



**The Municipal Separate Storm Sewer System**

**(MS4)**

**NPDES Permit for**

**Nampa, Idaho**

**(#IDS-028126)**

# **The City of Nampa Annual Report**

**Permit Year Three of the Nampa MS4 Permit**

**(FY2012)**

**October 15, 2011 – October 14, 2012**

Prepared by the City of Nampa Stormwater Division

January 7, 2013

# Report of Certification

**Document:** City of Nampa 2011-2012 NPDES MS4 Annual Report for Stormwater Permit (#IDS-028126)

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations”

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Tom Dale, Mayor, City of Nampa

# City of Nampa NPDES MS4 Annual Report

---

Permit #IDS-028126  
January 7, 2013

Reporting Period  
October 15, 2011 to October 14, 2012

Submitted To:  
United States Environmental Protection Agency  
Stormwater Program  
NPDES Compliance Unit  
Region 10, Seattle, Washington, WA  
&  
Idaho Department of Environmental Quality  
Boise Regional Office  
Boise, Idaho

Submitted By:  
City of Nampa, Idaho  
411 3<sup>rd</sup> Street South  
Nampa, Idaho 83651

# Table of Contents

Summary of Permit and Annual Report Requirements .....	1
1. Executive Summary .....	2
2. Introduction.....	5
1.1 Permittee Information.....	5
1.2 Reporting Period .....	5
1.3 Report of Certification.....	5
3. Status of Stormwater Management Program.....	6
2.1 Introduction .....	6
2.2 Public Education and Outreach (Permit Part II.B.1).....	7
2.3 Public Involvement/Participation (Permit Part II.B.2).....	12
2.4 Illicit Discharge Detection and Elimination (Permit Part II.B.3).....	14
2.5 Construction Site Stormwater Runoff Control (Permit Part II.B.4).....	20
2.6 Post Construction Stormwater Management in New Development and Redevelopment (Permit Part II.B.5).....	27
2.7 Pollution Prevention and Good Housekeeping for Municipal Operations (Permit Part II.B.6) ...	31
Street Division Training Conducted In FY12 .....	33
2.8 Assessment/Monitoring (Permit Part IV).....	37
4. Discussion of Pollutants of Concern .....	39
3.1 Minimum Measure #1: Public Education and Outreach .....	39
3.2 Minimum Measure #2: Public Involvement/Participation .....	39
3.3 Minimum Measure #3: Illicit Discharge Detection Elimination.....	40
3.4 Minimum Measure #4: Construction Site Stormwater Runoff Control.....	40
3.5 Minimum Measure #5: Post Construction Stormwater Management.....	41
3.6 Minimum Measure #6: Pollution Prevention and Good Housekeeping for Municipal Operations. ....	41
5. Other Required Documents and Reports.....	42
Stormwater Management Plan (Revised 2013): See Appendix D .....	42
Monitoring Plan(Revised 2013): See Appendix E.....	42
Quality Assurance Plan (Revised 2013): See Appendix F.....	42
Copies of Additional Stormwater Materials: See Appendix G .....	42
Public Education and Outreach Plan: See Appendix H .....	42
Annual Stormwater Monitoring Report WY 2012: See Appendix I .....	42
Industrial Facility Inventory Report: See Appendix J.....	42
Illicit Discharge Detection and Elimination Plan: See Appendix K .....	42
Appendix A: Stormwater Acronyms .....	A-1
Appendix B: Stormwater Glossary.....	B-1
Appendix C: Stormwater Organizational Chart.....	C-1

Appendix D: Stormwater Management Plan ..... D-1

Appendix E: Stormwater Monitoring Plan ..... E-1

Appendix F: Quality Assurance Plan..... F-1

Appendix G: Copies of Additional Materials ..... G-1

- Educational Materials ..... G-1
- Nampa Stormwater Workshop Materials ..... G-1
- Stormwater System Maps ..... G-1
- Ordinances ..... G-1
- Subdivision Process and Policy Manual ..... G-1
- Other Stormwater Documents ..... G-1

Educational Materials ..... G-2

Nampa Stormwater Workshop Materials..... G-3

Stormwater System Maps..... G-4

Ordinances ..... G-5

Subdivision Process and Policy Manual..... G-6

Other Stormwater Documents ..... G-7

Appendix H: Public Education and Outreach Plan ..... H-1

Appendix I: Annual Stormwater Monitoring Report WY 2012 ..... I-1

Appendix J: Industrial Facilities Inventory Report ..... J-1

Appendix K: Illicit Discharge Detection and Elimination Plan ..... K-1

# Summary of Permit and Annual Report Requirements

As required by the EPA 1999 Stormwater Phase II Final Rule, the City of Nampa applied for National Pollution Discharge Elimination System (NPDES) permit coverage for stormwater discharges in February 2003. The United States Environmental Protection Agency (USEPA) issued the City of Nampa a Phase II Municipal Separate Storm Sewer System (MS4) NPDES permit (IDS-028126) effective October 15, 2009. This permit expires midnight October 14, 2014 and the City must apply for reissuance on or before April 18, 2014. This report summarizes permit activities for the third year of the first permit cycle.

The permit effective October 15, 2009 identifies that the City must develop, implement, and enforce a Stormwater Management Plan (SWMP) designed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable (MEP) and to protect water quality in receiving waters. The City's SWMP actions and activities include Best Management Practices (BMPs), system design, engineering methods, and other provisions appropriate to control discharges of pollutants from the MS4.

In addition to the individual permit issued to the City of Nampa, EPA has concurrently issued seven other NPDES permits for other regulated MS4s in the greater Nampa-Boise Urbanized Area in an effort to establish consistent, area wide expectations for the management of municipal stormwater. Other regulated small MS4s for which EPA has issued NPDES permits in the Nampa Urbanized Area include:

- City of Caldwell (Permit #IDS-028118),
- Canyon Highway District (Permit #IDS-028134),
- Nampa Highway District (Permit #IDS-028142),
- Notus-Parma Highway District (Permit #IDS-028151),
- City of Middleton (Permit #IDS-028100),
- Ada County Highway District (Permit #IDS-028185), and
- Idaho Transportation Department District #3 (Permit #IDS-028223).

EPA encourages all of the MS4 operators to work together to manage stormwater discharges in a comprehensive and consistent fashion throughout the Canyon and Ada County areas. In an effort to meet the wishes of EPA, the City of Nampa has taken the initiative to create the Canyon County MS4 Stakeholder's Group. Representatives from each of the regulated MS4s in Canyon County attend the meetings to discuss issues common to all participants and to provide technical and moral support.

Reporting requirements under the 2009 MS4 permit include an Annual Report for each year of the permit period to be submitted to the EPA and Idaho Department of Environmental Quality (IDEQ). Copies of all annual reports, including monitoring summaries when applicable, shall be made available to the public at City Hall and through the City's Stormwater Division website. .

# Executive Summary

Year three of the City of Nampa's MS4 Stormwater Permit ranged from October 15, 2011 through October 14, 2012. Per the permit, year three requirements were focused primarily on the first four minimum measures Public education/public outreach, public involvement/public participation, illicit discharge detection and elimination, and Construction Site Stormwater Runoff. In addition, the City implemented monitoring requirements identified in the permit's general requirements section. Finally, the City spent significant time and effort developing and implementing a Hispanic Outreach Program and forming a partnership with the Nampa School District. The following information highlights the stormwater program activities during the reporting year. Detailed discussion of the various stormwater program activities are provided throughout the annual report.

## Public Education and Outreach

- The Nampa Stormwater webpage was updated monthly with new content and translated so it now offers both English and Spanish content. Developing a bilingual webpage provides a tool for Hispanic community members to learn about the Stormwater Program, access educational information, provide input and view program documents.
- Two educational tip sheets were developed in both English and Spanish. The tip sheets provide everyday behavior changes people can implement to reduce stormwater pollution. The themes of the tip sheets included Car Maintenance and Report a Spill. Two additional tip sheets, Home Improvement Projects and Lawn and Garden are in the draft stages.
- The Car Maintenance tip sheet was placed in its entirety in the October 2012 IDAHO HISPANO GRATIS newspaper and placed into the city's utility bills for a full billing cycle.
- The City of Nampa formed a partnership with the Nampa School District to include stormwater-related education into classroom curriculum. The Nampa School District is actively educating students about stormwater.
- Outreach activities were developed for the second phase of the Urban Waters Initiative an EPA National Pilot Project showcasing Indian Creek and the Hispanic community members in Nampa. Many Hispanic community members in Nampa are excited about this program that provides vital stormwater information in Spanish and the opportunity to become involved in local government issues.
- A stormwater education informational kiosk was developed. The kiosk displays explain what stormwater is, why stormwater needs to be clean, that stormwater management is the law and provided other important stormwater information. The kiosk displays were presented in both English and Spanish. Tip sheets were also incorporated in the informational kiosk.
- Additional educational components have been added to the Construction Site Runoff Program to help educate the construction community about stormwater permit requirements for construction projects.

## Public Involvement and Participation

- The "City of Nampa Stormwater Division Public Education, Outreach and Involvement Plan" was updated. This document outlines the public education, outreach and involvement activities that will help the city fulfill its permit requirements.
- A Hispanic Outreach Plan was developed that lays out communication materials and outreach activities that will help educate the Hispanic community about stormwater issues.

- Public Involvement and Participation efforts included the second annual Community Clean Up Day held September 29, 2012. This event provided an opportunity for community members to remove trash from the banks of Wilson Drain and place storm drain markers on catchbasins discharging stormwater to Wilson Drain. The word of this project spread and the Stormwater Division had students from Nampa High School and people from the Hispanic community wanting to participate in these activities.
- Two workshops were held with the Environmental Protection Agency to provide an update on outreach with the Hispanic community.
- The City of Nampa participated in Bi-National Health Week on Oct. 13, 2012, an event that focuses on improving the health of the Hispanic Community. A bilingual display was developed and presented at the expo and educational tip sheets were handed out to participants.
- The City of Nampa participated in Labor Appreciation Day on Aug. 16, 2012, the goal of the event is to provide educational and resource information to the community.
- A Special City Council Workshop and periodic staff reports were presented to the City Council to provide updates on stormwater management program progress.

### **Illicit Discharge Detection and Elimination**

- Developed and began implementation of an Illicit Discharge Detection and Elimination Program (IDDE).
- Developed an information management database to track the activities and actions of the IDDE Program.
- Continued efforts to update the comprehensive storm sewer system map.
- Developed and distributed IDDE informational fact sheets and posters to target audiences.
- Developed and launched a Report a Spill page on the Stormwater website.
- Initiated dry weather screening efforts on city owned outfalls.
- Conducted an Industrial Inventory of all facilities that discharge directly to the MS4.

### **Construction Site Runoff Program**

- Continue to implement and update the Construction Site Runoff Program initiated in 2005.
- Inspected all construction projects disturbing five (5) acres or greater and developed prioritization for construction sites less than 5 acres.
- In the process of adding a Construction Site Runoff Program page to the Stormwater website to provide program information, educational materials and an opportunity to provide input on construction related projects.

### **Hispanic Outreach Program**

- Many efforts were implemented to educate and engage Nampa's Hispanic community with stormwater-related issues. The City reached out to local Hispanic organizations with bilingual educational materials including a bilingual website.
- Developed and implemented a Hispanic Outreach Plan.
- Hosted and attended a workshop on June 25, 2012 to confirm Hispanic outreach goals and messages.
- Attended various events focused on the Hispanic community.

### **Nampa School District Partnership**

- The City of Nampa formed a partnership with the Nampa School District to provide educational and outreach activities about stormwater.
- The Nampa School District will educate students about how they can help reduce pollutants of concern and pass their knowledge onto their family and friends.
- A majority of the Community Clean Up Day participants were comprised of local students and their families.
- The City of Nampa/Nampa School District partnership allows the City to utilize the experience and expertise of many talented teachers in Nampa while providing fun and diverse learning opportunities for the students.

### **Monitoring Program Development**

- Three (3) monitoring stations were installed complete with flow meters and Teledyne ISSCO Flowlink software.
- Samples were collected during four (4) storm events to include Indian Creek, Mason Creek and Wilson Drain. Discharge Monitoring Reports (DMR) including pollutant loadings were created for each sampling event.
- Created the Annual Stormwater Monitoring Report which provides monthly and annual pollutant loadings for monitoring samples collected during the third permit year. Details of this report can be found in Appendix G.
- Dry weather screening was initiated as required by the Illicit Discharge Detection and Elimination Program.
- City staff continued field verification activities on 1,696 City outfalls to verify ownership and confirm location and condition of outfalls. This information was used to assist in updating the City's Stormwater Comprehensive Storm Sewer System Map and conduct dry weather screening activities.

## Section 1

# Introduction

As part of the NPDES MS4 permit requirements, the City of Nampa is required to submit an Annual Report. The report will provide a summary of activities taken by the City to achieve compliance with permit requirements covering the six minimum measures. Specific stormwater reporting requirements and objectives are defined in Part IV of the City's NPDES MS4 Permit.

