



Mojave River Watershed Group
Small Municipal Separate Storm Sewer System General Permit

Waste Discharge Identification (WDID) Number

6B336MS40305 Town of Apply Valley

Fiscal Year 2012-13 Annual Report

Prepared for:

**California Regional Water Quality Control Board
Lahontan Region**

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Acronyms

BMP	Best Management Practice
CASQA	California Stormwater Quality Association
LID	Low Impact Development
MCM	Minimum Control Measure
MEP	Maximum Extent Practicable
MRWG	Mojave River Watershed Group
MS4	Municipal Separate Storm Sewer System
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
QSD	Qualified Storm Water Pollution Prevention Plan Developer
QSP	Qualified Storm Water Pollution Prevention Plan Practitioner
RWQCB	Regional Water Quality Control Board
SWMP	Stormwater Management Program
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
WQMP	Water Quality Management Plan

1. Introduction

Phase II Small MS4 General Permit

The Phase II Small Municipal Separate Storm Sewer System (MS4) General Permit program is intended to minimize, or eliminate, adverse surface water quality impacts by instituting controls on those MS4 discharges that have the greatest potential to cause environmental degradation. Discharges to, or from, the MS4 are of concern because they may contain pollutants, including trash, debris, sediments, fertilizers, oil, grease, metals, and pesticides. Runoff can suspend, transport and discharge these, and other pollutants, untreated into the MS4 and deliver them to the local waterways. Urban development can substantially increase the extent of impervious surfaces, such as city streets, driveways, parking lots, and sidewalks, on which pollutants from human activities can accumulate until washed off by a storm event into the MS4 and nearby surface waters. Another concern is the illicit connection of sanitary sewers which can deliver high levels of fecal wastes and bacteria to the MS4. These discharges can result in the loss of surface water beneficial uses and contaminate local drinking water supplies.

Runoff from construction sites is a surface water quality concern because of the effects that sedimentation can have on local water bodies, particularly small streams. Studies have shown that the amount of sediment transported by stormwater runoff from construction sites without controls is significantly greater than from sites with controls. In addition to sediment, pollutants such as pesticides, petroleum products, construction chemicals, solvents, asphalts, and acids are sometimes present at construction sites and have the potential to be transported by stormwater runoff. During storms, construction sites can be the source of sediment-laden runoff, which can clog conveyance system elements, bury habitat, suffocate aquatic life, and redirect alluvial stream flows.

Mojave River Watershed Group General Permit Coverage and Annual Report

In accordance with the SWRCB Order No. 2003-0005-DWQ¹ and National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000004, the Town of Apple Valley, Cities of Hesperia and Victorville, and County of San Bernardino, collectively the Mojave River Watershed Group (MRWG) agencies, submitted a Notice of Intent (NOI) and Stormwater Management Program (SWMP) Plan to the Lahontan Regional Water Quality Control Board (RWQCB) in August 2003. The RWQCB accepted these documents and extended coverage under the Phase II Small MS4 General Permit to the MRWG Permittees in February 2005. This Annual Report addresses the period from July 1, 2012 through June 30, 2013, which is the ninth year of the Phase II MS4 program. The Annual Report is an evaluation of the MRWG's stormwater program and provides an update on Permit implementation and compliance. It also includes an assessment of the effectiveness of the selected BMPs. On February 5, 2013 the State Water Resources Control Board (SWRCB) adopted Order 2013-0001², the renewed Phase II MS4 Permit; however, it only became effective on July 1, 2013, which is after the current reporting period.

The MRWG SWMP Plan outlines a comprehensive process to develop, implement, and enforce a program to reduce the discharge of pollutants from the MS4 to the Maximum Extent Practicable (MEP) in order to better protect surface water quality. The SWMP includes six Minimum Control Measures (MCM), which are implementation measures and Best Management Practices (BMPs) with measureable goals that demonstrate compliance and effective implementation of the SWMP, to prevent or reduce potential adverse effects of runoff on receiving water bodies. The MRWG continues to implement these (MCMs):

¹ www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003_0005dwq.pdf

² http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml

1. Public Education and Outreach
2. Public Involvement and Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Stormwater Runoff Control
5. Post-Construction Stormwater Management in New Development and Redevelopment
6. Pollution Prevention and Good Housekeeping for Municipal Operations

1.1 Summary of Major Accomplishments for Fiscal Year 2012-13

This Unified Annual Report details the successful implementation of all MCMs and demonstrates Permittee compliance with the Phase II Small MS4 General Permit. Major accomplishments between July 1, 2012 and June 30, 2013, include, but are not limited to:

- Collecting 715 “Protect Your Home” pledges, signed by residents, stating that they will follow a set of guidelines to prevent stormwater pollution in the High Desert Community;
- Distributing over 14,350 tip cards through community outreach events and business partners;
- Distributing 121 flyers for the November 15, 2012, 8th Annual Public Stormwater Workshop;
- Continuing 132 partnerships with local businesses that might otherwise generate pollutants;
- Through 24 assemblies, outreached to over 3,900 elementary and middle school students;
- Continuing to expand the MRWG’s social media accounts and presence;
- Targeted environmental outreach with a booth at six regional community events;
- Increasing the number of MRWG website visits and the mean duration of those visits;
- Sponsoring litter clean-up events resulting in the collection of over 40 tons of trash;
- Collecting 438 tons of household hazardous wastes;
- Establishing effective relationships with builders to resolve deficient construction site BMPs and avoid the need for enforcement actions; and
- Comprehensively training 151 municipal staff in programs for illicit discharge detection and elimination, construction site stormwater runoff controls, post-construction stormwater management in development and redevelopment, and municipal operations.

2. Background

The Mojave River Watershed encompasses approximately 4,500 square miles and is located entirely within San Bernardino County. The total population in the Mojave River Watershed was approximately 390,000 people in 2010 with much of the existing population concentrated in the Victor Valley, which is located north of the San Bernardino Mountains and borders the edge of the Mojave Desert. The Victor Valley includes the communities of Adelanto, Apple Valley, Hesperia, Lucerne Valley, Oak Hills, Phelan, Victorville, and Wrightwood. Additional urban growth is expected throughout the watershed. The population for the entire watershed is projected to reach nearly one-half million people by the year 2015.

The Mojave River headwaters are in the San Bernardino Mountains, which may annually receive over 40 inches of precipitation at its highest elevations. Much of the winter precipitation in the San Bernardino Mountains falls in the form of snow that provides spring recharge to the Mojave River system. Historically, the annual recharge from the headwaters is approximately 75,000 acre-feet. The Mojave River channel transects the watershed over a



linear distance of approximately 120 miles to its terminus at Silver Dry Lake near the Community of Baker. Except during and immediately following storms, or at locations where groundwater is forced to the surface by geology, the Mojave River channel is normally dry downstream of the Mojave Forks Dam.

As indicated in Figure 2-1, the United States Geological Survey (USGS) Report 95-4189 has divided the Mojave River Watershed into five sections based on hydrologic features. These are identified as:

1. Headwaters Section – Tributaries above the Mojave Forks Dam;
2. Upper Main-Stem Section – Mojave Forks Dam to the Lower Narrows at Victorville;
3. Middle Main-Stem Section – Lower Narrows to the Waterman Fault at Barstow;
4. Lower Main-Stem Section – Waterman Fault to Afton Canyon; and
5. Tailwater Section – Afton Canyon to Silver Lake.

The Mojave River Watershed consists of interconnected floodplain and regional aquifers. The floodplain aquifer is composed of sand and gravel, which is as much as 250 feet thick, and generally conforms to the surface expression of the Mojave River. The regional aquifer, which is composed of sand, silt, and clay, generally underlies and surrounds the floodplain aquifer.

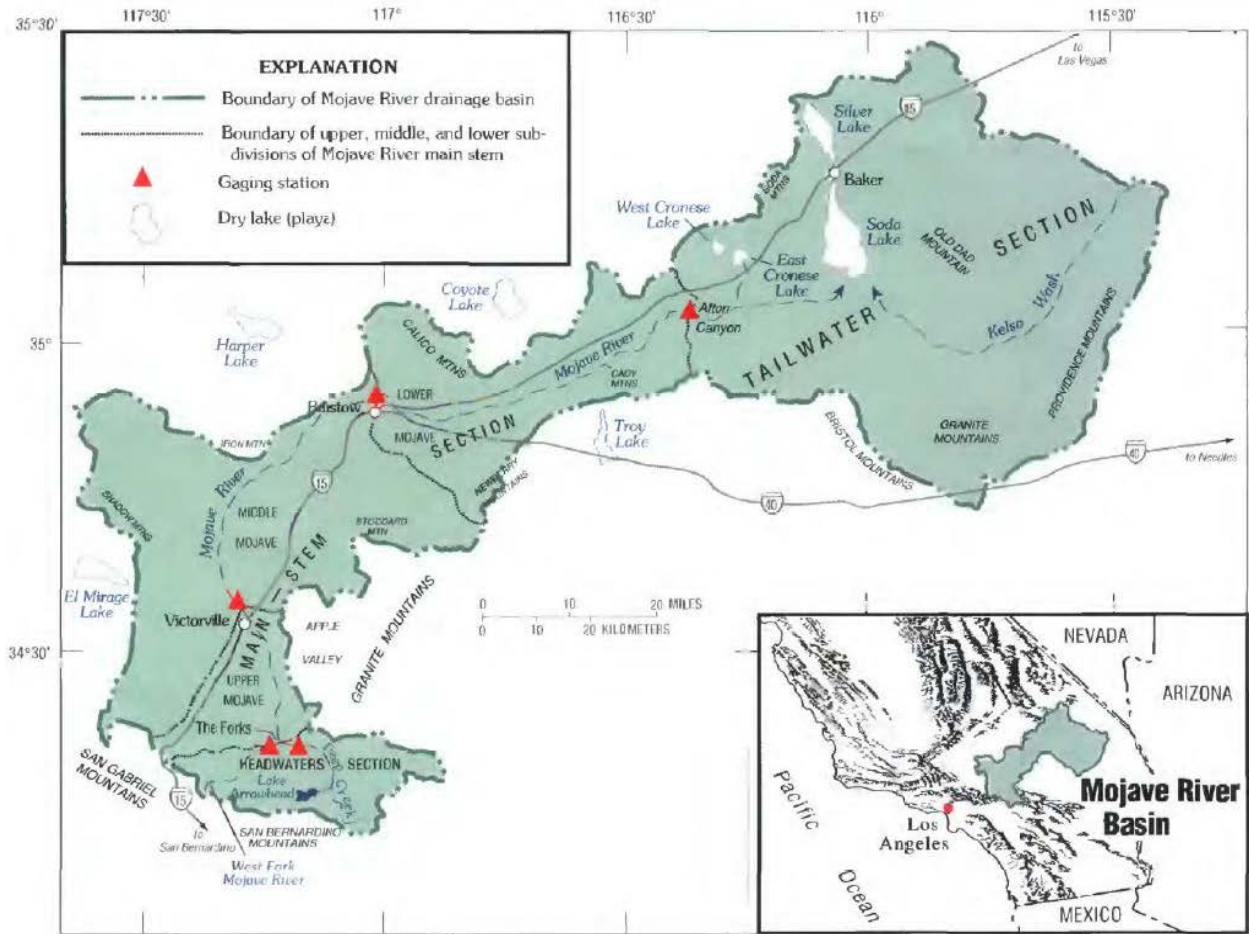


Figure 2-1 The Mojave River Drainage Basin Map

3. Effectiveness Assessment of Fiscal Year 2012-13

Program Effectiveness Assessment Strategy

The SWMP is comprised of six program elements known as MCMs, each with specific control actions to reduce pollutants in urban and stormwater discharges. These MCMs, which are implemented on a jurisdictional and watershed wide basis, are iterative and include annual assessment phases to consider whether programmatic outcomes are being achieved. One purpose of the Annual Report is MCM implementation assessment and the iterative evaluation of potential additional or modified actions that might further the MCMs objectives and water quality protection outcomes.

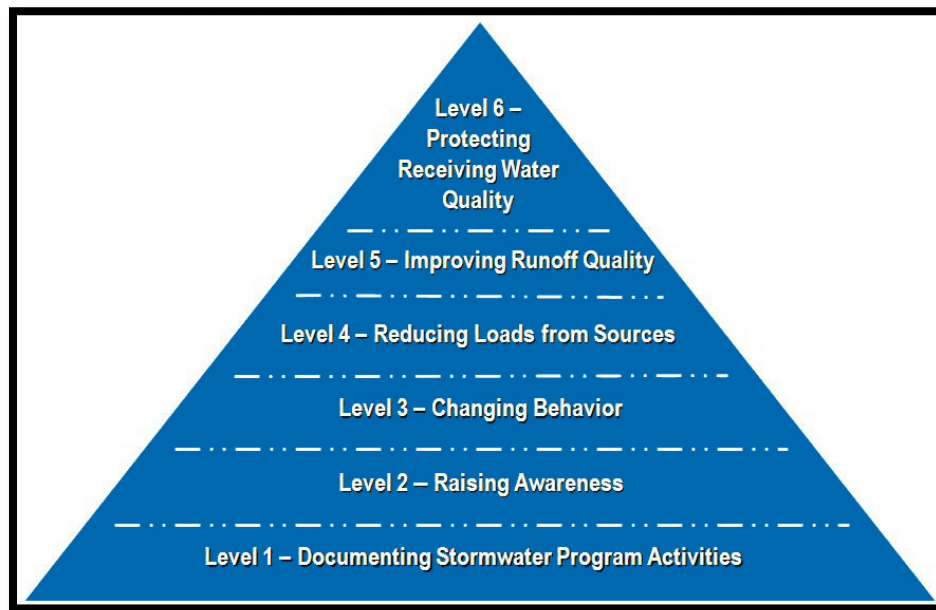


Figure 3-1 Classification of Outcome Levels
Source: CASQA, 2007 (www.casqa.org)

Water quality protection outcomes are the result of an activity, program element, or the overall program and have been characterized by the CASQA in terms of six levels. Figure 3-1 shows these levels as a progression from activity-based to water quality-based outcomes and illustrates the successive steps toward the ultimate goal of achieving and protecting receiving water quality. Levels 1 to 3 are considered to be implementation based outcomes, level 4 marks a transition from implementation to water quality based outcomes, and levels 5 and 6 emphasize water quality outcomes. Each level has a different value and emphasis in informing the regional management process and not all levels, or activities, are equally important, necessary, or even possible in every instance (CASQA, 2007).³

Assessment Measures

Assessment measures can be categorized many different ways. In this Annual Report, two categories are recognized, one related to the short term confirmation of BMP implementation and the other to long term verification of environmental improvement. In essence, the categorization of measures reflects two basic assessment questions:

³ California Stormwater Quality Association (CASQA), 2007. "Municipal Stormwater Program Effectiveness Assessment Guidance."

- Are program elements being implemented correctly?
- Are environmental improvements being realized?

Programmatic and environmental indicators are conceived by the U.S. Environmental Protection Agency (USEPA) as having a hierarchical relationship as shown in the Figure 3-2 below. This relationship further illustrates the fact that environmental outcomes rest on, or follow from, jurisdictional program implementation. Moreover, it recognizes that scientifically robust evidence of changing water quality indicators will follow ongoing program implementation and should not be anticipated concurrently.

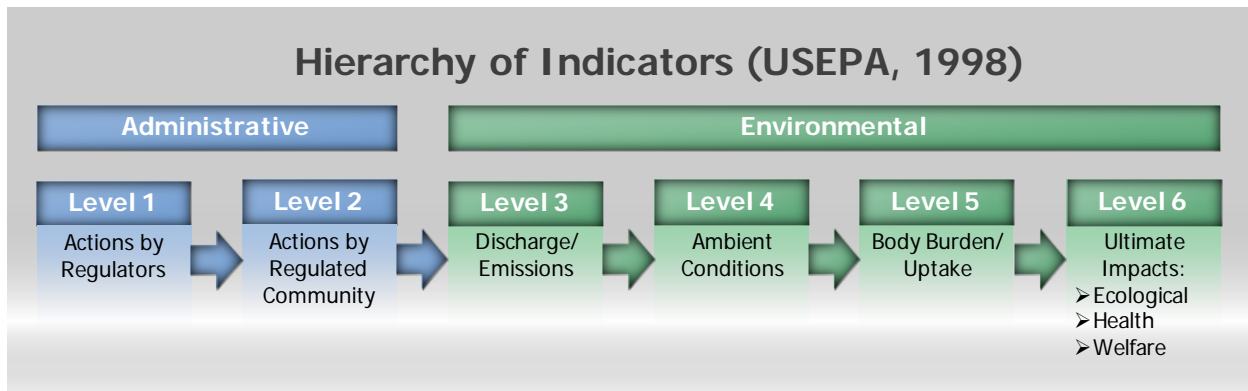


Figure 3-2 Hierarchy of Indicators (USEPA, 1998)

Key attributes of MCM and water quality assessment include:

- Measurability (statistically and repetitively measurable);
- Relevance (significant, demonstrable relationship to strategy and objectives);
- Reliability (easily documented and reproducible);
- Availability (based upon data obtainable at reasonable cost);
- Scientific validity (based on sound science); and
- Replicability (capable of being regularly assessed to develop trends).

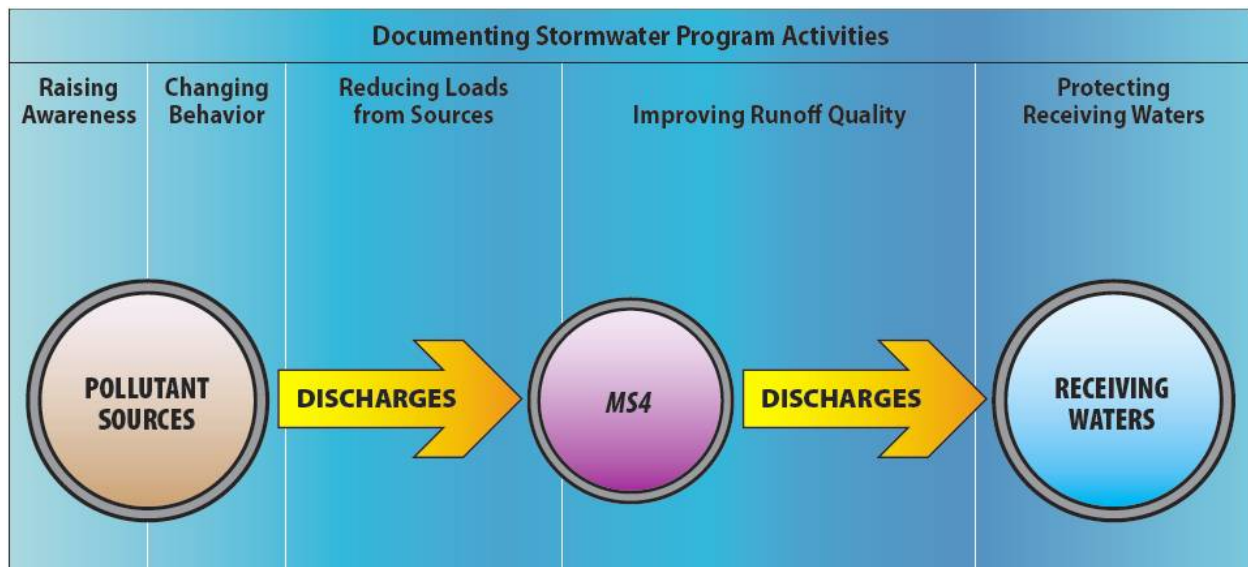


Figure 3-3 Documenting Stormwater Program Activities

Effectiveness Assessment

From the essentially new and unfamiliar 2003 baseline of understanding that runoff water quality issues exist in the middle of the High Desert Region, implementation of the MS4 Permit by the MRWG has been steadily evolving and growing to exploit new opportunities and changes in public and stakeholder perception. Our annual assessment of stormwater program effectiveness focuses on identifying and continuing proven SWMP elements, while incorporating and expanding new program elements, such as recent efforts in the realm of social media. Inferences, about the connection between management program elements and water quality improvements, in MCM assessments by necessity must be predominantly drawn from programmatic indicators and indirect measures of progress. The effectiveness assessments and outcome levels are presented below for each of the individual MCMs.

Assessing program effectiveness is a challenge for MS4 program managers across California, and the MRWG member agencies appreciate and acknowledge the effort of CASQA to develop and publish the Municipal Stormwater Program Effectiveness Assessment Guidance (CASQA, 2007). The MRWG has attempted to follow these guidelines in assessing the our SWMP implementation efforts, so that we might better comply with the Phase II Small MS4 General Permit and reduce the discharge of pollutants from the MS4 to the MEP. While program effectiveness assessment is a key step in the iterative adaptive process of program implementation, it is also part of the evolving management process.

3.1 MCM 1 – Public Education and Outreach

The Phase II Small MS4 General Permit requires the implementation of a public education program to distribute educational materials to the community and conduct outreach activities about the impacts of stormwater discharges on water bodies and steps the public can take to reduce pollutants in runoff.

