

NDSU

NORTH DAKOTA STATE UNIVERSITY

**STORM WATER POLLUTION
PREVENTION PROGRAM SUMMARY**

FOR

NORTH DAKOTA STATE UNIVERSITY

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SUMMARY OF STORM WATER POLLUTION PREVENTION PROGRAM FOR NORTH DAKOTA STATE UNIVERSITY, FARGO

Minimum Control Measure 1 - Public Education And Outreach

I. Target Audience

Activities planned under the Public Education and Outreach portion of the Storm Water Pollution Prevention Program (SWPPP) for North Dakota State University (NDSU) will be directed toward the students, faculty, and staff of the university.

II. Goals

The SWPPP activities implemented under Minimum Control Measure (MCM) 1 will focus on increasing public awareness of the adverse effects of storm water runoff and its potential to affect the water quality of the Red River by NDSU's storm water conveyance system. This information will be made available to the students, faculty, and staff to promote practices conducive to the reduction of pollution that results from storm water runoff.

III. Best Management Practices

A. Storm Water-Related Public Education Program

The NDSU University Police and Safety Office will make available and distribute storm water related information and educational materials. Additionally, this office will continue to investigate the possibility of using and sharing other media resources, including posters, the Internet, and other media to promote public education and outreach on storm water pollution prevention.

As part of the public education and outreach component for MCMs 3 through 6, NDSU will use specific public education programs and best management practices (BMPs) individually tailored to specific storm water-related issues around the campus.

Measurable Goals:

- Number of storm water-related materials developed and/or collected.
- Number of brochures, pamphlets, flyers, public service announcements, Web site visits, and advertisements distributed each year.
- Level of participation and number of departments involved.

Responsible Department:

NDSU University Police and Safety Office

B. Classroom Presentation Programs

The City of Fargo currently gives classroom presentations to educate elementary school children about recycling. The NDSU Facilities Management Department will explore the feasibility of partnering with the City of Fargo in expanding and developing these presentations to include storm water-related topics.

Measurable Goals:

- Number of presentations or classroom discussions held where storm water-related issues are presented or discussed.
- Number of students educated about storm water issues.

Responsible Department:

NDSU Facilities Management Department

C. Household Hazardous Waste Collection Program

The NDSU Facilities Management Department will investigate, develop, and implement procedures for the proper collection and disposal of hazardous materials from student residence halls.

Measurable Goals:

- Amount of household hazardous waste collected.
- Number of residents utilizing the waste collection facility.

Responsible Department:

NDSU Facilities Management Department

D. Partnership/Outreach Efforts

The NDSU Facilities Management Department will investigate and develop partnerships with other local agencies to collaborate on storm water management issues, implement public education programs, distribute educational materials, and conduct public outreach activities concerning the impacts of storm water discharges on the Red River of the North. Potential resource-sharing partnerships will be identified and established with other agencies such as the city of Fargo; Cass County; the state of North Dakota; other local regulated small Municipal Separate Storm Sewer Systems (MS4s), including Moorhead and Clay County in Minnesota; and local volunteer, nonprofit, and student groups.

Components of these partnerships may include the development of informational materials and brochures, presentation packets for distribution, and a means for gauging program effectiveness. Possible topics could include a listing and description

of typical storm water runoff contaminants, the identification and reporting of illicit discharges, proper disposal of household toxic materials, and volunteer opportunities for conducting performance surveys and cleanups.

Measurable Goals:

- Number of outside entities used to promote storm water pollution prevention issues.

Responsible Department:

NDSU Facilities Management Department

IV. *BMP MCM 1 Performance Measures*

Planned Performance Measures

Continue to build on and improve the storm water-related education program; continue work on partnerships with other entities; compile a comprehensive storm water pollution prevention plan document; continue the household waste collection program; hold the annual public meeting on the SWPPP; and provide the annual report to NDDH.

V. *Person Responsible for Coordination of Minimum Control Measure 1*

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Minimum Control Measure 2 - Public Involvement and Participation

I. Target Audience

Activities planned under the Public Involvement and Participation portion of the Storm Water Pollution Prevention Program (SWPPP) for North Dakota State University (NDSU) will be directed toward the students, faculty, and staff of the university community.

