

**UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM (UPDES)
MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)
ANNUAL REPORT FORM**

Reports are to be sent to:

**Utah Division of Water Quality
Attn: UPDES Storm Water Program
288 North 1460 West
P.O. Box 144870
Salt Lake City, UT 84114-4870**

Annual reports are due no later than three months from the end of the fiscal year for the reporting MS4. The report is required to be signed and certified in accordance with requirements in the MS4's permit under Part I of this form.

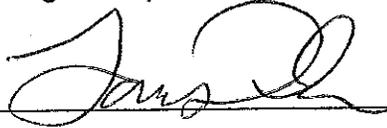
Part I. General Information

- A. Name of Permittee: Sandy City
- B. Permit Coverage No. UTS000001
- C. Mailing Address: 10000 Centennial Parkway, Suite 241
Sandy, Utah 84070
- C. Contact Person: Dan Woodbury Title: Chief Engineer
- D. E-Mail Address: dwoodbury@sandy.utah.gov
- E. Telephone Number: (801) 568-7280
- F. Reporting Period (Month/Year-Month/Year): 7/1/04-6/30/05
- G. List any other entities responsible for implementing the Storm Water Management Plan (SWMP) or a plan component during this reporting period if applicable:
 - 1. Salt Lake County
 - 2. Salt Lake Valley Health Department

H. Certification Statement:

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

Signature: _____



Printed Name: Mayor Thomas S. Dolan

Title: Mayor

Date: _____

8-8-05

Part II- Current Copy of MS4 Storm Water Management Program

A copy of the current full storm water management program is to be included as part of this report.

Document available upon request, the SWMP was attached with last year's submittal and no changes have been made.

Check this box to certify that a copy of the plan is included.

Part III - Best Management Practices (BMP's) Implemented since Permit Issuance

Section to include a report on the status and effectiveness of BMP's and measurable goals. This part is broken into sections to address each of the six minimum control measures. Supporting documentation may be attached to assist in documenting completion (or partial completion) of storm water program BMP's during the reporting period.

Control Measure 1 – Public Education and Outreach

A. Describe any educational activities performed during the reporting period that targeted industries (including construction/operators etc.)

| BMP Description | Start Date | Completed? Yes/No | Completion Date | Projected Completion Date |
|-------------------------------------|-------------------|--------------------------|------------------------|----------------------------------|
| Presentation to Chamber of Commerce | 3/10/05 | Yes | 3/10/05 | |

B. Describe any educational activities performed during the reporting period which targeted municipal employees:

| BMP Description | Start Date | Completed? Yes/No | Completion Date | Projected Completion Date |
|--|-------------------|--------------------------|------------------------|----------------------------------|
| Doubleback Safety Training, NPDES Phase II Update | 7/15/04 | Yes | 7/15/04 | |
| Public Utilities Advisory Board, update on SWMP & Ordinance | 7/29/04 | Yes | 7/29/04 | |
| Public Works Training on Erosion Control and SWMP | 9/1/04 | Yes | 9/1/04 | |
| Parks Training on SWMP | 9/10/04 | Yes | 9/10/04 | |
| Public Works Training on Salting Techniques | 11/3/04 | Yes | 11/3/04 | |
| Community Devp/Code Enforcement Training SWMP | 3/30/05 | Yes | 3/30/05 | |
| UPDES General Permit for Construction Activity Developer Meeting | 5/12/05 | Yes | 5/12/05 | |

C. Describe any educational activities performed during the reporting period that targeted highly visible sources of pollution

| BMP Description | Start Date | Completed? Yes/No | Completion Date | Projected Completion Date |
|------------------------|-------------------|--------------------------|------------------------|----------------------------------|
| | | | | |

D. Describe any educational activities performed that target group audiences (school groups, associations, etc. that were not listed above).