### 1.1 Permittee Information

Permit Number: IDS-028126  
Permittee: City of Nampa, Idaho  
Mailing Address: 411 Third Street South  
City, State, Zip Code: Nampa, Idaho 83651  
Phone Number: (208) 468-5478

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

(If yes, include updated map.)

Nampa is attaching a map showing the annexed areas from November 1, 2011 to October 31, 2012. Subsequent Annual Reports will include updated maps to include any added areas to the MS4 due to annexation or other legal means. (See Appendix G for a copy of the Annexation map.)

### 1.2 Reporting Period

October 15, 2011 to October 14, 2012

### 1.3 Report of Certification

See the signed Report of Certification provided at the beginning of this Annual Report as required in Permit Part VI.E *Signatory Requirements*.

## Section 2

# Status of Stormwater Management Program

## 2.1 Introduction

According to the Stormwater Phase II Rule, small MS4 owners/operators must reduce pollutants in stormwater to the MEP to protect water quality. The regulations specify that compliance with the MEP requirement can be attained by developing a SWMP that addresses the six minimum control measures described in detail. Properly managed stormwater can help to minimize or avoid problems with erosion, flooding, and damage to natural drainage features such as streams and wetlands as well as protect and provide wildlife habitat in these natural features. Nampa's SWMP strives to reduce or eliminate pollutants to local water bodies to the MEP as well as enhance and protect existing wildlife habitat valued by the citizens of Nampa.

The following sections provide a summary of activities associated with each of the six minimum measures including accomplishments to date and activities scheduled for subsequent permit years. Each section presents the same information for each minimum measure per permit requirements associated with the Annual Report. The following topics are addressed for each minimum measure:

- a. **General Summary.** General summary of accomplishments to date.
- b. **Evaluation of Compliance.** An evaluation of compliance with the requirements of this permit, the appropriateness of identified BMPs, and progress toward achieving identified measurable goals of the SWMP for the minimum control measure.
- c. **Results of Data Collected.** Results of any information collected and analyzed during the previous 12-month reporting period, including storm water discharge data, surface water monitoring data, and any other information used to assess the success of the program at reducing the discharge of pollutants to the maximum extent practicable.
- d. **Summary of Inspection and Enforcement.** A summary of the number and nature of inspections and formal enforcement actions performed.
- e. **Summary of Upcoming Activities.** A general summary of the activities the permittee will undertake during the next reporting cycle (including an implementation schedule) for the minimum control measure.
- f. **Proposed Changes to the SWMP.** Proposed changes to the SWMP, including changes to any BMPs or any identified measurable goals for any minimum control measures since previous report or permit application.
- g. **Permit Obligation Met by Other Entities.** Notice if the permittee is relying on another entity to satisfy some of the permit obligations, if applicable.

## 2.2 Public Education and Outreach (Permit Part II.B.1)

### General Summary

The City has progressed significantly in meeting the permit public education and outreach requirements. In 2012 the City implemented many efforts to educate and engage Nampa's Hispanic community with stormwater-related issues. The City reached out to local Hispanic organizations, participated in Hispanic community events and bilingual educational communication materials were developed, including a bilingual website. In addition, the City established a partnership with the Nampa School District to help students learn about stormwater pollution and also began developing an educational component to the Construction Site Program to educate developers about permit requirements.

### Evaluation of Compliance

#### *Implement an ongoing public education program, to educate the community (Permit Part II.B.1.a)*

- The City is working with the Nampa School District to develop a pilot program for the 2012-2013 school year in selected classrooms. Once established this program will be launched district wide and is scheduled to continue through June 1, 2015. This stormwater/water quality education program focuses on educating K-12 students about how they can help reduce pollutants of concern.
- The City implemented the second phase of EPA's Urban Waters Indian Creek Initiative. A Hispanic Public Outreach Plan was developed. The activities outlined in this document will build upon Nampa's research and early outreach efforts to engage the Hispanic community in the City's stormwater program and provide educational materials.
- The City attended Hispanic community events including Latino Health Conference, Labor Appreciation Day and Bi-National Health Week. Participating in community activities and events has proven to be an effective way to educate Hispanic residents about stormwater pollution,
- The City continued to incorporate input from a consultant and representatives of target audiences to assist in creation of public educational materials that reflected the needs of the community.
- The City hosted the second annual Community Clean Up Day on Sept. 29, 2012. At this event Stormwater staff presented a short overview of water quality concerns in the community and answered questions asked by the participants.
- The City reviewed and updated the Public Education and Outreach Plan for the Stormwater Management Plan.
- The City continued to respond to citizen concerns relating to stormwater issues. These concerns were brought to the attention of the Stormwater Division through a dedicated phone message line, Stormwater email inbox and Report a Spill page on the Stormwater website.
- The Stormwater Division began developing an educational component for the Construction Site Program. This educational component will help educate developers about stormwater permit requirements.
- The Stormwater Division began developing and educational component for the IDDE Program with will educate city employees, business owners and the general public about the hazards of illegal dumping.

#### *Distribute stormwater educational materials to target audiences (Permit Part II.B.1.b)*

- The City developed and distributed educational tip sheets and posters that focused on specific ways to keep the community and its water bodies healthy. These educational materials include:
  - Car Maintenance tip sheet (bilingual)

- Report a Spill tip sheet (bilingual)
  - Two (2) IDDE tip sheets
  - Two (2) IDDE posters
- A bilingual (English/Spanish) Car Maintenance tip sheet was distributed with the utility bills to target the general public. Starting September 16, 2012 and ending November 6, 2012 a total of 25, 612 utility customers received this bilingual stormwater informational tip sheet.
  - On August 26, 2012 Stormwater staff hosted an informational booth at the Labor Appreciation Day which honors Canyon County workers in every industry and nationality. This event was an opportunity to educate community members about stormwater pollution and answer questions. An estimated 700 to 800 people attended this event. The following is a list of informational materials provided at this event:
    - 500 Stormwater Community Clean Up Day bilingual fliers were available and people were encouraged to sign up and attend this upcoming event.
    - 500 bilingual Car Maintenance tip sheets were handed out to attendees
    - 75 stormwater related color sheets were handed out to kids
    - A bilingual display board containing general stormwater information was available for reference
  - On September 29, 2012 the Stormwater staff held the second annual Stormwater Community Cleanup Day focusing on Wilson Drain. The focus of this event to educate the public about stormwater pollution and encourage involvement in stormwater related activities. 94 people signed in on the sign-in sheet but the number of participants was likely higher since some of the children were not included on the sign-in sheet. The following summarizes the educational component of the event:
    - Stormwater staff presented a short water quality overview of to all of the participants
    - 87 drawstring sports packs with the Nampa Stormwater logo containing stormwater information were distributed to the participants
    - 167 storm drains marked with decals reminding people to “Dump no Waste, Drains to Stream”
    - 690 door hangers placed on nearby homes with tips on how to prevent stormwater pollution and information about the storm drain decals
    - 13 visual water quality assessments were performed by the participant along Wilson Drain
    - Cleanup efforts were performed on 19,007 feet or 3.59 miles of the Wilson Drain
    - Formed a community partner with Wal-Mart who helped sponsor the event
    - Provided City Council with a summary of Cleanup Day events on October 15, 2012.
  - On October 2, 2012 Stormwater staff hosted an informational booth at the City of Nampa Employee Wellness Fair. The focus of the information distributed to full and part-time employees and their families surrounded the idea of a clean and healthy environment by keeping pollutants out of the storm drains and local water bodies. Approximately 200 employees attended this event some with their families. The following is a list of the materials distributed at this event:
    - 200 copies of an IDDE fact sheets
    - 200 copies of a Report a Spill fact sheet
    - 100 copies of coloring sheets depicting appropriate stormwater behaviors
    - 100 copies of word games associated with general stormwater information
    - 200 copies of a bilingual Car Maintenance tip sheets

- 200 copies of a bilingual Stormwater Program fact sheet
- An interactive stormwater question game was utilized with pet pick up bags, stormwater bookmarks and candy handed out for participation.
- On October 13, 2012 Stormwater staff hosted an informational booth at the Bi-National Health Week, a Hispanic event. This event was an opportunity to educate community members about stormwater pollution and answer questions.
  - The City's Stormwater utility manager brought display boards and bilingual materials to the event.
  - The Stormwater Program partnered with a Spanish-speaking staff person to help the City successfully participate in the event.
  - Staff brought a sign-up sheet for people who would like to receive more information or participate in future activities
  - An estimated 400 participants attended this event
  - Communication with approximately 200 adults
  - Approximately 100 kids and young adults participated in the interactive stormwater game
  - Handed out approximately 300 informational fliers, some groups requesting additional information to pass on to others
  - Numerous stormwater bookmarks, color sheets and word games were handed out to kids
  - A Spanish-speaking staff person and members of the local Mexican Consulate conducted a live radio interview broadcasted from the event. This was a scripted interview providing general information about stormwater and Nampa's Stormwater Program
- The City worked with Hispanic publications (Idaho Hispano and Mirada Magazine) to include information about stormwater. An informative article was printed in Spanish and the bilingual tip sheet was included.
- Distributed IDDE poster to eight (8) public facilities and six (6) City departments/divisions
- Distributed Report a Spill poster to eight (8) public facilities and six City departments/divisions
- City distributed educational materials relating to EPA's Construction General Permit to appropriate audiences including contractors and developers within the urbanized area.
- The City met with the EPA and other community partners June 25, 2012 to provide an update on Hispanic outreach efforts.

*Update information on a stormwater website (Permit Part II.B.c)*

- The City of Nampa Stormwater Website can be found at : <http://www.cityofnampa.us/stormwater/>
- The following information provides an overview of the Nampa Stormwater website visits from February 1, 2011 through January 6, 2012:
  - 4,867 Visits
  - 2,945 Unique Visitors
  - 17,401 Pageviews
  - 3.58 Pages/Visit
  - 00:02:40 Average time on site
  - 58.54% New Visitors
  - 41.46 Returning Visitors
- The City has continued to update the Stormwater information webpage with appropriate educational information. The website includes all communication materials, the Stormwater Management Plan, annual reports and documentation of media events. The City has added the following pages:

- Bilingual tip sheets
- “Report a Spill” feature
- Bilingual webpages
- News webpage

## Results of Data Collected

N/A

## Summary of Inspections and Enforcement

N/A

## Summary of Upcoming Activities

- Continue to reach out to the underserved and minority community members. The City will continue to implement activities associated with EPA’s Urban Waters Indian Creek Initiative.
- Continue to distribute appropriate Stormwater education materials to target audiences. Materials will include tip sheets that focus on specific ways to keep the community (and its water bodies) healthy. Potential educational materials include the following topics :
  - “Lawn and Garden” – how to use fertilizers and pesticides sparingly, pick up after pets and avoid over-watering
  - “Home Improvement Projects” – how to wash paint brushes inside, sweep dirt off driveways and cover loads
- Continue to update Stormwater information webpage with appropriate educational information. The website includes all communication materials, the Stormwater Management Plan, annual reports and news media events. The City plans to create additional information such as:
  - Additional fact sheets
  - Construction Site Program webpage
  - A watershed map
- The City will continue to work with the Nampa School District to develop a program to educate K-12 students about how they can help reduce pollutants of concern.
- Expand summer science camps to include Stormwater/water quality information.  
The camps are sponsored by the City as part of the Keeping the Promise campaign
- Explore possible partnerships within the community to help promote a clean and healthy environment by reducing pollutants in the storm drains.
- Hold a quarterly coordination meeting for all Stormwater permit holders in Canyon County to share information and identify areas where efforts can be combined
  - Attendees will include the cities of Nampa, Caldwell, Middleton, Nampa Highway District, Canyon Highway District and Nampa-Parma Highway District. Representatives from the Partners for Clean Water (including the City of Meridian, Idaho Transportation Department and ACHD) will also be invited to attend.

- Develop a series of fact sheets and display boards that explain why Stormwater is a problem and how Nampa residents can help.
  - Fact sheets will be used to meet public education permit requirements and other permit requirements such as developer education and illicit discharge detection and elimination
- Develop a watershed map in a “cartoon” format that is easy to understand.
  - The map will be integrated with science camps, educational fact sheets and the website
- Issue media releases prior to Stormwater events.
  - The City is also exploring a possible partnership with surrounding permit holders for television advertising
- Host the third annual Community Clean-Up Day.
- Continue to update the Nampa City Council about the status of the Stormwater management program.
  - Updates with the City Council will be held every year
- Continue to respond to citizens that call into the City’s Stormwater phone line or contact staff through the email inbox or Report a Spill webpage.
- Continue to update the City’s mailing and email database of stakeholders who have participated in the Stormwater program
  - City staff will send news, updates and volunteer opportunities to this database throughout the program
- Develop a paid Spanish-language radio advertisement on Univision Television Group Inc. and KEWI AM 1450 Radio Station

### **Proposed changes to the SWMP**

N/A

### **Permit Obligation Met by Other Entities**

The City of Nampa Stormwater Division under the direction of the Department of Public Works is responsible for the implementation of the requirements set forth in the Public Education and Outreach minimum measure. In an effort to utilize the excellent experience and expertise of the local teaching community, the City of Nampa is proud and excited to form a partnership with the Nampa School District (NSD) 131 to assist in providing educational, communication and outreach services for the City’s Stormwater Program. A Memorandum of Understanding (MOU) between the City and the NSD and a Scope of Work covering the agreed upon activities for the time period of June 1, 2012 to June 1, 2015 is included in Appendix G. Before the expiration of the MOU both the City and NSD will evaluate the effectiveness of the partnership and discuss a renewal of the agreement. Stormwater Division staff will also work with the assistance of contracted consultants to develop and distribute stormwater and water quality educational materials to target audiences. As encouraged by EPA, the City of Nampa is working cooperatively with other MS4 operators in the Nampa Urbanized Area to coordinate efforts to provide a consistent stormwater message to the public.

