



Janice K. Brewer
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Henry R. Darwin
Director

October 17, 2013

Michael Todnem, P.E.
Stormwater Engineer/Manager
Town of Oro Valley
680 W. Calle Concordia
Oro Valley, AZ 85737

Re: Town of Oro Valley 2012/2013 Annual Stormwater Report

Mr. Todnem,

The Arizona Department of Environmental Quality (ADEQ) has reviewed the Town of Oro Valley's 2012/2013 Annual Report for the period of July 1, 2012 through June 30, 2013 which was received by ADEQ on October 10, 2013. The Town of Oro Valley's Annual Report substantially complies with the Arizona Pollution Discharge Elimination System General Permit for Discharge from Small Municipal Separate Storm Sewer System to Waters of the United States (Permit No. AZG2002-002). Please continue to implement and update the SWMP as required by the permit.

The Department appreciates the Town's effort in helping protect our environment and looks forward to working with the Town throughout the permit implementation in an effort to better achieve program objectives. Please contact me if you have any questions regarding the Phase II MS4 Program by phone at (602)771-4449, or by email to eed@azdeq.gov.

Sincerely,

Eileen Dunn
Stormwater and General Permits Unit
Surface Water Section

Cc: Mindi Cross, ADEQ, via email
Jerry Helton, ADEQ, via email

SWG13: 069

Southern Regional Office
400 West Congress Street • Suite 433 • Tucson, AZ 85701
(520) 628-6733

Printed on recycled paper

Small MS4 Annual Report Form

A. General Information

Name of MS4: Town of Oro Valley, Stormwater Utility., 680 W. Calle Concordia., Oro Valley, AZ 85737

Contact Name: Michael Todnem, P.E., Stormwater Engineer/Manager

Telephone Number: 520-229-5044

Email Address: mtodnem@orovalleyaz.gov

Annual Report Period: July 1, 2012 – June 30, 2013

B. SWMP Modifications and Additional Information. Attach a brief explanation if you check "yes" to any of the following statements.

1. Changes have been made or are proposed to the SWMP since the last annual report, including changes in response to ADEQ's review. YES NO
2. The MS4 has annexed lands. YES NO

The Town of Oro Valley annexed 107 Acres / 0.167 Square Miles of land directly south of existing Town limits on 17 April, 2013. The previous jurisdiction was Pima County. Currently our databases are being updated to include these properties and applicable BMPs as described in Public information /outreach and Public involvement /participation will be implemented.

- 3a. The MS4 discharges directly to an impaired water. YES NO
- 3b. A water within 10 miles of the MS4's jurisdiction has been identified as impaired. YES NO
- 4a. The MS4 discharges directly to water for which a TMDL has been established. YES NO
- 4b. A TMDL has been established for a water within 10 miles of the MS4's jurisdiction. YES NO
5. The MS4 has conducted analytical monitoring of stormwater quality. YES NO
6. The MS4 is relying on another government entity to satisfy some permit obligations. YES NO

The Town of Oro Valley participates in collaborative efforts coordinated by the Pima Association of Governments (PAG) which involves all Phase I and Phase II AZPDES jurisdictions in Pima County to develop Stormwater Pollution Prevention brochures, public notification techniques, and training. This approach brings efficiencies as well as consistency to the SWMP in Pima County.

C. Stormwater Management Program Status. Provide the status of every BMP and measurable goal in your SWMP as described in the instructions.

Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Public Information & Outreach	1. Collect brochures, fact sheets, and other educational materials from federal, state and local agencies or other MS4 web sites	1. Contacts with agencies and web page reviews will be conducted on a quarterly basis to ensure that the most current information is available.		03/03-06/13	In progress/quarterly Participates on various public and private organizations including: the Pima Association of Governments (PAG) Environmental Planning Advisory Committee, Stormwater working group and Watershed Planning subcommittee, Pima County Regional Flood Control District Advisory Committee, Southern Arizona Home Builders Association stormwater working group, and the Pima County Health Department West Nile Virus committee. Agency Web sites are reviewed to ensure accurate and timely information retrieval and dissemination.
Public Information & Outreach	2. Distribute information to the general public and to specific targeted audiences such as restaurants, service stations, developers/operators, homeowners associations, etc.	2. A public service brochure/flyer will be mailed with monthly utility bills once during the first year and/or information packets may be bundled and dropped off to targeted audiences. Updated materials will be distributed as needed when revised materials become available.		03/03-03/04 04/04-06/13	2. Completed. In progress/quarterly Twice during the year, a Stormwater Utility publication was mailed to residents and businesses with emphasis on illegal dumping in washes and proper swimming pool discharge. (attached) Worked with Pima Association of Government (Storm Water Working Group) on the FY2012-2013 Stormwater Outreach program This year's media campaign, began the week of July 1, 2012 and was strongly emphasized through the summer monsoon season, but also included some features available year-round. The slogan "Clean Water Starts with Me" was used for the fifth consecutive year to increase familiarity with the successful message that has been repeated by other entities across the state. Artwork and style

