

RESOLUTION NO. 608-12

TA12-0003

Amend the text of the *Zoning Resolution of Natrona County, Wyoming*, incorporating previously approved and adopted Storm Water Management Program.

WHEREAS, the Natrona County Planning and Zoning Commission, pursuant to Section 18-5-202(b) W.S. 1977, held a public hearing on November 14, 2012, due notice of which was provided, to consider the same and forwarded a recommendation of approval to the Board of County Commissioners; and

WHEREAS, The Board of County Commissioners, pursuant to Section 18-5-202(c) W.S. 1977, held a public hearing on December 4, 2012, due notice of which was provided, on this matter in compliance with the Wyoming State Statutes; and

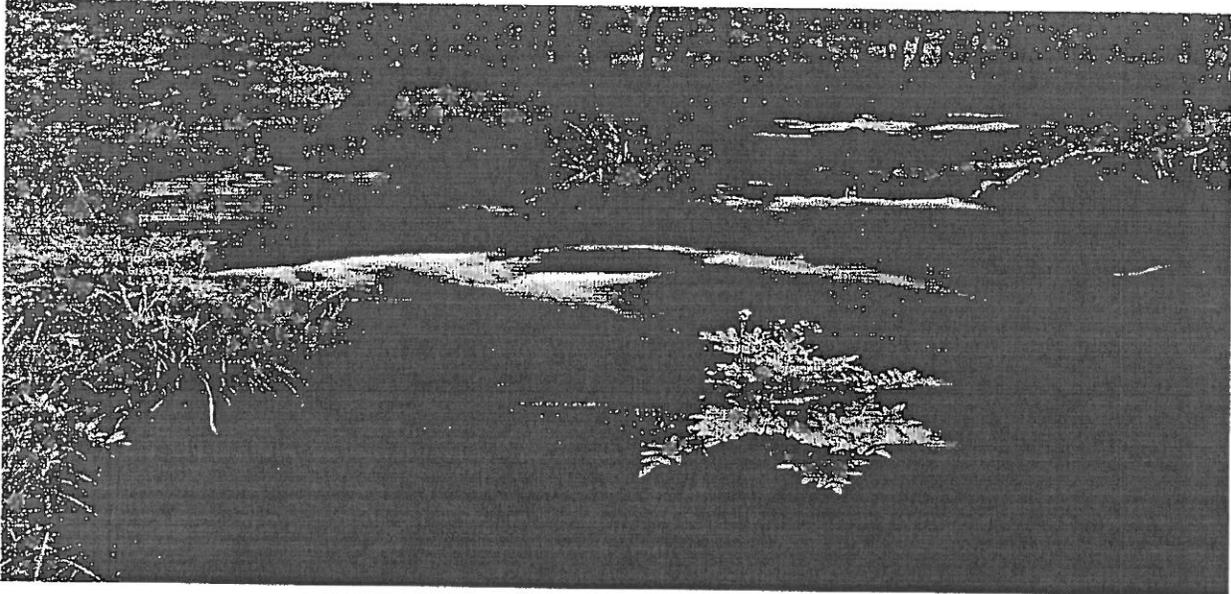
WHEREAS, the text amendment complies with the Zoning Resolution of Natrona County, Wyoming for all sections of Natrona County and does not adversely affect the public health, safety and general welfare of the County. The Board of County Commissioners hereby makes the following finding of facts as listed below in regard to this Text Amendment:

1. It is recognized that changing conditions in the County and/or legislative changes may require amendments be adopted to the language of this Resolution. *Zoning Resolution of Natrona County, Wyoming, Chapter 10, Section 2a* at page 175.
 - a) The Storm Water Management Program originated in federal regulations comprising the National Pollutant Discharge Elimination System. The storm water management program, also referred to as the Storm Water Pollution Prevention Plan(s) (SWPPP) is driven by a federal mandate and organizationally administered/coordinated by the Wyoming Department of Environmental Quality (WDEQ).
 - b) No land shall be used or occupied and no structure shall be located, erected, used, occupied, constructed, reconstructed, enlarged, changed, maintained or altered, except in conformity with all provisions of this Resolution.
 - c) This resolution has been adopted for the purpose of protecting the public health, safety and general welfare. One of the key means of fulfilling this objective lies in the establishment of performance standards which regulate physical development of lands. The storm water management program is a performance standard which applies to all phases of physical development—planning through construction—and delineates reasonable measures to minimize or eliminate the flow of sediment, trash and other pollutants into Natrona County's water systems. The storm water management program is therefore a water quality plan which limits practices resulting in degradation of Natrona County water resources.