## 2.3 Public Involvement/Participation (Permit Part II.B.2)

### General Summary

The City has progressed significantly in meeting the permit public involvement and participation requirements. The City began implementing activities for its Hispanic Public Outreach Plan, which is an effort to educate Nampa's Hispanic community about how to reduce stormwater pollution. A partnership was created with the NSD to involve the teachers, students and their families in stormwater related events. Current updates to the Stormwater Division website include various tools to notify the public of upcoming events and to provide an opportunity to input and/or report stormwater related concerns. All relevant SWMP documents and all Annual Reports are made available to the public on the Stormwater website which is updated on a regular basis. The Stormwater Division continued to keep City Council updated and hosted a successful second annual Community Clean-Up Day.

### Evaluation of Compliance

*Post all SWMP documentation and Annual Reports on the permittee's website (Permit Part II.B.2.b)*

- The City of Nampa Stormwater Division Website is developed and up-to-date with relevant Nampa Stormwater program documents and reports.
- Stormwater Program Documents currently posted on the website include:
- City of Nampa MS4 Permit
- Stormwater Design Manual
- 2010 and 2011 Annual Reports and supporting documents including:
  - Stormwater Management Plan
  - Stormwater Monitoring Plan
  - Quality Assurance Plan
- The 2012 Annual Report and supporting documents will be posted upon completion.

*Engage interested parties in the development of the SWMP (Permit Part II.B.2.c)*

- The City met with the following groups to discuss stormwater related activities and to receive input regarding these activities:
  - Nampa School District 131: Met regularly with the teachers who comprise the Stormwater Team of Teachers for the City/NSD partnership
  - Hispanic professionals in the Nampa community
  - Met several times with representatives from local and regional EPA offices including a June 25, 2012 workshop
  - Met with the Canyon County MS4 Stakeholder Group comprised of local Phase II MS4 permit holders on November 14, 2011
- Provided various opportunities for the general public to submit input to the Stormwater Division via phone message line, email inbox and input at public events

*Conduct at least one meeting with the City Council and public regarding SWMP Implementation (Permit Part II.B.2.d)*

- A Nampa City Council Workshop was held on January 31, 2012 to review the City's SWMP and utility.
  - A report was developed that provides a chronology of the development of Nampa's stormwater program. This report was presented to Nampa's City Council.
- Updates on the Stormwater Program are provided as appropriate to the City Council in the Staff Reports provided by the Public Works Director at each council meeting.

### *Organize and promote Community Clean Up Day (Permit Part II.B.2.e)*

- Stormwater staff hosted the second annual Community Clean Up day on Saturday, Sept. 29, 2012. The hours of the Clean Up Day were 9 a.m. to 12 noon. Volunteers marked storm drains and picked up litter along Wilson Drain.
- This event was promoted by a News Release published in the Idaho Press Tribune and the Idaho Statesman. The Public Works Public Involvement Coordinator conducted a radio interview with a local radio station about the event and posters were distributed at various public locations around town. The Stormwater Division website posted an announcement about the upcoming event and brochures were handed out at various public events.
- Stormwater formed a valued community partner with Wal-Mart who help sponsor the event. Wal-Mart allowed the use of their parking lot as a meeting place, provided a group of volunteers and items for a volunteer appreciation lunch after the event.
- The following reflect the accomplishments of a very successful Clean Up Day event:
  - 94 participants signed in for the event with the actual number higher to include children; estimate 120 participants;
  - 167 storm drains marked with decals reminding people to “Dump no Waste, Drains to Stream”;
  - 690 door hangers placed on nearby homes with tips on how to prevent stormwater pollution and information about the storm drain decals;
  - 22 bags of garbage collected along with one moss covered shopping cart, a water logged sign and a log pole;
  - 13 visual water quality assessments were performed along Wilson Drain;
  - 87 drawstring sports packs with the stormwater logo containing stormwater information were distributed to the participants;
  - 16 pounds of hotdogs were grilled to feed the hungry volunteers; the majority included 60 teenage students from the Nampa School District;
  - 100 percent of the volunteers returned safely!
  - Recognition and appreciation also goes to the Nampa School District for their efforts in promoting the event and recruiting students to participate in the Stormwater Clean-Up.

### **Results of Data Collected**

N/A

### **Summary of Inspections and Enforcement**

N/A

### **Summary of Upcoming Activities**

- Post all SWMP information on the Stormwater website
  - SWMP materials, Annual Report and other related information will be posted on the program’s website
  - 2012 Annual Report and supporting documents and corresponding updates will also be posted upon submittal to EPA and IDEQ
  - Public involvement opportunities such as events, presentations and meetings will be posted on the website

- Engage interested parties in the development of the SWMP
  - Continue to meet with the Canyon County MS4 Stakeholder Group meeting throughout 2013
  - The City will meet with the NSD and Hispanic professionals in 2013 to receive guidance and input to assist in developing stormwater related activities
- Conduct meetings with City Council
  - Updates to City Council will continue with staff reports and workshops as appropriate
- Organize and promote Community Clean Up Day
  - Nampa's 2013 Community Clean Up Day is tentatively scheduled to occur in September 2013

### Proposed changes to the SWMP

A review and update process will be performed on the Public Involvement and Participation BMPs prior to submitting the next Annual Report. Significant changes that involve replacing or deleting an ineffective or unfeasible BMP may require permit modifications as outlined in Part II.D of the permit.

### Permit Obligation Met by Other Entities

The City of Nampa Stormwater Division under the direction of the Department of Public Works is responsible for the implementation of the requirements set forth in the Public Involvement and Participation minimum control measure. In an effort to utilize the excellent experience and expertise of the local teaching community, the City of Nampa is proud and excited to form a partnership with the Nampa School District (NSD) 131 to assist in providing educational, communication and outreach services for the City's Stormwater Program. A Memorandum of Understanding (MOU) between the City and the NSD and a Scope of Work covering the agreed upon activities for the time period of June 1, 2012 to June 1, 2015 is included in Appendix G. Before the expiration of the MOU both the City and NSD will evaluate the effectiveness of the partnership and discuss a renewal of the agreement. Stormwater Division staff will work with the assistance of contracted consultants to meet the requirements set forth in this minimum control measure. As encouraged by EPA, the City of Nampa is working cooperatively with other MS4 operators to coordinate efforts to engage citizens in the discussion of effective stormwater management in the Nampa Urbanized Area. To date, there are no formal permit requirements being met by other entities. Areas where the City is relying upon other entities to meet specific permit requirements will be summarized in next year's annual report.

## 2.4 Illicit Discharge Detection and Elimination (Permit Part II.B.3)

### General Summary

The City developed and began implementing a plan to detect and eliminate illicit discharges into the MS4. The *City of Nampa Illicit Discharge Detection and Elimination Plan* (IDDE) outlines the procedures to identify the problem areas in the community, determine the source of the problem, remove the source if identified and document the actions taken. Implemented activities associated with the IDDE Plan include:

- Continue to update the comprehensive storm sewer system map
- Inform public employees, businesses and the general public of hazards associated with illegal discharges and improper disposal of waste
- Began dry weather screening of outfalls for dry weather flows
- Completed an inventory the industrial facilities discharging storm water to the MS4
- Developed an information management database system to track the activities and actions of the IDDE Program

The City currently prohibits illicit discharges in Title 8, Chapter 4 (Storm Drainage System) of Nampa City Code. Existing programs within the City currently address some of the issues associated with illegal

discharge and connections. Stormwater staff worked diligently with these departments/divisions to consolidate these efforts and add the additional requirements set forth by Nampa's MS4 permit. Nampa's Stormwater staff provides educational materials relevant to the hazards associated with illegal dumping to target audiences in conjunction with Part II.B.1 requirements.

Illicit discharge detection and elimination (IDDE) is an important part of the overall SWMP and is a requirement of the MS4 permit. This minimum control measure requires the MS4 operator to detect and eliminate illicit discharge from their MS4 system. The City is in the process of completing the comprehensive storm sewer system map of the stormwater drainage system. This includes all the City owned and operated storm sewers, catch basins, seepage beds and other conveyances, outfalls (including diameter, and latitude and longitude), connection points with other systems, and all City maintenance and storage facilities. The map is continually being updated with information collected from IDDE Program implementation and a copy is provided in digital format in Appendix G.

## Evaluation of Compliance

*Develop, implement and enforce a program to detect and eliminate discharges into the MS4 (Permit Part II.B.3.a)*

The purpose of an IDDE program is to find, fix and prevent illicit discharges to the city owned and operated municipal separate storm sewer system (MS4). The highest priority is to find any continuous and intermittent discharges to the storm drain system. In general, monitoring techniques are used to find problem areas and then trace the problem back upstream or pipe to identify the ultimate generating site or connection. The *City of Nampa Illicit Discharge Detection and Elimination Plan* (IDDE) outlines the procedures to identify the problem areas in the community, determine the source of the problem, remove the source if identified and document the actions taken. The following activities associate with the IDDE requirements have been incorporated into the IDDE Plan. As typical with a new program these activities are in various stages of implementation:

- **IDDE Program Establishment**
  - Compile all existing maps, pollutant concentrations and additional information.
  - Determine informed, responsible, Interdisciplinary IDDE Team.
  - Develop implementation plan with measurable program goals.
  - Begin to delineate the sub watersheds and develop screening factors.
  - Establish definition of "illicit" for project area and locate potential illicit discharge sites.
  - Public involvement and community awareness and education.
  - Perform Outfall Reconnaissance Inventory (ORI).
  - Identify, isolate and eliminate illicit discharge sources.
  - Integrate data into a master database.
  - Implement investigation, corrections, enforcement and ways for the public to report concerns.
  - Analyze data, characterize discharges, develop area-specific chemical library.
  - Update goals and strategies.
- **Outfall Identification and Verification**
  - Prioritization and schedule
  - Research and Field Preparation
    - Outfall selection
    - Weather check
    - Field supplies, attire, and equipment

- Confined space equipment and training
- Field Activities
  - Standard Operating Procedures
  - Access
  - Identification of New Outfall/Verification of Existing Outfall
  - Dry Weather Screening

*Adopt an ordinance or other control measure to prohibit illicit discharge to the MS4 (Permit Part II.B.3.b&c)*

The City currently prohibits illicit discharges in Title 8, Chapter 4 (Storm Drainage System) of Nampa City Code. Section 8-4-7: Discharge Prohibitions states: “No person shall discharge or cause to be discharged into the municipal storm drain system or watercourses any materials, including, but not limited to, pollutants or waters containing any pollutants that cause or contribute to a violation of applicable water quality standards.” Sections 8-4-14: Enforcement and 8-4-21: Penalties include the enforcement procedures and penalties associated with illicit discharge violations. This ordinance will be reviewed and update as appropriate as IDDE program implementation progresses. See Appendix G for a copy of the Storm Drainage System ordinance.

*Develop/update a comprehensive storm sewer system map (Permit Part II.B.3.d)*

The City is in the process of updating the comprehensive storm sewer system map of the stormwater drainage system. This includes all the City owned and operated storm sewers, catch basins, seepage beds and other conveyances, outfalls (including diameter, and latitude and longitude), connection points with other systems, and all City maintenance and storage facilities. Ongoing outfall verification efforts are performed on an ongoing basis and the comprehensive storm sewer system map is being continuously updated with this information. A working version is provided in digital format in Appendix G.

An extensive inventory of outfalls located on Indian Creek, Mason Creek, Wilson Drain and associated tributaries has revealed a significant number of discharge points along these receiving waters. All discharge points were cataloged using a hand held GPS unit, photographed with a digital camera, measured and evaluated for a number of conditions during Permit Years 1 and 2. As of October 31, 2012 a total of 1,696 outfalls have been inventoried. The process of field verifying the ownership and type of discharge from these outfalls is an ongoing effort to provide accurate and up to date information to the GIS staff. A map of the current outfall inventory and a table listing each outfall and associated data are provided in Appendix G in both hard copy and electronic format.

