

# Small MS4 Stormwater Management Program Annual Report



## City of Auburn

Program Year 7  
July 1, 2009 – June 30, 2010

Prepared by  
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City of Auburn  
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## Certification of Annual Report

City of Auburn

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

Public Works Department – City of Auburn

Bernie Schroeder 9/13/10

Bernie Schroeder

Date

Director of Public Works

## **Report Overview**

The City of Auburn is a designated small MS4 (Municipal Small Separate Storm Sewer System) required to develop, implement, enforce, evaluate and report a Stormwater Management Plan (SWMP) to reduce the discharge of pollutants to the maximum extent practicable. This report is prepared in compliance with the State Water Resource Control Board Small Municipal General Permit requirements from here on referred to as the State General Permit. An annual report of the program is due each year on September 15<sup>th</sup> for the previous fiscal year.

Since the approval of the SWMP by the Central Valley Regional Water Quality Control Board in 2004 the City has made continuous progress in implementing the goals in the SWMP. This years report covers Year 7 (July 2009 through June 2010) activities.

Text in the remainder of this report gives the information required by the State General Permit and committed to by Chapter 6 of the SWMP. Copies of program materials are included in the appendices.

## Effectiveness Assessment

The effectiveness of the Stormwater Management Plan for the Year 7 Annual Report is based on the California Stormwater Quality Association's (CASQA) guidelines contained in the CASQA publication titled "Municipal Stormwater Program Effectiveness Guide." The Stormwater Management Plan was not initially prepared to reflect CASQA's Effectiveness Assessment; future Stormwater Management Plans will incorporate CASQA's Effectiveness Assessment.

The CASQA Effectiveness Assessment is a method to assess whether Best Management Practices (BMP's) are resulting in preferred outcomes and if those outcomes are being achieved efficiently and cost-effectively. There are six outcome levels that refer to the results of a control measure, program element, or overall program. Each outcome/effectiveness level has significance in informing and/or supporting management decisions. Not all outcome levels are used in every assessment and the outcome levels are not necessarily conducted in sequence.

The effectiveness levels are as follows:

Level 1: Compliance with Activity

Level 2: Raising Awareness

Level 3: Changing Behavior

Level 4: Reducing Loads from Sources

Level 5: Improving Runoff Quality

Level 6: Protecting Receiving Water Quality

At this stage of implementation, it is not expected that any of the BMP's will be able to demonstrate success above Level 3. The purpose of the effectiveness assessment process is to confirm the desired results of the overall program and to identify any modifications that may be needed thus ensuring an interactive process throughout the permit implementation.

## **Element 1: Public Education and Outreach on Stormwater Impacts**

Permit Years scheduled for implementation

Year 1   Year 2   Year 3   Year 4   Year 5   Year 6   Year 7

Has Goal Been Accomplished: Yes

### **General Summary**

Implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impact of stormwater discharges on water bodies and the steps that the public can take to reduce pollutants in stormwater runoff.

#### **1-1. Assess, Prioritize, and outreach to Target Sources of Pollutants**

Goal A: Maintain database of businesses and others as targets for outreach materials.

Goal B: Evaluate and update database annually

Goal C: Provide outreach to two groups annually

Goal D: Maintain brochure and flyer available for distribution for general education purposes.

Goal E: Maintain materials at identified distribution points.

Goal F: Identify and evaluate the need for new distribution locations.

Goal G: Evaluate the need to create and distribute additional materials.

#### **1-2. Submit Materials to Local Media**

Goal A: Write and submit two media resources annually to inform the public about stormwater events and general stormwater pollution topics.

### **Effectiveness:**

Public education and outreach portion of the Stormwater Management Program focuses on distributing a consistent message regarding storm water quality to a broad audience – the general public. The effectiveness of public education is difficult to measure, but public education is essential to achieving behavioral changes. The effectiveness based on the CASQA's (California Stormwater Quality Association) Municipal Stormwater Program Effectiveness Assessment Guidance manual would put public education and outreach at a level 1 – Compliance with Activity – based on Permit requirements and a level 2 – Raising Awareness. Portions of the public education and outreach may

eventually lead to a level 3 – Behavior Change, but the City has no current findings to support that level of effectiveness.

### Effectiveness Assessment Summary

Outreach Program Activities	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Compliance	Increase Awareness	Behavior Change	Load Reductions
1-1: Outreach to Target Sources	X	X	X	
1-2: Local Media Outreach	X	X		
1-3: Additional Public Outreach	X	X	X	

### Proposed Modifications:

None.

### Status of Measurable Goals

#### 1-1. Assess, Prioritize, and outreach to Target Sources of Pollutants

Goal A: Maintain Database

The database is currently maintained within the Administrative Services Department with the business licenses.

Goal B: Evaluate and update database

The database is updated annually within the Administrative Services Department when business licenses are renewed and ongoing as new businesses apply for a license.

Goal C: Provide Outreach to two groups (contractors, businesses and school children)

The Public Works Department in coordination with Placer County, the Town of Loomis, City of Rocklin, and the City of Roseville hosted a Stormwater Quality Workshop on October 21, 2009 at the City of Rocklin Council Chambers in Rocklin, California. The workshop was designed for contractors, developers, planners, engineers and inspectors to gain knowledge of compliance related to the new construction general permit. There were approximately 100 people in attendance at the workshop.

The City sponsored the annual Healthy Auburn Waters Event/Creek Walk at the Auburn School Park Preserve for Skyridge Elementary School second grade students in May 2010. There were approximately 100 students at the event. The students learned about

stormwater, water efficiency, the water cycle, littering and recycling and how they can help their environment.

Goal D: Maintain brochure and flyer

The Public Works Departments maintains brochures and flyers for disbursement.

Goal E: Maintain materials

All outreach material is currently maintained in the Public Works Department.

Goal F: Identify new distribution locations

Currently the City maintains distribution locations at the Public Counter and the Finance Department in City Hall along with the Corporation Yard. In Year 7, the City did not implement any new distribution location, but will continue to monitor the need for new distribution locations.

Goal G: Evaluate need for new distribution materials

Public Works staff continually reviews materials from various local jurisdictions and evaluates the appropriateness for the City of Auburn. Staff attends the Placer County Regional Stormwater Coordination Group which allows all the local jurisdictions to share any new materials they are working on and creating. In Year 7, the City created a pesticide information flyer which was submitted to the Auburn Journal and was placed at the City of Auburn Public Counter. A banner depicting the same information was hung for Auburn Family Night Out – a local family event – to heighten awareness about issues from pesticides.

## **1-2 Submit Materials to Local Media**

Goal A: Write and submit two media resources

The City of Auburn submitted three news releases to the Auburn Journal throughout the fiscal year 2009/2010. All three news releases were picked up by the Auburn Journal. In October 2009, the City was promoting reworking landscaping to save water and reduce pesticide use. In April of 2010, the City of Auburn was promoting keeping pesticides out of rivers and creeks. In May of 2010, the City of Auburn hosted the Creek Walk for Skyridge Elementary students.

## **1-3 Expand Website**

The City of Auburn recently completed a new website and information and data regarding the Stormwater program has been included in the new website. The Public Works Department utilizes [www.healthyauburnwaters.org](http://www.healthyauburnwaters.org) as a central location for residents and businesses to get information regarding the stormwater program. The Healthy Auburn Water website got a total of 510 hits with 442 from first time visitors in Year 7 of the program.

Goal A: Maintain webpage

The current City website contains information regarding Stormwater and includes the hotline number to call if there are illegal discharges, but does not include a direct link. The [www.healthyauburnwaters.org](http://www.healthyauburnwaters.org) website contains information regarding stormwater as well.

### **1-3. Additional Public Outreach**

#### Goal A: Monitor available public education opportunities

The Public Works staff continues to monitor public education opportunities. The City of Auburn had a booth during the Auburn Family Night Out at City Hall in May 2010. The booth provided information to residents regarding properly disposing of household hazardous waste. The booth also included information about the Healthy Auburn Waters campaign. The City participated in the Free Pharmaceutical Drop-Off to encourage the proper disposing of pharmaceuticals. The City also hosted a Household Hazardous Waste and Electronic Waste Drop-Off event in October of 2009. The City also participates with the Placer Regional Stormwater Coordination Group (PRSCG). The City continues to offer outreach events for local elementary school children in the annual Healthy Auburn Waters/Creek Walk Event and local contractors/developers in our annual outreach events.

#### Goal B: Identify and execute one additional public education activity

The Public Works staff continues to monitor additional public education activities available to the City. The City assists with additional public education activities or events as determined to be an effective means of education. In May of 2010, the City hosted a booth at the Auburn Family Night Out event.

## **Element 2: Public Improvement/Participation**

Permit Years scheduled for implementation

Year 1    Year 2    Year 3    Year 4    Year 5    Year 6    Year 7

Has Goal Been Accomplished: Yes

### **General Summary**

The City of Auburn will comply with State and local public notice requirements when implementing a public involvement/participation program.

#### **2-1. Develop & Facilitate a Citizen's Advisory Group**

Goal A: Formulate a Citizen's Advisory Group

#### **2-2. Develop & Implement a Storm Drain Stenciling Program**

Goal A: Sponsor a stenciling event annually

#### **2-3. Additional Public Participation Activities**

Goal A: Monitor available public education opportunities

Goal B: Facilitate one day or weekend long event per year

Goal C: Provide annual report to Council

### **Effectiveness:**

Public education and outreach portion of the Stormwater Management Program focuses on distributing a consistent message regarding storm water quality to a broad audience – the general public. The effectiveness of public education is difficult to measure, but public education is essential to achieving behavioral changes. The effectiveness based on the CASQA's (California Stormwater Quality Association) Municipal Stormwater Program Effectiveness Assessment Guidance manual would put public education and outreach at a level 1 – Compliance with Activity – based Permit requirements and a level 2 – Raising Awareness. Portions of the public education and outreach may eventually lead to a level 3 – Behavior Change, but the City has no current findings to support that level of effectiveness.

## Effectiveness Assessment Summary

Outreach Program Activities	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Compliance	Increase Awareness	Behavior Change	Load Reductions
2-1: Citizen's Advisory Group	X			
2-2: Implement Storm Drain Stenciling	X	X	X	
2-3: Additional Public Participation Activities	X	X		

### **Proposed Modifications:**

The City proposes to utilize existing committees, such as the Development Review Committee and the Planning Commission as a means for citizens to advise and discuss with the City on stormwater issues instead of creating the Stormwater Citizen's Advisory Group. The City attempted to formulate the group, but the City did not receive any interest from the public and due to staffing availability it made economical sense to utilize existing committees as a means to satisfy the goal.

### **Status of Measurable Goals**

#### **2-1. Develop & Facilitate a Citizen's Advisory Group**

Goal A: Formulate a Citizen's Advisory Group

The City attempted to create a Stormwater Citizen's Advisory Group during the first year of the permit, but did not receive any interest from the public. The City will monitor the need to form a Stormwater Citizen's Advisory Group. The City utilizes the Development Review Committee and the Planning Commission as a means for Citizens to advise the City on stormwater issues.

#### **2-2. Develop & Implement a Storm Drain Stenciling Program**

Goal A: Sponsor a Stenciling Event Yearly

The City of Auburn has stencils available to groups to stencil the City's drainage inlets. However, for year 2009/2010, there were no groups interested in the stenciling program. The City of Auburn will continue to offer stenciling in the future.

#### **2-3. Additional Public Participation Activities**

Goal A: Monitor Available Public Education Opportunities

The Public Works staff continues to monitor public education opportunities. The City of Auburn had a booth during the Auburn Family Night Out at City Hall in May 2010. The

booth provided information to residents regarding properly disposing of household hazardous waste. The booth also included information about the Healthy Auburn Waters campaign.

**Goal B: Facilitate one day or weekend long event per year**

The City sponsored the annual Healthy Auburn Waters Event/Creek Walk in May of 2010 at the Auburn School Park Preserve for one hundred Skyridge Elementary School second grade students. The students learned about stormwater, water efficiency, the water cycle, littering and recycling.