II. Goals

The SWPPP activities implemented under Minimum Control Measure (MCM) 2 will focus on increasing public involvement and participation in reducing the adverse effects of storm water runoff and its potential to affect the water quality of the Red River by NDSU's storm water conveyance system. The educational information will be made available to students, faculty, and staff to promote practices conducive to the reduction of pollution that results from storm water runoff.

III. Best Management Practices

A. Annual Campus-wide Student Litter Cleanup Program

The NDSU Facilities Management Department will promote an annual cleanup of the university-maintained student housing grounds and parking lots. This will directly involve the student community in storm water pollution prevention, and make the university community aware that the campus storm drain system discharge untreated waters directly into County Drain #3 or by way of the city of Fargo storm water conveyance system to the Red River.

Measurable Goals:

- Number of cleanups.
- Number of cleanup groups or participants.

Responsible Department:

NDSU Facilities Management Department

B. Student Adopt-A-Parking Lot Program

The NDSU Facilities Management Department will administer a student volunteer Adopt-A-Parking Lot program as a public outreach tool and will allow participation from any student group or student organization within the university community.

Measurable Goals:

- Number of participants in Adopt-A-Parking Lot programs.

Responsible Department:

NDSU Facilities Management Department

C. University Contact Link Information

The NDSU University Police and Safety Office will maintain a university contact point to provide a means for concerned citizens and agencies to contact the appropriate authority with specific storm water runoff questions and discharge problems.

Measurable Goals:

- Number of storm water related calls received.
- Number of storm water related problems/incidents identified as a result of information line calls.

Responsible Department:

NDSU University Police and Safety Office

D. Plans for Public Input and Opinion

The NDSU Facilities Management and University Police and Safety Office accept public input and opinion on the adequacy of this SWPPP prior to submitting the annual report to the North Dakota Department of Health (NDDH). Input is received either through informal conversations or formal responses to complaints.

Measurable Goals:

- Amount of public input received.

Responsible Department:

NDSU Facilities Management Department and University Police and Safety Office

IV. BMP MCM 2 Performance Measures

Planned Performance Measures

Continue the annual student litter cleanup program; continue the Adopt-A-Parking Lot program; continue the university contact point; continue with public input where appropriate; and provide the annual report to NDDH.

V. *Person Responsible for Coordination of Minimum Control Measure 2*

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Minimum Control Measure 3 - Illicit Discharge Detection and Elimination

I. Target Audience

Activities planned under the Illicit Discharge Detection and Elimination portion of the Storm Water Pollution Prevention Program (SWPPP) for North Dakota State University (NDSU) will be directed toward the students, faculty, and staff of the university community, with an emphasis on the facilities and operations staff members.

II. Goals

The SWPPP activities implemented under Minimum Control Measure (MCM) 3 will focus on the development, implementation, and enforcement of management strategies that will lead to the reduction or elimination of the impacts of illicit pollutant discharges into the storm water conveyance system during the permit term throughout the university community.

III. Best Management Practices

A. Storm Water Conveyance System Map

The NDSU Facilities Management Department will maintain a storm water conveyance system map that shows the location(s) of all:

1. Ponds, streams, and wetlands.
2. Any structural pollution control devices.
3. Any conveyances 24 inches or larger in diameter.
4. Any discharge points leaving the system including:
 - a. Discharges from the NDSU system to the city of Fargo systems, waters, or wetlands.
 - b. Discharges to the groundwater.
 - c. Overland discharges.
 - d. Any other known outlet points in the NDSU storm water conveyance system.

Measurable Goals:

- Linear feet of conveyances maintained.
- Number of discharge points maintained.

Responsible Department:

NDSU Facilities Management Department

B. Program to Detect, Identify, and Eliminate Illicit Discharges

The NDSU Facilities Management Department will continue a program designed to detect and identify illicit discharges to the Cass County drain system or the city of Fargo storm water conveyance system as defined in 40 CFR 122.26(b)(2) following the four steps outlined below:

1. Locate any problem areas by using complaints, identification by university staff, or during regular system maintenance and inspection activities.
2. Find the source of any illicit discharge problem.
3. Notify any potential offending discharger and attempt to remove or correct the problem.
4. Document any actions taken and include these actions in the annual report.