NOW, THEREFORE, it is hereby resolved by the Board of County Commissioners of Natrona County, Wyoming, that the *Zoning Resolution of Natrona County, Wyoming* be amended in Chapter VII of the *Zoning Resolution of Natrona County, Wyoming*, renumber as Section 20 the previous Section 19 dealing with Collector Car Storage and insert a new Section 19 on page 148, as follows:

Storm Water Management Program

For Natrona County



Submission Letter

Notice of Intent

NOI Certification Statement

MS4 Permit

Frequently Used Acronyms

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Chapter 1

Natrona County Area Storm Water Management Program Overview

Purpose:

Natrona County is dedicated to preventing non-point source pollution from entering the waterways of the state. Clean water is necessary to maintain recreational activities and habitat preservation. The County recognizes water as the state's most valuable asset. In support of the Clean Water Act of 1972 and Phase II of the National Pollution Discharge and Elimination System (NPDES), the County is submitting an application for coverage under the state of Wyoming's general Permit for Storm Water Discharges. The County will develop, implement, and enforce a Storm Water Management Program, to protect water quality, and to satisfy the appropriate water quality requirements of the Wyoming Department of Environmental Quality and the Wyoming discharge permit regulations.

Location:

Natrona County is primarily a Ranching and Agriculture community with some heavy industry, light industry, residential and commercial land uses. Natrona County is sited

primarily in the center of the state with an area covering approximately 5340 square miles. The 2010 Census counted the resident population of unincorporated Natrona County 11,317, with 36 square miles of water, water quality concerns of the community are: keeping the local stream clean for recreation, irrigation, fishing and keeping drinking water sources clean.

Objective:

The objective of the SWMP is to improve water quality by implementing programs and practices to control the discharge of polluted storm water runoff for the Natrona County unincorporated area. The SWMP shall serve to develop appropriate BMPs and measurable goals for the following required six minimum control measures (MCMs):

- Public education and outreach
- Public participation and involvement
- Illicit discharge detection and elimination
- Construction site storm water runoff control
- Post-construction storm water management
- Pollution prevention & good housekeeping for municipal operations

Program Coordination:

In cooperation with other watershed partners, most goals are coalition-wide with some specific to Natrona County.

Natrona County Development Department
E. S. (Gene) Wallace, Development Director
Roger Currah, Building Official
200 North Center Street, Room 202
Casper, Wyoming 82601
Phone: 307-235-9435 Fax: 307-235-9436

A location map of the Natrona County Unincorporated area indicating the areas covered under this permit, as identified by the Department of Environmental Quality, is included in the appendix of this document. The location and general description of known MS4's operated by other public entities that discharge in to Natrona County is noted on the location map, as required by the application for permit coverage.

Industrial Facilities:

The Natrona County Road and Bridge Department is located at 538 S.W. Wyoming Blvd. Casper, Wyoming for the county fleet. In addition to the vehicle maintenance, this facility houses Parks, Recreation and fleet services. This is the central fueling location for the County fleet. This facility will not be covered under this permit; it is in the Town of Mills jurisdiction.

Execution of BMPs:

The BMPs that will be implemented in the Natrona County unincorporated area are listed in this SWMP under each respective minimum control measure section. Changes, modifications and alternate BMPs may be utilized if it is demonstrated that they meet the goals and intent of the originally selected BMPs. Where materials may not already exist, Natrona County will use readily available EPA and State guidance such as information and links provided in EPA's BMP Menu web pages at the following location:

<http://cfpub.epa.gov/npdes/stormwater/menuofbmps/menu.cfm>

Measurable Goals:

The SWMP identifies BMPs and measurable goals for each MCM. The measurable goals selected for each of the six minimum control measures serve to evaluate whether pollution due to storm water runoff has been reduced to the MEP for Natrona County. This information is intended to be utilized in determining the effectiveness of the SWMP and identify appropriate revisions, if necessary.

Chapter 2

Natrona County Area Storm Water Management Program Partners

Overview:

The SWMP identifies the permittee responsible for implementing minimum control measures within the area served by the above referenced MS4s participating in the program.

Shared Responsibilities:

The SWMP will share responsibilities for the public education and outreach and the public participation/involvement minimum measures of the plan. The SWMP relies on the City of Casper to perform certain required activities for minimum measures geared toward public education. The activities are detailed in the public education and outreach and the public participation/involvement sections of the plan. A contract for service provided by the City of Casper on behalf of the permittees has been executed and copies provided to the WDEQ as part of the annual reporting documentation. In the event the COFC is unable to provide these services in the future, the permittees will assume the responsibility of fulfilling the BMP implementation requirements and any changes in responsibilities will be accounted for within the annual reporting document.

Individual Responsibilities:

The SWMP includes numerous individual MS4 responsibilities under each of the six MCMs. Individual MS4 responsibilities covered under the SWMP are detailed in the Tables. The selections of the corresponding BMPs and measurable goals for each minimum measure have been tailored to each area served by the individual

Reporting:

All reports will be submitted in accordance with the guide lines set out by the Wyoming Department of Water Quality.

Chapter 3

Public Education and Outreach

Overview:

An informed and knowledgeable community is crucial to the success of a storm water management program. Without public knowledge of local water quality problems caused by urban runoff, it is difficult to obtain public support for local storm water quality programs. This support ranges from individuals changing their daily actions to community backing for all of the six minimum measures. As with all the minimum measures, the goal of this measure is to reduce the degradation of local water bodies and improve chemical, physical, and biological quality of state waters. In order to achieve this water quality benefit, Public Education programs target these outcomes:

Improve understanding of the reason why storm water quality programs exist. Public understanding of local impacts is particularly important when drainage facility owners and operators attempt to institute new funding initiatives for the program or seek volunteers to

help implement the program; and

Greater compliance with the program as the public becomes aware of the personal responsibilities expected of them and others in the community, including the individual actions they can take to protect or improve the quality of area waters.