*Inform public employees, businesses and the general public of hazards associated with illegal discharges and improper disposal of waste (Permit Part II.B.3.e)*

**IDDE Public Education and Participation Plan**

Since public education and outreach and public participation and involvement are so closely tied together, the City has developed one plan to incorporate the MS4 permit requirements. The *City of Nampa Stormwater Division Public Education, Outreach and Involvement Plan* developed August 2011 outlines the public education, outreach and involvement activities that will help the city fulfill its MS4 permit requirements. The pollution prevention message targeting key behaviors overlaps with the desired objectives of the IDDE Program. Public education program fact sheets, materials and distribution methods will support the success of the IDDE Program. The following activities will assist the IDDE Team to reach target audiences:

- Develop and distribute educational fact sheets and posters pertaining to illicit discharge;
  - The City developed and distributed educational tip sheets and posters that focused on specific ways to keep the community and its water bodies healthy. These educational materials include:
    - Car Maintenance tip sheet (bilingual)
    - Report a Spill tip sheet (bilingual)
    - Two (2) IDDE tip sheets
    - Two (2) IDDE posters
  - A bilingual (English/Spanish) Car Maintenance tip sheet was distributed with the utility bills to target the general public. Starting September 16, 2012 and ending November 6, 2012 a total of 25, 612 utility customers received this bilingual stormwater informational tip sheet.
    - On August 26, 2012 Stormwater staff hosted an informational booth at the Labor Appreciation Day which honors Canyon County workers in every industry and nationality. This event was an opportunity to educate community members about stormwater pollution and answer questions. An estimated 700 to 800 people attended this event and 500 bilingual Car Maintenance tip sheets were handed out to attendees.
    - On September 29, 2012 the Stormwater staff held the second annual Stormwater Community Cleanup Day focusing on Wilson Drain. The focus of this event to educate the public about stormwater pollution and encourage involvement in stormwater related activities. 690 door hangers placed on nearby homes with tips on how to prevent stormwater pollution and information about the storm drain decals
    - On October 2, 2012 Stormwater staff hosted an informational booth at the City of Nampa Employee Wellness Fair. The focus of the information distributed to full and part-time employees and their families surrounded the idea of a clean and healthy environment by keeping pollutants out of the storm drains and local water bodies. Approximately 200 employees attended this event some with their families. The following is a list of IDDE materials distributed at this event:
      - 200 copies of a Report a Spill fact sheet
      - 200 copies of a bilingual Car Maintenance tip sheets
    - Distributed IDDE poster to eight (8) public facilities and six (6) City departments/divisions
    - Distributed Report a Spill poster to eight (8) public facilities and six City departments/divisions
- Implement storm drain stenciling efforts in conjunction with the Stormwater Community Clean Up Day and offer as an activity for groups such as Boy Scouts and church groups;
  - On September 29, 2012 the Stormwater staff held the second annual Stormwater Community Cleanup Day focusing on Wilson Drain. The focus of this event to educate the public about stormwater pollution and encourage involvement in stormwater related activities. 94 people signed in on the sign-in sheet but the number of participants was likely higher since some of the children were not included on the sign-in sheet. The following summarizes the IDDE educational component of the event:
    - Stormwater staff presented a short water quality overview of to all of the participants
    - 87 drawstring sports packs with the Nampa Stormwater logo containing stormwater information were distributed to the participants

- 167 storm drains marked with decals reminding people to “Dump no Waste, Drains to Stream”
- 690 door hangers placed on nearby homes with tips on how to prevent stormwater pollution and information about the storm drain decals
- 13 visual water quality assessments were performed by the participant along Wilson Drain
- Provide educational materials in Spanish in an effort to reach all members of the community;
  - Distribution of bilingual materials summarized in the above referenced accomplishments.
- Create a Report a Spill page on the Stormwater website to allow community members to report observed spills in their neighborhood;
  - Report a Spill webpage was created in September of 2012 and implemented in October of 2012.
- Implement a phone message line and a stormwater email address where the public can comment and provide input regarding the IDDE Program;
  - A dedicated Stormwater phone message line was established in 2010 and continues to be a valuable tool to receive comments and input regarding the IDDE program.
- Form community partners to assist in distributing education materials and recruiting participants for IDDE community events;
  - Community partners to date include:
    - Nampa School District
    - Hispanic professionals
    - Wal-Mart
- Provide appropriate educational training for public employees, businesses, and the general public about the hazards associated with illegal discharges and the improper disposal of wastes.
  - IDDE fact sheets have been distributed at the following events:
    - Labor Appreciation Day
    - Bi-National Health Week
    - Stormwater Community Clean Up Day
    - City of Nampa Employee Wellness Fair
    - Provided on the City of Nampa Stormwater website
  - Two (2) IDDE posters distributed at the following locations:
    - Hispanic Cultural Center
    - Albertsons on 12<sup>th</sup> and Greenhurst
    - Albertsons on 12<sup>th</sup> and 7<sup>th</sup>
    - Nampa Recreation Center
    - City Hall
    - Nampa Civic Center
    - Nampa Public Library
    - Nampa Wastewater Treatment Plant

Nampa Water Plant  
Nampa Vehicle Maintenance  
Nampa Street Division  
Nampa Family Justice Center  
Various schools in the Nampa School District

*Begin dry weather screening of outfalls: 20% of outfalls screened for dry weather flows (Permit Part II.B.3.f)*

During the first two years of the MS4 permit outfall identification and verification efforts were initiated. A total of 1,696 outfalls were documented with detailed information associated with each outfall. Of this total 1,275 are assumed to be city owned and operated due to the historical size requirement of 6 inches or larger for stormwater infrastructure. Screening 20% of the 1,275 outfalls would require the city to screen 255 outfalls for dry weather flows by the end of the first permit cycle. Verification efforts to determine ownership is currently ongoing to establish the number of outfalls to screen. Information from this activity provided a baseline of data to begin detailed screenings to detect non-stormwater flows from stormwater outfalls. Stormwater staff began dry weather screening activities during the summer of 2012 and completed 100 of the 255 estimated outfalls to screen. Stormwater staff will continue owner verification and dry weather screening activities. Dry weather screening procedures can be found in the *City of Nampa Illicit Discharge Detection and Elimination Plan* provided in Appendix K.

*Inventory the industrial facilities discharging storm water to the MS4 (Permit Part II.B.3.g)*

The City of Nampa NPDES Phase II permit requires the city to “inventory all industrial facilities in their jurisdiction that discharge runoff to the MS4 or directly to the waters of the United States.” The inventory is required to include those facilities listed in 40 CFR § 122.26 (b)(14). This list categorizes industrial facilities by Standard Industrial Classification (SIC) codes. The inventory also includes the facility name, facility location, outfall location, and NPDES permit status. The Industrial Facilities Inventory report is provided in Appendix J.

## Results of Data Collected

- City Stormwater staff has satisfactorily addressed 38 stormwater complaints from October 15, 2011 through October 14, 2012.
- City Streets staff responded to 14 stormwater related incidents called into the Street Division.
- An extensive inventory of outfalls located on Indian Creek, Mason Creek, Wilson Drain and associated tributaries has revealed a significant number of discharge points along these receiving waters. As of October 31, 2012 a total of 1,696 outfalls have been inventoried.
- Dry weather screening activities resulted in 100 city owned outfalls to be screened for potential illicit discharges.

## Summary of Inspections and Enforcement

During year three of Nampa’s MS4 permit 38 site inspections and 14 maintenance responses were performed as a result of an illicit discharge complaint. No formal enforcement actions were performed. Educational materials were handed out relevant to the nature of the discharge.

## Summary of Upcoming Activities

- Continue to update the comprehensive storm sewer system map with updated information from field verification activities.

- Continue to inform public employees, businesses and the general public of hazards associated with illegal discharges and improper disposal of waste.
- Conduct training for city employees on recognizing illicit discharges and the proper response procedures.
- Continue activities associated with dry weather screening of outfalls for dry weather flows.
- Update the Industrial Facilities Inventory report as appropriate.
- Continue to update the IDDE information management database system that tracks the activities and actions of the IDDE Program.
- Continue to respond to citizen reports of stormwater related spills and concerns.

### **Proposed Changes to the SWMP**

A review and update process will be performed on the Illicit Discharge Detection and Elimination BMPs prior to submitting the next Annual Report. Significant changes that involve replacing or deleting an ineffective or unfeasible BMP may require permit modifications as outlined in Part II.D of the permit.

### **Permit Obligation Met by Other Entities**

The City of Nampa Stormwater Division under the direction of the Department of Public Works is responsible for the implementation of the requirements set forth in the Illicit Discharge Detection and Elimination minimum control measure. Stormwater Division staff will work with the assistance of contracted consultants to meet the requirements set forth in this minimum control measure. As encouraged by EPA, the City of Nampa is working cooperatively with other MS4 operators to coordinate efforts to provide consistent and effective Stormwater management in the Nampa Urbanized Area. To date, there are no formal permit requirements being met by other entities. Areas where the City is relying upon other entities to meet specific permit requirements will be summarized in next year's annual report.

## **2.5 Construction Site Stormwater Runoff Control (Permit Part II.B.4)**

### **General Summary**

A majority of the Construction Site Stormwater Runoff Control program components were developed and implemented at program start up in 2005. Title 9 Chapter 6 of Nampa municipal code (Erosion and Sediment Control/Grading) was adopted March 7, 2005. The purpose of this ordinance "is to safeguard persons, protect property, prevent damage to the environment, and promote the public welfare by guiding, regulating, and controlling the design, construction, use, and maintenance of any development or other activity which disturbs or breaks the topsoil or results in the movement of earth on land in the city of Nampa." This ordinance allowed the City to implement and enforce a program to reduce pollutants in any stormwater runoff to the MS4 from construction activities through plan review, site inspection and the distribution of educational materials. Additional program components included since program startup include receiving input from the public on Erosion and Sediment Control (ESC) site plan review, prioritizing smaller construction sites for inspection and inspecting larger construction site at least once per construction season. The Stormwater Division will strive to receive input from the general public as well as surrounding municipalities in updating the current ESC program to be consistent with ESC requirements throughout the Treasure Valley.

### **Evaluation of Compliance**

The following measures have been implemented in Nampa's Construction Site Stormwater Runoff Control Program:

*Implement and enforce a construction site runoff control program for sites disturbing one or more acres of land: review and update the program as necessary (Permit Part II.B.4.a)*

The City must implement and enforce a program to reduce pollutants in any stormwater runoff to the MS4 from construction activities resulting in land disturbance of greater than or equal to one acre. This program must also include controls for pollutants in such stormwater discharges from activity disturbing less than one acre, if that construction activity is part of a larger common plan of development or sale that disturbs one acre or more.

A majority of the Construction Site Stormwater Runoff Control program components were developed and implemented at program start up in 2005. Title 9 Chapter 6 of Nampa municipal code (Erosion and Sediment Control/Grading) was adopted March 7, 2005. This ordinance allowed the City to implement and enforce a program to reduce pollutants in any stormwater runoff to the MS4 from construction activities through plan review, site inspection and the distribution of educational materials. Key components of this program include the following activities:

- Implement and enforce a construction site runoff control program
- Provide adequate direction to project proponents regarding the EPA Construction General Permit
- Adopt an ordinance to require construction site operators to practice erosion, sediment and waste control
- Publish and distribute written requirements for construction site best management practices
- Review/update as necessary, procedures for reviewing site plans and accepting public input
- Implement site inspection and enforcement procedures
- Ensure all permittee-owned construction projects comply with EPA's Construction General Permit (CGP)

Consistency in the local ESC requirements in Canyon and Ada Counties is a goal in the review and update process. Stormwater staff will perform an annual review of the program activities and make appropriate changes as necessary.

*Provide adequate direction to project proponents regarding the EPA Construction General Permit (Permit Part II.B.4.b)*

Nampa's Erosion and Sediment Control Program distributes information regarding EPA's CGP in various methods. Information regarding EPA's CGP Stormwater Pollution Prevention Plan (SWPPP) requirements is presented in the following ways:

- The City provides adequate direction to project proponents regarding the EPA Construction General Permit on an ongoing basis.
  - Materials provided by the following methods:
    - Conceptual Plan Review Meetings: Intended to provide general guidance concerning Stormwater pollution prevention to prospective projects applicants.
    - Pre-Bid Meetings: Intended to provide project specific stormwater pollution prevention information to all project applicants.
    - Pre-Construction Meetings: Formalizing a development agreement covering the entire scope of the project including stormwater pollution prevention BMPs.
    - Available as a flyer for reference.

*Adopt an ordinance or other control measure to require construction site operators to practice erosion, sediment and waste control (Permit Part II.B.4.c)*

Title 9 Chapter 6: Erosion and Sediment Control/Grading of City Code was adopted by City Council March 7, 2005. This ordinance allows the City to regulate and control the design, construction, use, and maintenance of any development or other activity which disturbs or breaks the topsoil or results in the movement of earth on land in the city of Nampa. This ordinance allowed the City to implement and enforce a program to reduce pollutants in any stormwater runoff to the MS4 from construction activities through plan review, site inspection and the distribution of educational materials. The following is a summary of the contents of the ESC ordinance:

- Section 9-6-1: Purpose and Intent;
- Section 9-6-2: Applicability;
- Section 9-6-3: Definitions;
- Section 9-6-4: Permits;
- Section 9-6-4-1: Permits Required;
- Section 9-6-4-2: Fees Required;
- Section 9-6-4-3: Fees;
- Section 9-6-4-4: Fee Refund;
- Section 9-6-4-5: Failure To Correct Violation; Permit Revocation;
- Section 9-6-4-6: Expiration Of Permit By Limitation;
- Section 9-6-4-7: Permits Denied;
- Section 9-6-4-8: Additional Causes For Permit Revocation;
- Section 9-6-4-9: Inspection Of Work;
- Section 9-6-5: Erosion And Sediment Control Plan;
- Section 9-6-6: General Requirements And Prohibitions;
- Section 9-6-7: Inspections;
- Section 9-6-8: Enforcement;
- Section 9-6-9: Severability;
- Section 9-6-10: Effective Date of Chapter.