If the NDSU Facilities Management Department identifies any of the following categories of non-storm water flows as significant contributors of pollutants, then NDSU will develop a plan to control and eliminate the contributors to the storm water conveyance system:

- Water line flushing
- Landscape irrigation
- Diverted stream flows
- Rising ground-waters
- Uncontaminated groundwater infiltration
- Uncontaminated pumped groundwater
- Discharges from potable water sources
- Foundation drains
- Air-conditioning condensation
- Irrigation water
- Springs
- Water from crawl space pumps
- Footing drains
- Lawn watering
- Individual residential car washing
- Flows from riparian habitats and wetlands
- Chlorinated water discharges
- Street wash water
- Flows from fire-fighting activities

Measurable Goals:

- Number of illicit discharges reported.
- Number of illicit discharges found.

Responsible Department:

NDSU Facilities Management Department

C. Program to Prohibit and Enforce Non-Storm Water Discharges

Through regulatory mechanisms, NDSU Facilities Management will continue a program designed to prohibit and enforce non-storm water discharges and illegal disposal of waste in un-permitted areas or into the storm water conveyance system. The NDSU Facilities Management Department will partner with the City of Fargo to maintain procedures, programs, and actions required to appropriately enforce these regulations to the extent allowable under law.

Measurable Goals:

- Number of flyers, posters, or other public education tools distributed or programs started.
- Number of illegal dumping sites cleaned up.

Responsible Department:

NDSU Facilities Management Department

D. Educational Outreach Program

The NDSU Facilities Management Department will provide educational outreach on the hazards of improper waste disposal and the ways to detect and eliminate illicit discharges that may cause impacts to storm water runoff. This education will be through information brochures and staff inspection of storm water conveyance system inlets and outfalls.

Measurable Goals:

- Number of flyers, posters, or other public education tools distributed.
- Number of illegal dumping cases reported.
- Number of illegal dump cleanups completed.
- Number of illicit/unwarranted discharges reported.
- Number of illicit/unwarranted discharges found.

Responsible Department:

NDSU Facilities Management Department.

IV. BMP MCM 3 Performance Measures

Planned Performance Measures

Update the storm water conveyance system map; continue the educational program; update campus policy; and provide the annual report to NDDH.

V. *Person Responsible for Coordination of Minimum Control Measure 3*

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Minimum Control Measure 4 - Construction Site Storm Water Runoff Control

I. Target Audience

Activities planned under the Construction Site Storm Water Runoff Control portion of the Storm Water Pollution Prevention Program (SWPPP) for North Dakota State University (NDSU) will be directed toward contractors, construction site operators, inspectors, and enforcement personnel of the university community.

II. Goals

The SWPPP activities implemented under Minimum Control Measure (MCM) 4 will focus on the development, implementation, and enforcement of management strategies that will lead to the reduction or elimination of the impacts of storm water runoff from construction activities that result in a land disturbance of greater than or equal to 1 acre into the storm water conveyance system during the permit term throughout the university community.

III. Best Management Practices

A. Ordinances or Other Regulatory Mechanisms for Erosion and Sedimentation Controls

Partnering with the city of Fargo, the NDSU Facilities Management Department will leverage regulatory mechanisms to require erosion and sedimentation controls and compliance for polluted runoff from construction sites with a land disturbance of greater than or equal to 1 acre.

Measurable Goals:

- Whether or not a regulatory mechanism exists to address construction site runoff control to include inspection as necessary.

Responsible Department:

NDSU Facilities Management Department

B. Erosion and Sedimentation Controls for Construction Site Operators

Partnering with the city of Fargo, the NDSU Facilities Management Department will leverage a program that will require appropriate erosion and sedimentation controls on all regulated construction sites.

Measurable Goals:

- Number of regulated construction sites that use erosion and sediment controls.
- Acreage of disturbed land protected by erosion and sediment controls.

Responsible Department:

NDSU Facilities Management Department

C. Requirements for Construction Site Operators to Control Waste

Partnering with the city of Fargo, the NDSU Facilities Management Department will leverage a program to control construction site waste that may impact storm water runoff. This program will address construction entrances, vehicle maintenance, concrete truck cleanout, and equipment-washing areas.