**Goal C: Provide annual report to Council**

The Public Works Department presents quarterly reports to the City Council and stormwater is included in the presentations as needed.

## **Element 3: Illicit Discharge Detection and Elimination**

Permit Years scheduled for implementation

Year 1   Year 2   Year 3   Year 4   Year 5   Year 6   Year 7

Has Goal Been Accomplished: Yes

### **General Summary**

Implement a program to detect and eliminate illicit discharges in the regulated MS4. The program will consist of mapping of the storm drain system, developing legal authority to enforce illicit discharges, perform field reviews, and inform public employees, businesses and the general public of the hazards of illegal discharges and improper disposal of waste.

#### **3-1. Storm Drain System mapping**

Goal A: Produce maps of storm drains within City

Goal B: Establish system for updating storm drain outfall information

Goal C: Collect data and update and maintain maps as needed

Goal D: New outfalls will be reported at end of each year

#### **3-2. Develop Legal Authority to Enforce Control of Illicit Discharge to Storm Drains**

Goal A: Adopt an enforceable ordinance

#### **3-3. Perform Field Reviews and Site Inspections**

Goal A: Educate the public and businesses on hazards associated with illegal discharges

Goal B: Initiate basic field inspections to establish priority areas

Goal C: Establish priority areas for inspection

Goal D: Conduct 25 inspections per year after enactment of ordinance

Goal E: Respond per procedures to illicit discharges and connections

Goal F: Create list of inspection and enforcement priorities

Goal G: Utilize list to recommend possible target audiences for public outreach

#### **3-4. Hazardous Materials Response**

Goal A: Implement practices established in year one

Goal B: Review practices with Police and Fire Department

Goal C: Monitor location, frequency and type of response events

### **3-5. Establish Hotline for Public Inquiries and Reports**

Goal A: Meet and coordinate with Police to add stormwater to hotline's reportable activities

Goal B: Establish hotline to allow citizen inquiries and reports

Goal C: Advertise hotline information

Goal D: Receive and respond to all reported events fielded through the hotline.

### **3-6. Train City Staff**

Goal A: Provide one general stormwater training session annually for employees involved in program

Goal B: Provide specific training yearly for all employees with program responsibility

## **Effectiveness**

Illicit Discharge Detection and Elimination portion of the Stormwater Management Program focuses on locating the sources of illegal discharges and illicit connections to the storm drainage system and to take actions to eliminate those sources of pollution. The effectiveness based on CASQA's Municipal Stormwater Program Effectiveness Assessment guidance manual would be at level 1 – Compliance with Activity – based on Permit requirements, level 2 – Raising Awareness, and level 3 – Behavior Change due to education through inspections and site visits. Portions of the Illicit Discharge Detection and Elimination may eventually lead to a level 4 - Reducing Loads from Sources, but the City currently has no empirical data that supports that level of effectiveness.

## Effectiveness Assessment Summary

Outreach Program Activities	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Compliance	Increase Awareness	Behavior Change	Load Reductions
3-1: Storm Drain System Mapping	X	X		
3-2: Develop Legal Authority to Enforce Control of Illicit Discharge to Storm Drains	X	X	X	X
3-3: Perform field reviews and site inspections	X	X	X	X
3-4: Hazardous Materials Response	X	X	X	X
3-5: Establish hotline for public inquiries and reports	X	X		
3-6: Train City Staff	X	X	X	

### Proposed Modifications:

None.

### Status of Measurable Goals

#### 3-1. Storm Drain System Mapping

Goal A: Produce maps of storm drains within City

Public Works Department Staff is continually working on updating the Stormwater drain maps. The City purchased a GPS unit to produce accurate maps of the storm drain facilities. Due to City staff cutbacks, the map has not been completed. The City continues to work on locating all the storm drains throughout the City.

Goal B: Establish system for updating storm drain outfall information

The Public Works Department Staff currently updates the storm drain outfall information as information is gathered.

Goal C: Collect data and update and maintain maps as needed

The Public Works staff continues to monitor and update stormwater drain maps as needed.

Goal D: New outfalls will be reported at end of each year

The City had no new outfalls reported in Year 7, but the process to report them is in place.

### **3-2. Develop Legal Authority to Enforce Control of Illicit Discharge to Storm Drains**

Goal A: Adopt an enforceable ordinance

The City adopted the Stormwater Management and Discharge Ordinance on March 12, 2007. The ordinance can be found online in the Auburn Municipal Code, Chapter 53 located at the following URL:

[http://www.amlegal.com/nxt/gateway.dll/California/auburn\\_ca/titlevpublicworks/chapter53stormwatermanagementanddischarg?f=templates\\$fn=altmain-nf.htm\\$q=53%20\\$x=server\\$3.0#LPHit1](http://www.amlegal.com/nxt/gateway.dll/California/auburn_ca/titlevpublicworks/chapter53stormwatermanagementanddischarg?f=templates$fn=altmain-nf.htm$q=53%20$x=server$3.0#LPHit1)

### **3-3. Perform Field Reviews and Site Inspections**

Goal A: Educate the public and businesses on hazards associated with illegal discharges

During pre-construction meetings the Public Works Construction Inspector takes time to educate the contractor on hazards associated with illegal discharges. The contractor is also educated on Best Management Practices (BMP's) specific to the project site.

Goal B: Initiate basic field inspections to establish priority areas

The Public Works Construction Inspector inspects most construction job sites on a daily basis. During the rainy season, all construction job sites are reviewed daily. The Construction Inspector identifies projects that need extra assistance to implement their SWPPP.

Goal C: Establish priority areas for inspection

Public Works staff has identified residential home construction and commercial construction to be the two highest priority areas to focus for inspections and enforcement. Public Works Department works with the Building Department and the Code Enforcement Officer to enforce problem sites.

Goal D: Conduct 25 inspections per year after enactment of ordinance

All construction site inspections are done on a daily basis by the Construction Inspector. The Stormwater Ordinance became effective April 11, 2007 allowing for inspections to be enforced through the Stormwater Ordinance.

Goal E: Respond per procedures to illicit discharges and connections

The Public Works Department responds to all illicit discharges and connection reported by either the public or internal staff. The Fire Department also responds to illicit discharges and determines the priority level and if it is Hazardous Material sends in the HazMat Response Team; Public Works assists as needed and follows up with the business or property owner to educate the public regarding illicit discharges and/or illicit connections.

Goal F: Create list of inspection and enforcement priorities

Inspection and Enforcement priorities have been developed by the Public Works Department and will be updated as needed

The priority list remains:

1. Car Detail Businesses
2. TV Collection System Program for illicit connections
3. Radiator Shops
4. Restaurants

Goal G: Utilize list to recommend possible target audiences for public outreach

The inspection priorities are being used to recommend possible outreach groups, and enforcement priorities are being refined since the Stormwater Ordinance has been completed. The Healthy Auburn Waters Campaign mailed letters to all the priority list businesses to encourage them to take the “We Pledge for Healthy Auburn Waters.” Currently the Healthy Auburn Waters business campaign has 45 businesses that have taken the pledge.

### **3-4. Hazardous Materials Response**

Goal A: Implement practices established in year one

The City has established responsibilities and practices for each department during City wide training. Department heads have discussed how to affectively communicate before, during and after an incident. The Auburn Fire Department is the lead department on Hazardous Material call-outs.

Goal B: Review practices with Police Department and Fire Department

The Police Department and Fire Department have approved practices in Hazardous Material call-outs. They can active the Emergency Operations Center if required.

Goal C: Monitor location, frequency and type of response events

The Auburn Fire Department monitors hazardous material call-outs on their computer monitoring system. The computer monitoring system includes all the information pertaining to a specific hazardous material call-out, such as location, amount of the spill, etc.

### **3-5. Establish Hotline for Public Inquiries and Reports**

Goal A: Meet and coordinate with Police to add stormwater to hotline’s reportable activities

The Police Department answers the hotline number through the non-emergency dispatch line. The dispatch center has been given the proper procedure to follow. Based upon the

situation, the Dispatcher calls the appropriate department: Public Works, Fire Department or Police Department to respond.

Goal B: Establish hotline to allow citizen inquiries and reports

The City utilizes the non-emergency dispatch line as the hotline number for stormwater calls. The Police Department Dispatch Center handles the non-emergency line.

Goal C: Advertise hotline information

The hotline information is included on the City's website under the Stormwater section of the website. Concerned citizens can call the hotline number or send an email to [info@healthyauburnwaters.org](mailto:info@healthyauburnwaters.org) and the Public Works staff will review the email and follow up. The number and the email address are included on the Stormwater Pollution handout that is available to the public.

Goal D: Receive and respond to all reported events fielded through the hotline.

The response has been streamlined through the Police Department dispatch and the Public Works front desk. Public works staff and/or the fire department are involved in all reported events.

### **3-6. Train City Staff**

Goal A: Provide one general stormwater training session annually for employees involved in program

City employees attended the Stormwater Quality Workshop on October 21, 2009 with approximately two employees attending. The Public Works crew staff reviews training as needed during their weekly meetings.

Goal B: Provide specific training yearly for all employees with program responsibility

City employees attended the Stormwater Quality Workshop on October 21, 2009 with two employees attending. The Public Works crew staff reviews training as needed during their weekly meetings.

## **Element 4: Construction Site Stormwater Runoff Control**

Permit Years scheduled for implementation

Year 1   Year 2   Year 3   Year 4   Year 5   Year 6   Year 7

Has Goal Been Accomplished: Yes

### **General Summary**

Implement a program to reduce pollutants in any stormwater runoff from construction activities that result in a land disturbance of greater than or equal to one acre.

#### **4-1. Review and revise construction and inspection processes**

Goal A: Conduct enforcement activities as required

Goal B: Develop procedures to identify priority construction sites for inspection

Goal C: Inspect 50% of construction sites during dry season

Goal D: Inspect 75% of construction sites during wet season

#### **4-2. Review Grading, Erosion & Sediment Control Ordinances and Revise if Needed**

Goal A: Adopt an enforceable ordinance

#### **4-3. Perform Field Inspections**

Goal A: Continue inspections for BMPs

Goal B: Take appropriate enforcement actions with adopted ordinance

Goal C: Inspect construction sites during wet (75% of sites)/dry (50% of sites) seasons

#### **4-4. Train City Staff**

Goal A: Prepare appropriate materials and organize training sessions

Goal B: Provide sufficient training basics and specific on new guidelines for site plan review and inspection

#### **4-5. Outreach to Development Community**

Goal A: Provide at least one development community outreach activity yearly

Goal B: Re-evaluate outreach priorities yearly

## Effectiveness

Construction Site Stormwater Runoff Control portion of the Stormwater Management Program focuses on minimizing stormwater pollution from construction sites to the maximum practical extent. The effectiveness based on CASQA’s Municipal Stormwater Program Effectiveness Assessment guidance manual would be at level 1 – Compliance with Activity – based on Permit requirements, level 2 – Raising Awareness, and level 3 – Behavior Change due to education through inspections and site visits. Portions of the Construction Site Stormwater Runoff Control will eventually lead to a level 4 - Reducing Loads from Sources, but the City currently has no empirical data that supports that level of effectiveness.

### Effectiveness Assessment Summary

Outreach Program Activities	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Compliance	Increase Awareness	Behavior Change	Load Reductions
4-1: Construction/ Inspection Processes	X			
4-2: Review Grading, Erosion and Sediment Control Ordinance	X			
4-3: Field Inspections	X	X	X	X
4-4: Train City Staff	X	X		
4-5: Outreach to Development Community	X	X	X	

### Proposed Modifications:

None.

## Status of Measurable Goals

### 4-1. Review and revise construction and inspection processes

Goal A: Conduct enforcement activities as required

The Public Works Department conducts enforcement activities as needed. The Public Works Department works in conjunction with the Code Enforcement Officer on enforcement activities as needed as well. The Stormwater Ordinance became effective April 11, 2007.