This ordinance shall be reviewed as the Construction Site Runoff Program progresses and updates will be made as appropriate. See Appendix G for a copy of the ESC ordinance.

*Publish and distribute written requirements for construction site best management practices (Permit Part II.B.4.d)*

Materials associated with written requirements for construction site BMPs are distributed in a variety of ways to various target audiences. Generally, the materials cover the requirements for large and small projects within Nampa city limits. Commercial contractors, homebuilders, homeowners and municipal employees are the target audiences to receive these written requirements for proper BMPs at construction projects. Stormwater staff has published and distributed written requirements for construction site best management practices to target audiences.

- Materials associated with written requirements for construction site BMPs are distributed in a variety of ways to various target audiences on an ongoing basis. Materials distributed by the following methods:
  - Erosion and Sediment Control (ESC) Permit Application Packets available online and over the counter.

- Provided with approved ESC permit sign and associated documents.
- Available at an information kiosk at City Hall.
- Verbal direction is provided to the IDEQ *Catalog of Stormwater Best Management Practices for Idaho Cities and Counties* upon request or as applicable. A link to this catalog will be provided on the Erosion and Sediment Control webpage on the Stormwater Division website. This webpage has been developed and scheduled to be launched in early 2013.
- Distribute ESC educational materials in conjunction with construction site inspections.

*Develop, or review/update as necessary, procedures for reviewing site plans and accepting public input (Permit Part II.B.4.e&f)*

Currently all commercial pre-construction site plans for construction projects within the Nampa city limits disturbing more than 2 cubic yards of soil are reviewed for proper stormwater management practices. Any deficiencies in the Specific Construction Site Discharge Plans (SCSD) are corrected before an approved ESC permit may be issued. Procedures for reviewing all commercial pre-construction site plans for potential water quality impacts will be reviewed and updated as appropriate to ensure compliance with the MS4 permit.

### **Procedures for Reviewing Site Plans**

An approved ESC Permit is required for any land disturbing activity where two or more cubic yards of soil are to be disturbed. Stormwater staff will review all commercial site development Erosion/sediment control permit applications with associated Stormwater Pollution Prevention Plan (SWPPP) or Erosion Control Plan (ECP) within 10 working days of receipt for conformance with the provisions of Title 9 Chapter 6. Use of the Construction Site Discharge Control Program checklist will ensure consistency when reviewing plans to identify SWPPP or ECP deficiencies. Residential ESC Permits are currently issued by the Building Department staff and are not reviewed prior to issuance. Typically these permits are less than one acre in size and are transferred to the Stormwater Division for review if the size exceeds the less than one acre permit application requirement for residential projects.

For site developments where land disturbing activity is one acre or more a SWPPP is required and will be reviewed for the following:

- Contact Information/Responsible Parties
- Site Evaluation, Assessment, and Planning
- Documentation of Compliance with Other Federal Requirements
- Erosion and Sediment Controls
- Pollution Prevention Standards
- Inspection and Corrective Action
- Training
- Certification and Notification
- The SWPPP Must be prepared by a Certified Plan Designer

For commercial site developments where land disturbing activity is less than one acre in size an ECP is required and will be reviewed for the following:

- Contact Information/Responsible Parties
- Site Evaluation, Assessment, and Planning
- Evaluation of Compliance with Local Requirements

- Erosion and Sediment Controls
- Pollution Prevention Standards
- Inspection and Corrective Action
- Training
- Certification and Notification
- The Preparation of the ECP By a Certified Plan Designer is Preferred But Not Required

The following is a summary of the Plan Review activities performed in conjunction with the Construction Site Stormwater Runoff program:

- In year three, 150 commercial plans were reviewed for Erosion and Sediments Control requirements
- In year three, 405 Erosion and Sediment Control Permits Were Issued
  - 255 Residential (All less than one acre in size)
  - 150 Commercial
    - 142 less than one acre in size
    - 8 greater than or equal to one acre in size

### Accepting Public Input

The City of Nampa encourages and welcomes input from the public on all aspects regarding the SWMP. Public input regarding potential construction projects and complaints associated with existing construction projects can be provided in several ways:

- Stormwater staff receives verbal input over the phone.
- Receive verbal input from messages left on the dedicated Stormwater phone message line.
- Receive written input submitted to the Stormwater email inbox.
- An Erosion and Sediment Control input/comment form will be implemented on the Stormwater website in early 2013. Template can be found in appendix G.

Public input regarding potential construction projects will be taken into consideration during the plan review process. Public input regarding complaints about existing construction projects are investigated in prompt and timely manner. The Stormwater Division will strive to receive input from the general public as well as surrounding municipalities in updating the current ESC program to be consistent with ESC requirements throughout the Treasure Valley.

- Ensure all permittee-owned construction projects comply with EPA's Construction General Permit (CGP)
  - In year three, 17 major City construction projects were completed
- Stormwater Division staff will add the provisions to the review procedure for receipt and consideration of information submitted by the public on the review process.

*Implement site inspection and enforcement procedures. Inspect all construction sites >5 acres at least once per construction season. Develop a written policy identifying how construction sites disturbing <5 acres will be prioritized for inspection (Permit Part II.B.4.g)*

**Implement site inspection and enforcement procedures.** ESC staff conducts site inspections as scheduled and on an as warranted basis. Unscheduled informal site inspections are logged in the inspector's daily field notes while scheduled formal inspections are documented on an official site inspection form. Complaints from the public or evidence of a deviation from approved BMPs will result in a site inspection to investigate possible noncompliance. Enforcement actions as a result of site inspection include a verbal warning, written Notice of Violation (NOV), Stop Work Order (SWO), and possible fines. The Stormwater Division will periodically review and update ESC site inspection

and enforcement procedures to ensure permit compliance. The following represents year three actions of the construction site inspection activities:

- Implement site inspection and enforcement procedures
  - In year three, 221 site inspections were performed
    - 150 Residential (All less than one acre in size)
    - 71 Commercial (3 greater than 5 acres in size)
  - In year three, 1 enforcement action was performed

The Stormwater staff utilizes construction site inspections for the distribution of educational materials and will work with the responsible parties to resolve the ESC issue before moving forward with formal enforcement actions. Formal enforcement actions implemented in conjunction with the Construction Site Runoff program are found in Title 9 Chapter 6: Erosion and Sediment Control/Grading of Nampa City code.

**Inspect all construction sites five (5) acres or more at least once per construction season.** Formal inspection of all active construction sites five (5) acres or more has been incorporated into the ESC inspection program. These construction sites are inspected once per construction season for appropriate erosion/sediment/waste control practices. The following represents the inspection activities accomplished on construction sites five (5) acres or greater:

- ESC staff performed formal inspections on three (3) construction sites five (5) acres or greater in size.

**Develop a written policy identifying how construction sites disturbing less than five (5) acres will be prioritized for inspection.** Construction projects on or adjacent to environmentally sensitive areas have historically warranted additional site visits to monitor the area for potential pollutants. This working knowledge of Nampa's environmentally sensitive areas has provided the basis to prioritize construction projects disturbing less than five (5) acres for site inspections. Additional factors considered for prioritization include soil type, grade, and location of drainage conveyance in the vicinity of the project and trends of illicit discharge in the area. A written policy for identifying how construction sites disturbing less than five (5) acres will be prioritized for inspection is provided in appendix G. The following is a summary of the prioritization criteria for inspecting construction sites less than five (5) acres in size:

### ***Prioritization Criteria***

Construction projects less than five (5) acres in sized and issued an approved City of Nampa Erosion and Sediment Control permit will be inspected based on the following prioritization criteria included but not limited to:

- Construction sites that present the potential to impact public health and safety.
- Construction sites that generate citizen complaints or receive concerns provided by public input.
- Construction sites that are within fifty (50) feet of water bodies.
- Construction site that contain or are adjacent to environmentally sensitive areas such as wetlands or impaired water bodies.
- Construction sites that exceed ten percent (10%) in grade.
- Regularly scheduled site inspections to evaluate ESC permit compliance.

### *Ensure all permittee-owned construction projects comply with EPA's Construction General Permit (Permit Part II.B.4.h)*

All public construction projects within the City of Nampa are required to comply with the CGP and all relevant ESC requirements established in Nampa City Code. This includes all contractors working on behalf of the City. Specific language relating to applicable erosion and sediment control, pollution prevention and onsite materials control has been incorporated into all contract documents ensuring appropriate stormwater management on all public construction projects. Contract document language regarding CGP and ESC requirements are provided in Appendix G.

## Results of Data Collected

N/A

## Summary of Inspections and Enforcement

Nampa's Erosion and Sediment Control staff with some assistance from the Building Department performed the following inspections to ensure compliance with requirements of the Construction Site Stormwater Runoff Control minimum measure:

- Implement site inspection and enforcement procedures
  - In year three, 221 site inspections were performed
    - 150 Residential (All less than one acre in size)
    - 71 Commercial (3 greater than 5 acres in size)
  - In year three, 1 enforcement action was performed

Erosion and Sediment Control staff issued one (1) NOV to contractors lacking adequate erosion and sediment control BMPs. No fines were levied in conjunction to any of these enforcement actions. Educational materials were provided to recipients of the NOV and additional assistance was provided if requested.

## Summary of Upcoming Activities

A review and update process will be performed on the Construction Site Stormwater Runoff Program prior to submitting the next Annual Report. Significant changes that involve replacing or deleting an ineffective or unfeasible BMP may require permit modifications as outlined in Part II.D of the permit. The following represent some of the upcoming activities in the Construction Site Stormwater Runoff Program:

- Implementation of the Erosion and Sediment Control webpage on the Stormwater Division website. The design for this webpage has been designed and is scheduled for implementation in early 2013. This webpage will contain the following information:
  - General information about the Construction Site Runoff Program
  - Information about Nampa's Construction Site Runoff Program
  - Link to Erosion and Sediment Control/Grading ordinance
  - Permit resources for construction sites over 2 cubic yards, but under one acre
    - Application for ESC Permit
    - ESC submittal requirements
    - Nampa's Site Specific Construction Plan requirements
  - Permit resources for construction sites one acre or larger
    - Application for ESC permit

- Link to EPA's Construction General Permit
- Link to EPA's Stormwater Pollution Prevention Plans
- Link to EPA's Educational Materials
- Information on Best Management Practices
  - City of Nampa
    - Link to Nampa's Commercial BMPs
    - Link to Nampa's Residential Home Builders BMPs
  - Link to IDEQ Catalog of Stormwater Best Management Practices for Idaho Cities and Counties
- Link to Upcoming Activities associated with the Construction Site Runoff Program
- Link to submit a comment page which includes complaints regarding existing projects or comments regarding potential new construction projects.

### **Proposed Changes to the SWMP**

A review and update process will be performed on the Construction Site Stormwater Runoff Control BMPs prior to submitting the next Annual Report. Significant changes that involve replacing or deleting an ineffective or unfeasible BMP may require permit modifications as outlined in Part II.D of the permit.

### **Permit Obligation Met by Other Entities**

The City of Nampa Stormwater Division under the direction of the Department of Public Works is responsible for the implementation of the requirements set forth in the Construction Site Stormwater Runoff minimum control measure. Stormwater Division staff will seek to gather and consider input provided from the public and surrounding municipalities when reviewing and updating the existing Erosion and Sediment Control Program. Consistency in the local ESC requirements in Canyon and Ada Counties is a goal in the review and update process. Evaluation of this minimum measure will be performed as part of each Annual Report and changes will be made as applicable. As encouraged by EPA, the City of Nampa is working cooperatively with other MS4 operators to coordinate efforts to provide consistent and effective Stormwater management in the Nampa Urbanized Area. To date, there are no formal permit requirements being met by other entities. Areas where the City is relying upon other entities to meet specific permit requirements will be summarized in next year's annual report.

## **2.6 Post Construction Stormwater Management in New Development and Redevelopment (Permit Part II.B.5)**

### **General Summary**

The City has an active post-construction program that will require review and revision to meet permit requirements in year four. Currently, the City conducts plan reviews and post-construction inspections by City staff based on existing City post-construction requirements. The City already has a post-construction ordinance. Nampa's post-construction stormwater management requirements are contained in the Nampa Subdivision Ordinance (NCC 10-27) which addresses on-site retention through structural storage practices for residential developments. The following sections provide details of work completed to date. See Appendix G for a copy of the Nampa Subdivision Ordinance.