The MRWG SWMP outlined a plan to meet the requirements of this MCM with education and outreach programs for three diverse groups: elementary school students, homeowners and young adults, and business people. The MRWG targeted its outreach efforts on two pollutants tiers. The first tier includes common household products and wastes such as trash, sediments, automotive fluids, pesticides, fertilizers, paint, construction, and pet wastes. Second tier pollutants are implemented as source control efforts aimed at specific audiences such as pool maintenance and mobile carpet, house and car cleaning services. The objectives of the Public Education and Outreach Program are to:

- Reduce stormwater pollution loads within the Mojave River Watershed;
- Educate and change the mind-set of diverse target audiences about stormwater pollution issues;
- Improve general understanding of urban and stormwater runoff pollution prevention methods;
- Synergize the MRWG pollution prevention effort thorough a coordinated overarching campaign;
- Implement outreach efforts and tactics to shift from education to personal responsibility phases;
- Simultaneously impact multiple audiences with a single coordinated inter-jurisdictional campaign;
- Build bridges and forge partnerships that integrate city and jurisdictional programs; and
- Document whether education outreach efforts resulted in behavior changes that reduce pollution.

3.1.1 Implementation Status

During the 2012-13 reporting period, the MRWG successfully accomplished the MCM 1, Public Education and Outreach objectives. Program accomplishments included disseminating outreach materials at local and regional events, distributing tip cards at high traffic locations for targeted audiences, implementing elementary, middle school, and college programs to change students behavior and views on pollution prevention, maintaining active social media accounts to expand outreach efforts, and updating the MRWG website to provide residents, businesses, City, Town, and County representatives with additional High Desert specific educational materials, examples, and references.

Environmental Outreach Booths at Local and Regional Events

To reach the target audience of “do-it-yourselfers”, the MRWG participated in six community events where the prime audience would be present. The six events included Hesperia Days Celebration, Apple Valley Chili Cook-Off, Hesperia Health and Safety Fair, 28th Annual High Desert Home, Recreation, and Lifestyle Show, 28th Annual High Desert Home and Garden Show, and Apple Valley Ranchos Water District Spring Conservation Fair. Pollution prevention tip cards, science fair flyers, and MRWG Workshop flyers were distributed in an effort to educate homeowners on stormwater pollution and ways to prevent it. Staff from the Cities, Town, and County were able to hand out public education materials and speak one-on-one with event attendees regarding stormwater pollution prevention. Booth visitors were asked to complete a “Protect Your Home” Pledge stating they will follow a set of guidelines to prevent stormwater pollution in the High Desert Community. This year, MRWG focused more on drawing attention to their event booths. The agency expanded the visual elements and interactive components on display to educate booth visitors. A MRWG branded tablecloth was used to increase awareness of the organization and the booth presented display boards, a prize wheel, and an expanded selection of prizes. The booth also visually demonstrated what stormwater looks like in the community with sample jars filled with contaminated water from the High Desert waterways. The booth also had an iPad on display that allowed attendees to browse the MRWG website, ‘Like’ their Facebook page, and electronically sign the pledge form. Representatives also used the EnviroScape, an educational tool for children that illustrates how the storm drain system works and pollutants are transported.



Combined Homeowner and Business Outreach Program and Material Distribution

To yield the highest pollution reduction, the Public Education and Outreach Program implemented a comprehensive set of outreach activities targeting homeowners and local businesses. This included forming new, and reinforcing existing, partnerships with garden centers/nurseries, paint stores, service businesses, home improvement stores, auto shops, community locations, and pet facilities to place outreach materials at consumers’ fingertips. To minimize costs and maximize resources, the program sought to build on relationships with local businesses to secure prizes and giveaway items for workshops, community outreach events, or social media contests related to stormwater pollution prevention.

The campaign focused on “pollutant specific outreach,” since the majority of stormwater pollution is created by certain pollutants such as pesticide, fertilizer, paint, and pet waste. Educational materials, such as tip cards, that promoted simple pollution prevention behaviors associated with these specific pollutants were placed in the proximity of products containing the potential pollutants. The tip cards highlighted the do’s and don’ts pertaining to the purchase, use, storage, and disposal of products to prevent stormwater pollution. They had a “Classroom 101” section that highlighted interesting facts about the specific pollutants that would encourage consumers to pick up the card and keep it long term. These cards also provided a list of the household hazardous waste collection facilities in the High Desert. These tip cards were put into customer bags along with items that could potentially generate stormwater pollution to help educate and motivate people to employ proper usage, storage, and disposal of hazardous materials. The program utilized posters to encourage the proper disposal of household hazardous waste and encourage pet owners to pick up after their pets in order to prevent pollution.



The MRWG continued to include all tier two businesses such as mobile cleaning services (i.e., carpet cleaners, pet groomers, window washers, etc.) and pool cleaning services. Because these businesses provide a service, as opposed to products, flyers were developed and distributed to target the business employees instead of their customers.

Taking business partnerships one step further, the outreach team implemented a 10-minute stormwater pollution prevention PowerPoint® training program that was presented to 16 businesses. These training sessions allowed for face time and one-on-one dialogue between outreach liaisons and employees giving them the necessary knowledge and motivation to serve as High Desert stormwater pollution prevention ambassadors. These presentations were tailored for each target audience and included information on:

- How business employees serve as in-store ambassadors for stormwater pollution education (displaying public education materials, answering consumer questions, and offering guidance);
- How businesses benefit from participation; and
- Industry BMPs.

Once educated, the staff, seen as experts by the customers, served as catalysts to spread the stormwater pollution prevention message to “do-it-yourselfers” who may unintentionally engage in polluting activities during their home improvement projects, or pet owners who may not be picking up after their pets. More than 40 High Desert employees were trained through the program. MRWG also reached out to customers directly by identifying high traffic times at specific businesses and hosting five informational tables that increased awareness and allowed one-on-one interactions with the community.

School Outreach

Environmental education promotes public awareness and increases knowledge of environmental issues. The earlier environmental education is provided, the more likely that it will have a strong effect on an individual's values, and in turn, influence their lifestyle. As such, the MRWG performed outreach to elementary school students by offering pollution prevention presentations to schools throughout the area. For school assemblies, the MRWG designed an interactive presentation complete with a charades game, live animal displays, and prizes. These assemblies taught children about stormwater pollution, the Mojave River Watershed, and how pollution can negatively impact the High Desert Community, nature, and local wildlife. Most importantly, each child at the assembly learned what they can do personally to protect the watershed, including picking up after their pets, sweeping/removing lawn clippings, recycling, and picking up litter.



The presentation utilized an interactive slideshow. This interactive slideshow connects students with their surroundings, teaching them about the storm drain system and how litter in the Mojave area impacts the surrounding rivers. The presentations introduced students to stormwater pollution and the direct impact their actions have on the environment. It stressed responsibility and awareness within communities and offered ways in which students could help improve their surroundings. Presentations were also a call to action. The program continued an “Official Stormwater Trooper” Workshop for the students, to encourage them to take pride in their community and take action to keep it pollution free.

Capitalizing on learning at the assembly, MRWG developed two interactive curriculum packets, one for students in kindergarten to third grade and the other for

students in fourth to sixth grade, and distributed them to 120 teachers for use in the classroom. The presentation stressed the importance of putting their knowledge to use in the real world and this was demonstrated through school wide clean-up days.

This year, MRWG was able to continue a partnership with Dr. Mike Glassey, a Fort Irwin wildlife biologist, and secure new partnerships with various community organizations including the Hesperia Animal Control, Victorville Animal Protective League, and Apple Valley Animal Shelter. These partnerships were able to attend the school assemblies with barn owls, red-tailed hawks, rattlesnakes, desert tortoises, millipedes, spiders, dogs, and cats. By bringing the animals to the assemblies, students were able to better understand the impacts stormwater pollution, as many of the animals were rescued, some due to illnesses relating to chemicals in water such as pesticides and fertilizers.

Thanks to MRWG's interactive workshop, three school cleanup events were planned, staffed and executed with area schools from Discovery Elementary, Phoenix Academy, and Yucca Loma Elementary. As part of these events, Burrtec and Advance Disposal, a partner of the MRWG, was able to identify locations and provide bags and gloves for students to wear.

MRWG also partnered with Victor Valley College to host a cleanup day led by the Associated Student Body (ASB), Native American club, journalism club, and other leadership teams. Students cleaned up trash from areas surrounding the Mojave River and have also committed to host another cleanup event during the coming school year.



Additional outreach activities included developing and distributing 15 newsletter articles, both in English and



Spanish, encouraging

parents to talk to their children about stormwater pollution education and to take an active role in guiding environmentally conscientious children. MRWG also participated in two science fairs at the district level and awarded two individuals with the MRWG's Top Water Award. Both districts were thrilled to have MRWG participate during the science fair assemblies and invited MRWG to return again next year.

Media/Social Media Outreach

The program utilized traditional media and social media to appeal to the different age groups of the residents within the MRWG area. While traditional media outlets (i.e., newspapers, radio, etc.) appeal to older generations and usually do not ignite conversations, social media encourages full engagement and promotes behavior change through interactions with others in the community. To reach out to all audiences of the High Desert, MRWG used both media platforms to communicate messages for preventing stormwater pollution.

Throughout the fiscal year, MRWG capitalized on the group's effort and secured four traditional media stories. Ranging from full feature articles in daily newspapers to photo spotlights, MRWG's positive coverage has kept the organization in front of the public.

Social media played a major role in communicating with the High Desert public. A Facebook page was maintained to generate conversations about stormwater, gain feedback through the use of polling, and provide a forum for our audiences to communicate and share photos with one another. Of MRWG's 174 Facebook followers, nearly 60 percent are female between the ages of 25 and 34. These numbers are helpful in working to expand the page in the coming years to become a useful tool to educate the public.

A Twitter account, under the username @MojaveRiver, is another active social media outlet that focuses on sharing more timely information including science fair ideas, stormwater pollution prevention tips, quizzes about household hazardous waste collection facilities and more. Using hash tags and mentioning partners in tweets posted this year have helped continually connect MRWG with its stakeholders.

This year, MRWG launched a Pinterest page. The platform now houses 11 boards focused on a variety of topics, including desert landscaping ideas, environmental Do It Yourself (DIY) projects, classroom learning, and student shout outs. MRWG has secured a solid foundation of 48 followers and expect to expand in the following years.

Additionally, this year MRWG was able to secure ten pro-active advertisements in the form of stormwater slides on public access channels that aired throughout the High Desert Community.

MRWG Website

The MRWG continued to update the website (www.mojaveriver.org) to inform website visitors of any local events related to stormwater pollution education. This website is a resource for residents, businesses, and City, Town, and County representatives to access information related to stormwater pollution and the Mojave River Watershed. It is also a source of news and information on the program's efforts to reduce stormwater pollution. It provides information on what residents, businesses, and developers can do to prevent stormwater pollution. The website has links to:

- General Information;
- Pollution Prevention Tips;
- Household Hazardous Waste and Oil Recycling;
- Pollution Reporting;
- School Outreach Materials;
- Educational and Reference Materials;
- Event Calendars; and
- MRWG's Facebook, Twitter, and Pinterest feed.



Google Analytics indicated that the most visited pages on the website this year were the Mojave River pollution quiz and resident pages. The high popularity in the residents pages shows people are more interested in how they can make a difference in the community. In addition to an overview of available environmental assemblies, the school tab includes a photo page housing images of school outreach that depict charade games, presentations, and animal encounters. Educational videos are useful for teachers looking to visually show children the sensitivity of the High Desert natural habitat and the science fair resource page offers sample water-related science fair projects and books students can refer to for project ideas.

MRWG is looking to increase the interactivity of the website in the coming months and have established partnerships with local high schools and their science/video clubs to produce their own stormwater informational videos to be included on the site. The website address was also included on the distributed outreach materials to increase page visits.

3.1.2 Summary of BMPs

Environmental Outreach Booths at Local and Regional Events

Table 3-1 summarizes the outreach materials disseminated at the six community outreach events. Seven hundred and fifteen signed pledge forms were received from event goers pledging to implement stormwater pollution prevention practices.

Table 3-1 Outreach Materials Distributed via Environmental Outreach Booths	
Educational Materials	Quantity Distributed
Tip Cards	2,550
Pledge Forms	715
Workshop Flyers	121
Science Fair Flyers	54

Combined Homeowner and Business Outreach Program and Material Distribution

Partnerships were maintained with 132 garden centers/nurseries, paint stores, service businesses, home improvement stores, auto shops, community locations, and pet facilities to disseminate outreach materials within the local community. The MRWG worked with stores to train more than 44 employees on BMPs and the proper disposal of pesticides, fertilizers, paint, and pet waste, furthering their ability to pass on these pollution prevention messages to their customers. Table 3-2 highlights the business types and number of partnerships the MRWG has been able to establish and maintain.

Table 3-2 Business Outreach Efforts and Partnerships	
Business Type	Number of Partnerships
Garden Centers/Nurseries	11
Paint/Home Improvement Stores	17
Service Businesses	29
Auto Shops	36
Community Locations	9
Pet Facilities	30

The results in Table 3-3 illustrate the number of prizes and giveaway items that were donated to the program through the MRWG's partnership with 132 garden centers/nurseries, paint stores, service businesses, home improvement stores, auto shops, community locations, and pet facilities. The 271 items that were collected were used as promotions in workshops, community outreach events, and social media contests.

Table 3-3 Donation Items Collected	
Business Name	Items Secured
Golden Corral	(2) Buffet Tickets
Oggi's Pizza and Brewing Company	(1) Dine-In Certificate
John's Incredible Pizza Company	(2) Buffet Tickets
Amy's Mexican Restaurant	(1) \$10 Gift Certificate
Phoenix Academy	(20) Trash Bags; (20) Gloves
City of Victorville	(100) Trash Bags; (25) Gloves
Yucca Loma Elementary	(50) Trash Bags; (50) Gloves



Table 3-4 illustrates the number of outreach materials distributed to homeowners through the MRWG's partnerships with garden centers/nurseries, paint stores, home improvement stores, auto shops, community location, and pet facilities.

Table 3-4 Outreach Materials Distributed via Local Businesses	
Educational Material	Quantity Distributed
Construction Tip Card	1,000
Fertilizer Tip Card	2,500
Pesticide Tip Card	2,500
Pet Tip Card	2,800
Paint Tip Card	3,000
Total	11,800

School Outreach

The MRWG conducted school presentations to ten elementary and middle schools and 3,909 students in Fiscal Year 2012-13. Table 3-5 documents the schools that participated in the outreach program and number of students educated at each assembly.

Table 3-5 Elementary School Presentations				
Name of School Location	City/Area	Number of Assemblies	Number of Students Educated	Number of Classrooms Educated
Del Rey Elementary 15332 Del Rey Drive	Victorville	2	600	20
Juniper Elementary 94001 "I" Avenue	Hesperia	1	500	17
Yucca Loma Elementary 21351 Yucca Loma Road	Apple Valley	3	320	11
Mountain View Montessori Charter School 12900 Amethyst Road	Victorville	3	164	7
Village Elementary School 15205 Ashley Glen Drive	Victorville	4	600	20
Phoenix Academy 20700 Thunderbird Road	Apple Valley	2	570	19
Lime Street Elementary 16852 Lime Street	Hesperia	3	900	30
Discovery School of Arts 13247 Amethyst Road	Victorville	1	65	2
Brentwood School of Business and Leadership 13962 Hook Boulevard	Victorville	3	160	5
Eucalyptus Elementary 11224 10th Avenue	Hesperia	2	30	3
Total:		24	3,909	134



Media/Social Media Outreach

Table 3-6 summarizes the MRWG's implementation of its Social Media Outreach. Social Media was an effective tool for reaching out to High Desert residents and encouraging stormwater pollution prevention awareness. Facebook messages are similar to Twitter messages but include a higher likelihood of interactivity. Polls ask followers if they pick up after their pets, news stories provide background and a call to action, and tips help people make a difference in their community.

Table 3-6 Social Media Interaction Summary	
Twitter Account (@MojaveRiver)	Measures
Tweets	408
Followers	256
Following	189
Facebook Account	Measures
Followers	178
Pinterest Account	Measures
Followers	36

MRWG Website

The program revamped the www.mojaveriver.org website to make it more informative, entertaining, and intuitive. The website includes links to the MRWG's social media accounts and a school outreach section with assembly photos, educational videos, and science fair resources. The MRWG also incorporated an electronic Google calendar for residents and businesses to be informed of events taking place within the High Desert Region such as Household Hazardous Waste Drop-Off events. The website also includes educational materials, such as posters, tip cards, shelf talkers, and tear sheets containing pollution prevention information for download in PDF format to be printed and easily used.

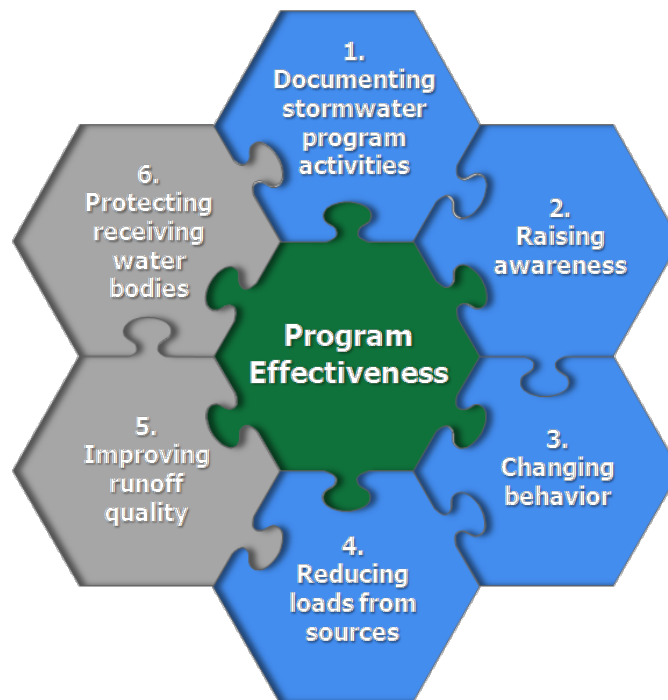
3.1.3 Program Effectiveness

Assessment methods are the specific activities, actions, or processes used to obtain and evaluate assessment data or information. For MCM 1, Public Education and Outreach, the effectiveness assessment methods used include confirmation, tabulation, surveys, and quantification. These methods can be summarized as follows:

- Confirmation consists of documenting whether an activity or task has been completed to document compliance with activity-based permit requirements.
- Tabulation consists of simple accounting and can be expressed in both absolute and relative terms. This method relies on recordkeeping and is useful in documenting trends over time.
- Surveys encompass a variety of methods designed to discern knowledge, attitudes, awareness, or behaviors of a specific target audience. Surveys gather a sample of data that is representative of a group by asking questions of a target audience.
- Quantification refers to efforts to quantify reductions in loading or runoff discharges, or improvements in environmental quality. There are two main approaches for using quantification methods, quantity tracking and pollutant load estimation.

The overall effectiveness of the Public Education and Outreach Program was at Outcome Levels 1 (Documenting Activities), 2 (Raising Awareness), 3 (Changing Behavior), and 4 (Reducing Source Loads).





Environmental Outreach Booths at Local and Regional Events

The effectiveness of the environmental outreach booths at the six outreach events are considered to be at Outcome Levels 1, 2 and 3. The MRWG concludes that these outcome levels were reached through one-on-one interactions with event attendees and the dissemination of outreach materials to residents. The shift in focus from raising public awareness to changing behaviors resulted in 715 signed commitment letters to follow a set of guidelines to prevent stormwater pollution in the High Desert Community, a significant increase from the amount of pledges received in the previous Fiscal Year.

Combined Homeowner and Business Outreach Program and Material Distribution

Homeowner and business outreach activities performed by the MRWG met the requirements of the Phase II Small MS4 General Permit and reasonably raised the target audience's awareness and understanding of stormwater pollution prevention measures. It is realistic to deduce that the effectiveness of the combined homeowner and business outreach program conducted in partnership with garden centers/nurseries, paint stores, service businesses, home improvement stores, auto shops, community locations, and pet facilities can be assessed as Outcome Levels 1, 2, and 3. As described in Section 3.1.1, the MRWG was able to document, distribute outreach materials, and interact with residents, business owners, and employees at 132 different locations. Based on the findings of the other MCMS, continued efforts and measures were taken to focus the outreach program in areas that provide the greatest opportunity to improve stormwater quality. These program areas included the following:

- Train Store Staff – Emphasis was put on educating owners, managers, and employees on stormwater pollution while conducting outreach. Once educated, store staff are seen as experts by the customers and serve as catalysts to spread the stormwater pollution prevention message to “do-it-yourselfers” who may be unintentionally engaged in various polluting activities during their home improvement projects. By having staff deliver the stormwater pollution prevention message, the program has the advantage of “the messenger” constantly being at the customers' disposal, thereby being able to effectively reach and educate a large group of potential polluters.

- Attend Additional Community Events – Staffed a booth at the six outreach events to target the “do-it-yourself” audience on how to prevent stormwater pollution.

School Outreach

The elementary school presentations have effectively resulted in Outcome Levels 1, 2, 3, and 4 being achieved as a result of documented implementation, and a heightened sense of awareness and understanding. The MRWG partnered with local agencies, such as the Mojave Water Agency, Fort Irwin Biologists, Victorville City Library, Mojave Environmental Education Consortium, and Forever Wild Exotic Animal Sanctuary to fortify its educational outreach program. Presentations reached ten elementary schools and 3,909 students, which took a pledge to be Stormwater Troopers and take pride in their community by keeping it pollution free. Students from local elementary and middle schools, and colleges partnered with the MRWG to host various clean-up events, collecting trash from the Mojave River. Reported collection totals include: 940 pounds by Discovery Elementary; 680 pounds by Victor Valley College; 23 pounds by Phoenix Academy, and 75 pounds by Yucca Loma.