Goal B: Develop procedures to identify priority construction sites for inspection

The Public Works Construction Inspector inspects most construction sites on a daily basis. Due to the frequent inspections, the Construction Inspector is able to identify the priority construction sites in need of additional attention. The Construction Inspector identifies and assists the projects that need extra guidance to implement their Stormwater Pollution Prevention Plan (SWPPP).

Goal C: Inspect 50% of construction sites during dry season

The Public Works Construction Inspector inspects most construction job sites on a daily basis during the dry season.

Goal D: Inspect 75% of construction sites during wet season

The Public Works Construction Inspector inspects most construction job sites on a daily basis. During the rainy season, all construction job sites are reviewed daily. The Construction Inspector notifies contractors prior to a storm to make sure all Best Management Practices (BMP's) are in place and working properly.

### 4-2. Review Grading, Erosion & Sediment Control Ordinances and Revise if Needed

Goal A: Adopt an enforceable ordinance

The City last amended the Grading, Erosion and Sediment Control Ordinance on March 28, 1990. The ordinance can be found online in the Auburn Municipal Code, Chapter 155 located at the following URL:

[http://www.amlegal.com/nxt/gateway.dll/California/auburn\\_ca/titlexvlandusage/chapter155gradingerosionandsedimentcontr?fn=altmain-nf.htm\\$f=templates\\$3.0](http://www.amlegal.com/nxt/gateway.dll/California/auburn_ca/titlexvlandusage/chapter155gradingerosionandsedimentcontr?fn=altmain-nf.htm$f=templates$3.0)

The City determined that currently there is no need to make any revisions to the Grading, Erosion and Sediment Control Ordinance, but will review the issue annually to determine if the Ordinance needs to be amended.

### **4-3. Perform Field Inspections**

#### **Goal A: Continue inspections for BMPs**

During the 2009/2010 fiscal year, the City of Auburn issued approximately twenty grading permits. The Public Works Construction Inspector inspects most of these construction sites on a daily basis. Due to the frequent inspections, the Construction Inspector is able to identify the priority construction sites in need of additional attention. The Construction Inspector identifies and assists the projects that need extra guidance to implement their Stormwater Pollution Prevention Plan (SWPPP).

#### **Goal B: Take appropriate enforcement actions with adopted ordinance**

The City has the ability to take appropriate enforcement action if needed per the Stormwater Ordinance and the Grading, Erosion and Sediment Control Ordinance. In Year 5 of the permit the City started the enforcement action on a construction site. In Year 7 the City followed up to make sure that the required action plan with mitigation measures and security measures were implemented. The City will continue to monitor this site to verify compliance with the enforcement action. The City did not take any additional enforcement action in Year 7 of the Permit.

#### **Goal C: Inspect construction sites during wet (75% of sites)/dry (50% of sites) seasons**

During the 2009/2010 fiscal year, the City of Auburn issued approximately twenty grading permits. The Public Works Construction Inspector inspects most construction job sites on a daily basis. During the rainy season, all construction job sites are reviewed daily. During the dry season, most construction job sites are reviewed daily, but are reviewed weekly at a minimum. The Construction Inspector notifies contractors prior to a storm to make sure all Best Management Practices (BMP's) are in place and working properly.

### **4-4. Train City Staff**

#### **Goal A: Prepare appropriate materials and organize training sessions**

City employees attended the Stormwater Quality Workshop on October 21, 2009 with two employees attending. The Public Works crew staff reviews training as needed during their weekly meetings. Also, every City Department has a copy of the City of Auburn's Stormwater Management Plan and the Auburn Municipal Code and has had training from the Public Works Department as it relates the Stormwater Management Plan and the Stormwater Ordinance and the Grading, Erosion and Sediment Control Ordinance.

#### **Goal B: Provide sufficient training basics and specific on new guidelines for site plan review and inspection**

The Public Works Department staff has provided guidelines to the Community Development Department as well as internal staff as it relates to the Stormwater Ordinance. Staff has provided training as necessary and will continue to review the need for additional training.

### **4-5. Outreach to Development Community**

#### **Goal A: Provide at least one development community outreach activity yearly**

The Public Works Department in coordination with Placer County, the Town of Loomis, the City of Rocklin and the City of Roseville hosted a Stormwater Quality Workshop on October 21, 2009 at the City of Rocklin Council Chambers in Rocklin, California. The workshop was designed for contractors, developers, planners, engineers and inspectors to gain knowledge of compliance related issues with current stormwater and non-storm water discharge requirements as related to the new construction general permit.

Goal B: Re-evaluate outreach priorities yearly

The City of Auburn annually reviews the outreach priorities. Outreach priorities for Year 7 are as follows: Contractor/Development Community Outreach, Student Outreach and Municipal Staff Training.

## **Element 5: Post-Construction Stormwater Management in New Development and Redevelopment**

Permit Years scheduled for implementation

Year 1   Year 2   Year 3   Year 4   Year 5   Year 6   Year 7

Has Goal Been Accomplished: Yes

### **General Summary**

Implement and enforce a program to address stormwater runoff from new development redevelopment projects.

#### **5-1. Revise Development Review Policies and Process**

Goal A: Assemble team to develop standards/practices upon general permit requirements

Goal B: Evaluate new development standards for other public agencies

Goal C: Collect and evaluate City documents

Goal D: Define standards and policies to meet program requirements

Goal E: Draft changes to the documents and development processes

Goal F: Finalize changes to the documents

Goal G: Complete documentation evaluation and create a list of changes

#### **5-2. Develop Legal Authority to Enforce Effective Post-Construction Stormwater Management**

Goal A: Prepare and present ordinance to City Council. Implement changes necessary

Goal B: Adopt an enforceable ordinance

#### **5-3. Perform Field Evaluation and Long-Term Maintenance and Monitoring**

Goal A: Adopt enforceable ordinance

Goal B: Train Planning Department Staff on post-construction requirements and conditions of approval

Goal C: Review a minimum of 20% of post-construction BMP's annually

Goal D: Evaluate performance and design

Goal E: Apply long-term monitoring and maintenance requirements to all new projects

Goal F: Conduct enforcement as required to ensure compliance

#### **5-4. Perform Development Community Outreach**

Goal A: Gather available outreach materials from local agencies to have available for contractors and the general public

Goal B: Re-evaluate outreach priorities yearly

### **Effectiveness**

Post-Construction Stormwater Management in New Development and Redevelopment portion of the Stormwater Management Program focuses on minimizing stormwater pollution from new construction projects to the maximum practical extent. The effectiveness based on CASQA's Municipal Stormwater Program Effectiveness Assessment guidance manual would be at level 1 – Compliance with Activity – based on Permit requirements, level 2 – Raising Awareness due to education through the development process and site visits and inspections. Portions of the Post-Construction Stormwater Management in New Development Redevelopment may eventually lead to a level 3 – Behavior Change and 4 - Reducing Loads from Sources, but the City currently has no empirical data that supports that level of effectiveness.

## Effectiveness Assessment Summary

Outreach Program Activities	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Compliance	Increase Awareness	Behavior Change	Load Reductions
5-1: Revise Development Policies/Processes	X			
5-2: Authority to Enforce Effective Post-Construction Stormwater Management	X	X		
5-3: Field Evaluation and Long-term Maintenance and Monitoring	X			
5-4: Outreach to Development Community	X	X		

### Proposed Modifications:

None.

### Status of Measurable Goals

#### 5-1. Revise Development Review Policies and Process

Goal A: Assemble team to develop standards/practices upon general permit requirements

The Public Works Department and the Community Development Department meet once a week to review development project proposals. At these meetings, the Public Works Department and the Community Development develop the processes and policies for City development requirements. In conjunction with all the City departments, conditions of approval for the projects are crafted. Development projects are reviewed publicly at the Planning Commission where the conditions of approval are approved. The conditions of approval contain requirements for post-construction maintenance for stormwater infrastructure, as required or needed.

Goal B: Evaluate new development standards for other public agencies

The Public Works Departments participates with the Placer Regional Stormwater Coordination Group (PRSCG). The PRSCG presents new development standards proposed and/or approved by their public agency. The PRSCG meets on a quarterly basis, but communicates as frequently as needed through email.

Goal C: Collect and evaluate City documents

The Public Works Department annually evaluates City documents and proposes changes as needed.

Goal D: Define standards and policies to meet program requirements

The Public Works Department defines standards and policies through the development conditions of approval process.

Goal E: Draft changes to the documents and development processes

The Public Works Department and/or Community Development Department can draft changes to the development processes as needed.

Goal F: Finalize changes to the documents

The Public Works Department and the Community Development Department collectively finalize the proposed changes to the document as needed.

Goal G: Complete documentation evaluation and create a list of changes

There were no changes made to the development review and approval process in Year 7 of the permit.

## **5-2. Develop Legal Authority to Enforce Effective Post-Construction Stormwater Management**

Goal A: Prepare and present ordinance to City Council. Implement changes necessary

The Stormwater Ordinance was adopted by City Council in March 2007 and further amendments will be brought forth as needed.

Goal B: Adopt an enforceable ordinance

The Stormwater Ordinance was adopted by City Council in March 2007 and further amendments will be brought forth as needed.

## **5-3. Perform Field Evaluation and Long-term Maintenance and Monitoring**

Goal A: Adopt enforceable ordinance

The Stormwater Ordinance was adopted by City Council in March 2007 and further amendments will be brought forth as needed.

Goal B: Train Planning Department Staff on post-construction requirements and conditions of approval

The Public Works Department trains the Planning Department on post-construction requirements and conditions of approval.

Goal C: Review a minimum of 20% of post-construction BMP's annually

The Public Works Department Staff annually reviews post-construction BMP's

Goal D: Evaluate performance and design

The Public Works Department Staff continually evaluates the performance and design of the post-construction BMP's.

Goal E: Apply long-term monitoring and maintenance requirements to all new projects

The Public Works Department requires maintenance agreements with new projects. Public Works Department requires the maintenance agreements to remain in affect for a minimum of three years.

Goal F: Conduct enforcement as required to ensure compliance

Under the Stormwater Ordinance, the City conducts enforcement as required.

#### **5-4. Perform Development Community Outreach**

Goal A: Gather available outreach materials from local agencies to have available for contractors and the general public

Public Works Department Staff has gathered outreach materials from local agencies and utilizes them when having discussions with contractors and the general public. The Placer Regional Stormwater Coordination Group shares outreach material with each member of the group.

Goal B: Re-evaluate outreach priorities yearly

The City of Auburn annually reviews the outreach priorities. Outreach priorities for Year 8 are as follows: Contractor/Development Community Outreach, Student Outreach and Municipal Staff Training.

## **Element 6: Pollution Prevention/Good Housekeeping for Municipal Operations**

Permit Years scheduled for implementation

Year 1   Year 2   Year 3   Year 4   Year 5   Year 6   Year 7

Has Goal Been Accomplished: Yes

### **General Summary**

Implement an operations and maintenance program for City operations that has a goal of preventing or reducing pollutant runoff.