| BMP Description | Start Date | Completed? Yes/No | Completion Date | Projected Completion Date |
|--|-------------------|--------------------------|------------------------|----------------------------------|
| Union Middle School Science Fair, 500-600 students | 3/9/05 | Yes | 3/9/05 | |
| Eastmont Middle, 60 students | 11/9/04 | Yes | 11/9/04 | |

| | | | | |
|-------------------------------------|---------|-----|---------|--|
| Crescent View Middle, 195 students | 12/2/04 | Yes | 12/2/04 | |
| Granite Elementary, 100 students | 1/13/05 | Yes | 1/13/05 | |
| Oakdale Elementary, 62 students | 1/27/05 | Yes | 1/27/05 | |
| Altara Elementary, 25 students | 3/4/05 | Yes | 3/4/05 | |
| Bellview Elementary, 90 students | 3/7/05 | Yes | 3/7/05 | |
| Bellview Elementary, 40 teachers | 4/9/05 | Yes | 4/9/05 | |
| Peruvian Elementary, 27 students | 4/20/05 | Yes | 4/20/05 | |
| Peruvian Elementary, 25 students | 4/29/05 | Yes | 4/29/05 | |
| Peruvian Elementary, 36 students | 5/4/05 | Yes | 5/4/05 | |
| East Sandy Elementary, 120 students | 5/6/05 | Yes | 5/6/05 | |

E. For each BMP noted in the chart for this section above list measurable goal information that is pertinent per the outline below. If the report is prepared electronically the charts may be copied and pasted in this section. If the report is not prepared electronically a separate section will need to be prepared in this format. **(Note: Expand the report to include #'s 1-4 for each program BMP)**

BMP: Chamber of Commerce

(1) General summary

Brochures were distributed to Chamber members of businesses within Sandy City. 45 business owners participated.

(2) Status of Measurable Goals

Businesses are now more aware of what a storm drain is and how to protect our drinking water. They also know what to look for and who to contact if they see something improperly put into the storm drain.

(3) Effectiveness

I feel the information provided was helpful and beneficial to the businesses in our area.

(4) Proposed Modifications

New to this association but more training on this subject is needed.

BMP: Doubleback Safety Training, NPDES Phase II Update

(1) General summary

Update on NPDES Phase II requirements, explanation of who is responsible for enforcement. A review of correct erosion control measures. 56 employees attended.

(2) Status of Measurable Goals

Our departmental employees received updated information on what to look for and who to contact if they see a violation.

(3) Effectiveness

I feel this program was effective so all of our employees can work together to watch for violations and know who to report them to.

(4) Proposed Modifications

Prepare for next year's presentation and plan on additional data and in-depth examples of any violations that may have occurred and rehearse the violation reporting, monitoring and follow-up activities.

BMP: Public Utilities Advisory Board, update on SWMP & Ordinance

(1) General summary

A Presentation on the basics of storm water was given. A request was made for this board to recommend for approval to the City Council the SWMP and ordinance. 12 attended.

(2) Status of Measurable Goals

The Board was pleased with the presentation and they had many questions.

(3) Effectiveness

The training was effective. The Board members appreciate the updated information and support our efforts.

(4) Proposed Modifications

No modifications at this time other than a continual update to this board on storm water issues.

BMP: Public Works Training on Erosion Control and SWMP

(1) General summary

Presentation on basics of storm water, how it applies to their department and what they need to do to comply with the UPDES and SWMP. 43 employees attended. Examples were shown and an open forum discussion took place on various aspects of compliance.

(2) Status of Measurable Goals

Employees understood their role and the importance of compliance with the UPDES and will begin tracking their efforts routinely.

(3) Effectiveness

Training was effective because we were able to bring Public Works employees on board with us and have them assist us with compliance.

(4) Proposed Modifications

More training is needed in this area. We will be sending Public Works inspectors to storm water training courses.

BMP: Parks Department Training on Erosion Control and SWMP

(1) General summary

Presentation on basics of storm water, how it applies to their department and what they need to do to comply with the UPDES and SWMP. 27 employees attended. Examples were shown and an open forum discussion took place on how Parks can meet compliance standards.

(2) Status of Measurable Goals

Employees understood their role and the importance of compliance with the UPDES. Employees need to be trained on a more effective disposal method of grass clippings.

(3) Effectiveness

Training was effective because we were able to bring Parks employees up to date on the effects of erosion and debris to our storm water and how they can assist us with compliance. Examples of parks within the city that need improvement in the area of disposal of grass clippings were shown.