				<p>matches the imagery used by the local jurisdictions in school programs and the “Only-Rain-in-the-Drain” efforts for consistency across the region.</p> <p>Working with PAG, we directly addressed several required outreach topics such as Low Impact Development, Animal Waste, Construction, Development and Business Industries within local jurisdiction stormwater permits. The topic emphasized this year was the potential impacts of Transportation on water quality. Brochures, new rack cards and new Watershed Pocket Guides emphasized the importance of proper management and disposal of used oil, as well as properly washing vehicles. Additionally a new rack card details the importance of vehicle maintenance, cleaning up spills and green infrastructure. To further target vehicle owners and passengers, the campaign employed bus benches, bus posters, promotional windshield sunshades, vehicle magnets and bumper stickers. Slogans include “fix leaky vehicles,” “keep your vehicle leak free,” “properly dispose of used motor oil,” “bus, bike, walk carpool,” “vehicles cause pollution,” “use commercial car washes,” “green our streets,” and “depollute your commute.” The rack card and website provide details about the transportation connection to stormwater pollution such as how our streets are used as conveyance, including specific pollutants such as motor oil and other auto fluids, soaps and residues from car washing.</p> <p>Local MS4’s participated in program planning and focus meetings, tours, seminars and webinars in order to coordinate stormwater programs, plan general public outreach, construction industry outreach and share regulatory information throughout the year.</p> <p>Public Service Announcements (PSAs), radio ads, billboards, magazine ads, Movie theater advertising, bus interior posters/benches and social media ads were run through the monsoon season, starting in July. The PSAs that were developed in 2008 were screened on different television stations this fiscal year to reach</p>
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					additional audiences. PSAs and magazine ads also reached Spanish-speaking populations. A total of 43 spots were run on KOLD, KMSB, KVOA, KGUN9, & KTTU. A total of 62 PSAs were aired on Arizona Public Media radio KUAZ, KLPX and Poderosa.

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Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Public Information & Outreach	3. Establish a web page for the Storm Water Management Program.	3. A storm water web page will be developed and brought on-line. The webpage will be updated as necessary.		03/03-06/05 06/05-06/13	Completed In progress/updated annually The Town's Stormwater utility section web site was updated to include new materials and web pages.
Public Information & Outreach	4. Establish a library of educational materials on relevant storm water matters.	4. Collected materials will be distributed to schools and/or placed in public access areas, i.e. libraries, Town Hall, etc. as needed. These materials will be updated as needed.		03/04-03/05 07/07-06/13	Completed In progress/monthly Stormwater Utility personnel distribute educational materials to libraries, homeowners associations and businesses dealing with pollution prevention every month.
Public Information & Outreach	5. Respond to verbal or written public inquiries, comments, or concerns, about illicit disposal of wastes, etc., and/or requests for information.	5. Town of Oro Valley will identify a principal contact and devise the best method for handling public inquiries. Best methods for receipt of information may include emails, telephone calls, or letters from the general populace.		03/03-03/04 01/08-06/13	Complete Updated Annually The Stormwater utility Engineer/Manager position was vacated and filled. In addition, the new contact information was provided to the Pima County Regional Wastewater Reclamation Department for notification of any accidental releases of Sanitary Sewage.