This chapter outlines the State of Wyoming Phase II storm water regulatory requirements for the public education and outreach programs and offers our program elements and an implementation schedule of how Natrona County will satisfy these requirements.

Program Requirements:

The Wyoming Department of Environmental Quality WYPDES (WWQRR, Chapter 2, Section 6(j)(i)(B)(l) requires MS4 participants to do the following:

The permittee must implement a public education program to:

- 1. Distribute educational materials to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and steps the public can take to reduce pollutants in storm water runoff; and*
- 2. Inform public employees, business and the general public of impacts associated with illegal discharges and improper disposal of waste.*

The SWMP must include descriptions of:

- 1. The target audiences for the education program who are likely to have significant storm water impacts (including individuals, households and commercial, industrial and institutional entities);*
- 2. The educational goals for each audience in terms of increased awareness, acquired skills and /or changes in behavior.*

Current Public Education and Outreach Resources:

In cooperation with other watershed partners, most goals are coalition-wide with some specific to Natrona County. The City of Casper implements BMPs in the North Platte River watershed to address water quality impairments on the 303(d) list. North Platte River is the primary receiving body of water for storm water runoff in Natrona County unincorporated areas. The following educational and outreach programs for the North Platte River watershed area have been developed by the coalition and implemented by the City of Casper.

The City of Casper, through its public works has developed and implemented the following programs to address the Public Education and Outreach minimum measures:

The City collects hazardous waste from local and county residents and qualifying local businesses at the hazardous waste collection area at the local landfill.

The City operates a public compost facility for yard wastes including leaves, grass, clippings, limbs, branches, sod, manure and topsoil at the local landfill available for county residents also.

The City provides recycling bins in various locations throughout the city for all Natrona County residents.

The Coalition provides brochures detailing these services and their corresponding benefits to the community. These services have an effect on the overall water quality of the local water bodies by reducing the potential pollution that can end up in storm water runoff.

SWMP Public Education and Outreach BMPs:

Successful development and implementation of the Public Education and Outreach minimum measure should include non-structural BMPs that incorporate partnerships with

other governmental entities, educational materials and strategies, and outreach to diverse audiences. Natrona County will continue their partnership with the City of Casper to have the City of Casper provide educational material and/or perform outreach activities tailored to the Natrona County Watershed.

The water shed partners will continue developing and implementing public education programs and distribute educational materials to the community, or conduct equivalent outreach activities about the impacts of storm water discharges and the steps that been taken to reduce storm water pollution to target audiences including:

- Residential Households
- Construction Contractors
- Industrial facilities
- Users of public recreational facilities (i.e. Parks)
- Public Employees
- Governing Bodies (County Commissioners)

The educational goal for Natrona County is to increase awareness of storm water issues, ultimately change behavior, and improve storm water quality.

In addition to continued implementation of existing outreach activities, Natrona County shall implement the following additional BMPs to increase awareness about the importance of water quality to the residents within the Natrona County unincorporated watershed area:

- Natrona County will develop a storm water information section on the county website.
- Natrona County will make WYPDES brochures available to contractors at the Building Department counter.
- Natrona County will create a new category on its website under the existing "Report a Concern: feature for the purpose of public reporting of misuse of the storm sewer system such as illicit discharge and construction site sediment runoff. A phone number will be listed for people who want to phone in complaints.

Measurable Goals:

Table 1 details the identified BMPs, corresponding measurable goals, and schedule of implementation of the BMPs for the required Public Education and Outreach minimum measure.

	Schedule of Implementation	Measurable Activity (Goals)	Lead Entity	Funding Source
Develop and Implement a public education programs with other Municipalities	Meet annually to discuss any changes needed	Developed and printed up to 7 tri-folds and 3 books	City of Casper	WSC
Tri-fold Brochures	Update and reprint yearly throughout the term of the permit	# of media impressions	City of Casper	WSC
Conservation Gardening	Reprinted as needed	# of media impressions	City of Casper	WSC
Explore opportunities to promote storm water education and non point source pollution in other publications	Annually	number of publications and number distributed	City of Casper	WSC
Contractual - Design of Publications	Done	# of publications	City of Casper	WSC
WYPDES information available to developers/contractors	Available at building department beginning Fall 2012	Distribution of WYPDES brochures per year through Building and Planning Office	DD	NC
Storm water information section of the Natrona County website	Fall 2012	Operational storm water webpage	IT/DD	NC
Storm water misuse category within the existing County "Report a Concern" program on the County's website	Fall 2012	Operational storm water misuse category on the "Report a Concern" website	IT/DD	NC

Chapter 4

Public Participation/Involvement

Purpose:

The purpose of the Public Participation/Involvement minimum measure is to encourage public activity and involvement in the NCWSC area SWMP. An active and involved community allows for broader public support, a broader base of expertise and economic benefits, and acts as a conduit to other programs, ultimately increasing public compliance with the selected BMPs and the overall success of the SWMP.