(4) Proposed Modifications

More training in this area. We will send some of the Parks employees to storm water training courses.

BMP: Community Development/Ordinance Enforcement Department Training on Erosion Control and SWMP

(1) General summary

Presentation on basics of storm water, how it applies to their department and what they need to do to comply with the UPDES and SWMP. 12 employees attended.

(2) Status of Measurable Goals

The employees understood the importance of compliance with the UPDES and will begin tracking their efforts routinely.

(3) Effectiveness

Training was effective because we were able to bring Code Enforcement officers on board with us so they can continue to assist us in compliance with UPDES

(4) Proposed Modifications

This was an effective training session. It was apparent after this training that more training in this area is needed. There are plans to send our Code Enforcement Officers to storm water classes so that they are more aware of the types of violations that may be occurring within our City so that they understand the need to make us aware of violations.

BMP: UPDES General Permit for Construction Activity Developer Meeting

(1) General summary

The state (DEQ) held a presentation for many of the major home builders in the state to explain the program and invited us to show how we as a municipality are approaching the regulations and requirements. Discussion session followed.

(2) Status of Measurable Goals

State (DEQ) and Municipal employees disseminated the information and requirements of the program and regulations. The contractors, developers and home builders learned ways in which they could more effectively meet the compliance standards.

(3) Effectiveness

The meeting was effective in conveying the information, which became evident by the amount and types of questions that were asked during the follow-up discussion and by how long the discussion stayed in session.

(4) Proposed Modifications

This was the first meeting of this type, but it was evident that additional meetings of such nature would be beneficial to the effectiveness of the program.

BMP: Union Middle School Science Fair

(1) General summary

Performed Urban Stew for 500-600 students (7-9th grade) and handed out informational brochures to each one of them.

(2) Status of Measurable Goals

Students were required to record five facts on storm water that they had learned and turn in their reports (records) to their teachers.

(3) Effectiveness

Requiring the students to record the information should increase their retention of the materials. Students were really receptive to the urban stew visual demonstration.

(4) Proposed Modifications

Ask the teachers to have some of the students write a report and submit to the city.

BMP: Elementary and Middle Schools within Sandy City

(1) General summary

8 schools visited with a total of 615 students visited.

(2) Status of Measurable Goals

The students were very receptive to the materials and our education coordinator incorporated the storm water information into a water cycle interactive game. Students were asked questions about storm water.

(3) Effectiveness

The effectiveness can be measured by the results of the Dan Jones survey, but each year the students seem to have retained more of the information from brochures provided and advertisements through the County Coalition and on site visits from Sandy City.

(4) Proposed Modifications

Have more time to incorporate the urban stew with the other materials provided. The teachers in the school are very receptive to our program.

Control Measure 2 – Public Involvement/Participation

1. Describe the target audiences for the public involvement program, including a description of the types of ethnic and economic groups engaged, affected stakeholder groups, including commercial and industrial businesses, trade associations, environmental groups, homeowners associations, other organizations, etc. (Expand this section as needed).

Boy Scout troops are targeting neighborhoods to mark and map the storm drain grates. The ethnic and economic groups engaged are varied from neighborhood to neighborhood.

2. Activities (BMP's) that have been implemented (or partially implemented) for this control measure, e.g. citizen panels, public hearings, citizen volunteer programs, etc.

| BMP Description | Start Date | Completed? Yes/No | Completion Date | Projected Completion Date |
|--|------------|-------------------|-----------------|---------------------------|
| Boy Scout troops – mapping, stenciling storm drains, handing out informational brochures | Various | Yes | Various | |

3. For each BMP noted in the chart for this section above list measurable goal information that is pertinent per the outline below.

BMP: Boy Scout Troops

(1) General summary

Boy Scout troops participated in the storm drain marking program and mapped locations and identified grates within our city.

(2) Status of Measurable Goals

Six (6) troops participated in the storm drain-marking program this year. They have placed 350 markers and distributed 1300 public information flyers. They have mapped locations and identified 350 grates. A total of 52 people participated in the projects.

(3) Effectiveness

This bmp is very effective and allows the boys between the ages of 12 and 18 to become more involved in their community and more aware of ecological issues facing our city.

