

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

Form Approved.
 OMB No. 2040-0004
 Approval expires 05-31-98

NMR04A009
 PERMIT NUMBER

OUTFALL F
 DISCHARGE NUMBER

FACILITY
 LOCATION

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2012	01	01	TO 2012	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

Check here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only (46-53) (54-61) (54-61))			QUALITY OR CONCENTRATION (4 Card Only (38-45) (46-53) (54-61))			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
MERCURY	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.0002	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
SELENIUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.040	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
SILVER	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.0020	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
ZINC	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.032	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
PETROLEUM HYDROCARBONS	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<5.00	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
Total Cyanide	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.010	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		****	*****	*****			
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	***	*****	*****
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER John C. Kubinec COL., USAF, COMMANDER TYPED OR PRINTED	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.	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	505	846-8577		
		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SAMPLE COLLECTED 11 MAY 2012

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME DEPARTMENT OF THE AIR FORCE
 ADDRESS KIRTLAND AIR FORCE BASE, NM
 2000 WYOMING BLVD. SE 87117-5000

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

Form Approved.
 OMB No. 2040-0004
 Approval expires 05-31-98

NMR04A009
 PERMIT NUMBER

OUTFALL F
 DISCHARGE NUMBER

FACILITY
 LOCATION

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2012	01	01	TO 2012	12	31
(20-21) (22-23) (24-25)			(26-27) (28-29) (30-31)		

Check here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
ALUMINUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	8.66	0	2/365	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****				
ARSENIC	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.005	0	2/365	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****				
CADMIUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.0004	0	2/365	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****				
COPPER	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.03	0	2/365	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****				
IRON	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	7.55	0	2/365	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****				
LEAD	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.016	0	2/365	GRAB	
	PERMIT REQUIREMENT	*****	*****		****	*****	*****				
MAGNESIUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	6	0	2/365	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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.					TELEPHONE		DATE		
John C. Kubinec COL., USAF, COMMANDER							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		505	846-8577	
TYPED OR PRINTED				AREA CODE	NUMBER	YEAR	MO	DAY			

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SAMPLE COLLECTED 2 JULY 2012

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME DEPARTMENT OF THE AIR FORCE
 ADDRESS KIRTLAND AIR FORCE BASE, NM
 2000 WYOMING BLVD. SE 87117-5000

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

Form Approved.
 OMB No. 2040-0004
 Approval expires 05-31-98

NMR04A009
 PERMIT NUMBER

OUTFALL F
 DISCHARGE NUMBER

FACILITY LOCATION

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2012	01	01	TO 2012	12	31
(20-21) (22-23) (24-25)			(26-27) (28-29) (30-31)		

Check here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
MERCURY	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.0002	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
SELENIUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.002	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
SILVER	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.0001	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
ZINC	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.15	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
PETROLEUM HYDROCARBONS	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<5.00	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
Total Cyanide	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.010	0	2/365	GRAB
	PERMIT REQUIREMENT	*****	*****		****	*****	*****			
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	***	*****	*****
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER John C. Kubinec COL., USAF, COMMANDER TYPED OR PRINTED	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.	TELEPHONE		DATE		
		505	846-8577			
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SAMPLE COLLECTED 2 JULY 2012

2 2

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME DEPARTMENT OF THE AIR FORCE
 ADDRESS KIRTLAND AIR FORCE BASE, NM
 2000 WYOMING BLVD. SE 87117-5000

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)
 NMR04A009
 PERMIT NUMBER
 OUTFALL G
 DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004
 Approval expires 05-31-98

FACILITY LOCATION

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2012	01	01		2012	12	31
(20-21) (22-23) (24-25)				(26-27) (28-29) (30-31)		

Check here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS (46-53)	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)				
ALUMINUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.20	MG/L	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/365	GRAB
ARSENIC	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.001	MG/L	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/365	GRAB
CADMIUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.0006	MG/L	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/365	GRAB
COPPER	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.01	MG/L	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/365	GRAB
IRON	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.14	MG/L	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/365	GRAB
LEAD	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.001	MG/L	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		****	*****	*****			1/365	GRAB
MAGNESIUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	2	MG/L	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/365	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER John C. Kubinec COL., USAF, COMMANDER TYPED OR PRINTED	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.	TELEPHONE		DATE		
		505 846-8577				
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 SAMPLE COLLECTED 17 AUGUST 2012

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME DEPARTMENT OF THE AIR FORCE
 ADDRESS KIRTLAND AIR FORCE BASE, NM
 2000 WYOMING BLVD. SE 87117-5000

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

Form Approved.
 OMB No. 2040-0004
 Approval expires 05-31-98

NMR04A009
 PERMIT NUMBER

OUTFALL G
 DISCHARGE NUMBER

FACILITY LOCATION

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2012	01	01	TO 2012	12	31
(20-21) (22-23) (24-25)			(26-27) (28-29) (30-31)		

Check here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
MERCURY	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.0002	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
SELENIUM	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.002	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
SILVER	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.0001	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
ZINC	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.02	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
PETROLEUM HYDROCARBONS	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<5.00	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
Total Cyanide	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	<0.010	0	1/365	GRAB
	PERMIT REQUIREMENT	*****	*****		****	*****	*****			
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	***	*****	*****
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER John C. Kubinec COL., USAF, COMMANDER TYPED OR PRINTED	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	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	505 846-8577			
		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 SAMPLE COLLECTED 17 AUGUST 2012

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. 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 of Permittee (legally responsible person)

Date Signed _____

Name & Title (printed) _____

Note: Collection of Annual Report information required under 40 CFR 122.34(g)(3) is covered under Paperwork Reduction Act Information Collection Request # 1820.03, OMB NO.: 2040-0211, Expiration Date: 06/30/2006