#### **6-1: Public Facilities Cleaning**

Goal A: Execute any recommended changes from the previous years recommendations

Goal B: Collect data about quantity of facilities cleaned

#### **6-2. BMP Improvement**

Goal A: Inspect and evaluate all municipal facilities and field operations

Goal B: Review and revise, as necessary, City facilities, SWPPPs

#### **6-3. Review and Revise Operations Manuals for City Facilities**

Goal A: Work with affected departments to revise or create manuals with stormwater management tasks for all City Facilities and operations

Goal B: Evaluate need for new documents and create if necessary

#### **6-4. Train Staff**

Goal A: Evaluate program feedback to identify training priorities

Goal B: Prepare appropriate material and organize training sessions

Goal C: Conduct annual job-specific municipal procedures and BMP training to involved City employees so that they can perform their role in the program adequately

#### **6-5. Perform Stream Channel Maintenance/Cleaning**

Goal A: Perform maintenance on selected reaches of Auburn Ravine and Dairy Road Watersheds

Goal B: BMPs to protect stormwater quality will be used during the cleaning activities

Goal C: Inspections for detection of any illicit or illegal discharges will be conducted

## Effectiveness

Pollution Prevention/Good Housekeeping for Municipal Operations portion of the Stormwater Management Program focuses on minimizing to the maximum practical extent stormwater pollution from in-house programs, projects and activities that are carried out by the City of Auburn. The effectiveness based on CASQA’s Municipal Stormwater Program Effectiveness Assessment guidance manual would be at level 1 – Compliance with Activity – based on Permit requirements, level 2 – Raising Awareness, and level 3 – Behavior Change due to education to municipal staff. Portions of the Pollution Prevention/Good Housekeeping for Municipal Operations will eventually lead to a level 4 - Reducing Loads from Sources, but the City currently has no empirical data that supports that level of effectiveness.

### Effectiveness Assessment Summary

Outreach Program Activities	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Compliance	Increase Awareness	Behavior Change	Load Reductions
6-1: Public Facilities Cleaning	X	X		X
6-2: BMP Improvement	X	X		
6-3: Review and Revise Operations Manuals for City Facilities	X	X	X	
6-4: Train City Staff	X	X		
6-5: Perform Stream Channel Maintenance/ Cleaning	X	X		X

### Proposed Modifications:

None.

### Status of Measurable Goals

## **6-1: Public Facilities Cleaning**

Goal A: Execute any recommended changes from the previous years recommendations

The City of Auburn annually reviews any changes that relate to cleaning of public facilities. The During Year 7 of the permit, there was no recommended changes, but if changes were recommended the change would occur throughout the year.

Goal B: Collect data about quantity of facilities cleaned

The Public Works crew maintains the data on the quantity of facilities cleaned in their daily maintenance logs. City streets are swept once a month. The Public Works crew swept approximately five thousand and five hundred miles of streets from July 2009 through June 2010. Approximately four miles of ditches were cleaned prior and during storm events by the Public Works crew. Throughout the year, the Public Works crew cleaned approximately eighteen thousand drain boxes before and after rain events. The Public Works crew also dug out approximately one hundred drain boxes throughout the year.

## **6-2. BMP Improvement**

Goal A: Inspect and evaluate all municipal facilities and field operations

The City continues to evaluate facilities and field operations as needed for stormwater compliance.

Goal B: Review and revise, as necessary, City facilities, SWPPPs

The City updated the Stormwater Pollution Prevention Plans (SWPPP) for the Corporation Yard, Wastewater Treatment Plant, and the Auburn Municipal Airport in Year 7. City staff reviews and revises the SWPPP's annually, at a minimum. If changes are needed throughout the year, City staff implements the required change.

## **6-3. Review and Revise Operations Manuals for City Facilities**

Goal A: Work with affected departments to revise or create manuals with stormwater management tasks for all City Facilities and operations

City Staff are in the process of reviewing and editing operations manuals as they effect City operations. The City recently amended the Stormwater Pollution Prevention Plans for the Corporation Yard, Wastewater Treatment Plant and the Auburn Municipal Airport.

Goal B: Evaluate need for new documents and create if necessary

City Staff annually reviews the need for new documents. In Year 7, the City has not identified any new documents needed.

## **6-4. Train Staff**

Goal A: Evaluate program feedback to identify training priorities

At a minimum, City Staff annually reviews and evaluates program feedback to identify training priorities for the need to improve procedures.

Goal B: Prepare appropriate material and organize training sessions

The Public Works Maintenance Crew holds weekly Friday morning safety and training meetings. In the fall, the Public Works Crew holds a training meeting on stormwater issues to review BMPs as it relates to the rainy season. The Public Works Engineering Staff organizes an annually training session as it relates to the development review process and BMPs for the rainy season.

Goal C: Conduct annual job-specific municipal procedures and BMP training to involved City employees so that they can perform their role in the program adequately

City employees are annually trained on job-specific procedures and have received BMP training.

#### **6-5. Perform Stream Channel Maintenance/Cleaning**

Goal A: Perform maintenance on selected reaches of Auburn Ravine and Dairy Road Watersheds

The Public Works Construction Inspector along with the Director of Public Works identifies maintenance to be performed on a regular basis and in emergency situation in various watersheds. Maintenance crews or construction crews perform such duties as directed by Public Works staff.

Goal B: BMPs to protect stormwater quality will be used during the cleaning activities

The City implements BMPs while performing cleaning activities.

Goal C: Inspections for detection of any illicit or illegal discharges will be conducted

Watersheds and ditches are regularly inspected by Public Works staff to detect illicit or illegal discharges. Findings are documented with the Public Works and/or Fire Departments.

## Responsible Party Assignments

### Public Education and Outreach on Stormwater Impacts

Bernie Schroeder  
Director of Public Works  
(530) 823-4211  
bschroeder@auburn.ca.gov

Carie Huff, P.E.  
Associate Engineer  
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chuff@auburn.ca.gov

Megan Siren  
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msiren@auburn.ca.gov

Russell Koch  
Engineering Technician  
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rkoch@auburn.ca.gov

### Public Improvement/Participation

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msiren@auburn.ca.gov

Russell Koch  
Engineering Technician  
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rkoch@auburn.ca.gov

### Illicit Discharge Detection and Elimination

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Russell Koch  
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rkoch@auburn.ca.gov

### Construction Site Stormwater Runoff Control

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rkoch@auburn.ca.gov

### Post-Construction Stormwater Management in New Development/Redevelopment

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### Pollution Prevention/Good Housekeeping for Municipal Operations

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rkoch@auburn.ca.gov

## **Information Required By Permit or Committed to by SWMP**

Chapter 6 of the Phase II Stormwater Management Plan gives a list of information to be provided in each annual report. Much of this information is in the previous table and the remainder is discussed below.

### Permit conditions compliance and proposed changes to the SWMP

The majority of the permit goals and deadlines were achieved as outlined in the SMWP.

### Hazmat Responses

The Fire Department responded to four hazmat calls from July 1, 2009 through June 30, 2010 which had a direct impact to the storm drain system.

- July 3, 2009 – Sewer leak: The City of Auburn Police Department, Fire Department and Public Works Department responded to a sewer overflow.
- November 2, 2009 – Unknown substance leak: The City of Auburn Fire Department and Police Department responded to a call regarding a leaking substance behind a gas station.
- November 3, 2009 – Sewer spill: The City of Auburn Fire Department and Public Works Department responded to a call of sewer running from a drain into the creek. The state control number is 09-7387.
- November 15, 2009 – Paint spill: The City of Auburn Fire Department and Public Works Department responded. The paint spill was intercepted and cleaned prior to reaching any waterways. The state control number is 09-7705.

All of the Hazmat call-outs were

The Fire Departments receives over 150 hours of Hazmat Training each year

### Next Year's Activities

The following are the main activities anticipated for program Year 8.

- Distribute flyers to residents via Auburn Placer Disposal Service billings
- Update stormwater link on City Website as needed
- Update Healthy Auburn Waters Website as needed
- Submit articles to periodical
- Produce maps of the Storm Drain system within the City
- Elementary school creek walks in spring
- City staff training
- Development training
- Enforce the Stormwater Ordinance
- Review and Revise Stormwater Ordinance as necessary

- Review BMP's and evaluated effectiveness
- Stencil Storm Drain Inlets
- Inspect residential and commercial construction sites during wet and dry seasons
- Inspect and review procedures and operation manuals at municipal facilities
- Review and Revise Erosion Control Ordinance as necessary
- Continue participation in the Placer Regional Stormwater Coordination Group

Change in persons or entities implementing the SWMP

The City of Auburn has provided the Responsible Party Assignments for each element of the Stormwater Management Program.

## Appendices

Public Works Daily Work Log – Sweeping – January 2010 Sample

Public Works Daily Work Log – Ditch Maintenance – January 2010 Sample

Stormwater Workshop Featuring the New Construction General Permit – October 2009

Healthy Auburn Waters Campaign Website – [www.healthyauburnwaters.org](http://www.healthyauburnwaters.org)

Press Release October 12, 2009 – Rework Landscapes Now to Save Water and Reduce Pesticide Use Next Summer

Fall Is Planting Time – informational flyer

Don't Be a Turkey – informational flyer

Auburn Journal Article April 14, 2010 – City: Keep pesticides out of system

Please be careful with pesticides – informational flyer and banner

Press Release May 18, 2010 – City of Auburn's Creek Walk

Auburn Journal Article May 23, 2010 – Skyridge second-graders learn about healthy water

Household Hazardous Waste & Electronic Waste Drop-Off – October 10<sup>th</sup> and 11<sup>th</sup>, 2009  
Flyer

Free Pharmaceutical Collection Event – September 26, 2009 Flyer

Auburn Community Clean-Up April 24, 2010 – informational flyer

Healthy Auburn Waters (HAW)/Creek Walk Event 2010 Flyer

Healthy Auburn Waters/Creek Walk 2010 Photos

Healthy Auburn Waters Student I Pledge Sheet – example

Construction Handouts – Stormwater Pollution... At Your House/Stormwater in the City  
of Auburn Working for a Cleaner Environment/Stormwater Pollution Prevention

Example of the City of Auburn Website

**CITY OF AUBURN DAILY WORKSHEET**

**DEPARTMENT: PUBLIC WORKS**

ACCOUNT NUMBER 731001

DATE 1/20/10

**CREW:**

1. Kevin Spence
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

TRUCK NUMBER #52

MILEAGE \_\_\_\_\_

GAS \_\_\_\_\_

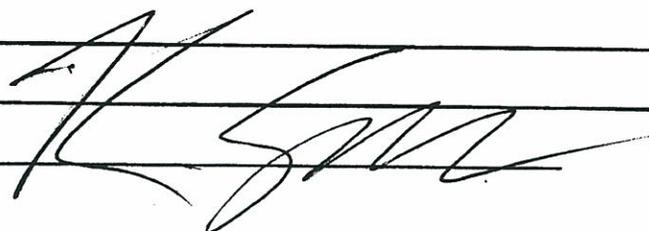
MISC. \_\_\_\_\_

<b><u>DAILY VEHICLE INSPECTION -</u></b>	<b>Checked</b>	<b>Needs Attention</b>		<b>Checked</b>	<b>Needs Attention</b>
<b>Exterior</b>			<b>Interior Equip.</b>		
Windshield	/		Seat Belts	/	
2 Exterior Mirrors	/		First Aid Kit (10 Units)	/	
Rearview Mirror	/		Clean Interior	/	
Windshield Wipers	/		Interior Lights	/	
Windows	/		AC/Heat	/	
Headlights	/		Horn	/	
Turn Signals (Front)	/		Fire Extinguisher Charged & mounted	/	
Brake Lights	/		Insurance Card	/	
Turn Signals (Rear)	/				
Parking Lights/Reverse Lights	/				
Emergency Flashers	/				
Body Damage	/				
Tires	/				

**WORK COMPLETED:**

Wednesday sweeping schedule - Swept downtown & Lower town, Maple, Lincoln, Oakwood, High, Cleveland, Harrington, E. Placer, Finley, Hale, Agard, College, Orange, Olive, Parkside Terrace, Cherry, Tennis, Lewis, Linden, Magnolia, California, Boardman, Sacramento, Washington, Commercial, Vintage Oak Area, Buff, Southridge area, Kidder Ct., Nott, Falcon Point area, Perkin & Burlin Area.

