



## DEPARTMENT OF THE AIR FORCE

10TH MISSION SUPPORT GROUP

USAF ACADEMY COLORADO

Rolland N. Olson, PE  
Deputy Civil Engineer  
10th Civil Engineer Squadron  
8120 Edgerton Drive, Suite 40  
USAF Academy CO 80840-2400

10 MAR 2003

Mr. Greg Davis (8EPR-EP)  
Small MS4 Storm Water NOI  
US EPA Region 8  
999 18th Street, Suite 300  
Denver CO 80202-2466



Dear Mr. Davis

Attached is the United States Air Force Academy's Notice of Intent (NOI) to Comply with the National Pollutant Discharge Elimination System Storm Water Phase II General Permit for Federal Facilities in Colorado. The NOI has been prepared according to guidance provided by EPA Region 8 and the Air Force Center for Environmental Excellence.

Please call Mr. Bryce Tobyne at (719) 333-8394 or Mrs. Diana Dean at (719) 333-8361 with any questions concerning these materials.

Sincerely

  
ROLLAND N. OLSON, PE  
Deputy Civil Engineer

Attachments:

1. Certification Statement
2. Table 1—General Facility Information
3. Table 2—Public Education and Outreach Measure No. 1
4. Table 3—Public Participation/Involvement Measure No. 2
5. Table 4—Illicit Discharge Detection and Elimination Measure No. 3
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### **Certification Statement**

In accordance with 40 CFR 122.22(d), 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.

A handwritten signature in black ink, appearing to read "Rolland N. Olson", written over a horizontal line.

ROLLAND N. OLSON, PE  
Deputy Civil Engineer

**Table 1–General Facility Information**

|                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name of Federal Facility</b>                                                           | United States Air Force Academy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Facility Mailing Address and Telephone Number</b>                                      | 10 CES/CEV<br>8120 Edgerton Drive, Ste. 40<br>US Air Force Academy, CO 80840-2400<br>Telephone: (719) 333-8394                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Point of Contact and Telephone Number</b>                                              | Bryce Tobyne<br>10 CES/CEV<br>Air and Water Quality Manager<br>Telephone: (719) 333-8394                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Land Area in Square Miles</b>                                                          | 28.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Receiving Water</b>                                                                    | Monument Creek                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Monument Creek Drainage Basin Area at Southern Boundary of Academy in Square Miles</b> | 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Latitude</b>                                                                           | 38° 58′ 10″                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Longitude</b>                                                                          | 104° 48′ 46″                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Listed Species and Critical Habitat</b>                                                | The Academy continually evaluates, using best judgement and knowledge, the effects of the storm water discharges, allowable non-storm water discharges, and discharge-related activities on listed endangered or threatened species and critical habitat. Based on the evaluation process, the Academy has determined that there is no reason to believe the discharge and discharge-related activities will jeopardize the continued existence of any species or result in the adverse modification or destruction of critical habitat; |
| <b>Historic Properties</b>                                                                | Storm water discharges, allowable non-storm water discharges, and discharge-related activities do not affect a property that is listed or is eligible for listing on the National Register of Historic Places as maintained by the Secretary of the Interior                                                                                                                                                                                                                                                                             |

**Table 2–Public Education and Outreach Measure No. 1**

| <b>Goal Implementation Time Frame</b>                      | <b>Best Management Practice (BMP) to be Implemented</b>                                                                                                                                                                                                                                                                                                 | <b>Measurement of Goal (BMP) Success</b>                                                                                                                                                                                                                               | <b>Person(s) Responsible for Implementing BMP</b>                           |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Year 1<br>1. May 2003<br>2. June 2003<br>3. September 2003 | 1. Establish information transfer to newcomer's indoctrinations. (Newly-assigned military families will be exposed to the goals of the base's storm water program, and invited to water working group meetings).<br>2. Construct educational displays completed for use at base events.<br>3. Write and publish a quarterly article for base newspaper. | 1. Newcomer's indoctrination program includes information on base storm water program and other storm water information<br>2. Developed educational displays are used at base events such as Earth Day and air shows.<br>3. Monthly article appears in base newspaper. | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 2<br>1. December 2004                                 | 1. Develop Brochures and distribute basewide. (Brochures include basic information regarding effects of storm water contamination, prevention of storm water contamination at residence and work, storm water question point-of-contact telephone number and e-mail address)                                                                            | 1. Brochures distributed to every organization on base and every residence.                                                                                                                                                                                            | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 3<br>1. July 2005                                     | 1. Web site consisting of storm water info. (outfall location, runoff paths, effects of contaminated runoff, etc., e-mail contacts, upcoming storm water events) created and fully functional.                                                                                                                                                          | 1. Web-site established. Track number of web-site hits and record correspondence received from web site.                                                                                                                                                               | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |



Table 2--continued

| Goal<br>Implementation<br>Time Frame       | Best Management Practice (BMP)<br>to be Implemented                                                                                                                                                | Measurement of Goal (BMP) Success                                                                                                                                                                       | Person(s) Responsible for<br>Implementing BMP                               |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Year 4<br>1. July 2006<br>2. December 2006 | 1. Develop Bumper stickers with storm water protection message/slogan.<br>2. Food serving facilities, banks/credit unions, and youth centers contain posters/signage about storm water protection. | 1. Bumper stickers with storm water protection message/slogan developed.<br>2. Storm water protection posters/signage posted at food serving facilities, banks/credit union, and youth centers on base. | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 5<br>1. July 2007                     | 1. Provide housing residents and auto hobby shops with specific information on proper disposal of used auto lubricants.                                                                            | 1. Housing residents, auto hobby shops and self help store provided with specific information on proper disposal of used auto lubricants.                                                               | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |

**Table 3--Public Participation/Involvement Measure No. 2**

| <b>Goal Implementation Time Frame</b>      | <b>BMP to be Implemented</b>                                                                                                                                                                                                                                                                                                                                                                               | <b>Measurement of Goal (BMP) Success</b>                                                                                                                                                             | <b>Person Responsible for Implementing BMP.</b>                                |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Year 1<br>1. August 2003                   | 1. Form a storm water council consisting of various organizations/groups (Banks/Credit Union, fast food facilities, youth club, etc.) on base to develop public involvement program.                                                                                                                                                                                                                       | 1. Storm water council provides ideas of involvement measures and develops program.                                                                                                                  | USAFA 10 CES/CEV<br>Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 2<br>1. April 2004<br>2. August 2004  | 1. Organize outdoor recreational group activities at NAF recreation areas. Get the word out to outdoor recreation groups about the storm water program and the emphasis the program places on preserving and protecting natural resources and obtain their input to the program.<br>2. Advertisements of meetings and other activities by mass e-mailing, and distribution of flyers by housing personnel. | 1. Outdoor recreational group activities conducted at NAF recreation areas.<br>2. Advertisements of meetings other activities promoting volunteerism appear on e-mail, flyers, etc.                  | USAFA 10 CES/CEV<br>Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 3<br>1. July 2005<br>2. December 2005 | 1. Coordinate a volunteer basewide water quality monitoring day.<br>2. .Host booth and events at base events such as Earth Day and other public activities.                                                                                                                                                                                                                                                | 1. Measure water quality by conducting visual monitoring of storm water after storm event and record observations.<br>2. Keep a record of the educational displays used at each of these activities. | USAFA 10 CES/CEV<br>Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 4<br>1. August 2006                   | 1. Coordinate a volunteer basewide storm sewer outfall clean up day.                                                                                                                                                                                                                                                                                                                                       | 1. Volunteers conduct Basewide storm sewer outfall clean up day.                                                                                                                                     | USAFA 10 CES/CEV<br>Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |

| Goal Implementation Time Frame | BMP to be Implemented                                                                | Measurement of Goal (BMP) Success                                                           | Person Responsible for Implementing BMP                                     |
|--------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Year 5<br>1. July 2007         | 1. Base to participate in neighboring city Household Hazardous Waste Collection Day. | 1. Base residents participate in neighboring city Household Hazardous Waste Collection Day. | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |

Table 4–Illicit Discharge Detection and Elimination Measure No. 3

| Goal Implementation Time Frame                                | BMP to be Implemented                                                                                                                                                                                                                                                                                             | Measurement of Goal (BMP) Success                                                                                                                                                                                             | Person Responsible for Implementing BMP                                      |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Year 1<br>1. April 2003<br>2. August 2003<br>3. December 2003 | 1. Search civil engineer records of storm sewer and sanitary sewer drawings.<br>2. Construct base storm sewer system map.<br>3. Conduct oil/water separator survey.                                                                                                                                               | 1. Civil Engineer records search of storm sewer and sanitary sewer drawings completed.<br>2. Base storm sewer system map constructed.<br>3. Oil/water separator survey is conducted. All oil/water separators are identified. | USAF A 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 2<br>1. March 2004<br>2. June 2004<br>3. September 2004  | 1. Video survey of storm sewer systems for identification of cross connections.<br>2. Engineering review of all new construction design projects to ensure no opportunity for illicit discharge(s) exists in design.<br>3. Dry weather flow inspections of storm sewer outfalls are conducted on a monthly basis. | 1. Cross Connections are identified (if any).<br>2. Record of new construction design projects that have undergone engineering review and conclusion of review.<br>3. Results of dry weather flow inspections are recorded.   | USAF A 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |

Table 4--continued

| Goal Implementation Time Frame           | BMP to be Implemented                                                                                                                                                              | Measurement of Goal (BMP) Success                                                                                                                                                               | Person Responsible for Implementing BMP                                     |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Year 3<br>1. April 2005                  | 1. Inflow/Infiltration study performed.                                                                                                                                            | 1. Inflow/Infiltration results are obtained and analyzed for repair (if applicable).                                                                                                            | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 4<br>1. July 2006<br>2. August 2005 | 1. Establish participation in a local MS4 (city) household hazardous waste collection program.<br>2. Initiate program to correct any Inflow/Infiltration problem areas discovered. | 1. Base is actively participating in a local MS4 household hazardous waste collection program.<br>2. Projects are programmed to rehabilitate Inflow/Infiltration problem areas. (If necessary). | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 5<br>1. July 2007                   | 1. Provide storm drain covers for storm drains susceptible to spills.                                                                                                              | 1. Storm drain covers are provided for those storm drains identified as vulnerable to spills.                                                                                                   | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |

**Table 5--Construction Site Runoff Control Measure No. 4**

| <b>Goal Implementation Time Frame</b>                         | <b>BMP to be Implemented</b>                                                                                                                                                                                                                                                                                                    | <b>Measurement of Goal (BMP) Success</b>                                                                                                                                                                                                                                                                                                                                                      | <b>Person Responsible for Implementing BMP</b>                              |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Year 1<br>1. April 2003<br>2. August 2003<br>3. December 2003 | 1. All new construction site plans reviewed to ensure that runoff remains at historical levels. Engineering review will be required.<br>2. Develop contractual language specifying BMP usage for construction projects.<br>3. Develop a menu of BMPs that prove to be reliable and effective at construction sites on the base. | 1. Database recordkeeping of construction projects indicate that construction site plans are all being reviewed prior to start of construction for BMP runoff control implementation.<br>2. Contractual language is put in place specifying BMP usage for construction projects.<br>3. A menu of BMPs that have proven reliable and effective at construction sites on the base is developed. | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 2<br>1. April 2004<br>2. August 2004<br>3. December 2004 | 1. Perform periodic site inspections during construction activities for use of BMP use and installation.<br>2. Perform visual inspections of construction site(s) during a rain event to evaluate BMP performance.<br>3. Recordkeeping of BMP performance at each construction site.                                            | 1. Site inspections show that all construction projects incorporate the BMPs (properly installed) as indicated on the reviewed site plans.<br>2. Visual inspections are conducted of BMP performance during rain events.<br>3. Database developed showing BMP use and performance for each construction project.                                                                              | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |

Table 5--continued

| Goal Implementation Time Frame                                | BMP to be Implemented                                                                                                                                                                                                                                                                | Measurement of Goal (BMP) Success                                                                                                                                                                                                                                                                                | Person Responsible for Implementing BMP                                     |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Year 3<br>1. April 2005<br>2. August 2005<br>3. December 2005 | 1. Perform periodic site inspections during construction activities for use of BMP use and installation.<br>2. Perform visual inspections of construction site(s) during a rain event to evaluate BMP performance.<br>3. Recordkeeping of BMP performance at each construction site. | 1. Site inspections show that all construction projects incorporate the BMPs (properly installed) as indicated on the reviewed site plans.<br>2. Visual inspections are conducted of BMP performance during rain events.<br>3. Database developed showing BMP use and performance for each construction project. | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 4<br>1. April 2006<br>2. August 2006<br>3. December 2006 | 1. Perform periodic site inspections during construction activities for use of BMP use and installation.<br>2. Perform visual inspections of construction site(s) during a rain event to evaluate BMP performance.<br>3. Recordkeeping of BMP performance at each construction site. | 1. Site inspections show that all construction projects incorporate the BMPs (properly installed) as indicated on the reviewed site plans.<br>2. Visual inspections are conducted of BMP performance during rain events.<br>3. Database developed showing BMP use and performance for each construction project. | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |

Table 5--continued

| Goal Implementation Time Frame                                | BMP to be Implemented                                                                                                                                                                                                                                                                | Measurement of Goal (BMP) Success                                                                                                                                                                                                                                                                                | Person Responsible for Implementing BMP                                      |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Year 5<br>1. April 2007<br>2. August 2007<br>3. December 2007 | 1. Perform periodic site inspections during construction activities for use of BMP use and installation.<br>2. Perform visual inspections of construction site(s) during a rain event to evaluate BMP performance.<br>3. Recordkeeping of BMP performance at each construction site. | 1. Site inspections show that all construction projects incorporate the BMPs (properly installed) as indicated on the reviewed site plans.<br>2. Visual inspections are conducted of BMP performance during rain events.<br>3. Database developed showing BMP use and performance for each construction project. | USAF A 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |



**Table 6–Post-Construction Storm Water Management Control Measure No. 5**

| <b>Goal Implementation Time Frame</b>                         | <b>BMP to be Implemented</b>                                                                                                                                                                                                                                                                                                                                                                | <b>Measurement of Goal (BMP) Success</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Person Responsible for Implementing BMP</b>                                     |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Year 1<br>1. April 2003<br>2. August 2003<br>3. December 2003 | 1. Procedure is instituted that requires all construction projects to have post construction BMPs as part of the final design plan. Engineering review will be required.<br>2. Develop standard contract language specifying use of post construction BMPs designed into construction projects.<br>3. Specify porous pavement installation wherever feasible for new construction projects. | 1. All construction site plans undergo Engineering review. Database recordkeeping of construction projects indicate that construction site plans are all being reviewed for post construction runoff control prior to start of construction<br>2. Contractual language is put in place specifying post construction BMP design into construction projects.<br>3. No increase of historical runoff flow rates throughout the base. Porous pavement installations are installed wherever feasible. | USAF A 10 CES/CEV<br>Air and Water Quality Manager, Bryce Tobyne<br>(719) 333-8394 |
| Year 2<br>1. July 2004<br>2. December 2004                    | 1. Conduct inspections of completed post construction BMPs; verifying design specifications. Recordkeeping of BMP performance after completion of design/construction project.<br>2. Perform periodic visual monitoring of post construction BMP performance (i.e., runoff control, water quality).                                                                                         | 1. Inspections conducted and database developed showing status (designed to plan) of post construction BMP installation.<br>2. Visual monitoring of post construction BMP performance (measure of runoff control and/or water quality) indicates the BMP design is functioning properly.                                                                                                                                                                                                         | USAF A 10 CES/CEV<br>Air and Water Quality Manager, Bryce Tobyne<br>(719) 333-8394 |

Table 6--continued

| Goal Implementation Time Frame             | BMP to be Implemented                                                                                                                                                                                                                                                                               | Measurement of Goal (BMP) Success                                                                                                                                                                                                                                                        | Person Responsible for Implementing BMP                                      |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Year 3<br>1. July 2005<br>2. December 2005 | 1. Conduct inspections of completed post construction BMPs; verifying design specifications. Recordkeeping of BMP performance after completion of design/construction project.<br>2. Perform periodic visual monitoring of post construction BMP performance (i.e., runoff control, water quality). | 1. Inspections conducted and database developed showing status (designed to plan) of post construction BMP installation.<br>2. Visual monitoring of post construction BMP performance (measure of runoff control and/or water quality) indicates the BMP design is functioning properly. | USAF A 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 4<br>1. July 2006<br>2. December 2006 | 1. Conduct inspections of completed post construction BMPs; verifying design specifications. Recordkeeping of BMP performance after completion of design/construction project.<br>2. Perform periodic visual monitoring of post construction BMP performance (i.e., runoff control, water quality). | 1. Inspections conducted and database developed showing status (designed to plan) of post construction BMP installation.<br>2. Visual monitoring of post construction BMP performance (measure of runoff control and/or water quality) indicates the BMP design is functioning properly. | USAF A 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |

Table 6--continued

| Goal Implementation Time Frame             | BMP to be Implemented                                                                                                                                                                                                                                                                                  | Measurement of Goal (BMP) Success                                                                                                                                                                                                                                                        | Person Responsible for Implementing BMP                                      |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Year 5<br>1. July 2007<br>2. December 2007 | 1. Conduct inspections of completed post construction BMPs; verifying design specifications.<br>Recordkeeping of BMP performance after completion of design/construction project.<br>2. Perform periodic visual monitoring of post construction BMP performance (i.e., runoff control, water quality). | 1. Inspections conducted and database developed showing status (designed to plan) of post construction BMP installation.<br>2. Visual monitoring of post construction BMP performance (measure of runoff control and/or water quality) indicates the BMP design is functioning properly. | USAF A 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |

Table 7–Pollution Prevention/Good Housekeeping Control Measure No. 6

| Goal Implementation Time Frame                                                   | BMP to be Implemented                                                                                                                                                                                                                                                                                                         | Measurement of Goal (BMP) Success                                                                                                                                                                                                                                                                                                             | Person Responsible for Implementing BMP                                      |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Year 1<br>1. March 2003<br>2. June 2003<br>3. September 2003<br>4. December 2003 | 1. Regularly scheduled employee training on storm water pollution prevention topics and techniques.<br>2. Establish regularly scheduled maintenance on CE vehicles.<br>3. Establish recycling programs (paper, plastic, metal, glass) base-wide.<br>4. Conduct base-wide inspections for construction materials left exposed. | 1. Recordkeeping for: Employee training (topics and attendance), maintenance programs (schedule), Recycling programs (amounts of recyclables collected).<br>2. CE vehicles are maintained on a regular schedule.<br>3. Recycling programs are established.<br>4. Inspections base-wide are conducted for construction materials left exposed. | USAF A 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 2<br>1. July 2004<br>2. December 2004                                       | 1. Develop compliance program to ensure construction materials (excavated dirt, demolition debris) to be covered or stabilized; preventing exposure to rain and or run-on.<br>2. Establish a street sweeping schedule.                                                                                                        | 1. All construction materials are covered or stabilized. Inspections indicate program compliance.<br>2. Regular street sweeping is occurring.                                                                                                                                                                                                 | USAF A 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |

Table 7–continued

| <b>Goal<br/>Implementation<br/>Time Frame</b> | <b>BMP to be Implemented</b>                                                                                                                                                                                  | <b>Measurement of Goal (BMP)<br/>Success</b>                                                                                                                                                                                  | <b>Person Responsible for<br/>Implementing BMP</b>                          |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Year 3<br>1. July 2005<br>2. December 2005    | 1. Establish regularly scheduled cleaning of storm sewer grate and drainage ditches.<br>2. Base to participate in a local municipality household hazardous waste collection day.                              | 1. Storm sewer grates and drainage ditches are cleaned.<br>2. Base residents participated in a local municipality household hazardous waste collection day.                                                                   | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 4<br>1. July 2006<br>2. December 2006    | 1. Establish a basewide facility inspection program to ensure all raw materials are stored unexposed to rainfall, run-on or run-off.<br>2. Develop a program to reduce reliance on pesticides and herbicides. | 1. A program is set in place to ensure all raw materials are stored unexposed to rainfall, run-on runoff. Inspections indicate program compliance.<br>2. Program established to reduce reliance on pesticides and herbicides. | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |
| Year 5<br>1. July 2007<br>2. December 2007    | 1. Develop basewide composting program to handle yard/tree waste.<br>2. Establish scheduled inspections of trash dumpsters (to ensure dumpsters are in good operating condition).                             | 1. Basewide composting program established to handle yard/tree waste.<br>2. Regularly scheduled inspection of trash dumpsters is occurring.                                                                                   | USAFA 10 CES/CEV Air and Water Quality Manager, Bryce Tobyne (719) 333-8394 |