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Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Public Involvement/Participation	1. Develop a plan to involve the public in the development of the Storm Water Management Plan (SWMP).	The Town of Oro Valley created the Storm Water Utility Commission (SWUC,) which is representative of the general population, in October, 2001. The SWUC has met at least monthly since 10/01 and is responsible for developing the SWMP, BMPs, measurable goals, and advising TOV staff on NPDES issues.		10/01-06/13	<p>Completed.</p> <p>In progress/monthly</p> <p>The Stormwater Utility Commission (SWUC) continues to meet monthly to review the status of the program and provide guidance on the SWMP, BMPs and all initiatives.</p> <p>Some of the specific actions by the Stormwater Utility Commission during the last year include the following:</p> <ul style="list-style-type: none"> • Review and approval of Stormwater Utility Fee credit applications • Review and approval with recommendation to the Town Council on the Stormwater Management & Discharge Control Ordinance. • Review and approval of Utility Commission Agendas and Minutes • Review and approval of Stormwater Operations and Maintenance projects

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Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Public Involvement/Participation	2. Notify the public of Storm Water Utility Commission meetings.	2. Notice of public meetings are posted at the Town Hall and/or published in local newspapers according to established Town of Oro Valley (TOV) procedures.		10/01-06/13	In Progress/Continuously SWUC meeting dates, agendas, minutes, packets, and live recordings of the meetings continue to be posted to the internet on the Town's web site.
Public Involvement/Participation	3. Make the Storm Water Management Plan and Notice of Intent available to the general public.	3. The Storm Water Management Plan and Notice of Intent will be made available to the public at the Town of Oro Valley Town Hall upon completion.		03/03 06/13	Completed The most current SWMP and NOI are updated on the stormwater section of the Town's web site every year to provide current status and contact information and to enhance availability to the public.
Public Involvement/Participation	4. Encourage public participation through volunteer groups for defined activities such as an Adopt-a-Wash program and/or a town-wide rain gauge network.	4. Volunteer groups will be identified and encouraged to participate in activities such as Adopt-a-Wash programs. Volunteer resources to consider may include, but are not limited to, schools, civic groups, Scouts, etc. Once established, programs will continue through this permit period.		03/04-06/13	In Progress/Monthly This year the Adopt-a-Wash program had a total of 18 sponsors. The work that they did helped the Town out considerably. We had a total of 41 volunteers help with picking up trash in the washes. All of those people gave 109 total hours of service. They hauled out 35 bags of trash out of the arroyos. All of this work added up to saving the Town of Oro Valley over \$2,180.00. A copy of the adopt-a-wash brochure is attached. In addition, our stormwater fee has a credit program that provides economic incentives to businesses and non-profit organizations that perform stormwater education. Two (2) non-profit organizations continue to participate in this program by providing stormwater education for their memberships.

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Public Involvement/Participation	Respond to verbal or written public inquiries, comments, or concerns about the Town's SWMP and its elements such as illicit discharge of wastes, etc., and/or requests for information.	5. Town of Oro Valley will identify a principal contact and devise the best method for handling public inquiries. Best methods for receipt of information may include emails, telephone calls, or letters from the general populace.		03/03 06/13	Completed In progress/annually The Town of Oro Valley has a strong customer service program that involves all aspects of the Town Management Staff. The Stormwater Utility Manager position is the position to respond to any stormwater or floodplain violations and issue any notice to correct or violation letters. Roughly 10 resident stormwater or drainage issues were addressed by stormwater or streets personnel. One notice to correct letter was issued during the year and resolved promptly.

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Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Illicit Discharge Detection and Elimination	1. Review, and if necessary, revise current ordinances, or develop new ordinances for prohibiting illicit discharges.	1. All current applicable ordinances will be reviewed and revised as needed. New ordinances, if needed, will be written, approved, and implemented.		07/03-10/08 6/08-6/13	Complete In Progress/Annual Town's ordinances continue to be reviewed and updated to incorporate or update stormwater quality and quantity criteria as needed.
Illicit Discharge Detection and Elimination	2. Map the storm drain system and identify, to the extent practicable, locations where illicit discharges have occurred and seek remediation.	2. The Town of Oro Valley (TOV) will utilize TOV resources to map the storm drain system and identify discharge points and, where possible, identify violators.		07/04-06/13	In Progress/Annual A new GIS analyst position was filled within the Town. A GIS mapping system of the Town's storm drain system and discharge points is being developed. The database is to be linked to the Town's asset management system and all inspections and work orders are documented and monitored through the map system. During this year all outfalls (200+), culverts (250+) and storm drain inlets (400+) were identified and incorporated into the Utility map and asset management software program. Basins, first flush devices, and drainage easements inventory and inspections are ongoing. Added to the Utility map and asset management software program this year was all Town Drainage Channels.