**SIGNATURE:**



**CITY OF AUBURN DAILY WORKSHEET**

**DEPARTMENT: PUBLIC WORKS**

ACCOUNT NUMBER 731005

DATE 1.11.10

**CREW:**  
 1. Andy  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_

TRUCK NUMBER 25  
 MILEAGE 104664  
 GAS \_\_\_\_\_  
 MISC. \_\_\_\_\_

<b>DAILY VEHICLE INSPECTION -</b>	<b>Checked</b>	<b>Needs Attention</b>		<b>Checked</b>	<b>Needs Attention</b>
<b>Exterior</b>			<b>Interior Equip.</b>		
Windshield	/		Seat Belts	/	
2 Exterior Mirrors	/		First Aid Kit	/	
Rearview Mirror	/		Clean Interior	/	
Windshield Wipers	/		Interior Lights	/	
Windows	/		AC/Heat	/	
Headlights	/		Horn	/	
Turn Signals (Front)	/		3 Emergency reflectors/flares	/	
Brake Lights	/		Fire Extinguisher Charged & mounted	/	
Turn Signals (Rear)	/		Insurance Card	/	
Parking Lights/Reverse Lights	/		Accident report form	/	
Emergency Lighting & Flashers	/				
Body Damage	/		All vehicle fluids - brake, tranny, oil	/	
Tires	/				

**WORK COMPLETED:**

Clean debris out of ditch lines : Nevada St.  
Auburn Ravine. Dairy cut up & haul away  
dozen branches Auburn Ravine near Ashford Park.  
Cleaned Storm Drains and culverts in town  
Dug out Drain Boxes on Finley St

**SIGNATURE:** 

## Stormwater Quality Workshop Featuring the NEW CONSTRUCTION GENERAL PERMIT



Date: October 21, 2009  
Time: Doors open at 8:30 Workshop is 9:00 to 11:00 a.m.  
Location: City of Rocklin, 3970 Rocklin Rd., Council Chambers upstairs.

Multiple jurisdictions have partnered together and will be hosting a workshop at the City of Rocklin on October 21<sup>st</sup> with doors opening and sign in at 8:30 a.m. and the presentation starting at 9 a.m.

The California Water Board has recently approved the new state wide construction general permit and its new requirements will become effective July 1, 2010. The permit provides the framework for development and compliance for Storm Water Pollution Preventions Plans (SWPPPs). All sites over 1 acre disturbance are required to get a state construction permit. The new requirements are **significantly different** than the existing requirements. The workshop is designed to provide contractors, planners, engineers, and inspectors with information about the changes to the new construction general permit and answer questions regarding the new requirements. Additional information concerning current Stormwater Quality issues will also be presented.

Jerry Montgomery from Interwest Group will be presenting. Representatives from the Placer County, City of Auburn, Town of Loomis, City of Rocklin, City of Roseville will be present.

There is no cost for this workshop.

**Please RSVP since seating may fill quickly.** Contact Dara Dungworth @ 916-625-5160 [Dara.Dungworth@rocklin.ca.us](mailto:Dara.Dungworth@rocklin.ca.us) or Bill Schell @530-745-7555 [BSchell@placer.ca.gov](mailto:BSchell@placer.ca.gov) for a reservation or any additional information.



Welcome these new businesses!

Landshaping

Pacha Mama's Organic Cafe

**Make THE PLEDGE!** The Healthy Auburn Waters campaign for businesses gives positive recognition for the efforts of local businesses in keeping our waterways healthy and our sewers free from cooking grease and fats. We encourage businesses to help spread the word by making THE PLEDGE to the Principles of Good Stewardship. All businesses who sign up will receive:

1. a Public Service Award with city seal
2. low-tack stickers to adhere to your store window or on vehicles
3. recognition at this website

Sign me up! Read [THE PLEDGE](#) and email us at [info@HealthyAuburnWaters.org](mailto:info@HealthyAuburnWaters.org) to receive your certificate and stickers.

*These businesses have made THE PLEDGE!*

[Auburn Chamber of Commerce](#)

[Placer County Water Agency](#)

A Clear Solution Pool Service & Repair

A Star is Born Preschool

American Body & Frame

Ann's Cleaning Service

Auburn Body Shop

Auburn Discovery Montessori School

[Auburn Printers](#)

BoBo Cafe

Bruce Ulrich DDS, Orthodontics

Classic Aviation

[Companion Vet Clinic](#)

[Computereze Network Specialists](#)

[Cruiser's Carwash](#)

Crystal Clear Pool Cleaning



**Information about Hazardous Waste Disposal for Businesses**  
 Businesses that generate less than 220 pounds or 27 gallons of hazardous waste per month may be able to qualify as Conditionally Exempt Small Quantity Generators (CESQG).

For more information about CESQGs, please call the Placer County Environmental Health Department at (530) 889-7335 and ask for the Hazardous Materials Section.

ECO-BOUQTIQUE

Edgewood Veterinary Clinic, Inc.

Emerald Green Janitorial Service, Inc.

Foothill Clean Sweep

Happy Wok Restaurant

Homecare Plus

Isze's Cafe

Jones Associates

Landshaping

Maki Heating & Air Conditioning, Inc.

Marie Callendar's

Monarch Carpet & Upholstery Care

Nella Oil Company

O'Brien Child Development Center

Old Town Dessert Cafe

Old Town Pizza

Pacha Mama's Organic Cafe

Quick Lube Service Center

Reynold D. Donovan, DDS

Servicenter Radiator & AutoWorks

Sierra Sweeping Service

Skyridge Pharmacy

Startlight Janitorial Services

Stephen A. Taylor, DDS Inc.

[The Artistic Salon](#)

[The Sentinel](#)

[Tsuda's Old Town Eatery](#)

Van Hoesen Trucking

[Yamasaki Landscape Architecture](#)

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## CITY OF AUBURN

Public Works Department

1225 LINCOLN WAY • AUBURN, CA 95603 • PHONE (530) 823-4211 • FAX (530) 885-5508

# NEWS RELEASE

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## Rework Landscapes Now to Save Water and Reduce Pesticide Use Next Summer

*City of Auburn Pushes For a Healthier Environment*

**AUBURN, Calif. — October 12, 2009 —** The City of Auburn encourages residents to rework their landscape this fall to save water and reduce pesticide use next spring and summer. Now that the weather is cooler, it is the perfect time to rework foothill landscapes with waterwise plants and native species.

Xeriscaping is a landscaping strategy with slow-growing, drought tolerant plants to conserve



water and make yard care easier. Xeriscapes use plants

based on the suitability of their location: the amount of rainfall, soil type, temperature, and amount of sunlight.

When the right plants for a location are selected—rather than those picked solely for their appearance— xeriscaping

saves water, saves time, and reduces the chemicals that flow into stormdrains, creeks and rivers.

Even if a completely new landscape is not possible, small changes can make a big difference. Fall is the perfect time to make these changes because the cooler days help new plants to get established before the summer heat.

“This year, the city of Auburn is pushing very hard to reduce the flow of pesticides and chemicals into the storm drains,” said Bernie Schroeder, engineering department manager for the city. “We are asking every resident to look at their landscape and make changes now that will reduce pesticide use and conserve water. Changing a few plants, removing lawns and picking organic fertilizers and pest control methods can go a very long way to improving our environmental health.”

The city encourages residents to adopt the following:

- Replace lawns with hardscape or native grasses that require less water and less fertilizer.
- Replace water-thirsty plants with drought-tolerant varieties like sages, grasses and other herbs.
- Switch to biological pest control methods and natural fertilizers. There are many new options available at nurseries and garden/hardware stores.
- Never apply pesticides when rain is imminent.
- Take old containers of chemicals to WPWMA ( [www.wpwma.com](http://www.wpwma.com) ).

Visit the nursery, shop online or talk with the Master Gardeners (530)-889-7388 and the U.C.

Cooperative Extension for more information about xeriscaping and water-wise landscapes. There is

additional information and resources on the city of Auburn's Healthy Auburn Waters website

[www.HealthyAuburnWaters.org](http://www.HealthyAuburnWaters.org).

#### **About the Healthy Auburn Waters Campaign**

*The Healthy Auburn Waters campaign—sponsored by the City of Auburn—is a public education program that teaches residents and businesses how to properly dispose of chemicals; pesticides; cooking fats, oils and grease; motor oil, medications and fuel. The Healthy Auburn Waters campaign seeks to protect Auburn waterways for the people and wildlife that live in our area. For more information, visit [www.HealthyAuburnWaters.org](http://www.HealthyAuburnWaters.org).*

###

**Media Contact:** Jennifer Harrison, for the City of Auburn: 916-716-0636 or [jennifer@jharrisonpr.com](mailto:jennifer@jharrisonpr.com)

*Note: High-resolution images of xeriscapes available upon request. Please give photo credits to Landshaping ([www.landshaping.com](http://www.landshaping.com)).*



# Fall Is Planting Time!



With cooler temperatures, now is the time to rework your landscape with water-wise plants. You'll save water, save time, and reduce the chemicals that flow into stormdrains, creeks and rivers.

 Replace lawns with hardscape or native grasses that require less water and less fertilizer.

 Replace water-thirsty plants with drought-tolerant varieties. Try sages, grasses and other herbs.

 Reduce or eliminate the use of chemicals and switch to biological control methods and natural fertilizers.

 Visit the nursery or call Placer County Master Gardeners at (530) 889-7388 for more information about xeriscaping.

Visit [www.HealthyAuburnWaters.org](http://www.HealthyAuburnWaters.org) for more information and links.

Brought to you by the City of Auburn and the Healthy Auburn Waters campaign.



**HEALTHY  
AUBURN  
WATERS**

Photo courtesy of Landshaping [www.landshaping.com](http://www.landshaping.com)

# DON'T BE A TURKEY!

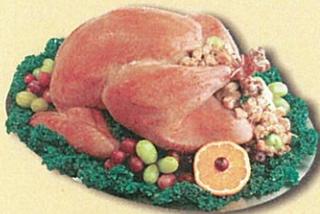


## DISPOSE OF KITCHEN GREASE PROPERLY.

Fats, oils and grease (also known as FOG) clog sewer pipes and contribute to sewer overflow events. You can help keep our waterways clean by keeping FOG out of your sink drain so that pipes do not backup and overflow.

- Pour oil and grease into a collection container, not down the drain.
- Scrape food scraps directly into the trash. Avoid using your garbage disposal.
- Wipe or skim oil and fat from dishes, pots and pans before washing.
- Catch food scraps in a sink basket and discard in the trash.
- Soak up excess grease with paper towels and discard in the trash.
- Treat large quantities of FOG (more than one quart) as hazardous waste and take it to WPWMA for proper disposal.

### ARE YOU FRYING A TURKEY FOR THE HOLIDAYS?



- Don't pour the oil down the drain!!
- Collect cooled oil and seal it in a sturdy container. Recycle the cooled oil or take it to WPWMA for proper disposal!
- Some restaurants *may* be willing to recycle oil for a small fee.



Learn more at [www.HealthyAuburnWaters.org](http://www.HealthyAuburnWaters.org).

*Brought to you by the City of Auburn Public Works Department.*

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## City: Keep pesticides out of system

### Banned chemical still shows up in water samples

By Jenifer Gee Journal News Editor



Courtesy

Auburn City Engineer Bernie Schroeder collects water samples from Auburn Ravine. Schroeder said a harmful and banned pesticide called Diazinon still shows up in the stream. Schroeder said she hopes residents will stop using the chemical and properly dispose of pesticides.

recently in May 2009.

If a tablespoon of the chemical were poured into an Olympic size pool, it would be detectable and a violation, Schroeder said.

The chemical's other trade names include Basudin, Dazzel, Gardentox, Kayazol, Knox Out, Nucidol, and Spectracide.

Ultimately, Schroeder said the chemical could damage aquatic life in Auburn Ravine, where plant water is discharged. Also, when a "hit" shows up in a treatment plant sample, the city is fined a minimum of \$3,000, Schroeder said.

"We want to remind residents how to property mix, apply and dispose of pesticides to keep these products out of the rivers and creeks," Schroeder said. "We all need to work on keeping the environment healthy for future generations."