This Chapter outlines the Wyoming Phase II storm water regulatory requirements for this minimum measure, the Natrona County water shed program elements and an implementation schedule should satisfy these requirements.

Program Requirements:

The Wyoming Department of Environmental Quality WYPDES (WWQRR, Chapter 2, Section 6(j)(1)(B)(II) requires participants to do the following:

The permittee must, at a minimum, comply with any applicable state and local public notice requirements when implementing the storm water management programs required under the permit. Notice of public meetings should be published in a community publication or newspaper of general circulation, to provide opportunities for public involvement that reach a majority of citizens through the notification process.

1. The SWMP must include descriptions of:

How the permittee will involve the public in the development and implementation of the Storm Water Management Program. The Department encourages permittees to make an effort to engage all constituents affected by or interested in the program.

Current Public Participation/Involvement Resources:

Natrona County currently complies with State and local public notice requirements. The Natrona County currently employs several advertising methods to comply with public meeting notification requirements.

The City has adopted the "Put your butt in the can" program and is seeking volunteer to help clean up portions of the North Platte River.

The City's recycling services provide opportunities for participation by local residents and qualifying businesses which, in turn, have an effect on the overall water quality of the local water bodies by reducing the potential pollution of storm water runoff.

The WYDOT currently administers its: Adopt-a-Highway" program.

SWMP Public Participation/Involvement BMPs

The entities that compromise the Casper Metropolitan Watershed area have worked cooperatively in the creation and implementation of a watershed approach to storm water and will continue the evaluation of opportunities for partnerships throughout the life of the permit. In addition to reviewing the timetable of ordinance adoption and statutory requirements for public participation, public storm water educational workshops will be established and volunteers in adoption of stream cleanup will be organized. The City of Casper storm water web site and storm water hotline will also foster public involvement and communication. The County will create a section on their website to address storm water issues. The identified non-structural BMPs for the required Public Participation/Involvement minimum measure are as follows:

- The WYDOT will administer any storm drain marking on I-25.
- The WYDOT will continue to administer the "Adopt-a-Highway" program
- The City of Casper did implement the "Put your Butt in the Can" program and work to increase volunteer participation by advertising the program at public events and throughout the city on billboards and buildings.

Measurable Goals:

Table 2 details the identified BMPs, corresponding measurable goals, and corresponding schedule of implementation of the BMPs for the required Public Participation/Involvement minimum measure.

BMP	Schedule of Implementation	Measurable Goal	Lead Entity	Funding Source
Comply with State and local public notice requirements	Continued compliance with applicable state and local requirements	Continued compliance with applicable state and local requirements	DD	DD
Track County cleanups	On going	Number of properties cleaned up	DD	DD
The city of Casper Recycling services	The City will continue to provide recycling services to local residents.		City of Casper	City of Casper
Hazardous waste Facility	On going	Number of tons	City of Casper	City of Casper

"Adopt-a-Highway" Program	WYDOT will continue to administer this program		WYDOT	WYDOT
"Put your Butt in the Can" program	The City will continue to administer this program		City of Casper	City of Casper

Chapter 5

Illicit Discharge Detection and Elimination

Purpose:

The purpose of the Illicit Discharge Detection and Elimination minimum measure is to reduce untreated discharges that contribute high levels of pollutants, including heavy metals, toxics, oil and grease, solvents, nutrients, viruses and bacteria to receiving water bodies.

The Federal definition of illicit discharges as stated in 40 CFR 122.26 (b)(2) is as follows:

"Illicit discharge means any discharge to a municipal separate storm sewer system that is not composed entirely of storm water except discharges pursuant to a NPDES permit (other than the NPDES permit for discharges from the municipal separate storm sewer) and discharges resulting from fire fighting activities."

EPA guidance documents list the following as examples of illicit discharges:

- Sanitary wastewater
- Effluent from septic tanks
- Improper oil disposal
- Radiator flushing disposal
- Spills from roadway accidents
- Mobile carpet cleaning
- Mobile power washing
- Improper disposal of auto and household toxics
- Improper connections to storm drain systems (floor drains, sanitary sewer, etc.)

Program Requirements:

The Wyoming Department of Environmental Quality WYPDES (WWQRR, Chapter 2, Section 6(j)(i)(B)(III) requires MS4 participants to do the following:

The permittee must develop, if not already completed, a storm sewer system map showing the location of all municipal storm sewer outfalls and the names and location of all surface waters of the state that receive discharges from these outfalls; to the extent allowable under state or local law, effectively prohibit through ordinance or other regulatory mechanism, non-storm water discharges into the storm sewer system, and implement appropriate enforcement procedures and actions and develop and implement a plan to detect and address no-storm water discharges, including illicit discharges and illegal dumping, to the system. The plan must include the following three components: procedures for locating priority areas likely to have illicit discharges, procedures for tracing the source of an illicit discharge and procedures for removing the source of the discharge.