Measurable Goals:

- Frequency of inspection and maintenance activities.
- Number of construction sites with designated vehicle maintenance and washing areas.
- Whether construction vehicles are regularly inspected.

Responsible Department:

NDSU Facilities Management Department

D. Construction Site Plan Reviews

Partnering with the city of Fargo, the NDSU Facilities Management Department will investigate, develop, and implement a preconstruction activities program that will require a review of regulated construction site plans submitted by the contractor for the implementation and routine maintenance of sedimentation and erosion controls that incorporate consideration of potential water quality impacts before ground is broken.

Measurable Goals:

- Number of site plan reviews

Responsible Department:

NDSU Facilities Management Department

E. Construction Site Inspection and Enforcement Procedures

Partnering with the city of Fargo, the NDSU Facilities Management Department will leverage procedures for construction site best management practice (BMP) inspections and the enforcement of installed erosion and sedimentation control measures.

Measurable Goals:

- Number of sites inspected.
- Number of enforcement actions taken.
- Number of stop-work orders given.

Responsible Department:

NDSU Facilities Management Department

F. Construction Information Submitted by the Public

To reinforce public participation in the storm water pollution prevention program under the guidance of the city of Fargo, the NDSU Facilities Management Department and University Police and Safety Office will track and respond to student and staff inquiries, concerns, and information submitted regarding campus construction activities.

Measurable Goals:

- Number of noncompliance reports received.
- Number of construction site follow-ups.
- Number of valid noncompliance reports received from the public.
- Number of stop-work orders issued.

Responsible Department:

NDSU Facilities Management Department and University Police and Safety Office

G. Educational Outreach Program

The NDSU Facilities Management Department will provide educational outreach on the procedures inputs derived from university community inquiries, concerns, and information submitted regarding local construction activities that result in a land disturbance of greater than or equal to 1 acre into the storm water conveyance system during the permit term throughout the university community.

Measurable Goals:

- Number of flyers, posters, or other public education tools distributed.
- Number of training programs offered to facilities and operation staff.
- Number of valid noncompliance reports received from facilities and operation staff.

Responsible Department:

NDSU Facilities Management Department

H. Operation of a Construction Site

Partnering with the city of Fargo, the NDSU Facilities Management Department will ensure campus construction sites operate in accordance with this SWPPP. The NDSU Facilities Management Department will ensure the development of site plans by applicable contractors to evaluate and implement the appropriate BMPs for construction activities established within this SWPPP. These site plans will include:

1. Description of the activity, proposed timetable, amount of area disturbed, and any outfalls to the storm conveyance system or water body;
2. Map or drawing of the site showing the boundaries, soil disturbance limits, storm water drainage pattern, location of receiving waters and/or storm inlets, storage areas for materials, and storm water management controls;
3. Description of the method of storage, disposal, and handling of materials that have the potential to be released with storm water;
4. Description of the BMPs to control erosion and sedimentation during all phases of construction;
5. Description of methods to address sediment tracking on roads, recovering sediments, and spill prevention and response procedures;
6. Site inspection procedure providing at least one inspection every 14 days and within 24 hours after any storm event of greater than 0.50 inches of rain per 24-hour period;
7. Site Inspection Records (SIR) will be kept for the date and time of inspections, the name of the inspector, and the date and amount of last precipitation event. All incidents of erosion, sediment accumulation, or spills will be documented. The record will include the location and description of the incident, estimated quantity of material or size of area affected, and a brief explanation of potential cause and remedial action taken.

Measurable Goals:

- Number of construction site maps with detailed storm water controls.
- Number of stored and disposed materials that have potential to be released with storm water.
- Number of different BMPs for erosion and sedimentation during multiple construction phases.
- Number of sediment tracking, recovery, and response procedures.
- Number of construction sites inspected after any storm event.
- Number of SIRs taken.

Responsible Department:

NDSU Facilities Management Department

IV. BMP MCM 4 Performance Measures

Planned Performance Measures

Maintain regulatory mechanism compliance; continue construction site inspections; continue enforcement of erosion and sedimentation controls; continue the educational information program; continue appropriate construction activity BMPs; consider public information submitted; and provide the annual report to NDDH.