Jenifer Gee can be reached at [jeniferg@goldcountrymedia.com](mailto:jeniferg@goldcountrymedia.com).

Auburn city officials are putting a harmful pesticide on the watch list.

"Diazinon was banned in 2004," said Bernie Schroeder, manager of the city of Auburn's engineering division said.

However, some homeowners still have the chemical from pre-2004-ban purchases, Schroeder said.

"A lot of people don't realize Diazinon is as harmful as it is," Schroeder said.

This spring, the city is continuing its Healthy Auburn Waters campaign to let residents know how they can properly care for this garden and how the safest way to dispose of pesticides and other yard-related chemicals.

Schroeder said despite the ban, the chemical still shows up in wastewater treatment plant samples and has been detected three times since 2005 and most

# Please be careful with pesticides!



Take extra care this spring to mix, apply and dispose of the chemicals you use around your home and business.

Pesticides poured into sink drains eventually get into our waterways. The animals, plants and humans who live here suffer when we are careless! Take a few extra steps to keep Auburn healthy and beautiful for everyone.



Brought to you by the City of Auburn and the Healthy Auburn Waters campaign.

- Use pesticides sparingly and be sure to properly mix and apply.
- Do not apply pesticides when rain is imminent.
- Do not pour unused pesticides down the drain, into the gutter or onto the soil.
- Treat unused pesticides as hazardous waste and take to WPWMA for disposal.
- Consider using alternative control methods that are less toxic.

Visit [www.HealthyAuburnWaters.org](http://www.HealthyAuburnWaters.org) for information about proper use of pesticides, safe disposal, and least-toxic pest control methods.

# Be Careful With Pesticides!



Brought to you by the City of Auburn

[www.HealthyAuburnWaters.org](http://www.HealthyAuburnWaters.org)

# Be Careful With Pesticides!



Brought to you by the City of Auburn

[www.HealthyAuburnWaters.org](http://www.HealthyAuburnWaters.org)



## **CITY OF AUBURN**

Public Works Department

1225 LINCOLN WAY • AUBURN, CA 95603 • PHONE (530) 823-4211 • FAX (530) 885-5508

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May 18, 2010

Contact: Megan Siren

530.823.4211 x 145 or [msiren@auburn.ca.gov](mailto:msiren@auburn.ca.gov)

For Immediate Release

### **City of Auburn's Creek Walk**

The City of Auburn Public Works Department is sponsoring the Annual Creek Walk for Skyridge 2<sup>nd</sup> grade students as part of our ongoing Healthy Auburn Waters campaign. Placer County Water Agency is also participating in this year's event. This event is scheduled for May 21, 2010 at the Auburn School Park Preserve in downtown Auburn. This event will help illustrate the concept that everyone can play a role in protecting our waterways, preventing water pollution and conserving water.

Students will not only pick up litter, they will also learn about actions they can take in the future to make a difference in their community, such as recycling, storm water and wastewater pollution prevention and water conservation. This event is part of the City's Healthy Auburn Waters campaign which encourages City residents to take ownership of their communities and to help reduce storm water pollution by changing their polluting behaviors. "By making smarter choices, consuming less, properly disposing of hazardous waste and reusing and recycling, each of us can contribute to a healthier and more sustainable environment," says Megan Siren, City of Auburn Department of Public Works.

The California Water Boards have made reducing storm water pollution in the State a top priority. Not only is it a great danger to water quality, it also poses significant threats to the public's health and natural resources. With the large population in California, even small, individual actions to reduce storm water pollution can add up to big changes. "We're asking everyone to do their part to protect our community, its water quality and the local environment", said Mayor Bridget Powers.

Every month, hundreds of thousands of Californians drop cigarette butts in streets, parks and playgrounds; toss trash on the ground; and dog owners fail to pick up their dog's droppings. These actions all lead to storm water pollution. While on the ground, these contaminants make our neighborhoods look dirty and once it passes into our waterways, the water becomes polluted, threatening natural resources.

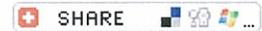
Among other tips, the campaign encourages residents to: recycle, throw trash in a trash can; use pesticides and fertilizers conservatively; recycle their used motor oil; join or organize a community or streamside clean up. For more information log on to [www.healthyauburnwaters.org](http://www.healthyauburnwaters.org).

## About the Healthy Auburn Waters Campaign

The Healthy Auburn Waters campaign -- sponsored by the City of Auburn — is a public education program that teaches residents how to properly dispose of chemicals; pesticides; cooking fats, oils and grease; and motor oil and fuel. Residents should not dump any of these items down their sink drain, into the toilet or down the storm drains. The Healthy Auburn Waters campaign seeks to protect Auburn waterways and save money that would need to be spent in upgrading the Auburn Wastewater Treatment Plant. For more information, visit [www.HealthyAuburnWaters.org](http://www.HealthyAuburnWaters.org).

Photos of the event will be available after the event.

##

[PRINT THIS](#) · [CLOSE WINDOW](#)5/23/10 | [1 comment](#) | [264 views](#)

## Skyridge second-graders learn about healthy water

Second-graders will learn about healthy environments and waterways today.

Students from Skyridge Elementary and Placer County Water Agency officials are participating in the City of Auburn's annual Creek Walk, which is being held from 9:15 a.m. to 11 a.m. in Auburn School Park Preserve in Downtown Auburn.

The event is part of the Healthy Auburn Waters campaign.

Students will pick up litter and learn about recycling, storm-water and wastewater pollution prevention and water conservation, according to Megan Siren of the Auburn Public Works Department.

"By making smarter choices, consuming less, properly disposing of hazardous waste and reusing and recycling, each of us can contribute to a healthier and more sustainable environment," Siren said.

Reducing storm-water pollution is a top priority in California, according to the Public Works Department.

The Healthy Auburn Waters campaign focuses on encouraging community members to recycle, throw trash in a trash can, use pesticides and fertilizers conservatively, recycle their used motor oil and join or organize a community or streamside clean up, according to the Public Works Department.

Auburn Mayor Bridget Powers said every citizen should work to keep their environments clean and safe.

"We're asking everyone to do their part to protect our community, its water quality and the local environment", said Mayor Bridget Powers.

For more information on Healthy Auburn Waters visit [www.healthyauburnwaters.org](http://www.healthyauburnwaters.org)

~Staff report

# FREE Household Hazardous Waste & Electronic Waste Drop-Off

Sat & Sun ▪ October 10 & 11 ▪ Auburn

## Who:

For residents and businesses\* of Placer County only; I.D. required

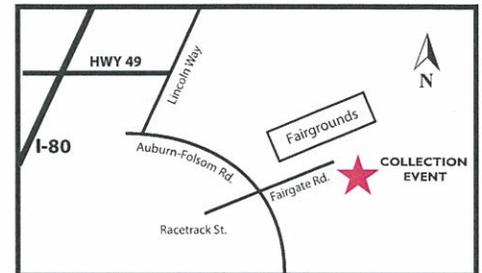
## When:

Saturday & Sunday  
 October 10 & 11, 2009  
 9am - 3pm - residents  
 3pm - 4pm - businesses\*

## Where:

Gold Country Fairgrounds, Auburn  
 Sacramento Street Parking Lot  
 Auburn-Folsom Road at Fairgate

\* Saturday ONLY. Fees apply to businesses.  
 Businesses must call 1-800-207-8222 at least 24 hours in advance for an appointment.



## Acceptable HHW: Maximum 15 gallons OR 125 pounds per vehicle

- compressed gas cylinders up to 5 gallons
- fluorescent tubes & lamps
- used motor oil & filters
- other automotive fluids
- household cleaners
- pesticides & herbicides
- vehicle and small household batteries



- paints, strippers, thinners & varnishes
- gasoline/kerosene & other flammables
- sharps (syringes & lancets), properly contained
- unused medications (no controlled substances)
- most products labeled flammable, poison, etc.
- visit [WPWMA.com](http://WPWMA.com) or call for a complete list



## Acceptable E-waste:

- |                      |                            |                            |
|----------------------|----------------------------|----------------------------|
| ■ TVs & VCRs         | ■ CD/DVD players           | ■ PDAs                     |
| ■ computer monitors  | ■ radios & stereos         | ■ office & video equipment |
| ■ CPUs & peripherals | ■ telephones & cell phones | ■ answering machines       |



## Unacceptable Items:

- no medical waste (except sharps & meds)
- no ammunition or explosives
- no radioactive materials or PCBs
- no compressed gas cylinders larger than 5 gal.
- no tires
- no refrigerators or other appliances

## Sponsored By:



**WESTERN PLACER**  
 WASTE MANAGEMENT AUTHORITY

## Permanent HHW Collection Facility:

3033 Fiddymt Rd., Roseville (entrance on Athens Ave.)  
 Open every day, 8:00 a.m. to 5:00 p.m.

## Transporting Tips & Techniques:

- Keep products in their original, tightly-sealed containers, if possible.
- Label materials not in their original containers.
- Place leaking containers in tightly-sealed, labeled plastic containers.
- Do not mix materials in the same container.
- Sort products by type to avoid dangerous chemical reactions.
- Pack containers upright in cardboard or plastic containers.
- Secure in the trunk of your car or bed of your truck.

The Permanent HHW Collection Facility is free to Placer County residents only.

## Contact us for more information:

**(916) 543-3960**

**WPWMA.com**



Partially funded by a grant from the California Integrated Waste Management Board.

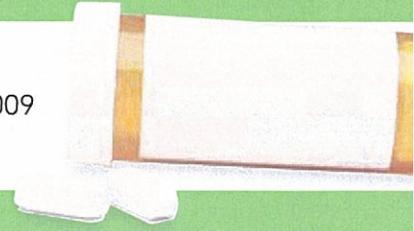
# Free Pharmaceutical Drop-Off Roseville/Auburn Sept. 26<sup>th</sup>

## Who:

For residents of Placer County only;  
I.D. required

## When:

Saturday, September 26, 2009  
10:00 a.m. to 2:00 p.m.



## Acceptable

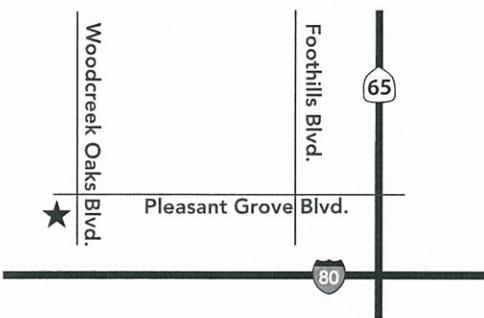
- non-prescription
- prescription (remove personal info.)
- controlled substances

## Unacceptable

- no sharps or lancets
- no medical waste

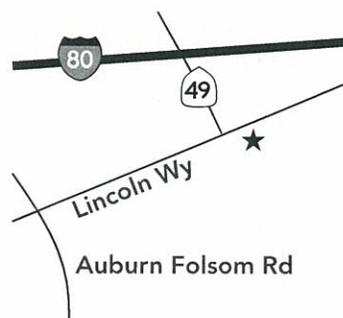
## Roseville

Sports Center parking lot at  
1501 Pleasant Grove Blvd., Roseville



## Auburn / Placer County

Auburn City Hall parking lot at  
1225 Lincoln Way, Auburn



## Permanent Collection Facility:

Pharmaceuticals and sharps can be  
disposed of for free everyday at:

### Western Placer Waste Management Authority

3033 Fiddymnt Rd., Roseville  
(entrance on Athens Ave.)

Open every day, 8:00 a.m. to 5:00 p.m.



## Why:

- Unused and expired pharmaceuticals should never be thrown in the trash or dumped down a toilet. Disposing of them these ways can pollute our waterways, damage the environment and cause defects in fish and amphibians.
- Unused Pharmaceuticals can also end up in the wrong hands.