The permittee shall address the following categories of non-storm water discharges or flows (i.e., illicit discharges) only if the permittee identifies them as significant contributors of pollutants to the permittees small MS4 discharges: landscape irrigation, lawn watering, diverted stream flows, irrigation return flow, rising groundwater, groundwater infiltration (as defined in 40 CFR 35.2005(20), pumped groundwater, springs, flows from riparian habitats and wetlands, water line flushing, discharges from potable water sources, foundation drains, air conditioning condensation, water from crawl space pumps, footing drains, individual residential car washing, de-chlorinated swimming pool discharges, and street was water (discharges or flows from fire fighting activities are excluded from the effective prohibition against non-storm water and need only be addressed where they are identified

as significant sources of pollutants to surface waters of the state.

Current Illicit Discharge Detection and Elimination Resources:

The following actions are recommended to address the requirements for Illicit Discharge Detection and Elimination;

1. Prepare a map showing the MS4 outfalls to surface waters in the unincorporated areas "within the Urbanized area" of Natrona County.
2. Develop a discharge detection program consisting of four (4) steps:
 - a. Locate problem areas through public complaints, visual screening
 - b. Find the source of the discharge.
 - c. Remove/correct illicit discharge.
 - d. Document corrective actions taken.
4. Through citizen watch groups previously recommended, establish as illicit discharge detection program,
5. Develop an educational program for County employee for the detection of illicit discharges and maintain an annual review/refresher program.
6. Work with the City of Casper/Natrona County Health Department on septic system discharges.

Measurable Goals:

Table 3 details the identified BMPs, corresponding measurable goals, and corresponding schedule of implementation of the BMPs for the required Illicit Discharge Detection and Elimination minimum measure.

BMP	Schedule of Implementation	Measurable Goal	Lead Entity
Completion of a map that shows the outfalls in Natrona County	Fall 2013	Map product maintains and updates	DD
Develop a discharge detection program consisting of four (4) steps ➤ Locate problem areas through public complaints, visual screening ➤ Find the source of the discharge. ➤ Remove/correct illicit discharge. ➤ Document corrective actions taken.	Fall 2013	Development and implementation of a program	DD
Through a citizens watch groups, establish as illicit discharge detection program,	Fall 2014	Natrona County with a citizens watch group will develop this process and implementation of a program	DD

Public education on the hazards associated with illegal dumping	On Going	Distribution of brochures	City of Casper
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Excluded Discharges: The following non-storm waste discharges are allowed under the SWMP and are not identified as significant contributors of pollutants.

- a) Landscape irrigation
- b) Diverted stream flows
- c) Irrigation return flows
- d) Rising ground waters
- e) Ground water infiltration (as defined at 40 CFR 35.2005(20))
- f) Springs
- g) Flows from riparian habitats and wetlands
- h) Water line flushing
- i) Discharges from potable water sources
- j) Foundation drains
- k) Air conditioning condensation
- l) Water from crawl space pumps
- m) Footing drains
- n) Individual residential car washing
- o) De-chlorinated swimming pool discharge
- p) Street wash water
- q) Discharges or flows from fire fighting

SWMP Illicit Discharge Detection and Elimination BMPs:

Successful development and implementation of the Illicit Discharge Detection and Elimination minimum measure revolves around a plan to detect and address illicit discharges. The identified BMPs for the required Illicit Discharge Detection and Elimination minimum measure are as follows:

- The County will continue to enforce its existing nuisance control/abatement regulations.
- The County will create a category on its existing "Report a Concern" website program for the purpose of public reporting of misuse of the storm sewer system, including illicit discharge.

BMP	Schedule of Implementation	Measurable Goal	Lead Entity
Completion outfalls map	Fall 2013	Map product maintains and updates	DD

Develop a discharge detection program consisting of four (4) steps ➤ Locate problem areas through public complaints, visual screening ➤ Find the source of the discharge. ➤ Remove/correct illicit discharge. ➤ Document corrective actions taken.	Fall 2013	Development and implementation of a program	DD
Through a citizens watch groups, establish as illicit discharge detection program,	Fall 2014	Natrona County with a citizens watch group will develop this process and implementation of a program	DD
Public education on the hazards associated with illegal dumping	On Going	Distribution of brochures	City of Casper

Illicit Discharge Corrective Actions:

If illicit discharges to the outfalls in the unincorporated area of the "urbanized areas" are identified, the permittee will attempt to locate the perpetrator of the illicit discharge and require the perpetrator to eliminate the illicit discharge. Because illicit discharges are typically outside of the permittee control, (i.e. not County operation), and may be difficult to link to a source, correction of the illicit discharge will require resources, time and assistance from other regulatory bodies having jurisdiction.

If illicit discharges are persistent, (i.e not the result of an accidental spill), identifiable and stem from a residential source, the permittee will request the cessation of the illicit discharge, and initiate enforcement actions using County regulations, if necessary.

If illicit discharges are persistent, identifiable and stem from a residential, commercial or industrial source; the permittee will attempt to identify State or Federal environmental regulations that apply and prohibit such a discharge. Examples of such discharges and applicable regulations including the following:

- Release from storage tanks or containers of reportable quantities of hazardous substances listed under CERCLA.
- Release of hazardous substances from an identifiable source in violation of the Wyoming Department of Environmental Quality's Water Quality Rules and Regulations, Chapter 4.
- Impacts to groundwater of the State that may cause the groundwater to be unsuitable for its intended use, in violation of WDEQ's Water Quality Rules and Regulations Chapter 8, "Quality Standards for Wyoming Groundwaters".
- Impacts to surface waters of the State in violation of WDEQ's Water Quality Rules and Regulations, Chapter 1, "Wyoming Surface Water Quality Standards".