Media/Social Media Outreach

Outcome Levels 1 and 2 were attained with the Media/Social Media Outreach. The MRWG’s Facebook and Twitter profiles provided links to educational material that raised stormwater pollution awareness and offered tips and alternatives to reducing environmental impacts. The profiles also posted surveys and quizzes to engage site visitors to think about their behaviors and the importance of improving water quality and preserving local receiving water bodies. The results of these surveys and quizzes will serve as a baseline for future program effectiveness assessments.

MRWG Website

Outcome Levels 1 and 2 were attained with the MRWG website. Outreach materials distributed at community events, schools, and business partner locations all refer to the MRWG website for additional information to raise the public’s awareness and understanding of stormwater pollution prevention measures and where to properly dispose of household hazardous waste. During this reporting period the website new viewer activity increased 30 percent over last year’s figures. Furthermore, the percentage of traffic accessing the site directly saw a major jump over the past year. Previously, only 20 percent of the visitors reached the site directly, but, as a result of increased outreach, direct site traffic was responsible for 70 percent of the site visitors; ***a 250% increase in direct traffic from the previous year.***

Conclusion on Overall Public Education and Outreach Program Effectiveness

The Public Education and Outreach Program is deemed to be effective at various levels, Outcome Levels 1 (Documenting Activities), 2 (Raising Awareness), 3 (Changing Behavior), and 4 (Reducing Loads from Sources) for differing outreach efforts. The comprehensive Public Education and Outreach Program is effective and will continue to foster a greater sense of awareness and understanding among Mojave River Watershed homeowners and businesses with regard to stormwater pollution and the impacts associated with specific actions. It is the goal of the MRWG that this heightened sense of awareness will translate into changing behaviors that result in reduced pollutant loads to the MS4 and receiving water body.

3.1.4 Proposed Program Modifications

The MRWG is reviewing renewal permit requirements to identify necessary program modifications.

3.2 MCM 2 – Public Involvement and Participation

The public can provide valuable input and assistance to the implementation of a stormwater program; therefore, the public is given opportunities to play an active role in both the development and implementation of the Mojave River Watershed Program. An active and involved community is crucial to the success of a stormwater program because it allows for:

- Broader public support since citizens who participate in the development and decision making process are partially responsible for the program and, therefore, may be more likely to take an active role in its implementation;
- Shorter implementation schedules due to fewer obstacles in the form of public and legal challenges and increased resources in the form of citizen volunteers;
- A broader base of expertise about economic benefits and free intellectual resource; and
- A conduit to other programs as citizens involved in the stormwater program provides cross-connections and relationships with other community and government programs. This benefit is particularly valuable when trying to implement a stormwater program on a watershed basis.

3.2.1 Implementation Status

Public Involvement and Stakeholder Participation

Water supply and water quality are issues that resonate with the High Desert community. The MRWG actively pursued opportunities involving the coordination of activities amongst themselves and with other area stakeholders with similar goals and agendas. The involvement of a diverse cross-section of people has been effective in terms of providing invaluable connections, further feedback, and information sources related to stormwater pollution prevention. Permittees continued to work collectively with stakeholders to preserve water quality in the High Desert. Permittees were active in participating with the following stakeholders during this reporting year:

- Mojave Water Agency Technical Advisory Committee Meetings – Permittees participated in meetings coordinated through the Mojave Water Agency Technical Advisory Committee. This group is made up of water purveyors, farmers, property owners, and other community stakeholder groups in the High Desert.
- Alliance for Water Awareness and Conservation Meetings – Permittees participated in meetings with this regional water conservation group. The Alliance for Water Awareness and Conservation is an organization which actively provides water-related public information through workshops, publications, monthly newspaper articles, and displays.
- San Bernardino County Flood Control District, Zone 4 Meeting – Permittees participated in the Flood Control District, Zone 4 Advisory Committee Meeting, which is comprised of a wide cross-section of stakeholders groups, political, and community leaders in the High Desert community.
- Mojave River Watershed Group Meetings – Twelve meetings were held among the Permittees for this reporting year, which were made open to other stakeholders.

Annual Public Workshop

On November 15, 2012, the MRWG hosted the 8th Annual Public Stormwater Workshop at the City of Victorville, City Hall. Residents, business and building community members, industry representatives, and elected officials from San Bernardino County, the Town of Apple Valley and the Cities of Hesperia and Victorville were invited to participate at the workshop and present information on the MRWG program and listen to public feedback. The main topics discussed at the workshop included an overview of the stormwater permit and management plan, required compliance practices, and a review of the eighth year annual report. A copy of the workshop flyer and sign-in sheet is included in Appendix A.

Litter Clean-Up and Recycling Events

The MRWG organized various clean-up days throughout the community. In this community effort to pick up litter, volunteers came together to dispose of mattresses, appliances, furniture, household trash, yard waste, and E-waste. Amnesty days were also hosted and allowed residents to properly dispose of tires. The MRWG also organized Shred-Fest events, which allowed residents to shred confidential documents for free. The various events hosted by the MRWG helped reduce the amount of litter in the community.

The Town of Apple Valley organized one Community Clean-Up Day that invited community service organizations, schools, clubs, and individual volunteers to participate in cleaning up designated areas. In this Town-wide effort to pick up litter, volunteers came together on April 20, 2013, to dispose of mattresses, appliances, and furniture. Household trash, yard waste, and construction debris was taken to the Victorville landfill free of charge. An estimated 300 volunteers helped during the April 20, 2013 event and were able to dispose of 28.53 tons of trash and 1.5 of recycled metal in the course of one day. The Town of Apple Valley also hosted a Neighborhood Clean-Up on January 26, 2013.

The City of Hesperia held a Bi-Annual Citywide Clean-Up Day on October 27, 2012, which brought together more than 336 volunteers who cleaned the City by collecting 405 bags of waste and 84 tires. A second Bi-Annual Citywide Clean-Up Day took place on April 13, 2013 and 253 volunteers collected a total of 422 bags of waste. The City held two ewaste events allowing residents to discard over 2.37 tons of electronic devices free of charge on January 5-6, 2013 and June 22-23, 2013. The City of Hesperia also offered a bulky item pick up service, which picked up over 361.6 tons of waste from residents. In the past, the City of Hesperia has held Tire Amnesty Days, which are grant funded; however during this fiscal year the City did not receive a the grant. Instead, the City retrieved more than 1,747 illegally dumped tires throughout the City during the year to be recycled.

The City of Victorville hosted Shred-Fest events at the Victor Valley Materials Recovery Facility (MRF) on August 4, 2012, November 3, 2012, February 2, 2013, and May 4, 2013. Residents were encouraged to drop off old televisions, computers, appliances, scrap metal, paper, plastic, glass, cardboard, newspaper, and shred documents. The City hosted a Celebrate Earth Day event at the MRF on May 4, 2013, where Victor Valley residents exchanged files to be shred for one full trash can of compost and mulch. This event included free "Mini Demos" on recycling, composting, environmental education, and recycled crafts. It was also a "Tire Amnesty" day, where, with proof of residency, people could dispose of nine tires, free of charge. Additionally, the City of Victorville hosted two community clean-up days on October 20, 2012, where over 800 volunteers cleaned-up 11.22 tons of trash from the City streets and on April 13, 2013.

3.2.2 Summary of BMPs

Public Involvement and Stakeholder Participation

The MRWG continued to work with other area stakeholders to preserve High Desert Region water quality. Table 3-7 identifies MRWG attendance at other regularly scheduled and pertinent stakeholders meetings.

Table 3-7 Area Stakeholder Meetings Attended				
Organization/Stakeholder	Meetings Attended			
	AV	H	V	SBC
Mojave Water Agency Technical Advisory Committee Meetings	0	7	0	7
Alliance for Water Awareness and Conservation Meetings	0	10	0	4
San Bernardino County Flood Control District, Zone 4 Meetings	4	3	0	1
Mojave River Watershed Permittee Meetings	12	9	12	11

Annual Public Workshop

Permittees successfully engaged the public during this workshop to obtain helpful input on how to further involve the public in the implementation of the stormwater management program and answer community questions related to established stormwater regulations and their impacts on local businesses.

Litter Clean-Up and Recycling Events

The Town of Apple Valley and the Cities of Hesperia and Victorville each organized two large clean-up events during the 2012-13 Fiscal Year. Permittees also hosted and promoted multiple recycling events targeting e-waste, newspapers, and green waste.

3.2.3 Program Effectiveness

The overall effectiveness of MCM 2, Public Involvement and Participation, can be characterized as reaching Outcome Levels 1, 2, 3, and 4.

Public Involvement and Stakeholder Participation

Permittee involvement in the various stakeholder meetings has provided the MRWG with an opportunity to share information about the stormwater management efforts of the member agencies and foster relationships with other stakeholder participants to jointly spread information about stormwater pollution prevention and permit compliance. Through stakeholder workshops and other public outreach efforts, Permittees have been able to connect the stormwater pollution message with other efforts within the watershed. These collaborative efforts can be viewed as raising the awareness and understanding of citizens, area stakeholders, and community leaders to further disseminate the stormwater pollution prevention message.

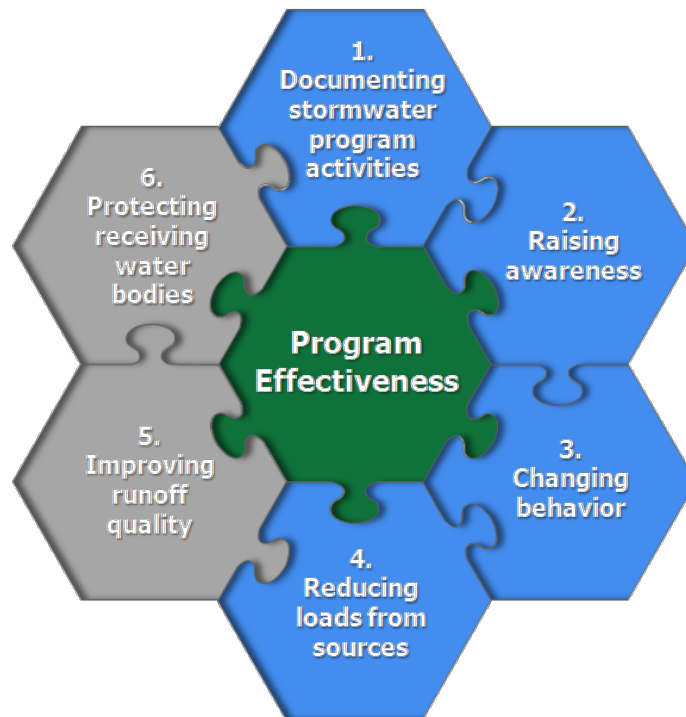
Annual Public Workshop

Community involvement through the Annual Public Workshop can be viewed as being effective and achieving Outcome Levels 1 and 2. Permittees issued press releases and distributed flyers to announce the 8th Annual Public Workshop event. Members of the High Desert community, including businesses, builders, and MRWG agency officials participated in the workshop. It can be inferred that workshop participants gained a heightened sense of awareness and understanding as a result of actively participating in the workshop and providing input to the MRWG.

Litter Clean-Up and Recycling Events

Outcome Levels 1, 2, 3, and 4 were achieved with the Litter and Clean-Up and Recycling Events. High Desert community residents physically reduced the amount of waste from their neighborhoods which were potential stormwater pollutant sources.





3.2.4 Proposed Program Modifications

The MRWG is reviewing renewal permit requirements to identify necessary program modifications.

3.3 MCM 3 – Illicit Discharge Detection and Elimination

The goal of the Illicit Discharge Detection and Elimination (IDDE) Program is to detect, respond to, investigate and eliminate illicit discharges and illicit connections, and conduct enforcement so that the discharge of pollutants to the storm drain system is prevented, controlled, and mitigated to the MEP. Illicit discharges can be attributed to illegal dumping and non-stormwater discharges originating from illegal connections to the MS4. These discharges can potentially contain pollutants that may impact receiving water quality. The baseline objectives of this program are:

- Incidental spills or disposal (including septic system failures, sanitary sewer leaks, or overflows) reported by the public and other agencies, or observed by Permittee field staff during the course of their normal daily activities will be investigated, contained, and cleaned up.
- Prohibited non-stormwater discharges to the storm drain system reported by the public and other agencies, or observed by Permittee field staff during the course of their normal daily activities will be eliminated through voluntary termination or enforcement action.
- Suspected prohibited non-stormwater discharges in the storm drain system reported by the public and other agencies, or observed by Permittee staff during the course of their normal daily activities, that may result from illicit connections or whose origin is unknown, will be investigated to determine the nature and source of the discharge and eliminated through voluntary termination or enforcement action.

3.3.1 Implementation Status

The objectives of MCM 3, Illicit Discharge Detection and Elimination, were reached in accordance with the SWMP. Program accomplishments included implementing an effective public education and outreach campaign to educate residents about the impacts of illicit discharges and proper methods of household hazardous waste disposal, maintaining legal authority to enforce the IDDE program, conducting investigations of reported illicit discharges, and following through with appropriate enforcement actions.

Increase Public Awareness of IDDE

The MRWG was able to effectively increase public awareness of illicit discharges through the implementation of the Public Education and Outreach Program described in Section 3.1.1. The education and outreach activities conducted through MCM 1 included the distribution of educational brochures and other handouts that contained messages about the improper disposal of materials and non-stormwater discharges to the storm drain system. These educational materials also referenced the MRWG website, where citizens can report observed water pollution activities and retrieve additional information on pollution prevention practices. The household hazardous waste collection program provides residents with a legal and cost-effective way to dispose of unwanted household chemicals that cannot be disposed with regular trash. Educational materials also included the watershed's 1-800-CLEANUP hotline number for the general public to report spills and other discharges. Efforts conducted under MCM 2 also helped to spread the message about eliminating illicit discharges and illegal dumping.

IDDE Implementation and Procedures

The Mojave River Watershed can be characterized as a region with soils that rapidly infiltrate urban and stormwater runoff. In addition, the region's requirement for developed properties to retain stormwater runoff from a 100-year storm event prevents spills and other non-stormwater discharges from ever reaching the MS4. As a result of these typical conditions found throughout the watershed, a limited number of illicit discharges have been detected by the MRWG member agencies.

However, for those instances when an illicit discharge or connection is detected, the MRWG has developed effective policies and procedures to prevent and manage the discharge of pollutants to the storm drain system. These include a comprehensive public education and outreach program, field investigations, complaint responses, incident response and tracking, enforcement, and municipal staff training. Member agencies developed an Area-Wide Enforcement Response Guidance manual to assist in taking enforcement actions for stormwater quality deficiencies and violations. This manual has been adapted to supplement MRWG agency enforcement policies and may be modified at the discretion of each member agency in accordance with their internal practices, policies, and procedures.

Permittees respond to all reported illegal discharges and the County of San Bernardino continues to operate a 24-hour water pollution reporting hotline, 1-800-CLEANUP and website reporting system. The County also established a partnership with "We Tip" to encourage citizens to turn in illegal dumpers by calling 1-800-78-CRIME. "We Tip" is a national nonprofit organization, with operators to take anonymous tips from within the United States, Puerto Rico and the Virgin Islands. A \$25,000 reward program exists to reward individuals that provide information leading to the arrest and conviction of illegal dumpers.

IDDE Legal Authority

The MRWG member agencies have adequate legal authority through existing municipal codes and ordinances to implement and enforce the IDDE Program and mitigate illicit discharges such as illegal dumping, industrial/business connections, non-stormwater discharges, and sanitary sewer overflows.

3.3.2 Summary of BMPs

Increase Public Awareness of IDDE

A detailed summary of the BMPs implemented under MCM 1, Public Education and Outreach, and MCM 2, Public Involvement and Participation, are described in Sections 3.1.2 and 3.2.2, respectively. These educational activities included community event booths with displays conveying proper disposal of trash and household hazardous waste, outreach materials distributed at business locations which listed locations of household hazardous waste centers and encouraged proper disposal of potential pollutants, interactive school presentations on stormwater pollution and the impact that human actions have on the environment, and available resources on the MRWG website. These educational activities incorporated a pointed message about illicit discharges and the impacts that they have on the environment.

IDDE Implementation and Procedures

As listed in Table 3-8, the MRWG has fourteen household hazardous waste collection centers, or automotive facilities, where residents may properly dispose of unwanted medications, paint, motor oil, antifreeze, automotive batteries, lawn and pool care products, or drain and household cleaners.

Table 3-8 Household Hazardous Waste and Used Oil Collection Centers			
Name Location	City/Area	Days of Operation	Times Open
Apple Valley HHW Collection Center 13450 Nomwaket Road	Apple Valley	Saturdays	10 am to 2 pm
Auto Zone #2844 20158 Outer Highway 18	Apple Valley	Monday - Saturday Sunday	7:30 am to 10 pm 8 am to 8 pm
Auto Zone #5605 20878 Bear Valley Road	Apple Valley	Monday - Saturday Sunday	7:30 am to 10 pm 8 am to 9 pm
Certified Tire & Service Centers Inc. 18878 Tao Road	Apple Valley	Monday - Friday Saturday/ Sunday	7:30 am to 6 pm 8 am to 5 pm 8 am to 4 pm
City of Barstow Corporation Yard 900 South Avenue H	Barstow/ Unincorp. County	Saturdays	9 am to 2 pm
Hesperia Fire Station 17443 Lemon Street	Hesperia	Tuesday & Thursday Saturday	9 am to 1 pm 9 am to 3 pm
Jiffy Lube #2970 18737 US Highway 18	Apple Valley	Monday - Saturday Sunday	8 am to 6 pm 8 am to 5 pm
Jiffy Lube #3277 20754 Bear Valley Road	Apple Valley	Monday - Saturday Sunday	8 am to 6 pm 9 am to 5 pm
O'Reilly Auto Parts 20968 Bear Valley Road	Apple Valley	Monday - Saturday Sunday	7:30 am to 10 pm 8 am to 9 pm
Recycling and Drop Off Center 15134 Anacapa Road	Victorville	Monday - Friday Saturday	8 am to 4 pm 8 am to 12 pm
Victor Valley Material Recovery Facility "Recycle Alley" 17000 Abbey Lane	Victorville	Monday - Friday Saturday	8 am to 4 pm 8 am to 12 pm
Victorville Fire Department East of Desert Knoll Dr. on Loves Lane	Victorville	Wednesday & Sunday	9 am to 4 pm
Victorville Landfill 18600 Stoddard Wells Road	Victorville	Monday - Saturday	8 am to 5 pm



Table 3-9 documents the number of illicit discharges reported and investigated by each MRWG member agency and the results of each recorded incident.

Table 3-9 Illicit Discharges Reported and Resolved				
Permittee	Illicit Discharges Reported	Illicit Discharges Resolved ¹	Resulted in Enforcement Action	Resolution Rate
Town of Apple Valley	0	0	0	-
City of Hesperia	135	129	113	96%
City of Victorville	0	0	0	-
County of San Bernardino	0	0	0	-

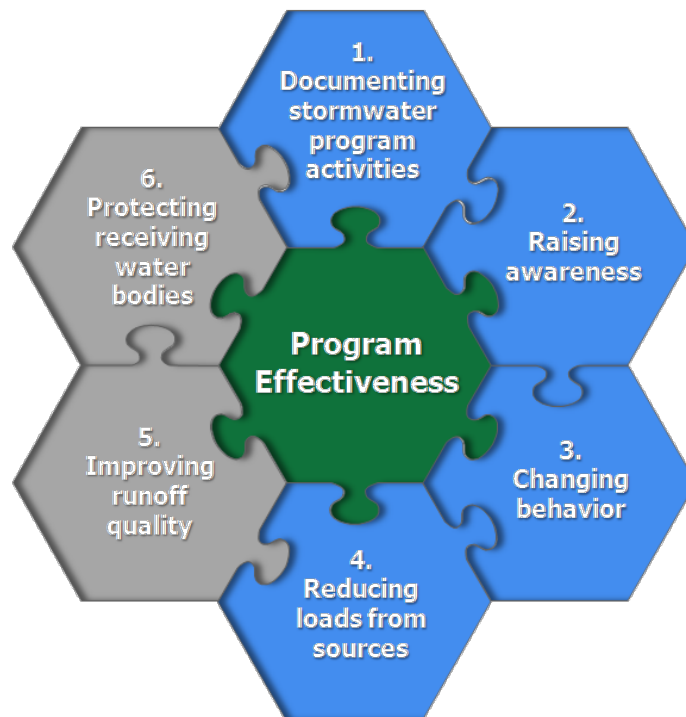
¹ Member agencies are unable to resolve illicit discharges when the discharger is unknown or cannot be identified (e.g. dumping)..

IDDE Legal Authority

Permittees conducted a review of existing municipal codes and ordinances to confirm adequate legal authority to implement and enforce the requirements of the IDDE Program.

3.3.3 Program Effectiveness

The overall effectiveness of MCM 3, Illicit Discharge Detection and Elimination, was assessed at Outcome Levels 1, 2, 3, and 4.