## Evaluation of Compliance

*Develop and implement a program to address post-construction stormwater runoff from new development and redevelopment projects (Permit Part II.B.5.a).*

Various departments/divisions within the City of Nampa have implemented policies and procedures to address stormwater runoff in new and redevelopment projects. These existing policies and procedures will form the basis for the development of a program to address stormwater runoff from new and redevelopment projects. The following are activities currently being implemented:

- Plan review for new development and redevelopment projects take place in several phases: Comprehensive Plan Review on potential projects to facilitate what requirements the project proponent needs to comply with for a successful project. Members from various departments/division attend these meetings.

Plan review by the Engineering Division ensures that the proposed plan meets all design standards.

Plan review by the Stormwater Division to ensure proper stormwater runoff BMPs are selected during the construction phase of the project.

- All new development is required to retain Stormwater runoff on-site, treat the runoff with approved BMPs and then discharge it to an infiltration basin or bio-retention facility.
- After construction each commercial facility is inspected by City staff to ensure proper installation of the permanent BMPs.
- Commercial developments are to maintain all BMPs on site
- Residential development reflect a combination of maintenance activities: Homeowner's Associations perform light maintenance such as mowing grass and the City performs the heavy maintenance such as repairing BMPs.

Long range planning is a vital tool in the evaluation and implementation of nonstructural stormwater controls such as directing growth to identified areas; protecting sensitive areas; maintaining or increasing open spaces; providing buffers along water bodies; minimizing impervious surfaces; and policies to encourage infill development. The current City of Nampa Comprehensive Plan is in the process of being reviewed and updated. Comments from stakeholder and open house meetings held in late 2009 and early 2010 revealed the public's desire for more open spaces and public parks. The Stormwater Division will attempt to incorporate the goals and objectives of the Comprehensive Plan into the Post-Construction Stormwater Management Program.

*Adopt an ordinance to address post-construction runoff from new development and redevelopment projects (Permit Part II.B.5.b)*

Nampa's post-construction stormwater management requirements are contained in the Nampa Subdivision Ordinance (NCC 10-27) which addresses on-site retention through structural storage practices for residential developments. See Appendix G for a copy of the Nampa Subdivision Ordinance. On-site detention is also required for new industrial and commercial developments. Developed in 2005 and updated in 2010 the Engineering Development Process and Policy Manual include a Stormwater Policy Manual which addresses drainage and Stormwater management requirements. Copies of these policies have been provided in Appendix G of this Annual Report.

*Ensure proper long term operation and maintenance of all post-construction stormwater BMPs (Permit Part II.B.5.c)*

Proper maintenance of permanent Stormwater controls is vital to reducing pollutant loading to receiving waters. Currently, the Street Division provides maintenance on storm drains, catch basins and sand and grease traps. The type and number of BMPs maintained along with the amount of

debris and volume of water removed are recorded and provided to the Stormwater Division. Street sweeping activities are also performed on a regular basis. A summary of these maintenance activities can be found in the Pollution Prevention and Good Housekeeping for Municipal Operations section.

To adequately meet permit requirements the City plans to expand the existing procedures to encompass all of the post-construction stormwater management controls. The Department of Public Works developed an Asset Management Plan to adequately evaluate, repair, maintain, and replace the infrastructure system within the City of Nampa. This plan divides the city into seven (7) zones and each zone will be addressed in phases. Inspection, evaluation, maintenance, repair and replacement of the stormwater infrastructure will commence under the Asset Management Plan. A map showing the zones of town and the corresponding schedule is provided in Appendix G of this Annual Report.

*Develop and implement a site plan review process and site inspection program to ensure proper installation and long-term operation and maintenance of post-construction storm water management controls (II.B.5.d)*

Various departments/divisions within the City of Nampa have implemented plan review policies and procedures to address stormwater runoff in new and redevelopment projects. Plan review for new development and redevelopment projects take place in several phases:

- Comprehensive Plan Review on potential projects to facilitate what requirements the project proponent needs to comply with for a successful project. Members from various departments/division attend these meetings.
- Plan review by Planning and Zoning to ensure that proposed projects are in compliance with approved Planning and Zoning codes and requirements.
- Plan review by the Engineering Division ensures that the proposed plan meets all design standards.
- Plan review by the Stormwater Division to ensure proper stormwater runoff BMPs are selected during the construction phase of the project.

Stormwater staff intends to expand upon and consolidate the existing plan review efforts to develop a site plan review process for new development and redevelopment projects.

*Educate the development community on appropriate design, operation and maintenance of stormwater facilities and vegetative practices (Permit Part II.B.5.e)*

Public education on post-construction requirements has started through the Nampa Stormwater Advisory Group. Detailed information regarding appropriate design, operation and maintenance of post-construction facilities will be included in future years of the Public Education Program.

## Results of Data Collected

Each year the Engineering Division compiles a Public Works Master Project Schedule which incorporates all potential construction related projects for the Department of Public Works. This allows the various divisions within Public Works to coordinate construction efforts. As a result Stormwater was able to incorporate stormwater related improvements into six (6) city construction projects. The following list represents the stormwater related improvements made during the last permit year:

1. LID 153
  - Repaired or installed 4 new catch basins
2. CDBG Ped Ramp

- Repaired two catch basins and storm drain pipe
3. 11<sup>th</sup> Ave Rebuild
    - Repaired storm drain lateral and manhole
  4. Star/Franklin Roundabout
    - Installed 4 stormwater infiltration beds with sand/grease trap
  5. Franklin Road
    - Installed approx. 2000 feet of grassy infiltration swales
  6. Roosevelt Elijah Culvert
    - Repaired two storm drain pipes and added manholes at bends in the pipe for maintenance.

Data regarding post-construction maintenance of stormwater BMPs is presented in the Pollution Prevention and Good Housekeeping minimum measure section.

### Summary of Inspections and Enforcement

Final inspection of the above listed projects was performed to ensure proper installation and operation of these structures.

### Summary of Upcoming Activities

Post-Construction Stormwater Management compliance dates generally fall four (4) years from the permit effective date. Program components already initiated include ordinance and policies, plan review, preventative maintenance activities and initial inspection procedures. Additional program components will be implemented by Stormwater staff prior to the required compliance dates. The following Post-Construction Stormwater Management in New Development and Redevelopment activities will be implemented in Permit Year 4:

- Implement and enforce a program to address post-construction stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one (1) acre and that result in discharge into the MS4.
- Review and update as appropriate the ordinance regulating post-construction runoff from new development and redevelopment projects.
- Begin activities to ensure proper long term operation and maintenance of all permanent stormwater management controls for newly developed project areas greater than or equal to one (1) acre discharging to the MS4.
- Develop and implement a process for pre-construction plan review of permanent stormwater BMPs.
- Begin implementation of activities for an inspection program to ensure proper installation and appropriate long-term operation and maintenance of permanent stormwater BMPs.
- Begin activities to educate the development community about appropriate design, operation, and maintenance of stormwater retention facilities and vegetative practices to address post-construction stormwater runoff from new development and redevelopment projects in the City of Nampa.

## Proposed Changes to the SWMP

A review and update process will be performed on the Post-Construction Stormwater Management in New Development and Redevelopment BMPs prior to submitting the next Annual Report. Significant changes that involve replacing or deleting an ineffective or unfeasible BMP may require permit modifications as outlined in Part II.D of the permit.

## Permit Obligation Met by Other Entities

The City of Nampa Stormwater Division under the direction of the Department of Public Works is responsible for the implementation of the requirements set forth in the Post-Construction Stormwater Management in New Development and Redevelopment minimum control measure. Stormwater Division staff will work with the assistance of contracted consultants to meet the requirements set forth in this minimum control measure. As encouraged by EPA, the City of Nampa is working cooperatively with other MS4 operators to coordinate efforts to provide consistent and effective Stormwater management in the Nampa Urbanized Area. To date, there are no formal permit requirements being met by other entities. Areas where the City is relying upon other entities to meet specific permit requirements will be summarized in next year's annual report.

## 2.7 Pollution Prevention and Good Housekeeping for Municipal Operations (Permit Part II.B.6)

### General Summary

Pollution Prevention and Good Housekeeping for Municipal Operations requirements fall in year four of the MS4 permit. However, the City has been active in pollution prevention activities prior to permit requirements. The City has conducted street sweeping operations for many years and has a proactive pollution prevention program for other municipal operations such as vehicle maintenance and spill prevention. Detailed information on current activities is provided in the following sections.

### Evaluation of Compliance

The City already implements several of the requirements associated with a municipal pollution prevention and good housekeeping program. The following information highlights City activities that serve as the initial components of the pollution prevention and good housekeeping program.

*Develop and implement an operation and maintenance program intended to prevent or reduce pollutant runoff from municipal operations (Permit Part II.B.6.a)*

This program must address municipal activities occurring within the city limits with potential for negative stormwater related water quality impacts, including: the use of sand and road deicers; fleet maintenance and vehicle washing operations; street cleaning and maintenance; grounds/park and open space maintenance operations; building maintenance; solid waste transfer activities; wastewater treatment plant operations; storm sewer system maintenance; and snow disposal site operation and maintenance. These activities will be evaluated and altered if necessary to reduce the amount and type of pollution that: (1) collects on streets, parking lots, open spaces, storage and vehicle maintenance areas, that may be discharged into local waterways; and (2) results from actions such as environmentally damaging land development and flood management practices or inadequate maintenance of storm sewer systems. The City will develop and implement an operations and maintenance program intended to prevent or reduce pollutant from municipal operations. This activity will be implemented in Permit Year 4

In year three, the City accomplished the following operation and maintenance program activities:

- The Street Division developed a Snow and Ice Control Plan to address the municipal activities associated with snow and ice removal. The City of Nampa’s Snow and Ice Control Plan is designed to organize reasonable, cost effective maintenance efforts during periods of snow or ice. The primary purpose of the snow and ice control plan is to provide effective use of equipment and personnel, minimize impact to the environment, help contain costs, and organize safe travel routes for emergency responders and the motoring public during winter storm events. See Appendix G for a copy of the Snow and Ice Control Plan. This plan will be reviewed and updated as necessary.
- The following table represents a summary of the maintenance activities performed by the Street Division from October 2011 – October 2012.

<b>Nampa Street Division Stormwater Maintenance Summary</b>				
<b>October 2011 – October 2012</b>				
<b>Date</b>	<b>Storm Drains</b>	<b>Catch Basins</b>	<b>Sand &amp; Grease Traps</b>	<b>Gallons Debris/Water</b>
October 2011	3	31	41	63,300
November 2011	8	139	15	114,368
December 2011	55	247	3,071	71,150
January 2012	211	311	6,600	25,202
February 2012	18	77	118	97,700
March 2012	9,000	43	35	47,350
April 2012	0	16	55,843	76,400
May 2012	32	10	2	46,000
June 2012	0	25	0	2,025
July 2012	0	0	0	0
August 2012	1	8	0	1,500
September 2012	2	120	37	26,840
October 2012	5	523	118	120,955
<b>Totals</b>	<b>9,335</b>	<b>1,550</b>	<b>65,880</b>	<b>692,790</b>

The following table provides a summary of Street Division activities for FY12.

<b>Nampa Street Division Activities</b>		
<b>October 2011 – October 2012</b>		
<b>Activity</b>	<b>Type</b>	<b>Measurement</b>
Drains, Basins, S&G	Man Hours	3,400.5 Hours
	OT	22 Hours
	Liquids/Solid Debris	692,790 Gallons
Sweeping	Man hours	3,745.25 Hours
	OT	30.5 Hours
Alleys / Shoulders	Man Hours	718 Hours
	OT	40 Hours
Snow Removal	Man Hours	249 Hours
	OT	36.6 Hours
	Mag-chlo	16,790 Gallons
	Salt 50 lb Bag	100 Lbs

	<b>Sand</b>	<b>223.25 Yards</b>
<b>Training</b>	<b>Man Hours</b>	<b>1,185.5 Hours</b>

*Develop and conduct appropriate training for municipal personal (Permit Part II.B.6.b)*

The City will develop and conduct appropriate training for municipal employees related to best management practices for protection of water quality. This training will be conducted at least once per year and address the municipal activities with the potential for negative water quality impacts. This activity will be implemented in Permit Year 4.