## Sponsored By:



Placer  
County



printed on recycled paper

Contact us for more information:  
(530) 889-6846

OneBigBin.com

Help Protect Our Planet, One Town at a Time



Sierra Club Placer Group

2010 Earth Day of Service

# Auburn Community Clean-Up

Saturday, April 24, 2010  
10 a.m. to noon

Join family, friends and neighbors in small work teams  
to pick up trash and clean up Auburn.  
Please bring gloves. We provide the rest.

City Hall Parking Lot at  
1225 Lincoln Way, Auburn, CA

*Thank you to sponsor Aveda EC Roseville Galleria  
and to the City of Auburn Public Works Department.*



Heavy rain cancels this event. Rain date: May 1  
Heidi Van Zant/Joe Marman: 530.889.9392 or [sierra2@jps.net](mailto:sierra2@jps.net)  
[www.motherlode.sierraclub.org/placer](http://www.motherlode.sierraclub.org/placer)

EXPLORE, ENJOY AND PROTECT THE PLANET



**Earth Day Every Day**

# HEALTHY AUBURN WATERS EVENT 2010

## Keep Auburn Clean and Green

*Keep Storm Drains Clean*

Reduce • Reuse • Recycle

**May 21, 2010 from 8:50 a.m. – 11:00 a.m.**

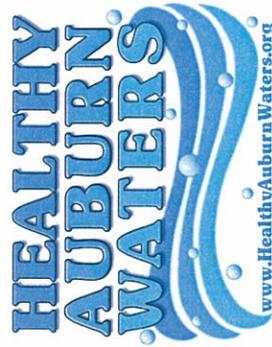
In promotion of keeping our City clean and green the City of Auburn is sponsoring a Healthy Auburn Waters Event for Skyridge 2<sup>nd</sup> grade students. The Event will teach the children about Stormwater, Recycling, Wastewater Treatment Process, Water Conservation and how to keep our Ravines and Creeks clean.

Children will be transported from Skyridge School by Auburn Transit to the Auburn School Park Preserve near City Hall. The students will pick up recyclables (aluminum cans, plastic soda bottles, etc) and litter around the Park using Orang-U-Tongs (litter pick up sticks) and rotate through four stations to learn about recycling/littering, stormwater, wastewater treatment process and water efficiency/conservation. We will also conduct a water test on water collected from the ravine, to see what, if any, contaminants are present in our local waterways.

While at the Event each child will wear a lime green shirt for safety reasons (provided by the City). At the end of the walk the children will receive a goody bag, information from our presentation and a healthy snack/drink.

City staff and teachers from Skyridge School will be in attendance for the child/student ratio, however if you are interested in participating, please contact your child's teacher directly.

If you have any questions please feel free to contact the City of Auburn at  
(530) 823-4211 - Megan Siren at extension 145.



Parent Handout-Skyridge Group

# City of Auburn

## Healthy Auburn Waters Creek Walk ~ Skyridge Elementary School

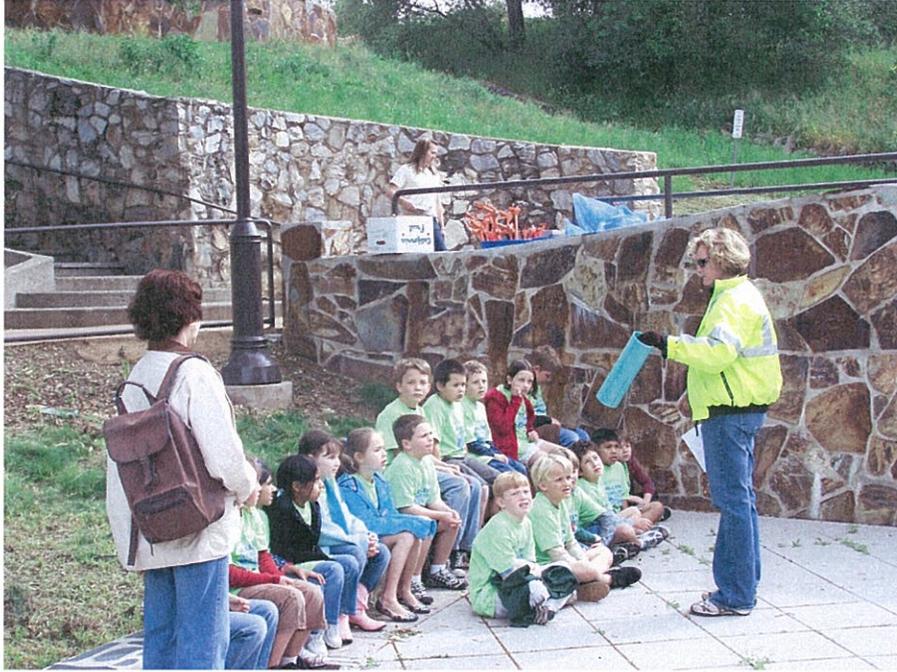
May 21, 2010



# City of Auburn

## Healthy Auburn Waters Creek Walk ~ Skyridge Elementary School

May 21, 2010

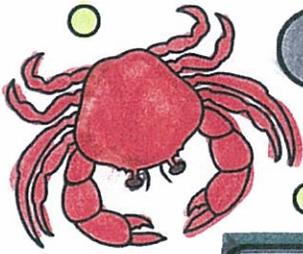


# City of Auburn

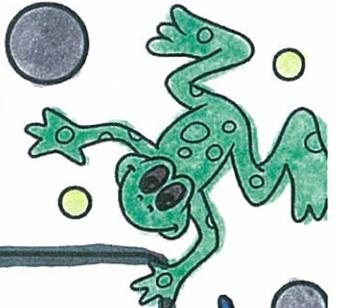
## Healthy Auburn Waters Creek Walk ~ Skyridge Elementary School

May 21, 2010





# I PLEDGE!



***I Pledge!*** to keep the rivers and creeks in Auburn healthy and that I will be a good steward of the environment for my future, my family's and all the living creatures who live in our community.

- ◆ I know that cooking fat, oil and grease (FOG) can clog sink drains so I won't pour them into the sink.
- ◆ I will recycle whatever I can and reuse items whenever possible.
- ◆ I know that chemicals are dangerous and they should not be poured down the drain or into the toilet.
- ◆ I know that medications should only be handled by an adult and they should never be thrown down the toilet or into the sink.
- ◆ I will do my best to conserve water.
- ◆ I will not throw trash or chemicals into the gutter or into the storm drain.

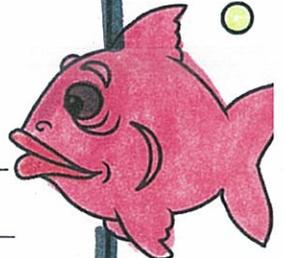
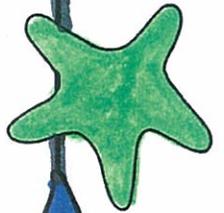
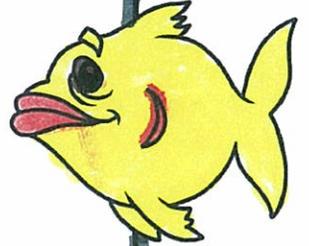
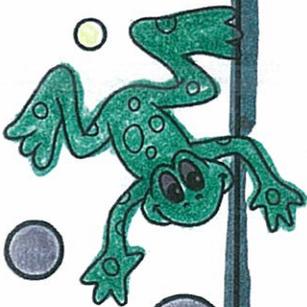
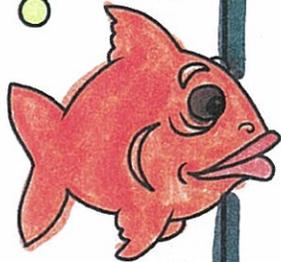
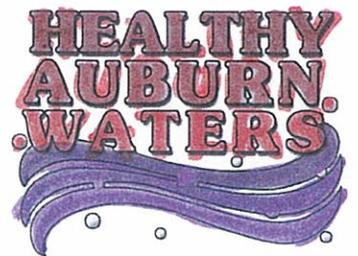
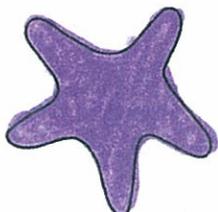
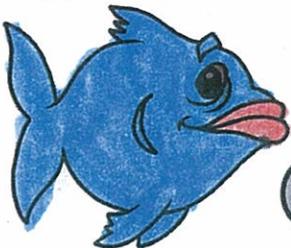
Return this form to the City of Auburn and earn a special ***iPledge!*** Badge.

Your Name: Hannah Trabakoulas

Your Teacher's Name: Ms. Garcia

Your School: Skylridge Elementary School

[www.HealthyAuburnWaters.org](http://www.HealthyAuburnWaters.org)



# Stormwater Pollution .... At Your House

What you can do:

## Washing your car

Use minimal amounts of biodegradable phosphate free soap. Wash your car on a grass or gravel area. Put a spray nozzle on your hose to conserve water. Empty any remaining soapy water into a toilet or sink.

## Painting your house

Choose water based paints over more toxic oil based paints. Use up all the paint before disposing of the can. Let any residual paint air dry in the can then throw it in the garbage. Rinse your latex paint brushes in the sink.

## Caring for your pets

Pick up pet waste. Bag it and throw it away in your garbage.

## Watering your lawn

Apply lawn fertilizers and pesticides sparingly to reduce runoff. Use non-toxic pest controls such as insecticidal soaps or ladybugs for aphids. Use grass clippings as a compost for your lawn.

## Cleaning your driveway

Use an absorbent like kitty litter or sand to soak up oil and antifreeze spills. Sweep the mixture up. Bag it and throw it in the garbage. Never hose pollutants down your driveway.

## Draining your pool

To obtain approval to discharge your pool water, call the City at (530)823-4211

City of Auburn



The City of Auburn Stormwater Management Program is committed to protecting our creeks and streams by involving and educating our residents in Stormwater pollution prevention.



Stormwater pollution comes from many sources. Rain or over-watering can carry pollutants like waste oil, pesticides, paint, and pet waste down the gutter and into a storm drain. Unlike sinks and toilets, storm drains flow directly to creeks and streams. Pollutants are carried into our waterways without treatment. This contaminates the water we drink and play in, and can also harm wildlife.

....

To report unauthorized discharges, call  
(530)-823-4237.

For other information,  
contact (530)823-4211 or  
[www.auburn.ca.gov](http://www.auburn.ca.gov)



# Polución de Agua Lluvia.... en su Hogar

Lo que puede hacer:

El Programa Del Manejo De Agua De Lluvia  
The City of Auburn está comedido a proteger a  
nuestros arroyos y río. Este compromiso  
requiere educar a nuestros residentes en la  
prevención de contaminantes en nuestras agus  
de lluvia.

## Lavando su automóvil

Use, en cantidades mínimas, jabón biodegradable libre de fosfatos. Lave su automóvil en una area de pasto o grava. Póngale una lanza a su manguera para conservar agua. Vacie el bote de agua con jabón en el gregadero o taza de baño.

## Pinturas

Escoja pinturas de base de agua sobre pinturas tóxicas de base de acéite. Use toda la pintura o deje secar la pintura o dege secar la pintura antes de tirar el bote en la basura. Enjuague las brochas de pintar en el fregadero.

## El Ciudadado de animales caseros

Levant los excrementos, póngalos en una bolsa, y tírelos en las basura.

## Irrigación del pasto

Aplice fertilizantes y pesticidas en cantidades mínimas. Trate de usa productos menos tóxicos para controlar los insectos como el uso de insecticida de jabón. Trate de usar el pasto que corta como abono en vez de tirarlo en la basura.

## Limpiando su paviamento

Use un absorbente seco como arena para levantar liquidos derramados, como aceite y anticongelante. Barra el absorbente con los liquidos, póngalo en una bolsa, y tírelo en la basura. Nunca use agua para limpiar los liquidos derramados.

## Desaguar su piscina

Para obtener la aprobación para descargar el agua de su piscina, (530)823-4211



La polución de agua de lluvia tiene varios orígenes. La lluvia e irrigación puede tranportar aceite, pesticidas, pintura, y excrementos de animales a los canales de desagüe desenbican directamente a nuestros arroyos y ríos.