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Illicit Discharge Detection and Elimination	3. Use programs such as Adopt-a-Wash and/or appropriate Town of Oro Valley staff to detect sources of illicit discharge, including dumping. If offenders can be identified, notify offenders and hold offenders responsible for clean-up.	3. The TOV will develop a plan for systematic review, to the extent practicable, of washes utilizing volunteers in programs such as Adopt-a-Wash and/or appropriate TOV staff. The plan will identify who will do various tasks, how these tasks will be done, what washes to inspect and how often		03/03-06/13	In Progress/Semi- Annual 162 outfalls were inspected in the Fall and in the Spring. Pictures and inspection results were documented both in hard copy and in the Utility Map. No dry weather discharges were discovered. A copy of the Town's dry weather inspection procedures and report form is attached.

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Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Illicit Discharge Detection and Elimination	4. Notify Town of Oro Valley employees, businesses, and individuals of the hazards and costs of illicit discharges and improper disposal of waste.	4. Through seminars and/or published and distributed information educate TOV employees, businesses, other targeted groups, and the general public on potential long term environmental damage and costs from illicit discharges.		03/03-6/13	<p>In Progress/Monthly</p> <p>Brochures and posters regarding stormwater pollution prevention are distributed to high commuter traffic locations on a monthly basis, i.e., library, town hall, community clubhouses, etc.</p> <p>The Town also advertises Household Hazardous Waste (HHW) collections on the Stormwater website highlighting proper management of hazardous wastes. In addition, a monthly HHW pickup location has been utilized in Oro Valley in conjunction with the Pima County Department of Environmental Quality.</p> <p>To further inform the public, the stormwater utility also sets up booths at all large Town public events, i.e., Earth Day, Farmers Markets, etc. where we notify employees, businesses and individuals about proper management of hazardous wastes and our stormwater system.</p> <p>Last, the Town has included in the Stormwater Management Ordinance, the provision that businesses and non-profit organizations can reduce their Stormwater Utility Fee through the installation of stormwater management controls through structural and non-structural stormwater management improvements.</p>

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Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Illicit Discharge Detection and Elimination	5. Encourage cleaning of commercial parking areas by those without first flush cleaning technology.	5. Prior to onset of the summer monsoon, to the extent practicable, commercial property owners and developers without first flush cleaning capabilities will be encouraged to clean impervious areas for the purpose of reducing contaminated wash-off.		03/03-06/13	<p>In Progress/Annually</p> <p>The Towns Drainage Criteria Manual requires first-flush BMP technology for all new commercial and multi-family development with large parking areas. The present requirement is to remove oils and grease, sediment, and debris from runoff associated with the first one-half inch of rainfall.</p> <p>In addition, stormwater pollution prevention brochures were distributed to businesses stressing the importance of cleaning parking areas to minimize contaminants in the runoff.</p>

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Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Construction Site Storm Water Run-off Control	1. Require construction site developers/operators to prepare a Storm Water Pollution Prevention Plan (SWPPP) and submit plan for review and approval for any construction site equal to or greater than one acre or disturbing less than one acre (if that construction activity is part of a larger common plan of development that would disturb one acre or more) and to obtain a Construction General Permit (CGP).	1. During pre-construction meetings with construction company representatives to explain BMPs, developers/operators will be made aware that a SWPPP will be required and that on-site inspections will occur. Town of Oro Valley uses a checklist to assess the developer's/contractor's plans. Upon proof that the applicant submitted their NOI to EPA and/or ADEQ a grading permit will be issued by TOV.		03/03-06/13	<p>In Progress/reoccurring requirement</p> <p>Stormwater runoff control is addressed at all pre-construction meetings. SWPPPs are reviewed and commented on by stormwater personnel prior to a grading permit being approved and Stormwater Utility personnel inspect the BMPs once installed to ensure they are adequate prior to any construction occurring on site. The Town currently uses the State's checklists for inspections and plan reviews.</p> <p>During this fiscal year the Town had 18 active ADEQ NOIs and SWPPPs that routine inspections were performed on by the Town.</p> <p>On May 18, 2013, Pima Association of Governments hosted an event called the <i>Stormwater Construction Seminar</i>. The seminar covered topics on stormwater regulations for the construction industry. It provided continuing education credits, and opportunities for sponsors. It was attended by 94 participants, 57% of which worked for the local jurisdictions and used the seminar as training. The seminar was attended by professions including regulators, designers, SWPPP planners, inspectors, operators, owners, engineers and home builders from throughout the local jurisdictions and some from the Phoenix area. Stormwater Managers were available</p>