Any person responsible for an illicit discharge in WYDOT right-of-way is responsible to stop

the discharge and for associated cleanup. When the responsible party cannot be identified for an illicit discharge in WYDOT right-of-way, maintenance personnel are responsible for cleanup. If the discharge is non-hazardous, maintenance will proceed with the cleanup. If the discharge is hazardous, a qualified contractor is called upon to complete the cleanup.

When such discharges are identified, the permittee will notify the person owning or having control over the release, request cessation of the illicit discharge, and send a letter to EPA and/or WDEQ summarizing the situation and indicating the applicable regulations. Enforcement of the Federal or State regulation is the responsibility of the Federal or State agency having jurisdiction.

If at the time of SWMP (July 2011), persistent and identifiable illicit discharges stemming from a commercial or industrial source are occurring in violation of the above listed, or other applicable Federal or State regulations, such illicit discharges are under the jurisdiction of the Federal or State agency that promulgated the regulation, and the permittees will not be required to correct the cause or effects of the illicit discharge. The permittees will however observe and monitor through visual or other means, the affected portions(s) or the MS4 conveyance system. The permittees will cooperate with the Federal or State agency having jurisdiction to reduce environmental impacts from the illicit discharge and attempt to eliminate the illicit discharge.

Chapter 6

Construction Site Storm Water Runoff Control

Purpose:

The purpose of the Construction Site Storm Water Runoff Control minimum measure is to reduce pollutants and sediment from being discharged to the North Platte River as a result of land disturbing construction activities. Sediment runoff rates from construction sites can be significant and can potentially contribute more sediment to streams than can be deposited naturally during several decades.

This Chapter outlines the Wyoming Phase II storm water regulatory requirements for this minimum measure, Natrona County program elements and an implementation schedule to satisfy these requirements.

Program Requirements:

The Wyoming Department of Environmental Quality WYPDES requirement is as follows:

A. The permittee must develop, implement and enforce a program to reduce pollutants in any storm water runoff to the MS4 from construction activities that result in land disturbance of greater than or equal to one acre. Reduction of pollutants in storm water discharges from construction activity disturbing less than one acre must be included in the program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more.

The program must be developed and implemented to assure adequate design, implementation, and maintenance of BMP's at construction sites within the permitted MS4 boundary to reduce pollutant discharges and protect water quality. The program must include the development and implementation of, at a minimum:

- 1. An ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under state or local law;*
- 2. Requirements for construction site operators to implement appropriate erosion and sediment control BMP's;*
- 3. Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at construction site that may cause adverse impacts to water quality;*

4. Procedures for site plan review, which incorporates consideration of potential water quality impacts;
5. Procedures for receipt and consideration of information submitted by the public, and
6. Procedures for site inspection and enforcement of control measures.

The SWMP must include descriptions of :

1. The permittees plan to ensure compliance with an erosion and sediment control regulatory mechanism, including the sanctions that may be employed.
2. Procedures to require construction site operators to control wastes.
3. Procedures for site inspection and enforcement of control measures, including how it will be determined which sites will receive what kind of inspection, and at what frequency.
4. Procedures for site plan review including a rationale for determining when a site plan review is warranted to protect surface water quality.

Program Elements and Implementation:

Develop and implement the best management practices and measurable goals for this minimum control measure. Reduce pollutants in storm water runoff from construction sites, disturbing an acre or more or part of a common plan that disturbs one or more acres; to create a construction site sediment and erosion control regulation; create written site plan review procedures incorporating storm water impact review including inspection and enforcement.

BMP	Schedule of Implementation	Measurable Goal	Lead Entity
Review Erosion Control and Sediment control on construction sites and development of inspection program	Spring of 2014	# of inspections Inspect each site??	DD/BD
Management of development and redevelopment in accordance with the County Subdivision Regulation	On Going	All development and redevelopment reviewed by County Planning Staff	DD
Development of an inspection program for construction sites	Spring of 2014	Construction sites are inspected in accordance to the International Building Codes	DD
Development and implementation of a set of procedures for the receipt of inquiries	Fall2013	Development and implementation of program for the receipt and consideration of information submitted by the public	DD

To comply with the minimum control measures for Construction Site Runoff control, the County must address the following areas:

BMP	Schedule of Implementation	Measurable Goal	Lead Entity
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Enact or revise resolutions or other regulatory mechanisms requiring the preparation and implementation of proper erosion and sediment controls and controls for other waste on construction sites larger than one acre or as the County may deem necessary.	Spring of 2014	# OF SITES INSPECTED	DD/BD
Develop a procedure for the review of construction site plans for potential water quality impacts.	Spring of 2014	# OF PLANS INSPECTED	DD/BD
Develop procedures for site inspections and enforcement of control measures	Spring of 2014		DD/BD
Develop penalties or sanctions to ensure compliance with appropriate resolutions	Spring of 2014	# OF VIOLATIONS	DD/BD
Establish procedures for the receipt and consideration of information submitted by the public	Spring of 2014	# OF INFORMATION/ COMPLAINTS RECEIVED	DD/BD

The following actions are recommended to address the requirements for Construction Site Runoff Control.