(4) Proposed Modifications

We will make a concerted effort to involve even more troops so that we can cover a greater portion of the city.

Control Measure 3 – Illicit Discharge Detection and Elimination

1. a. Provide the date when the MS4's storm water ordinance was adopted or last updated (Note if not yet adopted)

We adopted our ordinance in 1983, which in essence adopted the Salt Lake County ordinance of 1982. We are currently working on revising our storm water ordinance.

- b. If the ordinance was adopted or updated during this reporting period, then a copy of the attested ordinance should be attached to this report. Is a copy of the ordinance attached? Yes No **X please see Salt Lake County ordinance for reference, We are currently in the process of revising the ordinance to meet the new regulations and will then be presenting it for adoption by our City Council.**

2. Provide information on illicit discharge detection activities, including such things as industrial inspections, stream walks, smoke or dye testing, line televising, etc (attach additional sheet if necessary):

| Type of Inspection | Details: who performed activity, date performed, number of facilities inspected, miles walked, etc. |
|--------------------|---|
| Line televising | 700 feet at North Ditch, 8600 South 910 East, Irrigation Line |
| Line televising | 200 feet, 8175 South 1068 East |
| Line televising | 300 feet, Visser ditch, 2165 E Fox Hunt Drive |

3. Provide information on dry weather field screening activities conducted during the reporting period:

a. Outfall screening

1. How many outfalls were screened by the MS4 during the reporting period?

Defer to Salt Lake County's records

2. Of the outfalls screened during the reporting period, at how many of the outfalls did the MS4 identify flow?

3. For those outfalls with dry weather flow detected, provide information on the results of source identification activities. If laboratory testing

was performed in order to verify a pollutant identity, then complete the last column of the table (attach additional sheet if necessary):

| Outfall Designation (number or location) | Date Field Screening Performed | 24-Hour Rescreening? (Yes/No) | Date Laboratory Testing Performed |
|---|--------------------------------|----------------------------------|-----------------------------------|
| | | | |

4. For those outfalls with dry weather flow identified, describe the investigative measures taken to identify the source, the identified source, and if the source was eliminated:

5. Provide information on any spill incidents, which occurred during the reporting period, in which a substance entered the storm sewer system:

| Spill Date | Spill Location | Party Responsible for Spill | Substance(s) Spilled | Amount Spilled |
|------------|----------------|-----------------------------|----------------------|----------------|
| | | | | |

6. Describe any activities performed during this reporting period to publicize and facilitate public reporting of illicit discharges (provide details, where appropriate):

Our annual Consumer Confidence Report had an article on storm water. We have also published articles in our City newsletter and in the Utah Water Conservation Forum newsletter on storm water to educate our residents.

7. Describe any activities performed during this reporting period to facilitate the proper management and disposal of used oil and toxic materials, including educational activities, household waste collection programs, etc (provide details where appropriate, such as dates):

We continue to have an ongoing message on our website under Public Works, which informs our residents of locations that they can dispose of hazardous materials.

Describe any activities performed during this reporting period to detect and eliminate seepage from municipal sanitary sewers to the storm sewer system:

We do not have any municipal sewer systems in Sandy; they are all

separate improvement districts.

List any BMP's implemented by the MS4 for this measure in the chart below

| BMP Description | Start Date | Completed? Yes/No | Completion Date | Projected Completion Date |
|-----------------|------------|-------------------|-----------------|---------------------------|
| | | | | |

8. For each BMP noted in the chart for this section above list measurable goal information that is pertinent per the outline below.

BMP

(1) General summary

(2) Status of Measurable Goals

(3) Effectiveness

(4) Proposed Modifications

Control Measure 4 – Construction Site Storm Water Runoff Control

1. a. When was the MS4s ordinance to control soil erosion and sediment adopted or last updated? (Note if not yet adopted)

Not yet adopted

b. If the ordinance was adopted or updated during this reporting period, then a copy of the attested ordinance should be attached as an addendum to this report. Is a copy of the ordinance attached?