Increase Public Awareness of IDDE

The MRWG was able to effectively increase the public’s awareness and understanding of illicit discharges and their associated impacts to water quality through the implementation of various public education and

outreach methods described in Sections 3.1.1, 3.2.1, and 3.3.1. The outreach efforts connected with the IDDE Program were determined to be at Outcome Levels 1, 2, 3, and 4. The Outcome Levels achieved for the public awareness component of the IDDE Program is confirmed through the documentation of outreach materials distributed to Mojave River Watershed residents and businesses, improved level of awareness as a result of one-on-one interactions during community events, and reduced loads as a result of residents properly disposing their household hazardous waste at designated collection centers. In addition, the MRWG website and 1-800-CLEANUP and 1-800-78-CRIME hotlines supplemented the outreach materials distributed and assisted in raising public awareness while facilitating the public's ability to reduce pollutant loads by reporting illicit discharges and illegal dumping to the Permittees. During the 2012-13 Fiscal Year, 100 tips were received through 1-800-CLEANUP. These tips included dumping and/or littering on private property, littering, and identified and/or suspected dumpers. In addition, the 1-800-78-CRIME hotline generated six reports for Illegal Dumping or Toxic Illegal Dumping each in the Town of Apple Valley and City of Victorville, while the City of Hesperia had one reported incident. Reports for County areas are not specific to the watershed and were therefore not summarized here.

IDDE Implementation and Procedures

A limited number of illicit discharges have been detected by the MRWG member agencies. Due to the geologic and geographic properties throughout the watershed, where properties have onsite retention or detention facilities and dry wells, IDDE is focused on illegal dumping and the occasionally observed or reported nuisance flow that makes it off a given property.

Program effectiveness Outcome Levels 1, 2, 3, and 4 have been attained through the implementation of the IDDE Program. MRWG member agencies have documented the number of suspected illicit discharge inspections conducted and resolved, the number of enforcement actions taken, established and maintained a hotline and website for reporting water pollution, identified problem areas with a storm drain map detailing the watershed's high risk threat zones, tracked the number of illegal discharge clean-ups, and recorded the training of inspectors and responders, see Table 3-10. In addition, the County of San Bernardino has gone beyond the requirements of the Phase II Small MS4 General Permit to include the inspection of County unincorporated areas outside the permit boundary for potential IDDE incidents.

Table 3-10 Illicit Discharges Detection and Elimination Related Trainings	
Permittee	Personnel-Trained
Town of Apple Valley ¹	0
City of Hesperia ²	28
City of Victorville	0
County of San Bernardino	123

¹ The Town of Apple Valley held individual training sessions, but no formal group general MS4 Permit training sessions.

² The City of Hesperia personnel also attend tailgate meetings every two weeks to discuss sanitary sewer system related issues.

The MRWG effectively raised public awareness about illicit discharges and illegal dumping, resulting in very few illicit discharge complaints. Permittees assume that the low number of recorded complaints via the website and hotlines, and moderate numbers by residents and Permittee staff during the course of their normal daily activities are a result of post-construction BMPs infiltrating urban and stormwater runoff onsite prior to reaching the MS4.

A change in public behavior and source load reduction has been identified through the number of residents making use of the household hazardous waste and used oil collection centers. Over 438 tons of household hazardous waste was collected at these locations during Fiscal Year 2012-13. Table 3-11 documents the amount of materials collected and prevented from entering the MS4.



Table 3-11 Quantity of Materials Collected at Household Hazardous Waste and Used Oil Centers	
Household Hazardous Waste Collection Center Location	Quantity of Material Collected (Tons)
Town of Apple Valley	126
City of Hesperia	87
City of Victorville	123
Unincorporated County of San Bernardino	102
Total	438

IDDE Legal Authority

Program effectiveness Outcome Level 1 was achieved for this measurable goal. Permittees conducted a review of existing municipal codes and ordinances to confirm adequate legal authority to implement and enforce the requirements of the IDDE Program.

3.3.4 Proposed Program Modifications

The MRWG is reviewing renewal permit requirements to identify necessary program modifications.

3.4 MCM 4 – Construction Site Stormwater Runoff Control

The purpose of the Construction Site Stormwater Runoff Control Program is to reduce pollutants from construction activities that result in a land disturbance of greater than or equal to one acre. The MRWG agencies utilize a planning, review, an inspection process, similar to the sketch shown in Figure 3.4, to monitor the implementation of Construction Site Stormwater Runoff Control Program elements.

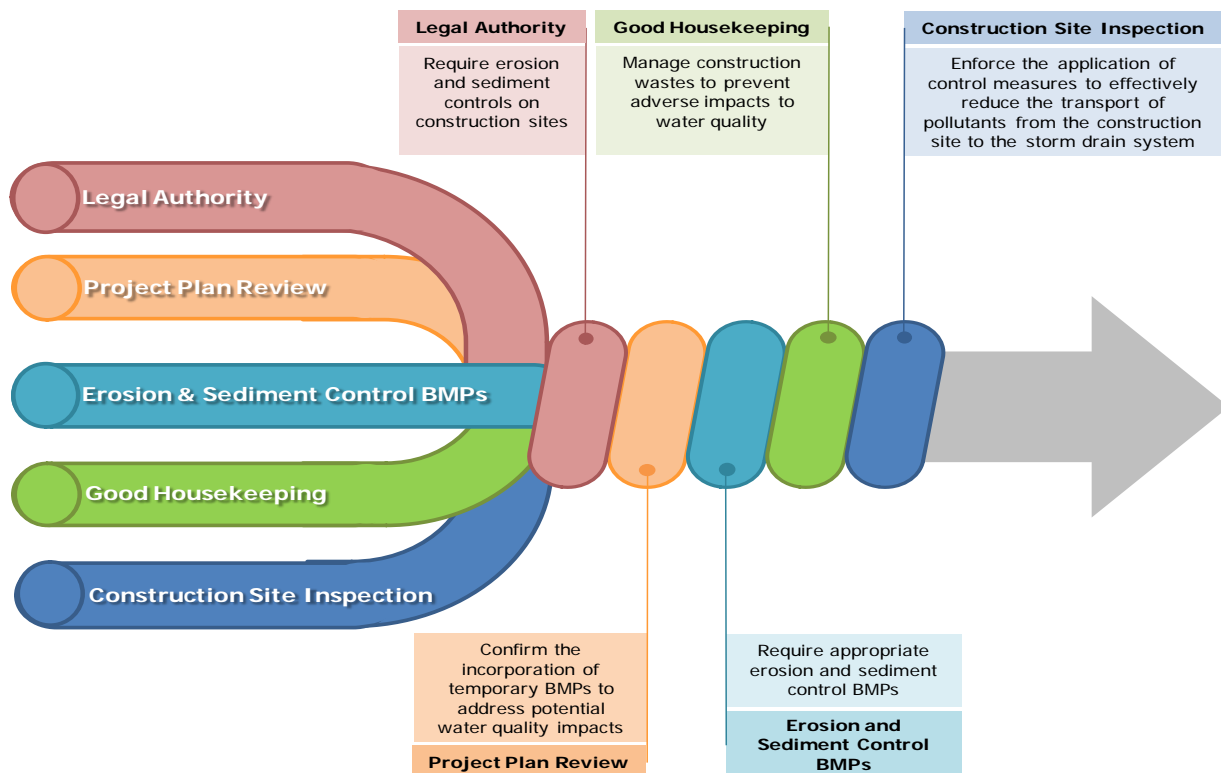


Figure 3-4 MRWG Construction Site Stormwater Runoff Control Program

3.4.1 Implementation Status

Objectives for MCM 4, Construction Site Stormwater Runoff Control Program, were accomplished by the Permittees through the implementation of construction site inspections, monitoring, and enforcement consistent with the effectiveness metrics developed in year one of the program. Actions taken by Permittees to implement the Construction Site Stormwater Runoff Control Program included reviewing construction plans and issuing grading permits consistent with local requirements and ordinances, conducting routine and follow up inspections of construction sites to ensure proper implementation and maintenance of BMPs and compliance with local requirements, proceeding with enforcement actions for sites in violation of local requirements, providing regular training and outreach for municipal inspectors and construction staff and contractors, and maintaining a tracking system of construction sites.

Construction Site Inspections and Monitoring

Permittees made periodic site inspections during the course of a construction project to ensure compliance with codes and ordinances. Permittee inspectors verified at project commencement the proper installation and maintenance of BMP control measures and throughout the multiple construction phases of the project. Supplemental inspections were performed by the Permittees in response to complaints received from citizens and referrals from other internal departments or intergovernmental enforcement agencies on issues related to stormwater quality.

Correction and Enforcement Actions

Permittees observed adequate and/or proper selection and maintenance of BMPs, proper storage of materials outdoors, installation of proper secondary containment to capture spills that may occur, outdoor washing with containment of wash water, proper covering of stock piles, and prompt BMP maintenance. MRWG Permittee inspectors have developed good working relationships with construction site operators to quickly address areas of concern without having to resort to more extreme measures such as enforcement actions or referral to the Lahontan RWQCB. In Fiscal Year 2012-13, the City of Hesperia issued four Notices of Correction for active construction project.

Member agencies drafted and utilized an Area-Wide Enforcement Response Guidance manual to assist in taking enforcement actions for stormwater quality deficiencies and violations. However, this manual has not been formally adopted by the MRWG agencies, pending review and implementation of the renewal Phase II Small MS4 Permit, and may be modified at the discretion of each member agency in accordance with their internal practices, policies, and procedures.

3.4.2 Summary of BMPs

Construction Site Inspections and Monitoring

Table 3-12 shows the number of construction sites issued a grading permit and the relative sizes of these construction projects.

Table 3-12 Number of Grading Permits Issued and Project Sizes			
Permittee	Grading Permits Issued	Construction Projects > 1 Acre	Construction Projects < 1 Acre
Town of Apple Valley	14	7	7
City of Hesperia	7	4	3
City of Victorville	8	5	3
County of San Bernardino	0	0	2

Table 3-13 illustrates the number of construction site inspections performed by each Permittee in compliance with MCM 4, Construction Site Stormwater Runoff Control Program.

Table 3-13 Number of Construction Site Inspections	
Permittee	Number of Inspections
Town of Apple Valley	14
City of Hesperia	118
City of Victorville	145
County of San Bernardino	0

It is important to train inspectors and other municipal staff to perform comprehensive inspections of construction sites to ensure that construction activities do not result in adverse impacts to water quality. It is equally important to train local contractors, builders, and developers on the proper installation and maintenance of BMPs to eliminate non-stormwater discharges and reduce the impacts of erosion and sediment with site appropriate controls. As shown in Table 3-14, despite the slow construction economy, staff training continued at measured rates, commensurate with the economy.

Table 3-14 Construction Site Stormwater Runoff Control Training	
Permittee	Municipal Staff Trained
Town of Apple Valley ¹	0
City of Hesperia	1
City of Victorville	12
County of San Bernardino	14

¹ The Town of Apple Valley held individual training sessions, but no formal group general MS4 Permit training sessions..

Correction and Enforcement Actions

Table 3-15 summarizes the number of Notices of Correction issued and the number of projects requiring enforcement action as a result of non-compliance.

Table 3-15 Notices of Correction and Enforcement Actions		
Permittee	Notices of Correction	Enforcement Actions
Town of Apple Valley	0	0
City of Hesperia	4	0
City of Victorville	0	0
County of San Bernardino	0	0

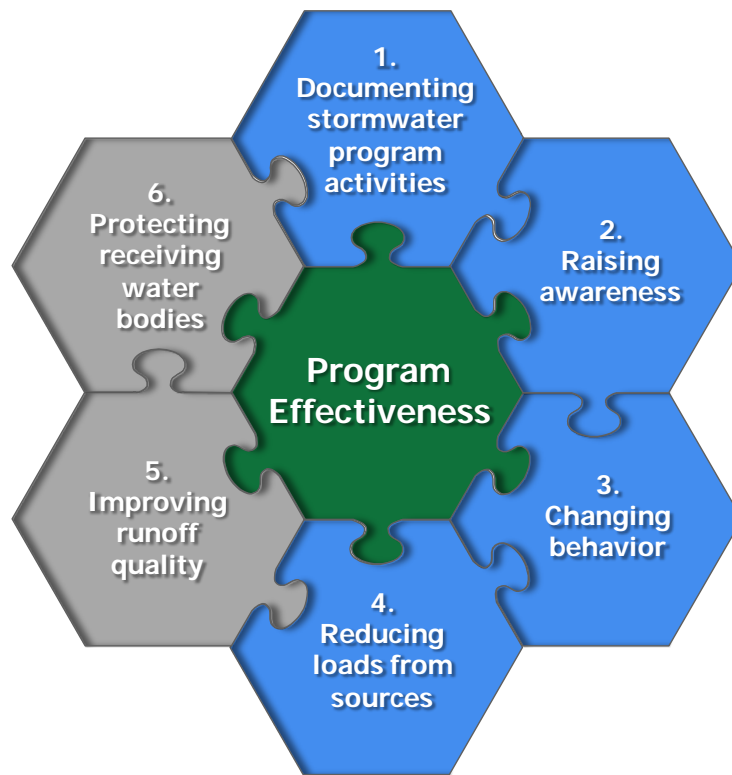
3.4.3 Program Effectiveness

Program effectiveness for MCM 4, Construction Site Stormwater Runoff Control, was assessed at Outcome Levels 1, 2, 3, and 4.

Construction Site Inspections and Monitoring

A large portion of the construction program is typically focused on site inspections that can serve as the basis for establishing baselines regarding how the sites are operating, what pollutants are of concern, and the level of BMP implementation and maintenance. In turn, follow-up inspections can be used to track changes and ensure that the sites are properly implementing and maintaining their BMPs.

MRWG Permittees have effectively achieved Outcome Levels 1, 2, and 3. Construction programs have documented and maintained adequate legal authority to enforce the Construction Site Stormwater Runoff Control Program, tracked the number of grading permits issued, construction sites inspected, and maintained records of municipal staff training sessions. These training sessions emphasize awareness and understanding of construction site impacts on the receiving water body and routine inspections reinforce the level of awareness necessary to install and maintain appropriate BMPs at construction sites. Although the amount of overall training has decreased due to budget constraints, the limited number of training sessions has still been successful in raising awareness. A change in behavior is inferred due to the number of construction sites complying with the Construction General Permit requirements and adequately implementing and maintaining BMPs to reduce and control erosion, sediment, and non-stormwater discharges from construction sites. In addition, up front reviews of project specific SWPPPs provide plan checkers with an opportunity to communicate with construction site operators to raise their level of awareness with regards to the proper installation and maintenance of stormwater BMPs.



Correction and Enforcement Actions

Permittees have effectively achieved Outcome Levels 1, 2, 3, and 4 for the Construction Site Stormwater Runoff Control Program. Permittees have documented adequate enforcement policies and mechanisms to issue Notices of Correction and take Enforcement Actions to influence construction site behaviors. By working closely with construction site operators to correct BMP shortcomings, Permittees have been able to increase the level of awareness amongst these problematic construction site owners and operators, and to change behaviors in the field. These changes in behavior ultimately result in the proper implementation of effective BMPs to reduce pollutant loads to the receiving water body.

3.4.4 Proposed Program Modifications

The MRWG is reviewing renewal permit requirements to identify necessary program modifications.

3.5 MCM 5 – Post-Construction Stormwater Management in New Development and Redevelopment

The purpose of the Post-Construction Stormwater Management in New Development and Redevelopment Program is to minimize potential adverse impacts to water quality from development projects by incorporating site planning, post-construction controls (site design, source control, and treatment control BMPs), and long-term maintenance agreements.

The goal of this Program is to assure that appropriate post-construction BMPs are included in New Development and Redevelopment project plans to minimize impacts from urban and stormwater runoff on the receiving water body. Permittees currently have a system in place to address urban and stormwater runoff by using post-construction BMPs such as retention and detention basins incorporated into the project site. These devices function to control stormwater volume and improve water quality by settling out particulates and other pollutants of concern.

3.5.1 Implementation Status

Objectives for MCM 5, Post-Construction Stormwater Management in New Development and Redevelopment, were to implement post-construction BMPs and revise ordinances and policies as necessary. Permittees successfully accomplished these goals by requiring project proponents to submit engineering and grading plans which incorporated structural and non-structural BMPs appropriate for the High Desert communities, contracting with qualified consultants to provide professional services to review plans, inspecting BMP installation, ensuring compliance with the post-construction program, and assessing ordinances and policies to verify adequate legal authority and guidelines to achieve the requirements of the Phase II Small MS4 General Permit.

Post-Construction Stormwater Management Implementation

Permittees are conditioning new development and redevelopment projects to submit engineering and grading plans which incorporate post-construction controls (site design, source control, and treatment control BMPs) and long-term maintenance agreements to mitigate urban and stormwater runoff after a developer has completed a project. MRWG member agencies are using discretionary approval and placing conditions on developments to require the incorporation of post-construction BMP controls. In addition, flood damage prevention ordinances that place requirements on new construction also help with conditioning projects to mitigate post-development urban and stormwater runoff. These ordinances seek to limit peak discharges from new developments by retaining and infiltrating stormwater onsite. These devices function to control stormwater volume and improve water quality by settling out particulates and other pollutants of concern.

To improve awareness of the post-construction requirements and how to effectively implement them in the High Desert, Permittees attended various training sessions and workshops including, but not limited to, QSD/QSP training sessions, CESSWI review course and exam, CASQA Annual Conference, and other internal member agency training sessions.

Ordinance and Policy Revisions

Permittees have adequate legal authority through existing municipal codes and ordinances to implement and enforce the Post-Construction Stormwater Management in New Development and Redevelopment Program. Previous ordinances were enacted to promote water conservation which also prevents excessive discharges of nuisance water.

3.5.2 Summary of BMPs

Post-Construction Stormwater Management Implementation

Table 3-16 shows the number of projects meeting the threshold for post-construction BMP requirements and implementing control measures.

Table 3-16 Number of Projects Implementing Post-Construction BMPs	
Permittee	Number of Projects
Town of Apple Valley	5
City of Hesperia	Unknown ¹
City of Victorville	Unknown ²
County of San Bernardino	0

¹ The City of Hesperia does not have a tracking mechanism for quantifying all sites implementing post-construction BMPs other than for dry wells located east of Hesperia Road and horizontal underground retentions systems citywide. It is currently estimated that 57 dry well systems have been implemented as Post-Construction BMPs and 55 sites are utilizing horizontal underground retention systems.

² The City of Victorville does not have a tracking mechanism for quantifying all sites implementing post-construction BMPs. A majority of projects have incorporated post-construction BMPs and all projects that did not have been noted on the plan check during the review.

Table 3-17 provides the number of Permittee staff trained on the implementation of post-construction BMPs and LID strategies.

Table 3-17 Number of Personnel Trained on Post-Construction BMP Implementation	
Permittee/Private Industry	Personnel Trained
Town of Apple Valley ¹	0
City of Hesperia	1
City of Victorville	12
County of San Bernardino	6

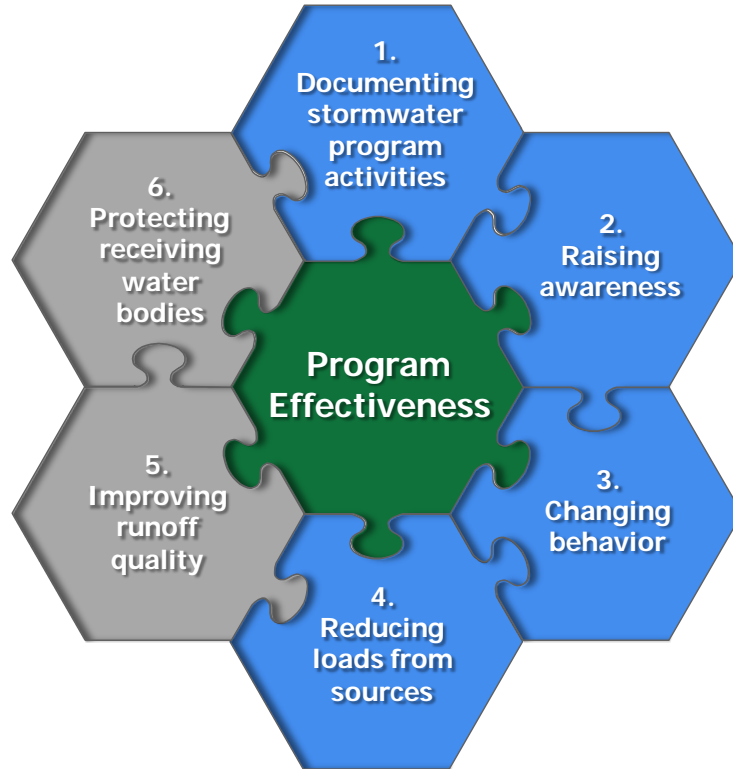
¹ The Town of Apple Valley held individual training sessions, but no formal group general MS4 Permit training sessions.

Ordinance and Policy Revisions

Permittees reviewed the existing municipal codes and ordinances used to implement and enforce the Post-Construction Stormwater Management in New Development and Redevelopment Program, and confirm adequate legal authority to implement and enforce the Phase II Small MS4 General Permit requirements.

3.5.3 Program Effectiveness

Overall, the assessed program effectiveness for MCM 5, Post-Construction Stormwater Management in New Development and Redevelopment, was at Outcome Levels 1, 2, 3, and 4.



Post-Construction Stormwater Management Implementation

Implementation of MCM 5, Post-Construction Stormwater Management in New Development and Redevelopment, has been assessed at Outcome Levels 1, 2, 3, and 4. Permittees have documented the appropriate legal authority to enforce the requirements of this MCM and noted the number of projects conditioned for the incorporation of post-construction BMPs. Permittee staff has actively participated in various trainings and workshops to understand how to successfully implement and enforce the post-construction BMP requirements of this program. This training has resulted in a better understanding of post-construction BMP and LID options, and the MCM 5 requirements. Although the amount of overall training has decreased due to budget constraints, the limited amount of training sessions have still be successful in raising awareness. The Post-Construction Stormwater Management in New Development and Redevelopment Program demonstrated an effective change in behavior from the way developers constructed projects to now incorporating post-construction BMPs. Although pollutant load reduction quantities, as a result of post-construction BMPs installed on project sites, have not been assessed it can be concluded that these BMPs are making a positive impact in reducing pollutant loads to the MS4.