V. Person Responsible for Coordination of Minimum Control Measure 4

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Minimum Control Measure 5 – Post-construction Storm Water Management in New Development and Redevelopment

I. Target Audience

Activities planned under the Post-construction Storm Water Management in New Development and Redevelopment portion of the Storm Water Pollution Prevention Program (SWPPP) for North Dakota State University (NDSU) will be directed toward developers, contractors, construction site operators, inspectors, and enforcement personnel.

II. Goals

The SWPPP activities implemented under Minimum Control Measure (MCM) 5 will focus on the development, implementation, and enforcement of management strategies that will lead to the reduction or elimination of the impacts of storm water runoff from new development and redevelopment projects that disturb greater than or equal to 1 acre, including projects that are less than 1 acre and are part of a larger development plan during the permit term throughout the university community.

IIIA. Best Management Practices--Structural

A. Storm Water Detention Requirements

Partnering with the city of Fargo, the NDSU Facilities Management Department will leverage the city of Fargo's existing Storm Water Detention Policy. This BMP will investigate the feasibility of dry extended detention ponds for runoff control and/or wet ponds for water treatment. This best management practice (BMP) will also evaluate the effectiveness, constructability, social aspects, and economics of different types of ponds within the campus areas.

Measurable Goals:

- Whether a regulatory mechanism exists to require storm water detention as part of site development requirements.
- Number and type of ponds installed.
- Acreage of land and impervious surface drained by new ponds.

Responsible Department:

NDSU Facilities Management Department

B. Vegetative Practices Program

The NDSU Facilities Management Department will continue to investigate the use of vegetative BMPs in new development and redevelopment areas to treat storm water runoff.

Measurable Goals:

- Number of new-grassed swales installed.
- Number of acres drained by grassed swales.
- Number of new-grassed filter strips installed.
- Number of acres drained by grassed filter strips

Responsible Department:

NDSU Facilities Management Department

IIIB. Best Management Practices--Nonstructural:

A. Long-Term BMP Inspection and Maintenance Program

Under the guidance of the city of Fargo, the NDSU Facilities Management Department will continue to inspect and repair the post-construction storm water control BMPs. All BMPs will be inspected for continued effectiveness and structural integrity at regular inspection intervals. The inspector will document whether the BMP is performing correctly, note any damage to the BMP, and repair any damage to the BMP.

Measurable Goals:

- Number of problems that were identified and remedied.
- Change in the proportion of BMPs that are maintained as a result of inspection and maintenance.
- Whether an inventory of BMPs requiring maintenance was completed and is regularly updated.

Responsible Department:

NDSU Facilities Management Department

B. Ordinances for Controlling Post-construction Runoff

Partnering with the city of Fargo, the NDSU Facilities Management Department will leverage the appropriate regulatory mechanisms to promote the public welfare of any regulated development or other activity that disturbs or breaks the topsoil or results in the movement of earth on land.

Measurable Goals:

- Whether or not a regulatory mechanism exists to address post-construction runoff.
- Projected amount of impervious cover reduced under the regulatory mechanism.

Responsible Department:

NDSU Facilities Management Department

C. Design Standards Program

Partnering with the city of Fargo, the NDSU Facilities Management Department will leverage requirements and guidelines for both structural and nonstructural BMPs to be included in site development plans, as well as procedures for maintaining, documenting, and reporting the effectiveness and proper use of the BMPs.

Measurable Goals:

- Number of BMPs evaluated by facilities and operation staff as being effective tools in managing storm water quality.
- Whether a regulatory mechanism exists to require the use of BMPs in site development.

Responsible Department:

NDSU Facilities Management Department

D. Educational Outreach Program

The NDSU Facilities Management Department will provide educational outreach on developing, implementing, and enforcing a program that will reduce or eliminate the impacts of storm water runoff from new development and redevelopment projects that disturb greater than or equal to 1 acre, including projects that are less than 1 acre and are part of a larger development plan, that discharge into the storm water conveyance system during the permit term throughout the university community.

Measurable Goals:

- Number of flyers, posters, or other public education tools distributed.
- Number of training programs offered to facilities and operation staff.