Yes No

2. Provide information on any site planning procedures for construction projects performed during the reporting period:

a. Number of site plan reviews conducted: 70

b. Number of site plans approved: 70

c. Other (please describe):

3. Provide information on construction site inspections during the reporting period:

a. How many active construction sites were inspected during the reporting period?

70

b. How many total inspections of these active construction sites were conducted during the reporting period?

70

c. How many full-time equivalents were employed by the MS4 to inspect construction sites during the reporting period?

1.75

4. Provide information on enforcement activities (e.g. stop work orders, warning letters, etc) at construction sites for erosion and sediment control violations taken during the reporting period (attach additional sheets if necessary):

| Site Location | Type of Enforcement Action | Date of Enforcement |
|---------------|----------------------------|---------------------|
| | | |

5. Were any education and/or training measures for construction site operators conducted (besides those under measure 1) during the reporting period?
Yes No X

If yes, provide details:

a. Type(s) of training conducted?

b. Date(s) of training:

c. Who performed the training:

d. Who received the training:

e. Did the training result in some type of certification? Yes No

If yes, please explain:

6. List any BMP's implemented by the MS4 for this measure in the chart below

| BMP Description | Start Date | Completed? Yes/No | Completion Date | Projected Completion Date |
|-----------------|------------|-------------------|-----------------|---------------------------|
| | | | | |

7. For each BMP noted in the chart for this section above list measurable goal information that is pertinent per the outline below.

BMP

(1) General summary

(2) Status of Measurable Goals

(3) Effectiveness

(4) Proposed Modifications

Control Measure 5 - Post-Construction Storm Water Management in New Development and Redevelopment

1. Provide a summary of the initiative of the post construction storm water management program (e.g. limiting growth to identified areas, engineering structural specifications for treating post construction runoff, policies to encourage infill development in existing higher density areas, minimization of impervious areas and mechanisms etc.)

A Storm Water Management Plan was adopted by our City Council and is being implemented citywide.

2. Does the post-construction program include a regulatory mechanism such as an ordinance? If so please describe how the mechanism will work to help achieve the initiatives in question 1 above. If a regulatory mechanism has not yet been developed provide a brief description of planned policy enactment.

The program does not currently have a regulatory mechanism other than the "practice" of the Public Utilities Department to require flow regulating structures and other types of protection (silt fences, straw waddles, etc.). However, we are currently drafting an ordinance that will be adopted by the City Council. Also, we have been working more closely with our code enforcement officers to help us watch for violations.

3. List any BMP's implemented by the MS4 for this measure in the chart below

| BMP Description | Start Date | Completed? Yes/No | Completion Date | Projected Completion Date |
|---|------------|-------------------|-----------------|---------------------------|
| Require oil/water separators on all new commercial developments | 5/4/04 | Ongoing | Ongoing | Ongoing |

4. For each BMP noted in the chart for this section above list measurable goal information that is pertinent per the outline below.

BMP Require Oil/Water Separators on all New Commercial Developments

(1) General summary

Currently requiring each new commercial development that is being built, or any existing commercial site being modified or expanded to install an oil/water separator

(2) Status of Measurable Goals

On-going

(3) Effectiveness

The program is in its infancy and we are realizing that for this BMP of installing oil/water separators to be effective the main emphasis will have to be on keeping them properly maintained.

(4) Proposed Modifications

Formulate some sort of plan to ensure that the owners routinely check, clean or otherwise maintain their oil/water separators.

Control Measure 6 – Pollution Prevention/Good Housekeeping for Municipal Operations

Structural and Source Control Measures

1. Structural Controls

How many permanent control structures for which the MS4 is responsible were added during this reporting period? 0

Including the structures added this reporting period, what is the total number of permanent control structures which the permittee is responsible for inspecting and maintaining? 23

What is the frequency at which permanent control structures were inspected or maintained during this reporting period? Annually

How many permanent control structures were inspected during this reporting period:

| | | |
|-------------------|------|----------------------|
| catch basins | 2459 | per reporting period |
| ditches | 24 | per reporting period |
| detention ponds | 25 | per reporting period |
| storm drain lines | 49 | per reporting period |
| Other | | per reporting period |

NOTE: We have currently mapped approximately 35% of our structures.