BMP	Schedule of Implementation	Measurable Goal	Lead Entity
Development or refinement of resolutions and construction standards for the control of on site runoff from construction sites larger than one acre	FALL OF 2013	RESOLUTION	DD/BD
Adopt construction standards for on site erosion control:	SPRING OF 2013	RESOLUTION	DD/BD

<ul style="list-style-type: none"> a. Mulch. b. Seeding. c. Stockpile covering. i. Natural, such as seeding, straw, etc. ii. Man-made such as tarps, chemical soil stabilization, etc 			
<p>Adopt standards for on site sedimentation controls:</p> <ul style="list-style-type: none"> a. Silt fencing. b. Inlet protection. c. Check dams. d. Detention ponds. e. Stabilized construction entrance such as treated gravel, asphalt, concrete, etc. f. Sediment traps 	SPRING 2013	RESOLUTION	DD/BD
<p>Expand the construction plan submittal and review process to include a Construction Site Runoff Plan for all construction activities on areas one acre or larger and have the County Staff responsible for these reviews properly trained to perform these review activities</p>	FALL OF 2013	ALL EMPLOYEES TRAINED	DD/BD
<p>Expand the inspection authority of the County Staff to include the inspection of Construction Site Runoff Control and have them properly trained to perform these activities.</p>	FALL OF 2013	ALL EMPLOYEES TRAINED	DD/BD
Through County	SUMMER OF 2013	RESOLUTION	DD/BD

Resolutions, establish penalties and/or sanctions for contractors failing to comply with Construction Site Runoff Control. g. Fines. h. Revocation of Building Permits. i. Etc.		COMPLETED	
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Chapter 7

Post-Construction Storm Water Management

Purpose:

The purpose of the Post-Construction Runoff Control minimum measure is to reduce pollutants in post-construction runoff to the North Platte River from new development to redevelopment projects that result in the land disturbance of greater than or equal to one (1) acre. Minimization of pollutants in Post-construction storm water discharges represents the most cost-effective approach to storm water quality management.

Program Requirements:

The Wyoming Department of Environmental Quality WYODES requirement is as follows:

A. *The permittee must develop, implement and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale that discharge into the drainage basins. The program must ensure that controls are in place that would prevent or minimize water quality impacts.*

The permittee must:

1. *Develop and implement strategies, which include a combination of structural and/or non-structural BMP's appropriate for the community*
2. *Use an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under state or local law; and*
3. *Ensure adequate long-term operation and maintenance of BMP's*

B. *The SWMP must include description of :*

1. *How the permittee will ensure the long-term operation and maintenance of BMP's required under this program area.*
 - 1.1 *How the permittee will track the location of and the adequacy of operation of long-term BMP's implemented in accordance with this program area.*
 - 1.2 *When applicable, how the permittee plans to enforce the requirements that other parties maintain BMP's.*

Program Elements and Implementation:

Develop and implement the best management practices and measurable goals for this minimum control measure, which include a combination of structural and/or non-structural best management practices.

Develop an ordinance requiring the implementation of post-construction runoff controls;

and develop a policy for the inspection, enforcement and long-term maintenance of all structural best management practices.

To satisfy the minimum control measures for post-Construction Runoff Controls, the County must develop and implement strategies which include a combination of structural and/or non-structural best management practices (BMP's), develop an ordinance or other regulatory mechanism requiring the implementation of Post-Construction Runoff Control, ensure the adequate long-term operation and maintenance of said controls and determine appropriate best management practices (BMP's) and measurable goals for these minimum control measures.

Measurable Goals:

BMP	Schedule of Implementation	Measurable Goal	Lead Entity
Through proper Comprehensive Planning and Zoning controls	On Going	Guide the growth of the community away from potential sensitive areas and restricting certain types of growth to areas that can support the runoff potentials	DD
Consider alternative construction standards to reduce or detain runoff flows	On Going	Such as grassy drainage ways, detention ponds, using different types of grasses and shrubs that are big water users in drainage areas, etc.	DD

Chapter 8

Pollution Prevention/Good Housekeeping for Municipal Operations

Purpose:

The purpose of the Pollution Prevention/Good Housekeeping for Municipal Operations minimum measure is to improve or protect the quality of the North Platte River Area waters by improving the performance of municipal or facility operations. The goal of the operation and maintenance program is to reduce the amount and type of pollution that collects on streets, parking lots, open spaces, storage and vehicle maintenance areas that ultimately discharge into the North Platte River. The program should also address potential pollution resulting from land development practices, floodplain management practices, and storm water system maintenance. Facilities included in this minimum measure include only municipal operations within the Natrona County area. At the time of this application there are no municipal operations in the Natrona County area.