Contaminantes se transportan por nuestras vías de agua sin tratamiento. Ésto contamina el agua que jugamos, y dañ a el ambiente.

....

**Para reportar  
descargas no  
autorizadas, llame  
(530)-823-4237.**

**Para otra información,  
llame (530)823-4211 o  
[www.auburn.ca.gov](http://www.auburn.ca.gov)**

# Stormwater in the City of Auburn Working for a Cleaner Environment



## What's Down That Dark Drain?

Do you ever wonder what kind of "stuff" goes down those metal grates

on street corners? Or, where that mysterious dark drain leads to?



When it rains or when you hose off your driveway or sidewalk, the water runs down gutters or storm drains.

These drains connect to underground pipes which lead right to creeks and rivers. But a lot of other stuff, most of it toxic,



washes into storm drains. Like motor oil and

anti-freeze from leaky cars,



trash, weed & bug

killers, paint,



and other household toxic's. Yuck!

We call it Stormwater Pollution. Some people don't know that



stormwater pollution can hurt fish, birds, and critters that

live in our creeks and rivers. But you and your family can help stop it!

## For more information please call:

City of Auburn  
Public Works Department  
1225 Lincoln Way  
Auburn, CA 95603  
(530) 823-4211  
[www.auburn.ca.gov](http://www.auburn.ca.gov)



# WHAT CAN YOU DO?

*Tell your parents, teachers, friends, and relatives that you want to protect the Sacramento and American rivers! Here are some things you and your family can do to prevent stormwater pollution:*



## At Home

- Wash cars infrequently. Use biodegradable soap and a pistol grip nozzle on your hose or use a commercial car wash facility, they usually recycle the water and it never goes to the storm drain.
- Recycle used motor oil and anti-freeze.
- Once a month, remind your family to bring leftover toxic materials such as paint, cleaners, and pesticides to a household hazardous waste collection site. (Material Recovery Facility - 3033 Fiddymment Road, Roseville (916) 645-5230)



## At School

- Use water-based paints and wash up inside the classroom!
- Start a recycling center for paper, glass, and cans.
- Always put trash in trash cans — never in the street!
- Ride your bike or the bus, or car pool with a friend. When it rains, air pollution turns into water pollution.
- Stencil a Storm Drain!



## Outdoors

- Remind your parents not to apply fertilizer, pesticides, or weed killers if rain is forecast!
- If you see oil on your driveway, use kitty litter to soak up liquids, then sweep it up and throw it in the trash can.
- Use your pooper scooper for your pet, and put poop in the trash.



## Let others know about protecting our waterways.

- The City of Auburn will provide everything you need to stencil a storm drain in your neighborhood with the "No Dumping" stencil.
- It's a great project for a neighborhood, school class or community group.
- For more information please call:

City of Auburn, Public Works Department  
1225 Lincoln Way,  
Auburn, CA 95603  
(530) 823-4211

## THERE IS A DIFFERENCE BETWEEN

**YOUR SINK DRAIN AND THE STORM DRAIN...**  
The Sanitary Sewer System, connected to your sinks, toilet and floor drains, collects and treats wastewater prior to releasing it back into the environment.

The Storm Drainage System, found in streets, parking lots, and roadside ditches, drains directly to local waterways with no treatment.

### **Remember:**

- Pollutants left open to the environment wash directly into the storm drainage system.
- Allowing pollutants to enter the storm drainage system harms the environment and is also illegal.

### **Employee Training**

- Train all employees upon hiring and each year thereafter.
- Post these Best Management Practices where employees can see them.
- Mark storm drain openings with a message that discourages illegal dumping, such as "No dumping! Flows to Creek".



## FOR MORE INFORMATION

### **Cities**

- City of Auburn Public Works  
530-823-4211
- City of Lincoln Public Works  
916-645-8576
- Town of Loomis Public Works  
916-652-1840
- City of Rocklin Public Works  
916-625-5500
- City of Roseville Environmental Utilities  
916-774-5751

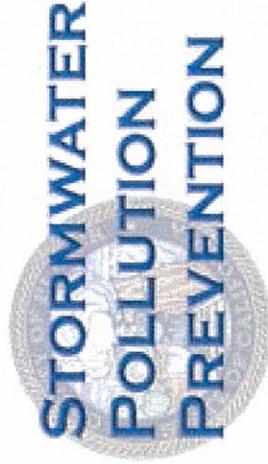
### **Placer County**

- Environmental Health/Food Facility Inspections  
530-745-2300
  - Department of Public Works Stormwater Quality Program  
11444 B Avenue  
DeWitt Center  
Auburn CA 95603  
530-889-7500
- [stormwater@placer.ca.gov](mailto:stormwater@placer.ca.gov)  
<http://www.placer.ca.gov/works/stormwtrmgmt/stormwtr.htm>

Sponsored by Placer County and the Placer Regional Stormwater Coordination Group



Printed on 100% Recycled Paper  
November 2004



For the Food Service Industry in Placer County

Bakeries  
Cafeterias  
Restaurants  
Grocery Stores  
Food Distributors  
Food Producers  
Delicatessens



## Clean Stormwater is Important to All of Us

In recent years, federal and state regulations have been created to protect stormwater quality by requiring local jurisdictions to implement stormwater management programs. These programs must include educational outreach to inform the public and businesses of the effects of their activities on stormwater quality. Local ordinances are being put into place to prohibit the disposal of anything except clean rainwater into storm drainage systems.

The Food Service Industry can introduce pollutants to stormwater runoff that drains to lakes, rivers, and streams. It is essential that your business take the necessary steps, using the Best Management Practices described in this brochure, to prevent pollutants from entering the storm drainage system.



## Best Management Practices

### Grease and Oil

- Collect grease and oil in covered leak-free bins. Schedule regular pickups with your local rendering service.
- Never dump grease, oil, sauces, or fats into the sink drain, storm drain, or dumpster. Dumping oil or grease down the sink can cause severe blockages in the sewer.

### Landscaping

- Minimize use of pesticides and fertilizers. Do not apply in wet weather or allow irrigation to run off.
- Do not blow, rake, or sweep landscape wastes into the street or gutter.

### Wash Water

- Sweep, vacuum, or mop outdoor areas instead of hosing or pressure washing. Sweep or vacuum parking lots and drive thru areas regularly.
- Clean equipment under cover and in a contained runoff area. Be sure to use a mop sink that drains to the sanitary sewer when washing equipment.
- Use an approved contract service to clean large kitchen floor mats.
- Never pour wash water outside.

### Food Waste



- Wrap food wastes in plastic bags and place them in the dumpster.
- Meat fat should be collected in a covered, leak-free tallow bin.

### Dumpster Waste

- Provide a containment area for your dumpster that prevents wind and rain from transporting loose trash or liquids to the storm drain.
- Replace leaky dumpsters. Keep dumpster lid closed when not in use.
- Avoid overfilling dumpster by scheduling regular service pick-ups.



### Spills

- Train employees to properly clean up spills.
- Keep clean up materials such as rags, cat litter, and other absorbents handy and accessible. Sweep up or absorb the spill, bag the waste, and place in dumpster.
- Store cleaning fluids indoors so leaks and spills can't reach the storm drain.



*Engineering*

BUSINESS » RESIDENTS » SERVICES » VISITORS »

**Public Works**  
**City Construction & Maintenance**  
**Engineering**  
**Recycle Programs**  
**Sewer Services**

The Administration & Engineering Division contains the Public Works management team as well the engineering section. The Engineering section plans, develops and oversees the construction of public facilities, roadways and Capital Improvements for city projects. The engineering section oversees private Land Development reviews for projects within the City as well as the Stormwater Management Plan.

**Transit**

Public Works is responsible for the issuance of the following:

City Hall  
 1225 Lincoln Way  
 Auburn, CA 95603

- Encroachment Permit
- Street Banners
- Transportation Permit
- Grading Permit
- Certificate of Compliance
- Minor Boundary Line Adjustments

Business Hours

M-F 8-5

(Effective July 1, 2009- The

Public Services Counter will close at 1PM daily)

Closed Holidays

The Engineering Division also oversees Solid Waste Management and Recycling.

**Stormwater Management Plan**

Main Number

(530) 823-4211

The City of Auburn has developed a stormwater management program to maintain compliance with state and federal regulations. Under the stormwater management program, the City will educate and involve the community in stormwater pollution prevention, regulate stormwater run-off from construction sites, investigate non-stormwater discharges and reduce non-stormwater run-off from municipal operations. The stormwater management program is managed by the Public Works Department.

Stormwater Management Plan (pdf, 681 KB)

Stormwater Management Plan Annual Reports:

2009 Annual Report (pdf, Zipped 16.MB)

**Report any unauthorized stormwater discharges please call 530-823-4237 or email [info@healthyauburnwaters.org](mailto:info@healthyauburnwaters.org).**

**Land Development Review**

Parcel Map or Final Map Review and Approval

When submitting a final or parcel map the applicant must include the following items:

- Three copies of map
- Closure calculations
- Current preliminary title report (issued within the last six months)
- Copy of grant deed(s) and/or parcel maps, final maps, or records of survey's for adjacent properties

Fees:

- Final map (five or more parcels or condominium units) - \$1,050.00 plus \$21.00 per lot or unit
- Parcel map (four or less parcels) - \$368.00 = \$26.00 per parcel

Once the final or parcel map has been reviewed and accepted as correct by the City Engineer, the Public Works Department will prepare a staff report to City Council for approval of the map. Prior to the Public Works Department scheduling the final or parcel map for City Council approval, all fees must be paid, bonds posted, and subdivision agreement signed. Once the City Council has approved the final or parcel map, the City Clerk and City Engineer will sign the map, and the map will then be forwarded on to the Placer County Recorder's Office. Once the map is with the county, the developer must make arrangements to get the tax certificate to the Clerk of the Board (at Fulweiler Avenue). In addition, the developer must pay the recording fees to Placer County Recorder's Office.

#### **Improvement Plan Review**

When submitting subdivision improvement plans to the Public Works Department, the following items must be included:

- Six sets of improvement plans for distribution to other city departments
- Any special studies required by the Planning Commission i.e., geotechnical reports, traffic or drainage studies, and sewer pump station design
- Plan check review fee of \$500.00 plus \$50.00 per lot (deposit toward actual costs)

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#### **Commercial and Industrial Site Improvement Plans**

The following items must be submitted for review and approval prior to the Building Permit being issued:

- Four copies of site improvement plans showing all improvements required by the Planning Commission, i.e. sewer, water, utilities, grading, drainage, and off-site improvements
- Two copies of the geotechnical report, engineer's estimates, and storm drainage analysis, including calculations
- Plan check review fee of \$200.00 deposit. Additional monies may be required depending on time spent reviewing project.

#### **New Subdivision Improvement Plans**

When submitting subdivision improvement plans to the Public Works Department, the following items must be included:

Six sets of improvement plans for distribution to these departments:

Fire Department

Community Development Department

Placer County Flood Control and Water

Conservation District (if applicable)

OMI (Waste Water Treatment Plant to

review sewer systems)

Public Works Department staff including  
inspector and superintendent

- Any special studies required by the Planning Commission
- Geotechnical reports, traffic or drainage studies, and pump station design. Refer to conditions of approval for the particular project. Copies of conditions of approval are available from the Community Development Department.

The drainage study should:

- Discuss the downstream impacts due to additional flow discharged from the new subdivision
  - Show hydraulic grade line calculations for the proposed storm lines
- Review existing storm drainage system to make sure it is capable of carrying additional flow
  - Plan check review fee of \$500.00 plus \$50.00 per lot (deposit toward actual costs)

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#### **City Design and Construction Standards**

You can pick up the City of Auburn Standard Specifications at:

City Hall  
Customer Service Counter  
1225 Lincoln Way, Room 3  
Auburn, CA 95603

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