In year three, the City accomplished the following municipal training program activities:

## Street Division Training Conducted In FY12

Street Division Training Conducted in FY12 October 2011 - October 2012			
Types of Training	Attendee	Date	Location
Winter Maintenance	Tammy Garcia Doug Eakin Matt Stanley Mike Fusselman	11 Oct 11	Boise, Idaho
Supervising with Confidence	Tammy Garcia Doug Eakin	14 Dec 11	Boise, Idaho
Speed Limits Speed Zones	Doug Eakin Tammy Garcia Todd Burns	1-2 Nov 11	Jerome, Idaho
Road Grader Operations	Matt Stanley Doug Eakin	15-17 Nov 11	Caldwell, Idaho
Pavement Maintenance I	Tammy Garcia Darrell Gogert Doug Eakin	23 Nov 11	Bellvue, Idaho
Roadway Drainage	Dustin Gillmore Darrell Gogert	06 Mar 12	Boise, Idaho
Street Division Training Conducted in FY 12 Continued October 2011 - October 2012			
Types of Training	Attendee	Date	Location
Basic Math	Darrell Gogert Dustin Gillmore	27 Mar 12	Boise, Idaho
Basic Survey	Darrell Gogert Dustin Gillmore	28 Mar 12	Boise, Idaho
Roads 101	Darrell Gogert Dustin Gillmore	03 Apr 12	Boise, Idaho
Pavement Maintenance I	Dustin Gillmore	05 Apr 12	Boise, Idaho
Pavement Maintenance II	Dustin Gillmore Darrell Gogert Tammy Garcia Doug Eakin	09 Apr 12	Boise, Idaho

Flagger Certification	Dustin Gillmore Darrell Gogert	19 Apr 12	Boise, Idaho
Safety Fest			
Focus Four (4 leading Causes of Construction Hazards)	Todd Burns Jeff Keeney Darrell Gogert Scott Hensley	24 Jan 12	Boise, Idaho
Heavy Equipment Safety Operation	Jake Smith Sam Clark Les Gibbons Mike Fusselman Curt Hensley	25 Jan 12	Boise, Idaho
Safety Fest			
Confined Space Entry	Matt Stanley Shawn Fournier	25-27 Jan 12	Boise, Idaho
Excavation, Trenching and Soil	Doug Eakin	25-27 Jan 12	Boise, Idaho
FMCSA/DOT Reasonable Suspicion	Mark Hadley Tom Hinkle	24 Jan 12	Boise, Idaho
START/Accident Reduction	Tom Hinkle	26 Jan 12	Boise, Idaho
Fitness for Duty RST	Tom Hinkle	26 Jan 12	Boise, Idaho
BSU Professional Development			
Applied Leadership II	Tammy Garcia	29 Nov - 1 Dec 12	Boise, Idaho
Fundamentals of Leadership	Don Barr Tom Hinkle	Ongoing	Nampa, Idaho
Respectful Workplace	Shawn Fournier	3 May 12	Boise, Idaho
Herbicide Courses			
Pesticide Safety and Handling	Matt Stanley Mike Fusselman	09 Nov 11	Meridian, Idaho
Fall Weed Seminar	Mike Fusselman	16 Nov 11	Caldwell, Idaho
Idaho Weed Conference	Mike Fusselman	1-2 Feb 12	Boise, Idaho
Idaho Asphalt Conference	Don Barr	26-27 Oct 11	Moscow, Idaho
CPR, 1 <sup>st</sup> Aid and AED	Todd Burns Jake Smith Darrell Gogert Tylee Lanham	1 Dec 11	Nampa, Idaho
New Sweeper Orientation	All Street Personnel	27 Dec 11	Nampa, Idaho
EMI ICS-100	Don Barr Tom Hinkle Mark Hadley	05 Dec 11	Nampa, Idaho
EMI ICS-200	Don Barr Tom Hinkle	12 Apr 12	Nampa, Idaho
Elgin Sweeper School	Dustin Gillmore Doug Eakin	3-7 Sep 12	Illinois, Wisconsin

The following table is a list of municipal employees attending the Responsible Person Training for the Erosion and Sediment Control certification:

<b>Erosion Control Responsible Person Training FY11</b>	
<b>Name</b>	<b>Division</b>
Monte Hasl	Airport
Don Jenkins	Engineering
Chris Johnston	Engineering
Joel Meusch	Engineering
Glen Petty	Engineering
Jon Poston	Engineering
Ryan Lancaster	Parks
George Lucas	Parks
Scott Bowman	Parks
Craig Bean	Parks
John Kingsbury	Parks
Don Barr	Street
Tom Hinkle	Street
Mark Hadley	Street
Scott Hensley	Street
Curt Hensley	Street
Jeff Keeney	Street
Todd Burns	Street
Doug Standley	Street
Les Gibbens	Street
Matt Stanley	Street
Shawn Fournier	Street
Sam Clark	Street
Mike Fusselman	Street
Doug Eakin	Street
Tammy Garcia	Street
New Hire	Street
Ira Rhoades	Water
Josh Hewitt	Water
Ron Sommars	Water
Mike Chesnut	Water
Victor Paez	Water
Manuael Rivas	Water
Albert Garcia	Water

This training was provided on April 20, 2010 and the certification is valid for three years making the expiration April 20, 2013. Any additional personnel will receive ESC Responsible training and certification on an as needed basis.

*Prepare stormwater pollution prevention plans for the fleet maintenance/street department site and the wastewater treatment plant (Permit Part II.B.6.c)*

Stormwater Pollution Prevention Plans (SWPPP) will be developed and implemented for Nampa's Vehicle Maintenance, Street and Wastewater Divisions. A thorough evaluation will be conducted at each of the divisions listed above and SWPPPs will be incorporated as required. A Spill Response Plan was developed and implemented for the Street Division in October of 2008. See Appendix G for a copy of the SWPPP Plan. This plan will be reviewed and updated as necessary. This activity will be implemented in Permit Year 4.

### Results of Data Collected

See previous sections for formal data regarding the pollution prevention and good housekeeping program activities. The following represents the Stormwater Asset Inventory for the City of Nampa:

- 369.28 miles of Roadway
- 100 Miles of Storm Drain Pipe
- 437 Drainfields (underground)
- 284 Detention Ponds (above ground)
- 4,011 Catch Basins
- 1,965 Manholes
- 1,064 Sand & Grease Traps
- 243 Culverts
- 1,696 Inventoried Outfalls (1275 are 6 inches or larger)

### Summary of Inspections and Enforcement

No formal inspections were performed on any activity relevant to municipal operations. No enforcement actions were performed. Educational information and any requested assistance is provided to the appropriate department/division if applicable.

### Summary of Upcoming Activities

Pollution Prevention and Good Housekeeping for Municipal Operations compliance dates generally fall four (4) years from the permit effective date. Program components already initiated include operation and maintenance procedures and activities and municipal staff training. Additional program components will be implemented by Stormwater staff prior to the required compliance dates. The following Pollution Prevention and Good Housekeeping activities will be implemented in Permit Year 4:

- Develop and implement an operation and maintenance program intended to prevent or reduce pollutant runoff from municipal operations.
- Develop and conduct appropriate training for municipal employees related to best management practices for protection of water quality.
- Prepare and implement stormwater pollution prevention plans for Vehicle Maintenance, Street Division and Wastewater Treatment Plant.

### Proposed Changes to the SWMP

A review and update process will be performed on the Pollution Prevention and Good Housekeeping for Municipal Operations BMPs prior to submitting the next Annual Report. Significant changes that involve replacing or deleting an ineffective or unfeasible BMP may require permit modifications as outlined in Part II.D of the permit.

## Permit Obligation Met by Other Entities

The City of Nampa Stormwater Division under the direction of the Department of Public Works is responsible for the implementation of the requirements set forth in the Pollution Prevention and Good Housekeeping for Municipal Operations minimum control measure. Stormwater Division staff will work with the assistance of other departments/divisions within the City to meet the requirements set forth in this minimum control measure. As encouraged by EPA, the City of Nampa is working cooperatively with other MS4 operators to coordinate efforts to provide consistent and effective Stormwater management in the Nampa Urbanized Area. To date, there are no formal permit requirements being met by other entities. Areas where the City is relying upon other entities to meet specific permit requirements will be summarized in next year's annual report.

## 2.8 Assessment/Monitoring (Permit Part IV)

### General Summary

Identified in Part IV.A of the permit the city is responsible for implementing a stormwater monitoring program by year two of the permit. As part of this requirement, the City submitted a Stormwater Monitoring Plan and Quality Assurance Plan with the first annual report. During year two of the permit the City has revised both documents in preparation for monitoring efforts during year three. Both documents are included as Appendices E and F, respectively.

### Evaluation of Compliance

*Not later than one year from the effective date of this permit, the permittee must develop a monitoring plan that includes the quality assurance requirements defined in Part IV.A.2.*

- City established a Stormwater Monitoring Plan in October of 2010. This document has been reviewed and minor changes were made in January of 2013 and are included in Appendix E.

*The permittee must conduct a storm water discharge monitoring program which meets requirements identified in Part IV.A.5.*

- City has identified sample locations for the following water bodies: Indian Creek, Mason Creek and Wilson Drain.
- City will begin storm water sampling during Water Year 2012 as defined in the permit.

*The permittee must develop a quality assurance plan (QAP) for all monitoring required in Part IV.*

- City developed a QAP in October of 2010. This document has been reviewed and minor changes were made in January 2013 and are included in Appendix F. As the program progresses the QAP will be reviewed and updated on an annual basis.

### Results of Data Collected

The City of Nampa (City) was issued a National Pollutant Discharge Elimination System (NPDES) permit for storm water discharge. The United States Environmental Protection Agency (EPA) issued NPDES permit IDS-0281260 (referred to here as "NPDES Phase II Permit") effective October 15, 2009. The City began conducting storm water monitoring activities as defined in the permit on October 15, 2011. Data from these monitoring activities are used to characterize local storm water discharges, pollutant loads, and trends for water quality and quantity over time. This report presents monitoring data collected during water year (WY) 2012 (November 1, 2011, through October 31, 2012).

The NPDES Phase II Permit requires the collection of storm water quality data from four storm events during permit defined monitoring periods. The following monitoring periods are defined in the permit and were targeted during WY 2012 events:

- March – April
- May – June

- July – August
- September – October

In situations where program sampling criteria are not met during a defined monitoring period a sample collected during another monitoring period will be used to supplement the data set. During WY 2012 there was no rain event that met the program criteria during the July – August period. Therefore, a supplemental sample was collected on December 4, 2012.

During each monitoring period, ongoing flow was recorded using ISCO 2150 Flow Meters. All data collected are included in this annual report.

In addition to flow measurements and grab samples, the City uses rain data collected at the Caldwell Airport as the rain data presented in this report. Rain data is collected at each monitoring location throughout the entire water year.

Storm water runoff samples were collected during each event and submitted to Analytical Laboratories, Inc. (nitrogen analyses) in Boise, Idaho, and the Nampa Wastewater Division (all other analyses).

An annual report is presented in Appendix I. In this appendix are a summary of all monitoring requirements, pollutant loading estimates and the Discharge Monitoring Reports for each monitoring effort.

## Summary of Inspections and Enforcement

N/A

## Summary of Upcoming Activities

- Review and update the monitoring plan on an annual basis.
- Review and update the QAP on an annual basis.
- Continue storm water sampling during Water Year 2013 as defined in the permit.
- Prepare and submit a summary of all monitoring requirements, pollutant loading estimates and the Discharge Monitoring Reports for each monitoring effort.

## Proposed changes to the SWMP

N/A

## Permit Obligation Met by Other Entities

The City of Nampa Stormwater Division under the direction of the Department of Public Works is responsible for the implementation of the requirements set forth in Part IV Assessment and Monitoring compliance. Stormwater Division staff will work with the assistance of contracted consultants to meet selected requirements set forth in this minimum control measure. To date, there are no formal permit requirements being met by other entities. Areas where the City is relying upon other entities to meet specific permit requirements will be summarized in next year's annual report.

## Section 3

# Discussion of Pollutants of Concern

Part II.B of the permit identifies minimum control measures that are targeted by the City to control the discharge of pollutants of concern. Specifically, the description must identify how the City will evaluate and measure the effectiveness of the SWMP to control the discharge of the pollutants of concern. As a reminder, the pollutants of concern are total phosphorus, sediment, and E. coli. Of note, sediment is a primary concern. Other pollutants such as total phosphorus and E. coli often attach themselves to sediment. Sediment is mobilized from areas within the MS4 to receiving waters therefore; other pollutants attached to the sediment are mobilized as well. The following sections describe how the minimum measures will target the pollutants of concern and evaluate and measure effectiveness.

A key component of the City's strategy to address pollutants of concern is the development and implementation of an effective stormwater monitoring plan. The BMPs associated with the minimum measures will evolve based on the data resulting from these monitoring activities. See Appendix E for a copy of the Stormwater Monitoring Plan and Appendix F for the associated Quality Assurance Plan (QAP).

### 3.1 Minimum Measure #1: Public Education and Outreach

**Activities targeted on pollutants of concern.** The City's public education and outreach program was developed and initiated in year two of the permit. The program focused on ways to address the pollutants of concern. Specifically, the program raised awareness on activities and changes in behavior that can address specific pollutants of concern. The program was developed around activities such as open houses, mail inserts, fact sheets, an informative website, and public service announcement. The activities focused on how every citizen can help reduce pollutants of concern by participating in such activities as:

- Reducing fertilizer application (total phosphorus)
- Reducing and/or eliminate home car washing (total phosphorus)
- Cleaning up pet waste (bacteria)
- During household remodels, following proper erosion and sediment control requirements (sediment)

See Section 3.2 for details of specific public education and outreach activities completed in year three.