Ordinance and Policy Revisions

Program effectiveness Outcome Level 1 was achieved for this goal. Permittees conducted a review of existing municipal codes and ordinances to confirm adequate legal authority to implement and enforce the requirements of the Post-Construction Stormwater Management in New Development and Redevelopment Program. The City of Victorville has drafted a new ordinance that is currently being circulated throughout the City and ensures compliance with the MS4 Permit.

3.5.4 Proposed Program Modifications

The MRWG is reviewing renewal permit requirements to identify necessary program modifications.

3.6 MCM 6 – Pollution Prevention and Good Housekeeping for Municipal Operations

Municipalities conduct various activities that can generate or mobilize pollutants in stormwater runoff. The purpose of the Pollution Prevention and Good Housekeeping for Municipal Operations Program is to reduce pollutants from these operations and maintenance activities (e.g. small construction projects, street sweeping, storm drain cleaning, corporation yard operation, etc.) through the development and implementation of good housekeeping, BMPs, and specific stormwater pollution prevention training.

Pollution prevention and good housekeeping practices are critical to maintaining progress and achieving continued improvement in water quality. Permittees have developed a pollution prevention and good housekeeping program that requires employees to examine and subsequently alter their actions to reduce the type and amount of pollution. Recognizing the benefits of pollution prevention practices, the MRWG has developed this program based on the following goals:

- Develop and implement an operation and maintenance program with the ultimate goal of preventing or reducing pollutant runoff from municipal operations into the storm drain system;
- Integrate pollution prevention and good housekeeping practices training into municipal employee training programs; and
- Implement the appropriate BMPs to mitigate urban and stormwater runoff pollution.

3.6.1 Implementation Status

Program accomplishments included training municipal personnel on pollution prevention techniques, good housekeeping practices, implementing post-construction BMPs at municipal facilities to reduce the discharge of pollutants, and incorporating pollution prevention practices into daily work routines.

Municipal Facility BMP Implementation and Inspection

MRWG member agencies utilize good housekeeping practices and source control BMPs to prevent and minimize pollution from municipal facilities. Each agency routinely inspects their respective municipal yard to ensure that good housekeeping practices are implemented and BMPs are maintained. In November 2012, the City of Hesperia analyzed sediments that were removed from the H-O1 storm drain pipe and appurtenant catch basins during maintenance. The tributary area for this storm drain is relatively densely urbanized and includes predominately residential and commercial/office/retail land use areas. Samples were analyzed for petroleum hydrocarbons, volatile organic compounds, organochlorine pesticides and polychlorinated biphenyls. No detectable concentrations of the compounds were found. Concentrations of heavy metals were within typical background ranges of metals in soil.

Municipal Operations Personnel Training

Permittees conducted comprehensive training of municipal operations personnel to identify pollution prevention practices that can be incorporated into daily work routines and good housekeeping tips. Training materials covered ways to reduce pollutants from operation and maintenance activities such as small construction improvement projects, street sweeping, storm drain cleaning, and corporate yard operations through the development and implementation of control measures and BMPs. Training materials met the requirements of the permit and allowed municipal staff to perform their duties in a manner that reduces the potential to discharge pollutants of concern to the storm drain system.

Training materials used included Microsoft PowerPoint presentations, videos, modules, BMP manuals, brochures, booklets, and in the field hands on training. Training programs provided to municipal operations staff covered the following topics:

- Sanitary Sewer Management Plan (SSMP) response
- Sewer System Overflow (SSO) response
- Safe fuel handling procedures
- Monthly safety meetings
- Construction General Permit
- Illicit Connection/Illicit Discharge Pollution Prevention
- BMPs for the daily duties of a municipal employee
- Pollution prevention
- Good housekeeping
- Stormwater compliance rules and regulations
- Spill prevention
- Spill reporting and response procedures
- Outdoor storage of materials and waste
- Vehicle and equipment maintenance
- Vehicle and equipment washing
- Street maintenance
- Landscaping

3.6.2 Summary of BMPs

Municipal Operations Personnel Training

Table 3-18 briefly summarizes the number of municipal operations staff trained in Fiscal Year 2012-13.

Table 3-18 Number of Staff Trained for Municipal Operations	
Permittee	Number of Staff Trained
Town of Apple Valley ¹	0
City of Hesperia ²	17
City of Victorville	12
County of San Bernardino	122

¹ The Town of Apple Valley held individual training sessions, but no formal group general MS4 Permit training sessions.

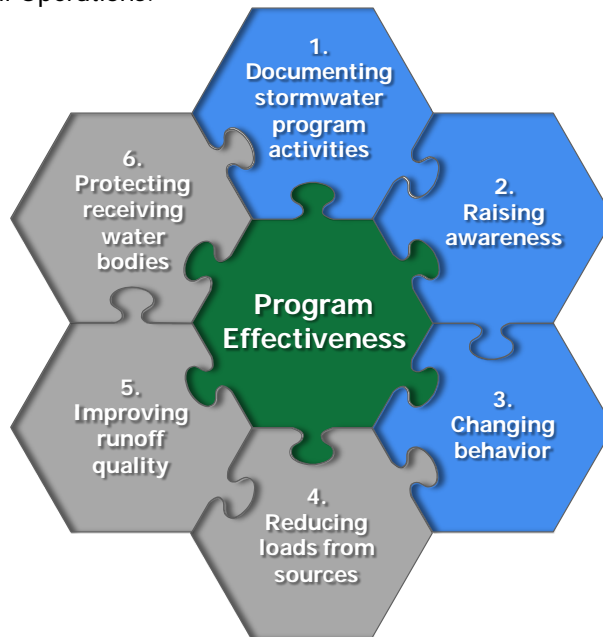
² City of Hesperia personnel attend tailgate meetings every two weeks when working with the sanitary sewer system.

Municipal Facility BMP Implementation and Inspection

The County of San Bernardino continues to maintain the site specific SWPPPs for 12 Municipal Road Yard Facilities that were developed in Fiscal Year 2009-10. The SWPPPs are maintained to ensure that they identify source control and post-construction BMPs to prevent and minimize dry- and wet-weather pollution. The SWPPPs were reviewed to ensure that the installed BMPs include catch basin curb inlet screens, curb inlets with oil absorbent geotextile booms, storm drain drop inlet inserts with oil absorbent filters, and spill absorbent kits near fueling areas for responding to small incidental spills. In Fiscal Year 2012-13, the County provided operations personnel with annual training and yard personnel and stormwater program inspectors conducted quarterly and annual inspections to minimize pollution at each Municipal Road Yard Facility.

3.6.3 Program Effectiveness

Effectiveness Outcome Levels 1, 2, and 3 were measured for MCM 6, Pollution Prevention and Good Housekeeping for Municipal Operations.



Municipal Operations Personnel Training

Documented municipal training programs were determined to increase the knowledge of municipal staff. As a result municipal staff used good judgment and appropriate housekeeping measures while performing municipal operations. This higher level of comprehension and change in behavior by municipal operations staff facilitated the use of site appropriate BMPs and pollution prevention techniques to minimize impacts to receiving water quality.

Municipal Facility BMP Implementation and Inspection

The quarterly and annual inspection of municipal facilities documents the activities performed by the MRWG member agencies and ensures that municipal operations staff is trained to implement good housekeeping practices and perform the proper operation and maintenance of source control and post-construction BMPs to prevent and minimize pollution. Although the amount of overall training has decreased due to budget constraints, the limited amount of training sessions have still be successful in raising awareness. The implementation of good housekeeping measures, and source control and post-construction BMPs also serves as a change in behavior to lead towards a reduction in pollutant loads.

3.6.4 Proposed Program Modifications

The MRWG is reviewing renewal permit requirements to identify necessary program modifications.

4. Goals and Activities Planned for Fiscal Year 2012-13

The MRWG member agencies are currently planning for implementation of the renewed Phase II MS4 Permit. In the interim Member agencies will continue to implement the prior SWMP and MCMs to reduce the discharge of pollutants from the MS4 to the MEP to protect water quality.

5. 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 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."

Town of Apple Valley (WDID 6B36MS40305)

Signature of Permittee (legally responsible representative)

Brad Miller, P.E.

Name (Please print)

Date Signed

Town Engineer

Title

6. MRWG Member Agency Contact Information

The following is contact information for each of the MRWG Member Agencies:

Town of Apple Valley

14955 Dale Evans Parkway
Apple Valley, CA 92307

Contact Person: Rae Beimer
Contact Phone No.: (714) 788-6936

City of Hesperia

9700 Seventh Avenue
Hesperia, CA 92345

Contact Person: Tina Souza
Contact Phone No.: (760) 947-1474

City of Victorville

14343 Civic Drive
Victorville, CA 92393-5001

Contact Person: Carlos Seanez
Contact Phone No.: (760) 955-5162

County of San Bernardino

825 E. Third Street
Second Floor, Room 201
San Bernardino, CA 92415-0835

Contact Person: Marc Rodabaugh
Contact Phone No.: (909) 387-8112

APPENDIX A

Annual Public Workshop Flyer and Sign-In Sheet



JOIN US!

THE STATE OF OUR WATERSHED
THURSDAY, NOVEMBER 15, 2012

What is the Mojave River Watershed Group (MRWG)?

MRWG – a partnership among the Town of Apple Valley, City of Hesperia, City of Victorville and County of San Bernardino – works year round to reduce stormwater pollution entering the Mojave River.

The High Desert is unique. Water flowing into storm drains and underground following a rain or snow melt doesn't flow into the ocean but into our local waterway – the Mojave River. This river water is then used in our faucets, hoses and other ways, making it all the more important to keep the river free of pollution.



WHAT:

Interested in our High Desert environment? Join us for a meeting to learn about the efforts made by local municipalities to prevent stormwater pollution in the Mojave River, the High Desert's local water resource. Following a brief presentation on the 2011-2012 achievements, County, City and Town representatives will be on hand for a Q&A session and to speak individually with attendees.

WHEN:

Thursday, November 15, 2012 from 6 p.m. to 8 p.m.

MEETING LOCATION:

City of Victorville City Hall Conference Room D
14343 Civic Drive Victorville, CA 92392



WIN PRIZES!!

Pick up your free raffle ticket when you enter! We'll have gift certificates from local restaurants and businesses that you can win! Good luck!

LEARN MORE!

WEBSITE
www.mojaveriver.org

FACEBOOK
Mojave Watershed

TWITTER
@MojaveRiver

PHONE
909.384.8188

Mojave River Watershed Group

Annual Stormwater Pollution Prevention Workshop

Thursday, November 15, 2012

Sign-In Sheet



Name	Organization (if applicable)	Phone	Email
Melanie Torres		760-680 0423	California_rose22@hotmail.com
Jarrad Miller	Parsons Brinckerhoff	909-888-1106	millersj@pbworld.com
DAVID HAMMER	"	"	dhammerds@pbworld.com
Mary DeLuvalle	Lahontan WB		mdellavalle@waterboards.ca.gov
Jose May	San Bernardino County Fire Department	909 386 8401	jmay@sbcfire.org
Veronica Garcia		7602201891	vgarcia7418@gmail.com
Jesus Espinoza		(760) 963-9963	
Jehiel Cass	CA Regional Board	760-241-2439	jcass@waterboards.ca.gov
Tony Winkler	Mojave Water Agency	760-946-7000	TWinkler@mojavewater.org
Matt Howard	"	"	MHoward @ "

APPENDIX B
Meeting Sign-In Sheets





Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date:	08/09/12
Facilitator Tina Souza	Place/Room:	Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
Marc RODABAUGH	County of SB	909-387-8112		marc.rodabaugh@dpw.sbcounty.gov
MIKE SMITH	APPLE VALLEY	310-809-8182		MIKESMITH@CADPROFESSIONALS.COM
Tina Souza	Hesperia	760-947-1474		tsouza@cityofhesperia.us
DENIS Wolcott	Westbound	213-200-1563		DENIS @ theWolcottcompany.com
Angela Meluski	Westbound Communications	(909)384-8188		ameluski@westboundcommunications.com



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date: 08/23/12
Facilitator Tina Souza	Place/Room: Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
Angela Meluski	Westbound Communications	(909) 384-8188		ameluski@westboundcommunications.com ✓
EDUARD VARGA	S.B. COUNTY	909.387.8132		evarga@dps.sbcounty.com ✓
MARC RODRIGUEZ	SB COUNTY FLOOD CONTROL DIST	909-387-8112		marc.rodabaug@dps.sbcounty.gov ✓
MIKE SMITH	APPLE VALLEY	915-809-8182		MIKESMITH@CADPROFESSIONALS.COM ✓
Tina Souza	Hesperia	760-947-1474		tsouza@cityofhesperia.us ✓
Hiram Houck	City of Victorville	(760) 243-6351	(760) 269-0039	hhouck@cityofvictorville.ca.us ✓
Jason Pereira	CWE	714-385-2600 x211		jpereira@cwecorp.com ✓



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date:	09/27/12
Facilitator Tina Souza	Place/Room:	Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
MARCE RODABAUGH	SBLFCO	909-387-8112		marce.rodabaugh@sdps.sbcounty.gov
MIKE SMITH	APPLE VALLEY	310-809-8822		MIKESMITH@CADPROFESSIONALS.COM
Tina Souza	Hesperia	760-947-1474		tsouza@cityofhesperia.us
DENIS WOLCOTT	WESTBOND	213-200-1563		DWolcott@TheWolcottCompany.com
Hiram Houck	City of Victorville	760-243-6351	760-269-0039	HHouck@ci.victorville.ca.us



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date:	10/25/12
Facilitator Tina Souza	Place/Room:	Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
MARC RODABAUGH	SBEFCO	909-387-8112		marcrodaugh@dpw.sbcounty.gov
MIKE SMITH	APPLS VALLEY	310-809-8182		MIKESMITH@CAAPROFESSIONALS.COM
Tina Souza	Hesperia	760-947-1474		tsouza@cityofhesperia.us
ANGELA MELUSKI	WESTBOUND COMMUNICATIONS	(909) 384-8188		ameluski@westboundcommunications.com
Hiram Houck	Victorville	(760) 243-6351	(760) 269-0039	hhouck@ci.victorville.ca.us



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date: 01/24/13
Facilitator Tina Souza	Place/Room: Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
MARC RODABAUGH	SBCFCD	909-387-8112		marc.rodabaugh@dpw.sbcounty.gov
Mike SMITH	APPLE VALLEY	310-809-8182		MikeSmith@CAProfessionals.com
Tina Souza	Hesperia	760-947-1474		tsouza@cityofhesperia.us
Angela Meluski	Westbond	(909) 384-8188		ameluski@westbondcommunications.com
RAPROS SEAMON	V.V.	960-955-6251		(SEAMON@CIVICORVILLE-CA.US)



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date: 02/28/13
Facilitator Tina Souza	Place/Room: Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
MARIE RODABAUGH	SBCFCD	909-387 8112		
MIKE SMITH	APPLE VALLEY	310-859-3182		MIKESMITH@CAA PROFESSIONALS. COM
Tina Souza	Hesperia	760 947-1474		tsouza@ Cityofhesperia.us
ANGELA MELUSKI	Westbound	(909) 384- 8188		ameluski@ westbound communications ca
CARLOS SEANZ	C.O.V	760-955-5162		CSEANZ@ CI.VICORVILLE.CA.US
Jason Pereira	CWE	714-526-7500 x211		jpereira@ cwecorp.com



Mojave River Watershed Group - Sign-In Sheet			
Committee Meeting		Meeting Date:	03/28/13
Facilitator	Tina Souza	Place/Room:	Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
M/ACE RODABAUGH	COUNTY OF SAN BERNARDINO	909- 387-8112		mare.rodabaugh @dpw.sbcounty.gov
MIKE SMITH	APPLE VALLEY	310-809-8102		MIKESMITH@SBCGLOBAL. NET
STEPHAN LONGORIA	CITY OF VICTORVILLE	760 243 1946		SLONGORDA@CI. VICTORVILLE.CA.US
JULIUS SEANEZ	P.O.V.	760-955-5162		SEANEZ@CI.VICTORVILLE. CA.US
ANGIE LA MEUSKI	WESTBOND COMMUNICATIONS	(909) 384-8188		ameuski@ westbond communications.com
Tina Souza	City of Hesperia	(760) 947-1474		tsouza@cityof hesperia.US



Mojave River Watershed Group Committee Meeting

Town of Apple Valley, City of Victorville, City of Hesperia
and the County of San Bernardino

Date/Time: April 25, 2013 – 10:00 a.m.

Place: City of Hesperia, Civic Center, Joshua Room
9700 Seventh Avenue, Hesperia

MARCE County
TINA HESPERIA
MIKE C. Abbot / TOWN OF AV
CARLOS Victorville

1. Introductions
2. Phase II Permit
 - a. Application Requirements
 - b. Guidance Document Status
3. Group Funding Issues
 - a. City's progress in obtaining PO (or other payment agreement) with CWE
 - b. Implementation agreement review and cost sharing calculations
 - c. Estimate for 2013-2014 MRWG Expenditures
4. Regional Board
5. Public Education Update (Westbound Comm.)
 - a. Program Status
 - b. Prioritization of work based on fund availability.
6. Open discussion/other issues
7. Action Items
8. Next Meeting:



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date:	05/28/13
Facilitator Tina Souza	Place/Room:	Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
MARC RODABALDON	SBCFCD	909-387-8112		
MIKE TRUETT	SBCFCD	909 387-8119		M TRUETT @ DPW, SBCOUNTY.GOV
STEPHAN LONGORDA	COV	760 243 1946		SLONGORDA@CI.VICTORVILLE.CA.US
CHARLIE SEANEZ	COV	760 955-5162		CSEANEZ@CI.VICTORVILLE.CA.US
Angela Meluski	Westbound Communications	(909) 384-8188		ameluski@westboundcommunications.com
Tina Souza	Hesperia	760-947-1474		tsouza@cityofhesperia.us
JOHN LEVEILLE	HESPERIA	760-947-1451		jleveille@cityofhesperia.us
Rae Beimer	CAAI Apple Valley	714-788-6936		raebeimer@caaprofessionals.com
Joseph Moon	Town of Apple Valley	760 240 7531		Jmoon@Applevalley.org

MRWC Meeting - June 27, 2013

Olivia Souza City of Hesperia 760-947-1474
JEHIEL CASS RWQCB ~~760-912~~
→ 760-241-2434

Mary Dellavalle RWQCB

Auzila Meluki Westbound Communications (909) 384-8188

STEPHAN LONGORIA CITY OF VICTORVILLE 760 243 1946

CARUS SEANZ CITY OF VICTORVILLE 760 955 5162

MIKE TRUETT COUNTY OF SAN BERNARDINO 909-387-8119

Joseph Moon Town of Apple Valley 760 240 7521

Rae Beimer Town of Apple Valley 714 78 86936



**SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT
 ZONE 4 ENGINEERS MEETING
 RECORD OF ATTENDANCE**

Date: May 16, 2013 – City of Victorville, Conference Room A,

*NO workshop
 in May 2013
 for 2-4*

FLOOD CONTROL DISTRICT STAFF:	Initials	CITY ENGINEERS:	Initials	OTHERS: Name / Organization	Initials
Kevin Blakeslee	KB	City of Adelanto Tom Thornton	TWT	Mark Rowan / Merrett Johnson	MR
Ken Eke	KE	Town of Apple Valley Brad Miller	NM	GLENN GABRIEL SPRING VALLEY LAKE	GG
Melissa Walker	MW	City of Barstow Brad Merrell	BMR	SPRING VALLEY LAKE JIM CARB	JCB
Erwin Fogerson	EF	City of Hesperia John Leveillee	JL	Spring Valley Lake SCOTT ECKERT	SE
Harold Zamora	HZ	City of Victorville Brian Gengler	BG		
David Lovell				Louis Chavez City of Bess to	LC
Beatriz Valdez	BV				
Rhonda Neill	RN				
Casey Roosa					
Larry White	V	SBG FEE	AW	SBG FEE	LU
Jon Smith	JS				
Tom Thornton	TWT				
Steve Garcia	SB			VVC.	

2013/5/16

Otter, Monica

From: Gloria Golike [ggolike@MojaveWater.org]
Sent: Thursday, September 05, 2013 1:57 PM
To: Otter, Monica
Subject: Water Conservation Meetings/Events
Attachments: 0785_001.pdf

Attached per your request is the sign-in sheet from the July 2013 meeting (save for next year). Ha! We meet quarterly and so I've tried to do the best I could notating below. Also, we have a huge Water Awareness Expo in the spring each year, and we meet once a month for that during September – May each year. (I don't know if you care to have that information or not, but I'll send it.)