How many permanent control structures were maintained during this reporting period:

| | | |
|-------------------|------|----------------------|
| catch basins | 1500 | per reporting period |
| ditches | 12 | per reporting period |
| detention ponds | 13 | per reporting period |
| storm drain lines | 25 | per reporting period |
| Other | | per reporting period |

Describe any tasks associated with control structure inspection and maintenance (e.g. repairs), not addressed in the questions above

The outfall culvert structure of Dry Creek to the Jordan River had deteriorated to the point of near collapse. We obtained a 404 permit and replaced the old 72 inch diameter culvert with a dual barrel (60-inch each) reinforced concrete culvert at the confluence with the Jordan River.

2. Master Plan

- a. Does your municipality have a comprehensive planning document (e.g. Master Plan), which in part addresses storm water? Yes No
- b. If the answer to 2.a was "yes", describe any changes made to the storm water portion of the comprehensive planning document performed during the reporting period:

No changes were made other than a rescheduling of the priority list. For example: Due to current development patterns, one of the detention facilities that was listed as #26 in the priority list has now become #3.

3. Street Maintenance

- a. How many miles of streets were swept during the reporting period?

21,604 miles of street have been swept, which includes 7,713 miles of main roads and 13,891 miles on other roads.

- b. Describe any litter removal activities performed during the reporting period (e.g. dates, people performing litter pickup, etc), including the amount of debris removed (pounds), if known:

Spring and fall cleanup and street sweeping. 513 tons of debris removed.

- c. Describe any practices for maintaining streets that were not addressed in the questions above (deicing practices, road repair procedures, etc):

Snow removal (de-icing) technique changed. There is now a reduced amount of white salt used on the road surface by mixing it with red salt. This mixture lasts longer on the road surface and works at lower temperatures. It is also reportedly less corrosive.

4. Flood Management Projects

a. Were any existing flood management projects (e.g. wet or dry retention basins, channels) evaluated during the reporting period to determine if retrofitting the device for additional pollutant removal is feasible?
 Yes No

b. If the answer to question 4.a is yes, please provide details on the location of the flood management project and the evaluation performed (date, what did evaluation consist of, outcome):

The outfall of the 8600 South storm drain was evaluated to see if we can pass additional flows from the 8000 South storm drain through the discharge channel to the Jordan River. This evaluation is still underway as our consultant is currently designing the 8000 South storm drain system. Also, this past year's flood management projects consisted of design and modification of two (2) additional ponds, which we are currently acquiring financing on.

c. Did you inspect any of the following municipal facilities during the reporting period for storm water runoff control measures:

| Facility Inspected | Yes | No | Not applicable |
|--|-----|----|----------------|
| Publicly owned water treatment plants | | | X |
| Publicly owned wastewater treatment plants | | | X |
| Municipal incinerators | | | X |
| Municipal solid waste transfer facilities | | | X |
| Land application sites | | | X |
| Transportation fleet maintenance and storage yards | X | | |
| Sludge disposal or treatment sites | | | X |
| Municipally owned landfills | | | X |
| Other sites (provide details): | | | X |

NOTE: We currently have under a design contract the design for a 16-acre foot capacity detention basin at what is called the "Gravel Pit" site. Also, in consideration and being evaluated for feasibility is another detention basin at the outfall of the 8000 South Storm Drain. We are hopeful that we will know the outcome of this project by the time we submit next years annual report.

Documentation of each inspection performed should be attached as an addendum to this report. Are completed inspection reports or some other type of documentation attached? Yes No

Were any control measures to reduce runoff implemented during the reporting period at the facilities listed in question Part II.A.5.e above?
 Yes No

If yes, provide details:

***** Incorrect reference, Part IIA.5.3??**

A new truck wash facility was completed in September 2004. The site also has an area to dump debris from the street sweepers so that it can be dried and disposed of at a landfill. The waste water from the debris is diverted into the sanitary sewer system.