Responsible Department:

NDSU Facilities Management Department

IV. BMP MCM 5 Performance Measures

Planned Performance Measures

Continue implementation of the strategies for the BMPs; continue enforcement of regulatory mechanisms and implementation of the BMPs; ensure the adequacy of the long-term inspection and maintenance of the BMPs; continue implementation of ponding and vegetative practices programs; continue with the educational public outreach program; and provide the annual report to NDDH.

V. Person Responsible for Coordination of Minimum Control Measure 5

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Minimum Control Measure 6 - Pollution Prevention (Good Housekeeping) for Municipal Operations

I. Target Audience

Activities planned under the Pollution Prevention (Good Housekeeping) for Municipal Operations portion of the Storm Water Pollution Prevention Program (SWPPP) for North Dakota State University (NDSU) will be directed toward university facilities staff and enforcement personnel.

II. Goals

The SWPPP activities implemented under Minimum Control Measure (MCM) 6 will focus on developing and implementing general procedures for the NDSU Facilities Management operations and maintenance program that will reduce or eliminate the impacts of storm water pollution from open space maintenance, snow disposal, vehicle and building maintenance, land disturbances, and storm conveyance system maintenance plan during the permit term throughout the university community.

III. Best Management Practices

A. Parking Lot and Street-Cleaning Program

The NDSU Facilities Management will continue procedures for parking lot and street-cleaning practices to minimize pollutant discharge to receiving waters. These cleaning practices will remove surface sediment, debris, and other pollutants that are a potential source of significant pollution.

Measurable Goals:

- Whether roads and parking lots were inventoried and prioritized for cleaning.
- Number of scheduled road cleanings.

Responsible Department:

NDSU Facilities Management Department

B. Storm Water Conveyance System-Cleaning Program

The NDSU Facilities Management and University Police and Safety Office will investigate and develop procedures for the annual inspection and cleaning of storm conveyance systems to reduce the amount of pollutants, trash, debris, and sediments. This program will be applied to material and waste-handling areas, paved and vegetated areas, waterways, county drains, snow dumpsites, and new development projects. Based on the annual inspection results, repair or

replacement measures will be determined for proper operation. A summary of all inspections and repairs will be maintained and submitted in the annual report.

Measurable Goals:

- Whether areas with high pollutant loadings were inventoried and prioritized for cleaning.
- Twenty percent (20%) of all storm conveyance system outfalls, snow dump sites, and sediment basins maintained by NDSU Facilities Management will be inspected and cleaned (if necessary) each year during the permit term.

Responsible Department:

NDSU Facilities Management Department and University Police and Safety Office

C. Vehicle Maintenance Facility Site Plan

The NDSU Facilities Management will operate a vehicle maintenance facility under a site-specific pollution prevention plan. This plan will operate in accordance with all of the appropriate BMPs within this SWPPP. This site plan will include:

1. A site map indicating drainage patterns, the outline of the drainage area for each outfall, areas used for storage or disposal of materials, and any existing structures to reduce storm water contamination.
2. A list of any significant materials that may be exposed to or may contact storm water. Each material will identify the method and location for storage, disposal, and outdoor processing.
3. A description of any BMPs used to minimize the contact of storm water with materials or reduce pollutants in storm runoff.
4. Assess the potential for various sources at the site to contribute pollutants to storm runoff.
5. An evaluation of non-storm water discharges. Any non-storm water discharge from the site must be removed or controlled in accordance with MCM 3.
6. A description of BMPs that will be implemented to minimize potential pollutant sources. The site-specific plan must include BMPs to minimize storm water contact with materials at the site, spill prevention and response procedures, and sediment/erosion controls for areas vulnerable to erosion.
7. Annual inspection focusing on non-storm related discharges, deterioration, and overall effectiveness of structural BMPs.
8. Documentation of discharges, spills, inspections, and maintenance on BMPs. A record of inspections will summarize the inspection, observations, date, and name of the inspector.

Measurable Goals:

- Compliance with the site plan.
- Annual inspection results and documentation summary for the annual report.

Responsible Department:

The NDSU Facilities Management Department

D. Vehicle Maintenance Program

The NDSU Facilities Management will maintain pollution prevention measures for an outreach and training program directed at operations and maintenance staff involved in vehicle maintenance.

Measurable Goals:

- Number of employees trained in preventing pollution from vehicle maintenance activities.
- Number of spills reported.
- Number of educational materials distributed in the maintenance shop.