**Measuring effectiveness.** In year one of the permit, the City set specific metrics for the public education and outreach program to measure program effectiveness. Metrics were focused specifically on measuring progress in meeting the requirements highlighted in Part II.B.1. For example, to meet requirements of Part II.B.1.b (Distribute stormwater educational materials to target audiences), the City developed several fact sheets in year three focused on stormwater pollutants of concern. Metrics associated with measuring the effectiveness of these fact sheets include setting goals for the number of fact sheets to be developed as well as the number distributed.

Section 3.2 provides a summary of the City activities that met permit requirements associated with the public education and outreach minimum measure.

### 3.2 Minimum Measure #2: Public Involvement/Participation

**Activities targeted on pollutants of concern.** The City's public involvement/participation program was developed and initiated in year two of the permit. The program focuses on ways to address pollutants of concern in specific ways. For example, during year three the City sponsored a community clean-up day

along Wilson Drain and incorporated stormwater related curriculum at the 5<sup>th</sup> grade, 8<sup>th</sup> grade, and high school levels. Through these activities, the City raised awareness on water quality issues including those surrounding total phosphorus, sediment, and E. coli. The City has already participated in this activity in the past and has some success in developing support for the program within the community. The City continued to involve the existing Nampa Stormwater Advisory Group (Advisory Group) to maintain communication on emerging issues and solicit feedback on how best to involve and engage the public on managing pollutants of concern. See Section 3.3 for details of specific public involvement/participation activities completed in year three.

**Measuring effectiveness.** The City set specific metrics for the public involvement/participation program to measure program effectiveness. Metrics focused specifically on measuring progress in meeting the requirements highlighted in Part II.B.2. For example, the City set a goal to meet with the City council at least once per year to update them on the stormwater program and how the City is managing the pollutants of concern (requirements associated with Part II.B.2.d). The City staff met with Council on multiple occasions to provide program updates and involve them in key program decisions. Section 3.3 provides a summary of the City activities that met permit requirements associated with the public involvement/participation minimum measure.

### 3.3 Minimum Measure #3: Illicit Discharge Detection Elimination

**Activities targeted on pollutants of concern.** The City's illicit discharge, detection and elimination (IDDE) program has been developed and implemented in year three of the permit. The program focuses on a plan to detect and eliminate illicit discharges into the MS4. The *City of Nampa Illicit Discharge Detection and Elimination Plan* (IDDE) outlines the procedures to identify the problem areas in the community, determine the source of the problem, remove the source if identified and document the actions taken. See Section 2.4 for details of specific public involvement/participation activities completed in year three.

**Measuring effectiveness.** The City set specific metrics for the Illicit Discharge Detection and Elimination program to measure program effectiveness. Metrics focused specifically on measuring progress in meeting the requirements highlighted in Part II.B.3. For example,

### 3.4 Minimum Measure #4: Construction Site Stormwater Runoff Control

**Activities targeted on pollutants of concern.** The City's Construction Site Stormwater Runoff Control program implements several activities that target pollutants of concern. Because of this program, the City is making significant progress in educating contractors and, therefore, reducing sediment loading to waters of the United States. The City's erosion and sediment control program includes training requirements for contractors such as the requirement to have a certified 'Responsible Person' assigned to a project. Other items of the program include formal permitting of projects disturbing more than one acre of soil within the City limits, review and approval of project SWPPPs, and an enforcement program that includes on-site inspection and consequences for non-compliance. All of these activities have been and will continue to be focused on reducing sediment loading to receiving waters within the urbanized area.

**Measuring effectiveness.** The City has already developed and implemented specific goals for the existing erosion and sediment control program. The measurable goals or performance standards for the Construction Site Stormwater Runoff Control Program are numerous and are listed in the Stormwater Management Plan. City staff will strive to meet these measurable goals to ensure permit compliance. These metrics will be refined and updated for inclusion in subsequent annual reports.

### 3.5 Minimum Measure #5: Post Construction Stormwater Management

**Activities targeted on pollutants of concern.** The City's post construction stormwater management program is being developed and will be initiated in year four of the permit. The City already maintains post construction design standards and requires formal City review and approval of all development occurring within the urbanized area. A formal review of this program and its effectiveness in managing pollutants of concern will occur in year four of the program.

**Measuring effectiveness.** As with other program components, the City will develop specific metrics associated with post construction stormwater management program to measure effectiveness in addressing pollutants of concern. These will be developed as part of year four program development.

### 3.6 Minimum Measure #6: Pollution Prevention and Good Housekeeping for Municipal Operations

**Activities targeted on pollutants of concern.** The City's pollution prevention and good housekeeping program is being developed and will be initiated in year four of the permit. Current best management practices implemented by municipal personnel target the pollutants of concern by removing them from the storm drainage system.

**Measuring effectiveness.** As with other program components, the City will develop specific metrics associated with pollution prevention and good housekeeping program to measure effectiveness in addressing pollutants of concern. These will be developed as part of year four program development.



## Section 4

# Other Required Documents and Reports

**Stormwater Management Plan (Revised 2013):** See Appendix D

**Monitoring Plan(Revised 2013):** See Appendix E

**Quality Assurance Plan (Revised 2013):** See Appendix F

**Copies of Additional Stormwater Materials:** See Appendix G

**Public Education and Outreach Plan:** See Appendix H

**Annual Stormwater Monitoring Report WY 2012:** See Appendix I

**Industrial Facility Inventory Report:** See Appendix J

**Illicit Discharge Detection and Elimination Plan:** See Appendix K

- Educational Materials
- Nampa Stormwater Workshop Materials
- Stormwater System Maps
- Ordinances
- Subdivision Process and Policy Manual
- Other Stormwater Documents

## Appendix A: Stormwater Acronyms

---

### List of Stormwater Acronyms:

<b>BMP:</b>	Best Management Practice
<b>CFR:</b>	Code of Federal Regulations
<b>CGP:</b>	Construction General Permit
<b>CWA:</b>	Clean Water Act
<b>DMR:</b>	Discharge Monitoring Report
<b>ESC:</b>	Erosion and Sediment Control
<b>EPA:</b>	Environmental Protection Agency
<b>ESA:</b>	Endangered Species Act
<b>IDDE:</b>	Illicit Discharge Detection and Elimination
<b>IDEQ:</b>	Idaho Department of Environmental Quality
<b>ITD:</b>	Idaho Department of Transportation
<b>LBR:</b>	Lower Boise River
<b>MEP:</b>	Maximum Extent Practicable
<b>MS4:</b>	Municipal Separate Storm Sewer System
<b>NOV:</b>	Notice of Violation
<b>NWS:</b>	National Weather Service
<b>NPDES:</b>	National Pollution Discharge Elimination System
<b>SHPO:</b>	State Historical Preservation Office
<b>SCSD:</b>	Specific Construction Site Discharge Plan
<b>SWAG:</b>	Stormwater Advisory Group
<b>SWMP:</b>	Storm Water Management Plan
<b>SWPPP:</b>	Storm Water Pollution Prevention Plan
<b>TMDL:</b>	Total Maximum Daily Load
<b>QAP:</b>	Quality Assurance Plan

## Appendix B: Stormwater Glossary

---

**Best Management Practices (BMPs):** means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of water of the United States. BMPs also include treatment requirements, operating procedures, and practices to control runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

**Control Measure:** refers to any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to waters of the United States.

**Illicit Connection:** means any man-made conveyance connecting an illicit discharge directly to a municipal separate storm sewer.

**Illicit Discharge:** means any discharge to a municipal separate storm sewer that is not entirely composed of stormwater, except discharges authorized under an NPDES permit and discharges resulting from fire fighting activities.

**Maximum Extent Practicable (MEP):** means the technology-based discharge standard for municipal separate storm sewer systems to reduce pollutants in stormwater discharges that was established by the Clean Water Act.

**Measurable Goal:** means a quantitative measure of progress in implementing a component of a stormwater management program.

**Municipal Separate Storm Sewer System (MS4):** means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) owned or operated by the city.

**Nampa Urbanized Area:** means the greater Nampa, Idaho area delineated by the Year 2000 Census consisting of contiguous, densely settled census block groups that meet minimum population density requirements of at least 50,000 people.

**Outfall:** means a point source at the point where a municipal separate storm sewer discharges to water of the United States.

**Point Source:** means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged. This does not include return flows from irrigated agricultural storm water runoff.

**Pollutant:** Anything which causes or contributes to pollution. Pollutants may include, but are not limited to: paints, varnishes, and solvents; oil and other automotive fluids; nonhazardous liquid and solid wastes and yard wastes; refuse, rubbish, garbage, litter, or other discarded or abandoned objects, ordnances, and accumulations, so that same may cause or contribute to pollution; floatables; pesticides, herbicides, and fertilizers; hazardous substances and wastes; sewage, fecal coliform and pathogens; dissolved and particulate metals; animal wastes; wastes and residues that result from constructing a building or structure; and noxious or offensive matter of any kind.

**Pollutant(s) of Concern:** includes any pollutant identified as a cause of impairment of any water body that will receive a discharge from a MS4 authorized under EPA's Stormwater Permit. Pollutants of concern listed in Nampa's MS4 permit include sediment, bacteria and nutrients.

**Post-construction stormwater management controls:** means those controls designed to treat or control runoff on a permanent basis once construction is complete.

**Stormwater:** Any surface flow, runoff, and drainage consisting entirely of water from any form of natural precipitation, and resulting from such precipitation.

**Stormwater Management Plan:** refers to a comprehensive program to manage the quality of stormwater discharged from the municipal separate storm sewer system.

**Total Maximum Daily Load (TMDL):** an analysis of pollutant loading to a body of water detailing the sum of the individual waste load allocations for point sources and load allocations for non-point sources and natural background.

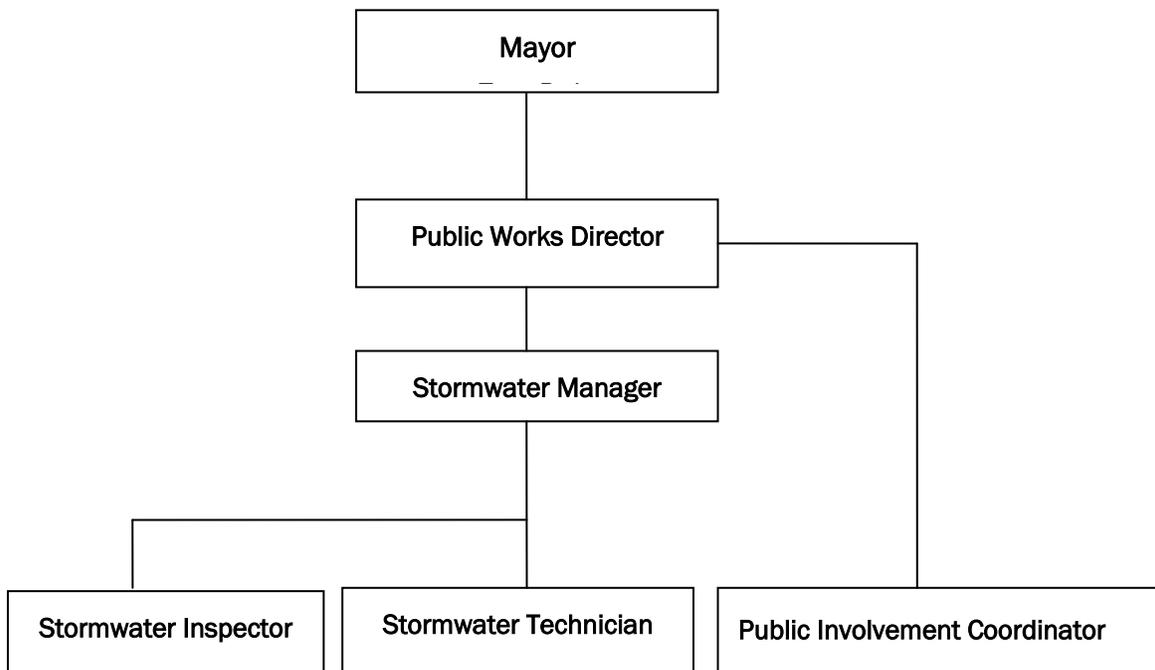
**Wetlands:** means those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

## Appendix C: Stormwater Organizational Chart

---

### Stormwater Division Organizational Chart

FY 2011-2012



## **Appendix D: Stormwater Management Plan**

---

## **Appendix E: Stormwater Monitoring Plan**

---

## Appendix F: Quality Assurance Plan

---

## Appendix G: Copies of Additional Materials

---

- Educational Materials
- Nampa Stormwater Workshop Materials
- Stormwater System Maps
- Ordinances
- Subdivision Process and Policy Manual
- Other Stormwater Documents

# Educational Materials

# Nampa Stormwater Workshop Materials

# Stormwater System Maps

# Ordinances

# Subdivision Process and Policy Manual

# Other Stormwater Documents

## Appendix H: Public Education and Outreach Plan

---

# Appendix I: Annual Stormwater Monitoring Report WY 2012

---

## Appendix J: Industrial Facilities Inventory Report

---

## Appendix K: Illicit Discharge Detection and Elimination Plan

---