5. Pesticide, Fertilizer, Herbicide Application

a. Were any of the following tasks related to a pesticide, herbicide, and fertilizer management program completed during the reporting period:

| Task Completed | Yes | No | Not Applicable |
|--|-----|----|----------------|
| Developed or updated inventory of pesticides, herbicides, and fertilizers used by MS4 | X | | |
| Conducted applicator training or certification training | X | | |
| Conducted municipal employee safety training in use, storage and disposal of chemicals | X | | |
| Conducted safety training of private applicators in use, storage and disposal of chemicals | | X | |
| Implemented program for municipal use of native or low-maintenance vegetation | X | | |

6. List all BMP's implemented by the MS4 for this measure in the chart below

| BMP Description | Start Date | Completed? Yes/No | Completion Date | Projected Completion Date |
|---|------------|-------------------|-----------------|---------------------------|
| Annual Training on Pesticide, Herbicide and Fertilizer application and understanding. UPDES requirements. | 9/10/04 | Yes | 9/10/04 | Same |
| Advanced Training on Herbicides and Pesticides | As needed | Yes | As needed | Same |

| | | | | |
|-----------------|--|--|--|--|
| before spraying | | | | |
|-----------------|--|--|--|--|

NOTE: The Parks Department contracts out major applications of pesticide and herbicide applications with a private company.

7. For each BMP noted in the chart for this section above list measurable goal information that is pertinent per the outline below.

BMP Inventory of Pesticide, Fertilizer and training on UPDES requirements.

(1) General summary

Parks employees receive annual training on the use of herbicides, pesticides, fertilizers and UPDES requirements. 40 attended this session.

(2) Status of Measurable Goals

This is a mandatory training and attendance was taken.

(3) Effectiveness

This continues to be an effective program since no disciplinary actions were required.

(4) Proposed Modifications

None at this time.

BMP Annual Advanced Training of Herbicides, Pesticides, and Fertilizers

(1) General summary

Parks employees receive advanced training on the use of herbicides, pesticides, and fertilizers as needed before spraying. Training includes but is not limited to: review of MSDS, review of product labels, 1 hour minimum of on site supervision while using product and triple rinse procedures and spill containment.

(2) Status of Measurable Goals

Disciplinary action is taken if procedures are not followed. To date we have not had to issue discipline in this area.

(3) Effectiveness

This continues to be an effective program.

(4) Proposed Modifications

None at this time.

Part IV -- Annual Expenditures for Permit Compliance

1. Reporting Period Expenditures

- a. What was the funding source(s) for this reporting period's expenditures?
Documents available upon request.
- b. A summary of the expenditures for the administration of the storm water management program during the reporting period should be attached as an addendum to this report. Is a copy of last reporting period's expenditures attached? Yes No

2. Next Reporting Period's Budget

- a. What will be the funding source for next reporting period's budget?
Documents available upon request
- b. A summary of the proposed budget for the storm water management program for the next reporting period should be attached as an addendum to this report. Is a copy of the proposed budget for the next reporting period attached?
Yes No

3. Staffing

- a. How many full-time equivalents were dedicated to the administration of the SWMP during the reporting period? **1.75**
- b. Did the amount of full-time equivalents dedicated to the administration of the SWMP during this reporting period differ from the previous reporting period either by an increase or decrease in numbers? Yes No
- c. If yes, please explain whether it was a decrease or increase and the reason for the staff differences

There was an increase in staffing as our code enforcement officers have been assisting us with enforcement and also our public utilities inspectors have been making more on site visits.

Part V – Five Year Implementation Schedule

This part is required for the first year annual report for all entities covered under the UPDES General Permit for Small Municipal Separate Storm Sewer Systems, General Permit No. UTR090000. Entities within Salt Lake County that are part of the Phase I Co-Permit do not need to complete this section.

This section requires a listing with dates and measures satisfied for all best management practices, which will be implemented over the five year permit cycle (Dec. 7, 2002 to Dec. 7, 2007). A program in compliance with the permit must be implemented no later than Dec. 7, 2007. The program implementation schedule dates must include both month and year.

| Best Management Practice | Implementation Schedule Month/Year | Min Control Measure | | | | | |
|--|---------------------------------------|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| <i>Example: Create and Pass an Enforceable Ordinance Requiring Sediment and Erosion Control at Construction Sites Which Disturb more than One Acre</i> | June/2006 | | | | X | | |