Responsible Department:

NDSU Facilities Management Department

E. Vehicle-Washing Program

The NDSU Facilities Management will continue a management measure that involves educating the operations and maintenance staff on the water quality impacts of the outdoor washing of equipment.

Measurable Goals:

- Number of educational materials distributed to university employees.
- Number of designated university vehicle-washing areas.

Responsible Department:

NDSU Facilities Management Department

F. Illegal Dumping Control Program

The NDSU Facilities Management will continue a program for the control of illegal dumping as a source control using public education. The illegal dumping control program will focus on campus involvement and target enforcement to eliminate or reduce illegal dumping practices. The illegal dumping control program will use a combination of public education and awareness, staff participation, site maintenance, and disciplinary measures to address illegal waste disposal.

Measurable Goals:

- Whether areas where illegal dumping is common were identified.
- Number of “no dumping” signs posted.
- Number of educational materials distributed.
- Number of reports of illegal dumping received.
- Number of dumpsites cleaned up.
- Number of disciplinary actions pertaining to illegal dumping.

Responsible Department:

NDSU Facilities Management Department

G. Hazardous Materials Storage Program

The NDSU Facilities Management will maintain procedures for the proper storage of hazardous materials. Storage spaces and containers will be routinely inspected for leaks, signs of cracks or deterioration, or any other signs of release. Storage areas, outdoor material deposits, loading and unloading areas, and raw materials will become covered or enclosed.

Measurable Goals:

- Number of regularly inspected storage units.
- Number of employees trained in hazardous material storage and maintenance.
- Total number of storage locations equipped to store hazardous materials.
- Number of materials distributed educating staff on the storage of hazardous materials.

Responsible Department:

NDSU Facilities Management Department

H. Spill Response and Prevention Program

The NDSU Facilities Management will maintain procedures for spill response and prevention plans that will state how to stop, contain, cleanup, dispose of contaminated materials, and train personnel to prevent and control future spills. This plan will be applicable to all locations where hazardous wastes are stored or used.

Measurable Goals:

- Whether an inventory of campus locations at risk for spills was created.
- Number of preventive maintenance procedures performed on tanks, valves, pumps, pipes, and other equipment.
- Whether a spill response plan was developed for all operations and maintenance locations.
- Number of personnel trained in spill response.
- Number of regularly inspected high-risk locations.
- Number of educational materials distributed to operations and maintenance employees.

Responsible Department:

NDSU Facilities Management Department

I. Used Oil Recycling Program

The NDSU Facilities Management will continue to recycle motor oil and oil filters.

Measurable Goals:

- Number of gallons of used oil collected from vehicle operations.
- Number of educational materials distributed to maintenance staff employees.

Responsible Department:

NDSU Facilities Management Department

J. Road Sand Application and Storage Procedures

The NDSU Facilities Management will continue to ensure the proper storage, enclosure or covering, and application of equipment and materials, including salt-treated sand. The program includes regulating the amount of applied road sand to reflect site-specific characteristics, such as road width and design, traffic concentration, and proximity to surface waters.

Measurable Goals:

- Number of employees trained in road sand application.
- Quantity of sand applied to roadways and parking lots.

Responsible Department:

NDSU Facilities Management Department

K. Educational Outreach Program

The NDSU Facilities Management Department will continue with educational outreach efforts designed towards developing, implementing, and enforcing a program that will reduce or eliminate the impacts of storm water runoff from facilities and maintenance operations that discharge into the storm water conveyance system.

Measurable Goals:

- Number of flyers, posters, or other public education tools distributed.
- Number of training programs offered to facilities and operation staff.

Responsible Department:

NDSU Facilities Management Department

IV. *BMP MCM 6 Performance Measures*

Planned Performance Measures

Maintain and update the vehicle maintenance facilities site plan; continue the operations and maintenance staff training program, a road sand application and storage program, a storm water conveyance system-cleaning program, and a regular parking lot and street-sweeping program, a vehicle maintenance and washing program, a hazardous materials storage program, a spill response and prevention program, and an oil-recycling program; and provide the annual report to NDDH.

V. *Person Responsible for Implementation and/or Coordination of Minimum Control Measure 6*

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