				<p>from every jurisdiction to present information and answer questions. Books created as a collective effort with all the local MS4s contained an MS4 location map, a chart comparing local regulations and resources from each local jurisdiction including information on grading, illicit discharges, spill prevention, good housekeeping, cement wash-out containment and proper disposal technique. Presentation topics included a regulatory overview, obtaining coverage, SWPPP development, maintaining compliance, SWPPP implementation, upkeep and effectiveness, BMPs, and post construction. Additionally the seminar contained "Low Impact Development" resources and local rainwater harvesting ordinance information.</p> <p>During the presentation, two Town staff members were available to provide contact information and to answer questions in regards to the Town's programs.</p>
Construction Site Storm Water Run-off Control	2. Establish an ordinance(s) to require erosion and sediment control, and controls for other construction site waste, and applicable penalties.	2. Existing ordinances will be reviewed, and if necessary, revised, or new ordinances will be developed and implemented. Ordinances will include applicable penalties for non-compliance. Construction site plans will be reviewed by TOV to ensure compliance with ordinances prior to start of construction.	07/04-6/13	<p>In Progress/Annually</p> <p>The Town's Development & Infrastructure Services (DIS) Department continues to utilize an electronic on-line permitting review process and the Stormwater Utility has been incorporated into the process for review and approval of all construction projects.</p>

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Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Construction Site Storm Water Run-off Control	3. Have procedures as identified in Storm Water Pollution Prevention Plan and/or TOV ordinances that require developers/operators to maintain a compliant construction site.	3. TOV will require through ordinances, SWPPP, and regular site inspections that developers/operators maintain compliant construction sites. Inspection procedures will include such information as frequency of site inspections and procedures to identify and document non-compliance.		03/06-06/09 06/08-06/13	Complete. In-Progress/Continuously Stormwater Utility staff review and approve developer/operator SWPPPs and perform recurring on-site inspections of BMPs and management of site from initial inspection through final stabilization.
Construction Site Storm Water Run-off Control	4. Establish procedures for receipt and consideration of information submitted by the public.	4. Town of Oro Valley will identify a principal contact and devise the best method for handling public inquiries. Best methods for receipt of information may include emails, telephone calls, or letters from the general populace.		03/03 – 03/04 06/13	Completed 03/04 - staff is aware of point of contact and inquires receive prompt response. Contact is updated as turnover or addition of new positions occurs. The Utility has created a Stormwater email address which is identified on the Town's web site. In addition every Stormwater bill includes contact information. The Town also has a Constituent Services Coordinator Position who handles all public inquires for businesses and residents from the Town and forwards them to the appropriate area of responsibility to gather information for the response.

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Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Post Construction Storm Water Management in New Development and Redevelopment	1. Review and revise or adopt new storm water ordinances regarding storm water quality and quantity giving consideration to adjacent city and county ordinances and to the impact downstream. Include a maintenance requirement for structural or non-structural BMPs, i.e., detention basins, sediment run-off controls, first flush devices, landscaping or vegetation restoration, etc.	1. Existing ordinances will be reviewed and, if necessary, revised, or new ordinances will, if necessary, be developed and implemented. These ordinances will include immediate and long-term Town of Oro Valley maintenance activities and will include penalties that are necessary to enforce the program.		07/03-06/13	In Progress/Annually Existing Ordinances were reviewed during this year. All ordinances were deemed adequate at the time.
Post Construction Storm Water Management in New Development and Redevelopment	2. Develop or modify the inspection process to be able to inspect development and enforce the ordinances.	2. Inspection process reviewed, and if necessary, revised. This will include processes of the DIS Department which includes building and zoning inspections.		07/05-06/13	In Progress/Continuous Post Construction inspections to include stormwater management devices on private property along with enforcement mechanisms were included in the Town Ordinance 15:24 approved by the Town Council on 9/3/08. Stormwater Utility Personnel are the responsible agents to perform these inspections and document any deficiencies to be corrected. No maintenance notices of violations were issued during the year. We were able to meet with responsible parties and mitigate problems before issuing violations.