4 meetings = 55 attendees

AWAC Meetings

July 24, 2012 15

Mike Hernandez, City of Hesperia Water Dept.
Mark Blair, City of Hesperia Water Dept.
Norma Armenta, Apple Valley Ranchos Water Company
Belen Cordero, City of Adelanto
Donna McCormick, City of Victorville
Brian Gerke, PPHCSD
Ryan Orr, VVWRA
Cheryl Vermette, Helendale CSD
Judy Corl-Lorono, Bighorn-Desert View Water Agency
Jackie Lindgren, Mojave Desert RCD
Susan Mulvaney, Juniper Riviera CWD
Gloria Golike, Mojave Water Agency
Robin Kobaly
Doug Kobaly
Tamara Alaniz, Mojave Water Agency

October 30, 2012 17

Joe Guzzetta, Joshua Basin Water District
Deborah Bollinger, JBWD
Kathleen Radnich, JBWD
Judy Corl-Lorono
Larry Attebery, PPHCSD
Mike Hernandez
Norma Armenta
Belen Cordero
Ryan Orr
Doug Kobaly
Robin Kobaly
Gloria Golike
Tamara Alaniz

January 22, 2013 12

Deborah Bollinger
Judy Corl-Lorono
Mark Blair
Belen Cordero
Doug Kobaly
Robin Kobaly

Gloria Golike
Susan Mulvaney
Jackie Lindgren
Donna McCormick
Kathy Cochran, City of Victorville
Tamara Alaniz

April 30, 2013 15

Cheryl Vermette
Judy Corl-Lorono
Jackie Lindgren
Susan Mulvaney
Brian Gerke
Mike Hernandez
Norma Armenta
Gloria Golike
Yvonne Hester
Donna McCormick
Dana Armstrong, City of Victorville
Deanna Wolf, SB County
Jared Beyeler, SB County
Matt Puffer, GSWC
Jennifer Poland, Hi-Desert Water District

Home Depot Plant Sale – June 8

Belen Cordero
Marlyn Lesley
Mark Blair
Mike Hernandez
Norma Armenta
Kathy Cochran
Donna McCormick
Jackie Lindgren

Expo Meetings

November 14, 2012

Belen Cordero
Greg Snyder, SB County
Marlyn Lesley, GSWC
Mark Blair
Mike Hernandez
Brian Gerke
Tamara Alaniz

December 19, 2012

Belen Cordero
Tamara Alaniz
Gloria Golike
Norma Armenta
Mark Blair
Mike Hernandez
Marlyn Lesley
Ryan Orr, VVWRA
Brian Gerke,
Ernesto Araiza

January 16, 2013

Norma Armenta
Belen Cordero
Tamara Alaniz
Marlyn Lesley
Mark Blair

February 13, 2013

Mike Hernandez
Belen Cordero
Tamara Alaniz
Marlyn Lesley
Norma Armenta
Gloria Golike
Donna McCormick
Ryan Orr
Susan Mulvaney

February 27, 2013

Mark Blair
Mike Hernandez
Tamara Alaniz
Gloria Golike
Norma Armenta
Belen Cordero
Greg Snyder

March 27, 2013

Randy Bon
Brian Gerke
Gloria Golike
Tamara Alaniz
Mike Hernandez
Mark Blair
Marlyn Lesley

Water Awareness Expo, April 5-7, 2013

Almost everyone above at one time or another, excluding Brian Gerke, Tamara Alaniz, Judy Corl-Lorono, both Kobaly's, Susan Mulvaney, Jackie Lindgren, Jennifer Poland, Deborah Bollinger, Joe Guzzetta, and Kathleen Radnich

I hope this helps.

Gloria Golike
Senior Administrative Assistant, Public Information
Mojave Water Agency
(760) 946-7000 (Main Office)
(760) 946-7001 (Direct Line)
(760) 490-3991 (Cell)



MEETING SIGN-IN SHEET

TECHNICAL ADVISORY COMMITTEE

APRIL 4, 2013
10:00 A.M.

MOJAVE WATER AGENCY BOARD ROOM
13846 CONFERENCE CENTER DRIVE
APPLE VALLEY CA 92307

The signing, registering, or completion of this document is voluntary. All persons may attend this meeting regardless of whether they sign, register, or complete this document.

NAME	REPRESENTING	ADDRESS	EMAIL
Dennis Staley	BDVWA	Fanders	
Michelle Corbin	BDVWA	Landers	
MARK VASQUEZ	City of Barstow	220E.MTVIEW Barstow	mvasquez@barstowca.org
Carol Swartz	City of Barstow	220 E MT View Barstow	
Norman D. Nichols	ESTE		
Bob Staden	HQWD		
WYNE L. SNIVEL	newburg esd & numerous producers in Baja Sur-coo US,	17323 Autumn Leaf Dr	
LINDA SNIVEL	NBS - MINIMUM FRED		californiadelta@gmail.com
BRAD MILLER	TOAV		bmiller@applevalley.com
Matthew Howard	MWA		
Tony Winkel	MWA		

TAC MEETING - APRIL 4, 2013

NAME	REPRESENTING	ADDRESS	EMAIL
KEVIN COLLINS	CITY OF VICTORVILLE		Kcollins@ci.victorville.ca.us
Ryan Oge	VVWBA		rom@vvwba.com
Paul Hearn	Helendale CSD		phearn@helendale.csd.ca.gov
Lance Moore	TOAV		lmoore@approva.org
Tina Kuhns	TOAV		tkuhns@ppvalley.org
Steve Ashton	COV		
Jeanette Hayhurst			
MIKE HEARN	CITY OF HESPERIA		
George Carstens	PHESD		
JOE GUZZETTA	JBWD		
Mark Keasey	LACSD		
Tamara Aloniz	TPWD		
CARYL COLE			Carylcole@kenzen.net
RICHARD DELBY	ESTESA COMMITTEE		
PERRY DAKSTROM	ESWC		
JAMES HANSON	MARIPUA RANCHOS CWD		jm@MRCWD.ORG
MIKE PLAZIACK	Lebanon Water Board		mplaziack@waterboards.ca.gov
Launa Turkents	DWR - So. Region		Launa.Turkents@water.ca.gov

MEETING SIGN-IN SHEET
 TECHNICAL ADVISORY COMMITTEE

MARCH 5, 2013
 10:00 A.M.

MOJAVE WATER AGENCY BOARD ROOM
 13846 CONFERENCE CENTER DRIVE
 APPLE VALLEY CA 92307

The signing, registering, or completion of this document is voluntary. All persons may attend this meeting regardless of whether they sign, register, or complete this document.

NAME	REPRESENTING	ADDRESS	EMAIL
NORMAN NICHOLS	ESTE		
DENNIS STRALEY	BICKER DUNA		
DON BARTZ	PPHCSO		
PAUL HARMON	HCSO		pharmon@halevaledocsd.org ✓
RYAN ORR	VUWRA		
GEORGE CARRERAS	PPHCSO		
TOM THORNTON	ADELANTO		
RICHARD SELBY	ESTE		
HL CALVERT	Century 21 Fairway		
JOE SALTNERIS	Apple Valley View mutual		
MARINA WEST	BIDUNA		

TAC MEETING - MARCH 5, 2013

NAME	REPRESENTING	ADDRESS	EMAIL
Tony Wilver	HDWD		
Henry Goodwin	CENTER WATER Co.		
Ellen Johnson	BAJA		
Bob Insalub	TAC Ex Comm		
WAYNE SNIPEY			
LINDA SNIPEY			
Miller-Rader	Center Water, LU		
Kevin Schmidt	VUNROT		
CHARUE JOHNSON	PRHCS D		
Bob Shested	SILVER LAKES		
Michael Boush	SILVER LAKES ASSN.		
MONA SADEK	COUNTY OF SB.		
STEVE SAMARAS	SB COUNTY WAS		
ROBERT ELAND	SB COUNTY WAS		
Rudely Rodriguez	KW Reactory		
Charmette Rodriguez			
Chuck Bell	Lucas Oil		
Don Heiman	BIA-DU		

TAC MEETING - MARCH 5, 2013

NAME	REPRESENTING	ADDRESS	EMAIL
Steve Ashton	COV		
RON BARBERI	OBC		
Bob Gould	WAR		
Ron Becker	El Mirage MFC		
Holly Skalipera	USDA NRES		
Alex Vbovichenko	DWR		
Perry Dahlstrom	CSWC		
Luahs Green	1st BOS		
Ron Fearnz	1st Bos		
Nathan Compstich	Adelanto	11600 Air express Adelanto CA 92301	ncompstich@ci.adelanto.ca.us ✓
David N. Alvarez	Niss Agents	12021 Seward Rd, Independence, MO 64050	dnalvarez@nissanagents.com ✓
Lionel Chpovick	HI Desert Horticulture		LEHADWICK@HHC ✓
FANDY COLEMAN	SBCs Commission		RANDYAC@NOLECOM ✓
Mike Phyzik	Lebanon Wat Bd	VICTORVILLE 14440 Civic Dr Suite 200	mplazick@waterboards.ca.gov ✓
White Bob	SB Real Estate	14845 Monarch Blvd Ste A V1	Libette@whitekatz.com ✓
Bob Shupri	Tweed		Thond@bjirid.com ✓
Yvonne Troop	S.B. County EMS		
Jessica Balvesteros	SIB. COUNTY EMS		

TAC MEETING - MARCH 5, 2013

NAME	REPRESENTING	ADDRESS	EMAIL
Lorinda Hill	Ayo Real Estate	30440 Hwy 18 Ste 103 A.V.	lorinda@gmail.com ✓
JOE GUZZETTA	JBWD		
Rudy Rodriguez			Rudy@got-dirt.us ✓
HANK GOOWIN	CENTER WATER CO	P.O. Box 616	LUCERNE VALLEY CANTON NY 14850 ✓
JEANETTE HAYHURST			candh99@yahoo.com ✓

MEETING SIGN-IN SHEET

TECHNICAL ADVISORY COMMITTEE

DECEMBER 12, 2012
10:00 A.M.

MOJAVE WATER AGENCY BOARD ROOM
13846 CONFERENCE CENTER DRIVE
APPLE VALLEY CA 92307

The signing, registering, or completion of this document is voluntary. All persons may attend this meeting regardless of whether they sign, register, or complete this document.

NAME	REPRESENTING	ADDRESS	EMAIL
Robert Shaw	Lake-bodie, NS	POB 280 N.S. CA 92365	robertshawe@tdbbblue.net
SANDRA BRITTON	NEWBERRY CHAMBER OF COMMERCE	P.O. Box 164 NBSF 92365	DESERT BROKER @GMAIL.COM
Bob Stadum	HOWD		
Ben Corduro	City of Adelanto		
Dennis Staley	BHDVA		
MARINA WICK	BPVWA		
Terry Burkhat	"		
Chloe Bell	Lunar Valley		
Muham Nicholas	ESTE		
Steve Ashton	COV		
Leonor Lariosas	PPHSD		

NAME	REPRESENTING	ADDRESS	EMAIL
Susan Greer	JBWP		
Richard Selby	ESTE SA Comm - Laboratory KWS&CB		jzimmerman@waterboards.ca.gov
Jan Zimmerman	SBC FCD		
Melissa Walker	SBC - COMM PLANNING		
Randy Coleman	BADA		
Ellen Johnson	JBWP		
Mickey Luckner			
Bob Lindsey			

MEETING SIGN-IN SHEET

TECHNICAL ADVISORY COMMITTEE

JUNE 6, 2013
10:00 A.M.

MOJAVE WATER AGENCY BOARD ROOM
13846 CONFERENCE CENTER DRIVE
APPLE VALLEY CA 92307

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NAME	REPRESENTING	ADDRESS	EMAIL
Norman Nichols	ESTE		
Holly Sharpour	NRCS		holly.sharpour@ca.vnsd.gov
Ken Vernon			
LEO HAVENER	LACSD		
Mark Harrison	CSID	24516 Lake Dr., Crestline 92325	markharrison@crestline.com
Matt Brooks	LACSD		mbr0015@lakearadnoweb.com
Miller Rader	LV Center Water		mrader@yaho.com
Barbara Vesla	LV Center Water		
Troy Minnick	CITY of BANSLOW		Tminnick@banslowca.org
Keith Hammy	Hinkley	36236 Serna Rd.	
Randy Sanchez	Project Vanguard	One Shute Drive, Brea, CA	rsanche@projectvanguard.com

NAME	REPRESENTING	ADDRESS	EMAIL
Lester White	CAC CHAIRMAN	19816 Hwy 58 Sp#9 Hinkley	LESTERW@LIVE.COM
Suzie Carp	Cal State San Bernardino	Water Resources Institute	carps@csusb.edu
Chris Elliott	USMC 29 Palms		Chris.ELLIOTT@USMC.MIL
Paul Ray	Yermo Water Co	Box 850, Yermo 92398	pray850@gmail.com
Bob Schasin	BSMC / 29 Palms	29 Palms, CA	Robert.A.Johnson@usmc.mil
Steve Ashton	COV		
Bob Smith	Self		
Heike Sabala	DOT / Joshua Tree National Park	74485 National Park Drive 24 Palms CA 92277	heike-sabala@nps.gov
RICHARD SELBY	ESTE SUAREZ - CENTER WATER & JUBILEE VALLEY		
JENNY WILDER	MOSJAVE GROUP SIERRA CLUB	19607 SANDY LN AV 92303	JENSON@SL@TOL.COM
Peter Godfrey	BLM - CBD	22835 Calle San Juan De Los Lagos Moreno Valley, CA 92553	pgodfrey@blm.gov
SWAN GREER	JBWD		
Peter Drifflinger	BSWC		
Bob Stadium	HDWD		
Seonette Ayhurs	Barstow		
PICK HEAND HOBBS	Barstow C.C.D.		
JOHN LEVICK	HESTERIA		
Tamara Alaniz	TPWD		

MEETING SIGN-IN SHEET

TECHNICAL ADVISORY COMMITTEE

OCTOBER 4, 2012
10:00 A.M.

MOJAVE WATER AGENCY BOARD ROOM
13846 CONFERENCE CENTER DRIVE
APPLE VALLEY CA 92307

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NAME	REPRESENTING	ADDRESS	EMAIL
Diana Marina West	BOUNWA		
J. Dennis Staley	↙		
Terry Bulchert	↘		
CARL COLEMAN	ALTEC ENGR CORP		
Melissa Walker	SBC FCD		
MONA SADEK	SBC FCD		
Mickel Luckman	J BWD		
Natalie Fuller	J BWD		
Chuck Bell	L.V.		
Steve Ashton	COV		
ELLEN JOHNSON	BAJA		

MEETING SIGN-IN SHEET

TECHNICAL ADVISORY COMMITTEE

NOVEMBER 5, 2012
10:00 A.M.

MOJAVE WATER AGENCY BOARD ROOM
13846 CONFERENCE CENTER DRIVE
APPLE VALLEY CA 92307

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NAME	REPRESENTING	ADDRESS	EMAIL
Sarami Graham	HSDWS	Yucca Valley	
Terry Blackart	BIDVWA		
Marna West	"		
Dennis Staley	"	Landers	
Norman Dichis	ESTE		
Bob Trusley	BRTinsley Ave.		
Melissa Walker	SBC FCD		
Steve Ashton	COV		
Tina Kuhns	TOAV		
Lance Miller	toAV		
Beten Corde	Adelanto		

NAME	REPRESENTING	ADDRESS	EMAIL
TIM, ELLEN JOHNSON	SALA		
PATRICK CARROLL	ADELANTO		
Mickey Leckman	JBLWD		
WAYNE G. SWANSON	NS-ND		
LINDA PEDRA SAINTE	" "		
RICHARD SELOT	ESTE COMMITTEE		
Alec Harmon	Hemdale CSD		
C. Bell	L.V.		
GEORGE CARDENAS	PPHCSD		
Jan Troy	SB EHS		
Joy Chalkin	SB EHS		
PERRY DABLSIRON	CSWC		
MIKE HEARIN	CITY OF HESPERIA		
SCOTT PRIESTER	" "		
Ryan Orr	VUWRA		

MEETING SIGN-IN SHEET
TECHNICAL ADVISORY COMMITTEE

FEBRUARY 7, 2013
10:00 A.M.

MOJAVE WATER AGENCY BOARD ROOM
13846 CONFERENCE CENTER DRIVE
APPLE VALLEY CA 92307

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NAME	REPRESENTING	ADDRESS	EMAIL
Mellic Rader	Center Water Co	32600 Spinel, L.V. 92356	mradner@yahoo.com
HENRY GORDON	CENTER WATER Co.	10585 ORACLE RD L.V. 92356	candh@CENTRALH2O.COM
Ferry Burkhardt	BDVWA		
MARINA WEST	"		
ELLEN JOHNSON	BVA		
RICHARD SELBY	ESTE COMM		
Mickey Luckman	IBWD		
Dennis Smiley	BDVWA		
MARINA WEST	BDVWA		
Chuck Bell	L.V.		
WAYNE SNEYD			

NAME	REPRESENTING	ADDRESS	EMAIL
HAROLD ZAMORA	SBC FCD	825 E 3 rd ST. SB	HZAMORA@DEW.SBLOUNT.GOV
PERRY DAHLSTRIN	BSCDC		
CARR COLEMAN			
BRYAN COLEMAN	Adelanto		
Tom Thornton	Adelanto		
John Spenser	Adelanto		
JOE GUZZETTA	JBWD		
NORMAN DICKINS	ESTE		

City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 7/02/12

Signature			Signature		
ALBERTS	✓	J	HARDIN	✓	K
ALLOWAY	✓	J	HAYWOOD		S
ARAUJO	✓	T	HEARN	✓	N
ASHBY	✓	R	HERNANDEZ	✓	M
BENNINGTON	✓	J	ISKANDAR	✓	J
BERAN	✓	J	KING	✓	K
BLAIR		M	KUNATH	✓	E
BOURNE	✓	C	LATIMER	✓	J
BOURQUE	✓	S	LEON		R
BROWN	✓	L	LOPEZ	✓	J
BULGARELLI		S	MCCALL	✓	R
BURKE		D	MCDONALD	✓	J
BURNSIDE	✓	J	MCKENZIE	✓	T
BUSSEE		K	MALABICKY	✓	M
CHACON		R	MARGADONNA	✓	M
CONTRERAS	✓	H	MARION		A
CRAWFORD	✓	J	MEHAFFIE		D
DICKINSON		J	MILILLO		N
DOBOS	✓	G	MILLER	✓	D
DOMINGUEZ		R	MOORE	✓	M
EVERETT	✓	J	MORALES		G
FAHERTY	✓	M	MURDOCK	✓	J
FALLS	✓	T	NOVACK	✓	R
FORD	✓	W	OBRIEN-ORTA	✓	C
GARRISON		D	OLDFIELD	✓	J
GATES		D	OZANNE	✓	J
GAUNDER	✓	J	PARKER	✓	M
GODFREY	✓	C	ROMERO	✓	A

City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 8/06/12



Signature			Signature		
ALBERTS /	J		HARDIN	K	
ALLOWAY /	J		HAYWOOD	S	
ARAUJO /	T		HEARN /	N	
ASHBY /	R		HERNANDEZ /	M	
BENNINGTON	J		ISKANDAR /	J	
BERAN /	J		KING /	K	
BLAIR	M		KUNATH	E	
BOURNE /	C		LATIMER /	J	
BOURQUE /	S		LEON	R	
BROWN	L		LOPEZ /	J	
BULGARELLI /	S		MCCALL /	R	
BURKE	D		MCDONALD /	J	
BURNSIDE /	J		MCKENZIE	T	
BUSSEE /	K		MALABICKY /	M	
CHACON	R		MARGADONNA /	M	
CONTRERAS /	H		MARION /	A	
CRAWFORD	J		MARTINEZ /	E	
DICKINSON /	J		MEHAFFIE /	D	
DOBOS /	G		MILILLO /	N	
DOMINGUEZ /	R		MILLER /	D	
EVERETT /	J		MOORE /	M	
FAHERTY /	M		MORALES /	G	
FALLS /	T		MURDOCK /	J	
FORD /	W		NOVACK /	R	
GARRISON	D		OBRIEN-ORTA	C	
GATES	D		OLDFIELD /	J	
GAUNDER /	J		OZANNE /	J	
GODGREY /	C		PARKER /	M	

City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 10/01/12



Signature		Signature	
ALBERTS	J	GODFREY	C
ALLOWAY	J	HAYWOOD	S
ARAUJO	T	HEARN	N
ASHBY	R	HERNANDEZ	M
BENNINGTON	J	ISKANDAR	J
BERAN	J	KING	K
BLAIR	M	KUNATH	E
BOURNE	C	LATIMER	J
BOURQUE	S	LEON	R
BROWN	L	LOPEZ	
BULGARELLI	S	MCCALL	R
BURKE	D	MCDONALD	J
BURNSIDE	J	MCKENZIE	T
BUSSEE	K	MALABICKY	M
CHACON	R	MARGADONNA	M
CONTRERAS	H	MARION	A
CRAWFORD	J	MARTINEZ	E
DAVIS	A	MATHEWS	K
DICKINSON	J	MEHAFFIE	D
DOBOS	G	MILILLO	N
DOMINGUEZ	R	MILLER	D
EVERETT	J	MOORE	M
FAHERTY	M	MORALES	G
FALLS	T	MURDOCK	J
FORD	W	NOVACK	R
GARRISON	D	OBRIEN-ORTA	C
GATES	D	OLDFIELD	J
GAUNDER	J	OZANNE	J