Program Requirements:

The Wyoming Department of Environmental Quality WYPDES (WWQRR, Chapter 2, Section 6(j)(i)(B)(VI) requires MS4 participants to do the following:

"The permittee must develop and implement an operation and maintenance program that includes an employee training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations. The program must also inform public employees of impacts associated with illegal discharges and improper disposal of water

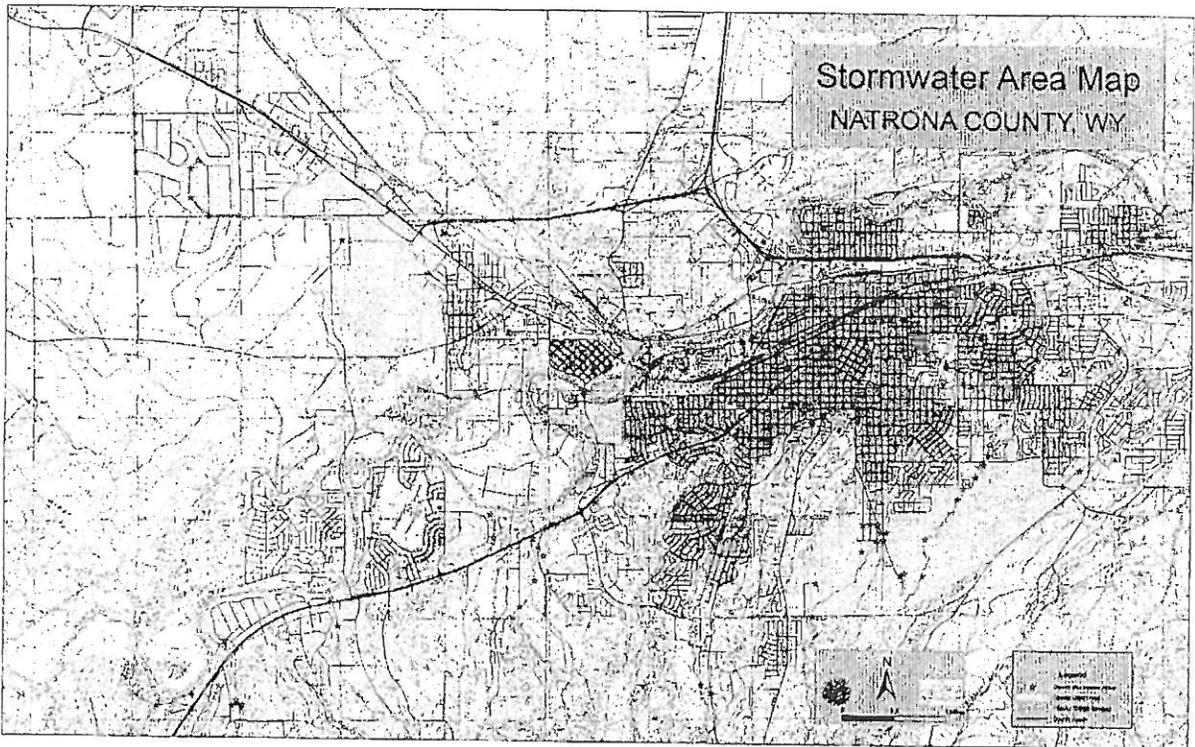
from municipal operations. The program must prevent and/or reduce storm water pollution from facilities such as roads, highways, municipal parking lots, maintenance and storage yards, fleet or maintenance shops with outdoor storage areas, salt/sand storage locations and snow disposal areas operated by the permittee, waste transfer stations, and from activities such as park and open space maintenance, fleet and building maintenance, street maintenance, new construction of municipal facilities and storm water system maintenance, as applicable."

To comply with the minimum control measures for Pollution Prevention/Good Housekeeping, the County must develop and implement an operation and maintenance program with the goal of reducing and preventing pollutant runoff from County operations into the Streams, develop and enact employee training on how to incorporate pollution prevention/good housekeeping practices and techniques into County operations such as drainage basin maintenance, new construction, and road maintenance and determine appropriate best management practices BMP's and measurable goals for this minimum control measure.

Measurable Goals:

BMP	Schedule of Implementation	Measurable Goal	Lead Entity
Develop a staff training program that is annually reviewed with appropriate staff	Fall 2013	Keeping County employees properly trained	DD
Annually review Storm Water Management Plan.	Fall 2012	Make sure everything is still enforceable	DD
The County will continue involvement in community cleanups	DAILY SITE VISITS TO OVERSEE PROPERTY PROBLEMS	With Code Enforcement site visits to properties out of compliance with Zoning Resolution	DD/CE

Natrona County Road and Bridge, located at 538 S.W. Wyoming Blvd, Mills, Wyoming is the Municipal Operations location for the County. They maintain the county fleet of vehicle with oil changes and repair work being done inside the garage area. The sand and salt used for the roads is kept in a covered area with limited exposure to the weather. Vehicle washing is done at Dooley Oil Company, 5100 East Yellowstone Hwy, Evansville, Wyoming.



PASSED, APPROVED AND ADOPTED this 4th day of December 2012.



ATTEST:

Renea Vitto
Renea Vitto, County Clerk

My term of office expires
January 5, 2015

BOARD OF COUNTY COMMISSIONERS
Natrona County, Wyoming

Ed Opella
Ed Opella, Chairman

APPROVED AS TO FORM:

William P. Knight Jr.
William P. Knight Jr., County Attorney