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Post Construction Storm Water Management in New Development and Redevelopment	3. Communicate the requirement of the ordinances at developer meetings. Ensure that developers/operators understand that plan review, on-going site inspections, and post-construction inspections will occur.	A. Ordinance requirements will be explained initially during the development review stage, during preconstruction conferences, and as required thereafter based on developer needs, problems uncovered during site inspections, or ordinance modification.		07/05-06/13	In Progress/Continuous Development Plan requirements for post construction stormwater management are discussed and highlighted by DIS Department and Stormwater Utility personnel at all phases of construction and post construction meetings with contractors, operators and owners.

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Pollution Prevention/Good Housekeeping for Municipal Operations	1. Develop a pollution prevention plan that includes review and revision, if needed, of current municipal maintenance activities, schedules, and inspection procedures for structural and nonstructural controls to reduce floatable and other pollutants dumped into washes, etc.	1. A pollution control plan will be developed and implemented. Elements of the program will include items such as street cleaning programs and the use of structural or non-structural controls to prevent pollution at municipal sites. These include the Town Hall complex, Public Works maintenance facility, and may include some parks and some water utility facilities.		03/05-06/13	<p>In Progress/Annual Review</p> <p>Town road and multi use paths are swept monthly. Street sweeping activities yielded roughly 325 tons of debris and sediment; disposed to the local landfill.</p> <p>The Town improved the vehicle washing program by ensuring that all vehicles washed in-house are accomplished at the Town's current vehicle wash rack, or are sent to a commercial vehicle wash or are accomplished by an on-site contract operation in which all wash water is collected. The Town did complete construction for a new vehicle washing facility that accommodates the entire town fleet including all heavy equipment. The new wash rack is 100 percent self contained with no discharge to the local sewer system or to stormwater drainage waters.</p> <p>The EPA Publication "Managing Stormwater in your Community" is being used as a guidance template for the Town's programs.</p>

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Pollution Prevention/Good Housekeeping for Municipal Operations	2. Establish an employee training program using training materials obtained from EPA, the State, and/or other organizations.	2. Employee training materials will be gathered and an employee training program will be developed. All applicable employees in the DIS, Parks and Recreation, and Water Utility Departments will be trained.		03/04-06/13	<p>In Progress/Annually</p> <p>During this year the Town continued to aggressively train its staff to be able to manage our SWMP in an exemplary manner.</p> <p>One Town employee received State of Arizona certificate for aquatics applications of pesticides and herbicides to ensure that we are using chemicals in an environmentally approved manner.</p> <p>Numerous Town employees attended weekly Operation's meetings throughout the year at which training material and information was presented and explained regarding different BMPs and other in house pollution prevention measures.</p> <p>During the year staff has attended NAFSMA, ASFMA, ASFMA, PCRFC and PAG conferences and training sessions. In addition the Town has Stormwater employees who have renewed all their certifications and license to include pesticide applications, CFMs, and PE. Last, the Town has been working with an organized work environment to foster cross training personnel between differing organizational areas.</p>

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Pollution Prevention/Good Housekeeping for Municipal Operations	3. Develop procedures and methods for detection of floatable materials and waste materials from the washes. Develop a program to educate volunteers and TOV employees on the proper disposal methods of such debris.	3. The TOV will develop a plan for systematic inspection of washes utilizing programs such as Adopt-a-Wash (AAW) and/or TOV staff. Volunteers and staff will be trained to inspect, detect and report problem areas. These persons will be educated in proper methods for disposal of floatable and other waste materials.		03/05 03/05-06/13	Complete In Progress/Semi-Annually Through the AAW program as well as Town field staff, and adopt-a-roadway participants, materials that are in washes or could easily be transported to a wash are identified and removed either by the volunteers or by Town staff upon being informed of the waste material problem. Stormwater Utility personnel during their semi-annual inspections of outfalls also inspect all public watercourses in Town and identify any maintenance activities required on the watercourse to include debris, vegetation or sediment removal.

A. Certification

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



Signature

10/8/13

Date

Paul Keesler, P.E.
Director
Development & Infrastructure Services Department