City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 11/05/12

		Signature			Signature
ALBERTS	J		GODGREY	C	
ALLOWAY	J		HAYWOOD	S	
ARAUJO	T		HEARN	N	Nicole R Hearn
ASHBY	R	Rodan	HERNANDEZ	M	
BENNINGTON	J		ISKANDAR	J	
BERAN	J		KING	K	
BLAIR	M		KUNATH	E	
BOURNE	C		LATIMER	J	
BOURQUE	S		LEON	R	
BROWN	L		LOPEZ	J	
BULGARELLI	S		MCCALL	R	
BURKE	D		MCDONALD	J	
BURNSIDE	J	Zon Burnside	MCKENZIE	T	
BUSSEE	K		MALABICKY	M	
CHACON	R		MARGADONNA	M	
CONTRERAS	H		MARION	A	
CRAWFORD	J		MARTINEZ	E	
DAVIS	A		MATHEWS	K	Kelly Mathews
DICKINSON	J		MEHAFFIE	D	
DOBOS	G		MILILLO	N	
DOMINGUEZ	R	Rolando Dominguez	MILLER	D	
EVERETT	J		MOORE	M	
FAHERTY	M		MORALES	G	
FALLS	T		MURDOCK	J	
FORD	W		NOVACK	R	
GARRISON	D		OBRIEN-ORTA	C	Colen OB ORT
GATES	D		OLDFIELD	J	
GAUNDER	J		OZANNE	J	

City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 12/03/12

		Signature			Signature
ALBERTS	J		GODGREY	C	
ALLOWAY	J		HAYWOOD	S	
ARAUJO	T		HEARN	N	
ASHBY	R		HERNANDEZ	M	
BENNINGTON	J		ISKANDAR	J	
BERAN	J		KING	K	
BLAIR	M		KUNATH	E	
BOURNE	C		LATIMER	J	
BOURQUE	S		LEON	R	
BROWN	L		LOPEZ	J	
BULGARELLI	S		MCCALL	R	
BURKE	D		MCDONALD	J	
BURNSIDE	J		MCKENZIE	T	
BUSSEE	K		MALABICKY	M	
CHACON	R		MARGADONNA	M	
CONTRERAS	H		MARION	A	
CRAWFORD	J		MARTINEZ	E	
DAVIS	A		MATHEWS	K	
DICKINSON	J		MEHAFFIE	D	
DOBOS	G		MILILLO	N	
DOMINGUEZ	R		MILLER	D	
EVERETT	J		MOORE	M	
FAHERTY	M		MORALES	G	
FALLS	T		MURDOCK	J	
FORD	W		NOVACK	R	
GARRISON	D		OBRIEN-ORTA	C	
GATES	D		OLDFIELD	J	
GAUNDER	J		OZANNE	J	

City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 01/07/13

COPY

Signature		Signature	
ALBERTS	J	HEARN	N
ALLOWAY	J	HERNANDEZ	M
ARAUJO	T	ISKANDAR	J
BENNINGTON	J	KING	K
BERAN	J	KUNATH	E
BLAIR	M	LATIMER	J
BOURNE	C	LEON	R
BOURQUE	S	LOPEZ	J
BROWN	L	MCCALL	R
BULGARELLI	S	MCDONALD	J
BURKE	D	MCKENZIE	T
BURNSIDE	J	MALABICKY	M
BUSSEE	K	MARGADONNA	M
CHACON	R	MARION	A
CONTRERAS	H	MARTINEZ	E
CRAWFORD	J	MATHEWS	K
DAVIS	A	MEHAFFIE	D
DICKINSON	J	MILILLO	N
DOBOS	G	MILLER	D
DOMINGUEZ	R	MOORE	M
EVERETT	J	MORALES	G
FAHERTY	M	MURDOCK	J
FALLS	F	NOVACK	R
FORD	W	OBRIEN-ORTA	C
GARRISON	D	OLDFIELD	J
GATES	D	OZANNE	J
GAUNDER	J	PARKER	M
GODGREY	C	ROMERO	A

[Handwritten signature]

City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 02/04/13



		Signature			Signature
ALBERTS	J		HERNANDEZ	M	
ALLOWAY	J		ISKANDAR	J	
ARAUJO	T		KING	K	
BENNINGTON	J		KUNATH	E	
BERAN	J		LATIMER	J	
BLAIR	M		LEON	R	
BOURNE	C		LOPEZ	J	
BOURQUE	S		MCCALL	R	
BROWN	L		MCDONALD	J	
BULGARELLI	S		MCKENZIE	T	
BURKE	D		MALABICKY	M	
BURNSIDE	J		MARGADONNA	M	
BUSSEE	K		MARION	A	
CHACON	R		MARTINEZ	E	
CONTRERAS	H		MATHEWS	K	
CRAWFORD	J		MEHAFFIE	D	
DICKINSON	J		MILILLO	N	
DOBOS	G		MILLER	D	
DOMINGUEZ	R		MOORE	M	
EVERETT	J		MORALES	G	
FAHERTY	M		MURDOCK	J	
FALLS	T		NOVACK	R	
FORD	W		OBRIEN-ORTA	C	
GARRISON	D		OLDFIELD	J	
GATES	D		OZANNE	J	
GAUNDER	J		PARKER	M	
GODGREY	C		ROMERO	A	
HEARN	N		ROSS	J	

City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 03/04/13

Signature			Signature		
ALBERTS	✓	J	HERNANDEZ	✓	M
ALLOWAY	✓	J	ISKANDAR	✓	J
ARAUJO	✓	T	KING	✓	K
BENNINGTON	✓	J	KUNATH	✓	E
BERAN	✓	J	LATIMER	✓	J
BLAIR	✓	M	LEON	✓	R
BOURNE	✓	C	LOPEZ	✓	D
BOURQUE	✓	S	MCCALL	✓	R
BROWN	✓	L	MCDONALD	✓	J
BULGARELLI	✓	S	MCKENZIE	✓	T
BURKE	✓	D	MALABICKY	✓	M
BURNSIDE	✓	J	MARGADONNA	✓	M
BUSSEE	✓	K	MARION	✓	A
CHACON	✓	R	MARTINEZ	✓	E
CONTRERAS	✓	H	MATHEWS	✓	K
CRAWFORD	✓	J	MEHAFFIE	✓	D
DICKINSON	✓	J	MILILLO	✓	N
DOBOS	✓	G	MILLER	✓	D
DOMINGUEZ	✓	R	MOORE	✓	M
EVERETT	✓	J	MORALES	✓	G
FAHERTY	✓	M	MURDOCK	✓	J
FALLS	✓	F	NOVACK	✓	R
FORD	✓	W	OBRIEN-ORTA	✓	C
GARRISON	✓	D	OLDFIELD	✓	J
GATES	✓	D	OZANNE	✓	J
GAUNDER	✓	J	PARKER	✓	M
GODGREY	✓	C	ROMERO	✓	A
HEARN	✓	N	ROSS	✓	J

City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 04/01/13

		Signature	Signature		
ALBERTS	✓ J		HERNANDEZ	✓ M	
ALLOWAY	✓ J		ISKANDAR	✓ J	
ARAUJO	✓ T		KING	✓ K	
BENNINGTON	✓ J		KUNATH	✓ E	
BERAN	✓ J		LATIMER	✓ J	
BLAIR	✓ M		LEON	✓ R	
BOURNE	✓ C		LOPEZ	✓ J	
BOURQUE	S		MCCALL	✓ R	
BROWN	✓ L		MCDONALD	✓ J	
BULGARELLI	✓ S		MCKENZIE	✓ T	
BURKE	✓ D		MALABICKY	M	
BURNSIDE	✓ J		MARGADONNA	M	
BUSSEE	✓ K		MARION	✓ A	
CHACON	R		MATHEWS	✓ K	
CONTRERAS	H		MEHAFFIE	✓ D	
CRAWFORD	✓ J		MILILLO	✓ N	
DICKINSON	✓ J		MILLER	D	
DOBOS	✓ G		MOORE	✓ M	
DOMINGUEZ	✓ R		MORALES	✓ G	
EVERETT	✓ J		MURDOCK	✓ J	
FAHERTY	✓ M		NOVACK	R	
FALLS	✓ T		OBRIEN-ORTA	C	
FORD	✓ W		OLDFIELD	J	
GARRISON	D		OZANNE	✓ J	
GATES	D		PARKER	✓ M	
GAUNDER	✓ J		ROMERO	✓ A	
GODGREY	✓ C		ROSS	✓ J	
HEARN	✓ N		ROWE	✓ C	

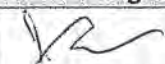
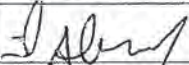
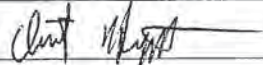


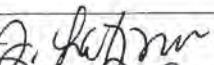





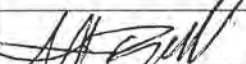
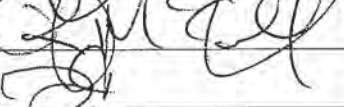


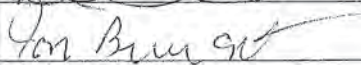
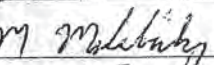
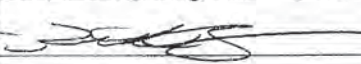

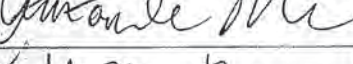
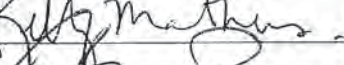



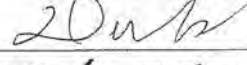
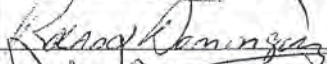
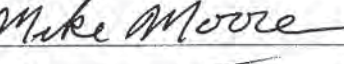
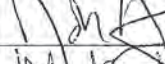


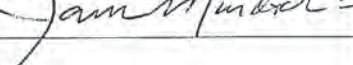


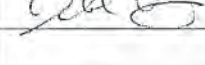
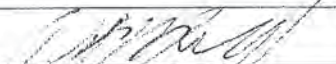





City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 05/06/13

		Signature			Signature	
ALBERTS	/	J		HERNANDEZ	/ M	
ALLOWAY		J		HIGNITE	/ C	
ARAUJO	/	T		ISKANDAR	/ J	
BENNINGTON	/	J		KING	K	
BERAN	/	J		KUNATH	E	
BLAIR	/	M		LATIMER	/ J	
BOURNE	/	C		LEON	/ R	
BOURQUE		S		LOPEZ	J	
BROWN	/	L		MCCALL	/ R	
BULGARELLI	/	S		MCDONALD	/ J	
BURKE	/	D		MCKENZIE	T	
BURNSIDE		J		MALABICKY	/ M	
BUSSEE		K		MARGADONNA	M	
CHACON		R		MARION	/ A	
CONTRERAS		H		MATHEWS	/ K	
CRAWFORD	/	J		MEHAFFIE	/ D	
DICKINSON		J		MILILLO	/ N	
DOBOS	/	G		MILLER	/ D	
DOMINGUEZ	/	R		MOORE	/ M	
EVERETT	/	J		MORALES	/ G	
FAHERTY	/	M		MURDOCK	/ J	
FALLS	/	T		NOVACK	R	
FORD		W		OBRIEN-ORTA	/ C	
GARRISON		D		OLDFIELD	/ J	
GATES		D		OZANNE	/ J	
GAUNDER	/	J		PARKER	/ M	
GODGREY	/	C		ROMERO	/	
HEARN		N		ROSS	/ J	

City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 06/03/13

		Signature			Signature
ALBERTS	J		HERNANDEZ	M	
ALLOWAY	J		HIGNITE	C	
ARAUJO	T		ISKANDAR	J	
BENNINGTON	J		KING	K	
BERAN	J		KUNATH	E	
BLAIR	M		LATIMER	J	
BOURNE	C		LEON	R	
BOURQUE	S		LOPEZ	J	
BROWN	L		MCCALL	R	
BULGARELLI	S		MCDONALD	J	
BURKE	D		MCKENZIE	T	
BURNSIDE	J		MALABICKY	M	
BUSSEE	K		MARGADONNA	M	
CHACON	R		MARION	A	
CONTRERAS	H		MATHEWS	K	
CRAWFORD	J		MEHAFFIE	D	
DICKINSON	J		MILILLO	N	
DOBOS	G		MILLER	D	
DOMINGUEZ	R		MOORE	M	
EVERETT	J		MORALES	G	
FAHERTY	M		MURDOCK	J	
FALLS	T		NOVACK	R	
FORD	W		OBRIEN-ORTA	C	
GARRISON	D		OLDFIELD	J	
GATES	D		OZANNE	J	
GAUNDER	J		PARKER	M	
GODGREY	C		ROMERO		
HEARN	N		ROSS	J	

APPENDIX C

Training Certificates and Sign-In Sheets





City of Hesperia

Incorporated 1988

Streets, Water & Sewer

DATE: July 6, 2012
LOCATION: Public Works Office Mojave Site
SUBJECT: Tail Gate Safety Meeting Week 21 & 22 (1 Hours)

TIME IN: 1400
TIME OUT: 1500

AGENDA

- Biohazards and Worker Safety
- Shift Work: A Fact of Utility Life

REFERENCE

City of Hesperia

•

Other

- Let's Talk SAFETY 2011 American Water Works Association (AWWA)

WASTEWATER TEAM

Colin Rowe:

Maintenance Crew Supervisor

Stephen Bulgarelli:

Senior Maintenance Worker Sewer

Daniel Sanchez:

Sick

Maintenance Worker Sewer

Nicholas Milillo:

Maintenance Worker Sewer

John Gaunder:

Maintenance Worker Sewer

Vacant:

Maintenance Worker Sewer

Frozen Position:

Maintenance Worker Sewer

Certificate of Completion

CWEA – Desert and Mountain Section
Technical Certification Exam Preparation Study Session
Collection System Maintenance

THIS IS TO CERTIFY THAT

NICK MILLER

Has Attended The Above Training/Educational Program And Has Earned

CO Contact Hours

Saturday, August 04, 2012

Date Of Completion

Signature/Stamp of Trainer



Certificate of Completion

CWEA – Desert and Mountain Section
Technical Certification Exam Preparation Study Session
Collection System Maintenance

THIS IS TO CERTIFY THAT

John Gaunder

Has Attended The Above Training/Educational Program And Has Earned

6 Contact Hours

Saturday, August 04, 2012

Date Of Completion

Signature/Stamp of Trainer



Certificate of Completion

CWEA – DESERT AND MOUNTAIN SECTION

Collection System Maintenance Training Day Workshops

James Woody Community Center – Apple Valley

Monday, October 29, 2012

Name of Attendee:

Nick Mitchell

<u>Stamp/Initials</u>	<u>Session Time</u>	<u>Title of Training Session</u>	<u>Presenter</u>
<u>☺</u>	09:00 – 09:50 am	Class # 1 – Intro to N.A.S.S.C.O.'s P.A.C.P Training and Certification	Mark Lopez Lake Arrowhead CSD
<u>☺</u>	10:30 – 11:20 am	Class # 2 – Collection System Maintenance Grade 1 -2 Math Review	Scott Schroder Lake Arrowhead CSD
<u>*</u>	12:30 pm – 1:20 pm	Class # 3 – Confined Space Overview Part 1	Stephen Young Safety Center, Inc.
<u>☺</u>	1:30 pm – 2:20 pm	Class # 4 – Confined Space Overview Part 2	Stephen Young Safety Center, Inc.

Each session attended earns 1.0 Contact Hour for a maximum of 4.0 Contact Hours

Total Number of Contact Hours Earned By Attendee (# of initialed sessions X 1.0) :

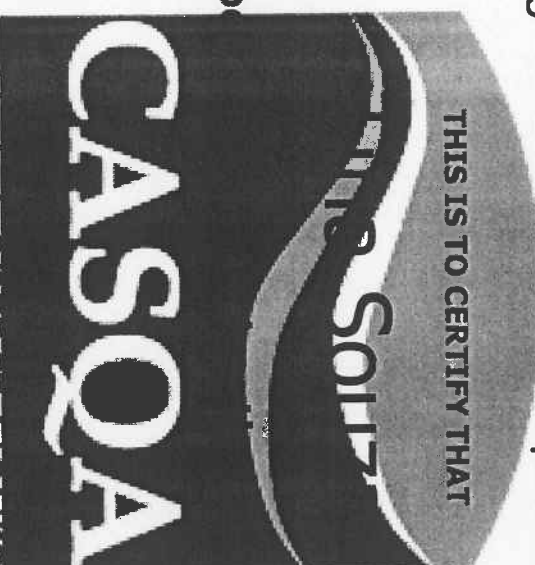
4

Contact Hours.

Certificate of Completion

2012 CASQA Conference

Solving the Stormwater Compliance Puzzle



Has Attended The Ab

ogram And Has Earned

16.5 Contact Hours

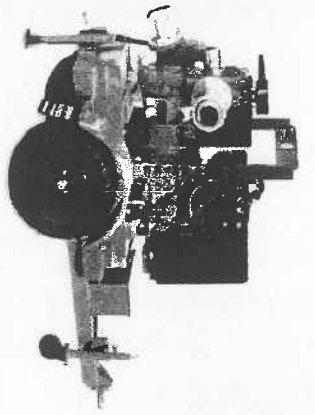
California Stormwater Quality Association®

A handwritten signature in black ink, appearing to read 'David Holt', written over a horizontal line.

Signature/Stamp of Trainer

November 7, 2012

Date Of Completion



Godwin Pumps of America Inc.

Awards

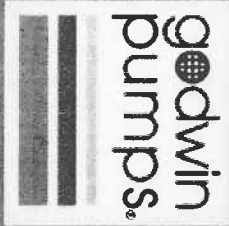
Certificate of Completion

to

Colin Roe

For

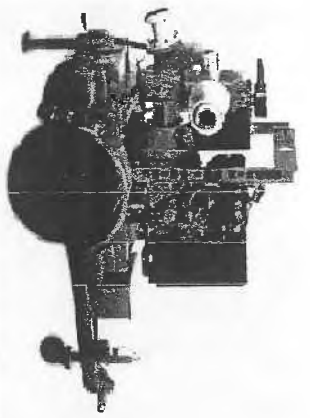
Basic On-Prime Pumping and Maintenance



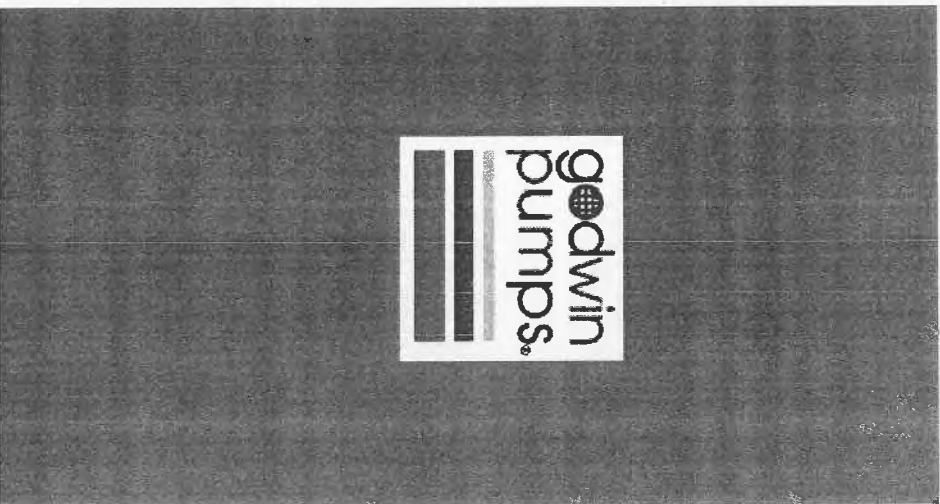
**Think Orange.
Think Godwin.
Great Pumps. Great People.**

James Rufing Sales Engineer

February 27, 2013



Godwin Pumps of America Inc.



Think Orange.
Think Godwin.
Great Pumps. Great People.

Present

Certificate of Completion

to

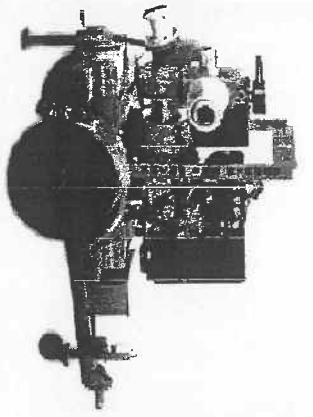
Stephen Bulgarelli

For

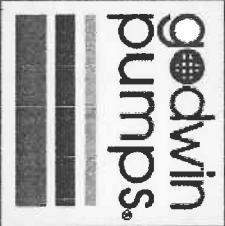
Basic Di-Prime Pumping and Maintenance

James Rufing Sales Engineer

February 27, 2013



Godwin Pumps of America Inc.



Think Orange.
Think Godwin.
Great Pumps. Great People.™

Awards

Certificate of Completion

to

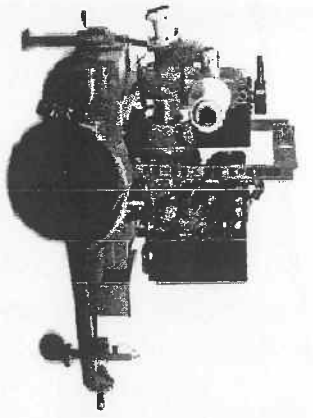
John Gauder

For

Basic Dry-Prime Pumping and Maintenance

James Rufing Sales Engineer

February 27, 2013



Godwin Pumps of America Inc.

Presented

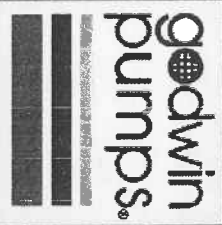
Certificate of Completion

to

Nick Milillo

For

Basic Tri-Prime Pumping and Maintenance



**Think Orange.
Think Godwin.
Great Pumps. Great People.®**

James Rufing Sales Engineer

February 27, 2013



City of Hesperia

Incorporated 1988

Streets, Water & Sewer

DATE: February 20 & 21, 2013

TIME IN: 0630

LOCATION: Public Works Office Mojave Site

TIME OUT: 1130

SUBJECT: **Review SSMP & Sanitary Sewer Overflow (SSO) Response (14 Hours)**

AGENDA

- Review Sewer System Management Plan (SSMP)
- Review Sanitary Sewer Overflow (SSO) Emergency Response
- Review Sewer Master Plan
- Sanitary Sewer Overflow (SSO) Check list
- Review past SSOs and Pictures

REFERENCE

City of Hesperia

- City of Hesperia's Sewer System Management Plan (SSMP)
- City of Hesperia's Sanitary Sewer Overflow (SSO) Response Plan
- City of Hesperia Sewer Master Plan

Other

- State Water Resources Control Board
WDR for Collection Agencies

WASTEWATER TEAM

Colin Rowe:

Maintenance Crew Supervisor

Stephen Bulganelli:

Senior Maintenance Worker Sewer

John Gauder:

Maintenance Worker Sewer

Nick Milillo:

Maintenance Worker Sewer

Daniel Sanchez: Workers Comp

Maintenance Worker Sewer

Eric Martinez: 2/20/13 only

Maintenance Worker Sewer



City of Hesperia

Incorporated 1988

Streets, Water & Sewer

DATE: March 1, 2013

TIME IN: 1400

LOCATION: Public Works Office Mojave Site

TIME OUT: 1500

SUBJECT: Tail Gate Safety Meeting Week 9 & 10 (1 Hours)

AGENDA

- Safe Fuel Handling Practices
- Backhoe Safety

REFERENCE

City of Hesperia

•

Other

- Let's Talk SAFETY 2013 American Water Works Association (AWWA)

WASTEWATER TEAM

Colin Rowe:

Maintenance Crew Supervisor

Stephen Bulgarelli:

Senior Maintenance Worker Sewer

Daniel Sanchez: Worker Comp

Maintenance Worker Sewer

Nicholas Milillo:

Maintenance Worker Sewer

John Gaunder:

Maintenance Worker Sewer

Eric Martinez:

Maintenance Worker Sewer

Frozen Position:

Maintenance Worker Sewer



City of Hesperia

Incorporated 1988

Streets, Water & Sewer

DATE: March 15, 2013

TIME IN: 1400

TIME OUT: 1500

LOCATION: Public Works Office Mojave Site

SUBJECT: Tail Gate Safety Meeting Week 11 & 12 (1 Hours)

AGENDA

- Biohazards and Worker Safety
- Worker Beware: Contact With Energized Equipment Can Be Deadly

REFERENCE

City of Hesperia

•

Other

- Let's Talk SAFETY 2013 American Water Works Association (AWWA)

WASTEWATER TEAM

Colin Rowe:

Maintenance Crew Supervisor

Stephen Bulgarelli:

Senior Maintenance Worker Sewer

Daniel Sanchez: Worker Comp

Maintenance Worker Sewer

Nicholas Milillo:

Maintenance Worker Sewer

John Gaunder:

Maintenance Worker Sewer

Eric Martinez:

Maintenance Worker Sewer

Frozen Position:

Maintenance Worker Sewer



City of Hesperia
Incorporated 1988

Streets, Water & Sewer

DATE: June 27, 2013

TIME IN: 0630

LOCATION: Public Works Office Mojave Site

TIME OUT: 1130

SUBJECT: **Review SSMP & Sanitary Sewer Overflow (SSO) Response (3 Hours)**

AGENDA

- Review Sewer System Management Plan (SSMP)
- Review Sanitary Sewer Overflow (SSO) Emergency Response
- Review Sewer Master Plan
- Sanitary Sewer Overflow (SSO) Check list
- Review past SSOs and Pictures

REFERENCE

City of Hesperia

- City of Hesperia's Sewer System Management Plan (SSMP)
- City of Hesperia's Sanitary Sewer Overflow (SSO) Response Plan
- City of Hesperia Sewer Master Plan

Other

- State Water Resources Control Board WDR for Collection Agencies

WASTEWATER TEAM

Colin Rowe:

Maintenance Crew Supervisor

Stephen Bulganelli:

Senior Maintenance Worker Sewer

John Gaunder:

Maintenance Worker Sewer

Nick Milillo:

Maintenance Worker Sewer

Daniel Sanchez: ~~Workers Comp~~

Maintenance Worker Sewer

Kenneth Bussee:

Maintenance Worker Sewer

Varga, Eduard

To: Saldana, Jess; Evans, Bob; Latsko, John; Hodge, Mike; Dibel, James; Canepa, Kevin; Hancock, Brud; Montry, Roy; Little, Bill; Holmes, Delvin; Toy, Donald; Sherman, Craig; Bonetpels, Joseph
Cc: Ferguson, Rick; Rodabaugh, Marc; Kim, Gia; Biggs, Brendon; Hartwell, Ed; Ryan, Scott; Gomez, Isaias Kim, Gia; Golden, Christopher - DPW
Subject: NPDES Training and Yard Inspection
Attachments: NPDES Yearly Yard Training 2011.docx

Hello All,

The time has arrived again for the annual NPDES municipal employee mandatory state impose training and annual yard inspection. EMD would like to conduct the training for the operation staff, and yard inspection before the end of this fiscal year. The training/inspection will take place at your yard, duration of the training will be approximately one and half hours on-site. Per our conversation and your convenience I will send a meeting request, bellow is a chart with the specific road yards with scheduled time and date. Please forward this information to others that I miss.

NPDES ANNUAL YARD TRAINING FY 12-13				
Facility		Date	Time	Confirmation
Yard 1 & 3 - Chino / Fontana	E/R	6/4/13	7:45 Am.	Y
Yard 5 - East Valley/Crack crew	K D	5/15/13	2:00 PM.	Y
Yard 7 - Crestline	ED/R.	4/18/13	8:30 AM.	Y
Yard 8 - Blue Jay	R EI	4/22/13	7:30 AM	Y
Yard 9 - Big Bear	K D	4/23/13	8:30 AM	Y
Yard 16 - Apple Valley				Y
Yard 11 - Baldy Mesa/Flood				Y
Yard 13 - Trona				Y
TOS	K D.	4/30/13	7:15 Am.	Y
Main Yard Pool, Flood, Zone 2, Zone 3				Y
Yard 10 - 29 Palms				Y
Yard 2 - Big River				Y
Yard 15 - Needles				Y
Yard 14 - Baker				Y
Yard 12 - Barstow				Y
Rancho Flood Yard	DEL	5/8/13	2:00 PM	Y

← early

- Fisher, Mike

This training is geared for the yard staff/personnel, their attendance is essential.

Respectfully,

Eduard Varga,

CPESC, CESSWI, QSP & QSD

STORMWATER - N.P.D.E.S. PROGRAM

San Bernardino County Land Development

909.387.8132

TRANS NPDES - H90125 2045
 TRANS - H14490

Flood. NPDES - FL0106 2045
 FLOOD - FL0110

Please Print Clearly!

This list will be used to confirm your attendance.

Class : Storm Water Training 2013

Date: 5/15/13

Time: 2:00 PM

Location: EAST MAIN YARD (S)

Instructors: NPDES STAFF: Ken Le / DEXTER DALCRA

	Name (Please Print Clearly)		Signature	City / Department	Phone	Conf. Date	Note
1	Ruben	Alderete	<i>Ruben Alderete</i>	DPW SBC Yard 5	909-387-1815	5/15/13	
2	Alex	Estrada	<i>Alex Estrada</i>	DPW SBC Yard 5	909-387-1819	5/15/13	
3	MIKE	LOPHIN	<i>Mike Lophin</i>	DPW SBC 5	*	5-15-13	
4	MIKE	CRUZ	<i>Mike Cruz</i>	DPW SBC YARD 5	387-1815	5-15-13	
5	MARIO	GONZ	<i>Mario Gonz</i>	DPW SBC YARD 5	" "	5-15-13	
6	Philip	Pallas	<i>Philip Pallas</i>	DPW SBC Yard 5	" "	5-15-13	
7	Darrell	Perry	<i>Darrell Perry</i>	DPW SB YARD 5	387-8073	5-15-13	
8	JUAN	Aviles	<i>Juan M. Aviles</i>	DPW SB YARD 5	486-8715	5-15-13	
9	Jamie	Rivera	<i>Jamie Rivera</i>	DPW SB YARD	(909) 254-1378	5-15-13	
10	Hilry	CAMERON	<i>Hilry Cameron</i>	DPW SB yard 5 (Mer)	(909) 746-2093	5/15/13	
11	Bill	CLINE	<i>Bill Cline</i>	DPW SB YARD 5	760-274-4000	5-15-13	
12	Kodres	Reinman	<i>Kodres Reinman</i>	DPW SBC Yard 5	387-1815	5/15/2013	
13	Scott	Ryan	<i>Scott M. Ryan</i>	DPW SBC Superintendent	387-8016	5/15/2013	
14	Robert	LeRog	<i>Robert LeRog</i>	DPW SBC Yard 506	909-722-2155	5/15/2013	
15	ROB	VASQUEZ	<i>Rob Vasquez</i>	PWG/TRANS 505	(909) 387-8073	5/15/2013	
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Please Print Clearly!

This list will be used to confirm your attendance.

Class : Storm Water Training 2013

Date: 4-30-13

Time: 7:00 Am

Location: S.B.C. DPW

Instructors: NPDES STAFF: EDUARDO VAREGA / RAUL BRISOLA

	Name (Please Print Clearly)	Signature	City / Department	Phone	Conf. Date	Note
1	Rick Ferguson	[Signature]	zone 1	239-3183	4-30-13	
2	TYSON FRISTROM	[Signature]	Pool + ZONE #3	387-8004	4-30-13	
3	Roger GRUNDEN	[Signature]	F/C	387-8020	4-30-13	
4	Dorey DUBOIN	[Signature]	FC	11	4-30-13	
5	MIKE TIPPIN	[Signature]	FC	11	4-30-13	
6	John WILKINSON	[Signature]	1			
7	VINCE HELMS	[Signature]	POOL			
8	MILTON REDNEY	[Signature]	S.B FLOOD		4/30/13	
9	BRANDON CAIDMAN	[Signature]	Pool		4/30/13	
10	Scott BROWN	[Signature]	POOL			
11	Greg GRIFFITH	[Signature]	Pool Trans flood		4/30/13	
12	Darrell FORD	[Signature]	SEVEN Oaks Down	389-7605	4/30/13	
13	GRIFFITH GITU	[Signature]	Pool		4/30/12	
14	Sergio Vega	[Signature]	Pool		4-30-13	
15	DAVID GARCIA	[Signature]	Pool		4-30-13	
16	STEVE ANWREO	[Signature]	TRANS		4-30-13	
17	Leonard CHAVES	[Signature]	Pool		4-30-13	
18	CHAVES STAKTON	[Signature]	DPW POOL		4-30-13	
19	GRIS ROBERT	[Signature]	FLOOD		4-3-13	
20	Robert LUCERO	[Signature]	S 2 y ops		4-30-13	
21	JUAN GALLAN	[Signature]	flood		4-30-13	
22	MICHAEL WILSON	[Signature]	924		4-30-13	
23	Jason COLE	[Signature]	924		4-30-13	
24	BRIAN BRAYMAN	[Signature]	924		4-30-13	
25	Bill SANDORAL	[Signature]	921		4-30-13	
26	MIKE McILLAN	[Signature]	922		4-30-13	
27	BRIAN WILSON	[Signature]	922		4-30-13	
28	TROY MUMCKAW	[Signature]	922		4/30/13	
29	GERALD DILL	[Signature]	922		4/30/13	
30	RONDIE CHAVES	[Signature]	924		4/30/13	
31	TONY TRANQUISA	[Signature]	922		4/30/13	
32	LUCAS IRNAS	[Signature]	S 2 4		4/30/13	
	COCHANE Trans Flood	[Signature]	924		4-30-13	

Please Print Clearly!

This list will be used to confirm your attendance.

Class : Storm Water Training 2013

Date: 4/30/13
Location: S.B.C. DPW

Time: 7:00 Am.

Instructors: NPDES STAFF: EDUARDO VARGA / RAUL BAISEADO

	Name (Please Print Clearly)	Signature	City / Department	Phone	Conf. Date	Note
33	LENNY ANGEL		D.P.W. OPS. 924	909307-9075	4/30/13	
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This list will be used to confirm your attendance.

Class : Storm Water Training 2013

Date: 5/2/13

Time: 7:00 AM

Location: EAST MAINI. YARD - TRAFFIC

Instructors: NPDES STAFF: KENNETH LE / DEXTER PARKER

	Name (Please Print Clearly)	Signature	City / Department	Phone	Conf. Date	Note
1	Steve Miller	<i>Steve Miller</i>	DPW TOS	387 8079	5-2-2013	
2	Jess Slayman	<i>Jess Slayman</i>	DPW TOS		5-2-2013	
3	JAIIME OCEGUEDA	<i>Jaime Oregueda</i>	DPW TOS	795 3934	5-2-2013	
4	David Ramirez	<i>David Ramirez</i>	DPW TOS	387-8079	5/2/13	
5	Steve Hall	<i>Steve Hall</i>	" "	" "	" "	
6	Don Stern	<i>Don Stern</i>	" "	" "	" "	
7	David Gindoris	<i>David Gindoris</i>	" "	" "	" "	
8	STEVE VALLEZ	<i>Steve Vallez</i>	" "	" "	5-2-13	
9	MARCUS MORAN	<i>Marcus Moran</i>	" "	" "	" "	
10	ERIC HOLLEY	<i>Eric D. Holley</i>	DP.W./ T.O.S.	" "	5/2/13	
11	MARTIN MORAVES	<i>MARTIN MORAVES</i>	" "	" "	5/2/13	
12	MARTIN MORAVES	<i>Martin Moraves</i>	" "	" "	5/2/13	
13	A. J. JAMES	<i>A. J. James</i>	" "	" "	5-2-13	
14	David Quiros	<i>David Quiros</i>	" "	" "	5-2-13	
15	Jesus Torres	<i>Jesus Torres</i>	DPW TOS	387 8029	050213	
16	Michael Gonzalez	<i>Michael Gonzalez</i>	T.O.S.		5-2-13	
17	RONNIE RODRIGUEZ	<i>Ronnie Rodriguez</i>	T.O.S.	387-9079	5-2-13	
18	Shehab Marco	<i>Shehab Marco</i>	TOS	387-9079	5-2-13	
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This list will be used to confirm your attendance.

Class : Storm Water Training 2013

Date: April 18, 2013

Time: 8:00 AM.

Location:

Instructors: NPDES STAFF: EDUARD VARGA & RAUL BRISEÑO

	Name (Please Print Clearly)	Signature	City / Department	Phone	Conf. Date	Note
1	Russell DAVIS	<i>Russell Davis</i>	DPW			
2	Ron Chalfant	<i>R.S. Chalfant</i>	DPW			
3	Adrián ARENLIU	<i>Adrián Arenliu</i>	DPW			
4	MATT DURAN	<i>Matt Duran</i>	DPW			
5	Anthony Sandoval	<i>Anthony Sandoval</i>	DPW			
6	DAN DOWELL	<i>Dan Dowell</i>	DPW			
7	RYAN ETHRIE	<i>Ryan Ethrie</i>	DPW			
8	Brent Johnson	<i>Brent Johnson</i>	DPW			
9	JESS SALDAÑA	<i>Jess Saldaña</i>	DPW			
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This list will be used to confirm your attendance.

Class : Storm Water Training 2013

Date: 06/06/13

Time: 0630

Location: FONTANA RD. YARD

Instructors: NPDES STAFF:
BRISENO / SEVERO

	Name (Please Print Clearly)	Signature	City / Department	Phone	Conf. Date	Note
1	Jeff Kysar		P/W	823-8811	6/6/13	
2	Luis SOSA		"	" "	" "	
3	FRANK MARTIN		"	" "	" "	
4	TYLER FIFE		"	" "	" "	
5	Kevin Schmidt		"	" "	" "	
6	Rafael Escalante		"	" "	" "	
7	NICK PALACIOS		DPW	" "	" "	
8	Nino Garcia		P/W	823-8811	6-6-13	
9	ADAM SUTENIK		P/W	" "	" "	
10	JOSHUA SUTENIK		P/W	" "	06-06-13	
11	Chris Schierhold		P/W	" "	6-6-13	
12	A. BANNER		P/W	" "	" "	
13	JOSE SAHIC		P/W	823-8811	6-6-13	
14	James Malhana		P/W	823-8811	" "	
15	Rick Williams		P/W	823-8811	6-6-13	
16	BOB EVANS		P/W	823-8811	6-6-13	
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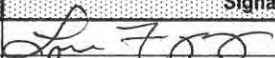


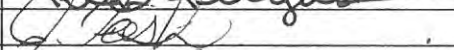
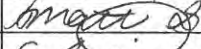


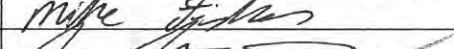

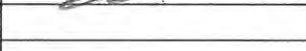


Class : Storm Water Training 2013

Date: 05/08/13

Time: 1400

Location: Rancho Cucamonga
F.C.

Instructors: NPDES STAFF:
SEVERO / PARKER

	Name (Please Print Clearly)	Signature	City / Department	Phone	Conf. Date	Note
1	LOIS Faragoza		Rancho Cuc / Flood		5-8-13	
2	Bruce A. CONTINI		RANCHO CUC. / FLOOD			
3	Eric Vasquez		Rancho Cuc. / Flood		5/8/13	
4	Rick Ferguson					
5	JAMIKKO FOSTER					
6	Matt sommerville					
7	Michael Tamora					
8	Robert Clark					
9	Richard LUCERO					
10	Mike Fisher					
11	John ARJONA					
12	Don POHJ					
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Construction Training Morning Session

Name/ Title	Agency	Office Address	Phone Number	Email Address	Initials
Mike Moore Environmental Programs Inspector	City of Rancho Cucamonga	10500 Civic Center Drive Rancho Cucamonga, CA 91730	909-477-2730 ext 4063	mike.moore@cityofrc.us	<i>mm</i>
Rick Jay Public Works Inspector	City of Rancho Cucamonga	10500 Civic Center Drive Rancho Cucamonga, CA 91730	909-477-2740	richard.jay@cityofrc.us	<i>R Jay</i>
Roy Lucero Public Works Inspector	City of Rancho Cucamonga	10500 Civic Center Drive Rancho Cucamonga, CA 91730	909-477-2740	roy.lucero@cityofrc.us	<i>R.L.</i>
Dexter Parker Engineering Tech IV	San Bernardino County	825 E. Third Street San Bernardino, CA 92415	909-387-8109	<i>d.parker@sbcounty.gov</i>	<i>D.P.</i>
Elias Severo Engineering Tech IV	San Bernardino County	825 E. Third Street San Bernardino, CA 92415	909-387-8109		<i>E.S.</i>
Eduard Varga Engineering Tech V	San Bernardino County	825 E. Third Street San Bernardino, CA 92415	909-387-8132	evara@dpw.sbcounty.gov	<i>E.V.</i>
Kenneth Le Engineering Tech IV	San Bernardino County	825 E. Third Street San Bernardino, CA 92415	909-387-8109		<i>K.L.</i>
Raul Briseno Engineering Tech IV	San Bernardino County	825 E. Third Street San Bernardino, CA 92415	909-387-8109	<i>rbrisen@dpw.sb.</i>	<i>R.B.</i>
Steve Nawar Senior Engineer	City of Fontana	16489 Orange Way Fontana, CA 92335	909-350-6685	snawar@fontana.org	<i>S.N.</i>
Keith Tolliver Assistant Engineer	City of Fontana	16489 Orange Way Fontana, CA 92335	909-350-6685	ktolliver@fontana.org	<i>K.T.</i>
Fidel Rosas Building Inspector	City of Fontana	8353 Sierra Ave Fontana, CA 92335	909-350-6673	frosas@fontana.org	<i>F.R.</i>
Tanya Honeycutt Environmental Compliance Inspector	City of Montclair	514 Benito Street Montclair, CA 91763	909-625-9481	thoneycutt@cityofmontclair.org	<i>T.H.</i>
Joe Rosales NPDES Coordinator	City of Montclair	5111 Benito Street Montclair, CA 91763	909-625-9470	jrosales@cityofmontclair.org	<i>J.R.</i>
Steve Stanton Project Manager	City of Montclair	5111 Benito Street Montclair, CA 91763	909-625-9444	sstanton@cityofmontclair.org	<i>S.S.</i>
Moises Peralta Gomez Senior Intern	City of Montclair	5111 Benito Street Montclair, CA 91763	909-625-9447	mgomez@cityofmontclair.org	<i>M.P.G.</i>
Peter Tran Associate Engineer	Ontario Municipal Utilities Company	1425 S. Bon View Ave Ontario, CA 91761	909-395-2657 909-395-2608 fax	tmimmack@ci.ontario.ca.us	<i>P.T.</i>
Ryan Bengsch Assistant Engineer	Ontario Municipal Utilities Company	1425 S. Bon View Ave Ontario, CA 91761	909-395-2657 909-395-2608 fax	tmimmack@ci.ontario.ca.us	<i>R.B.</i>
Cynthia Heredia-Torres Assistant Engineer	Ontario Municipal Utilities Company	1425 S. Bon View Ave Ontario, CA 91761	909-395-2657 909-395-2608 fax	tmimmack@ci.ontario.ca.us	<i>C.H.T.</i>

Stephen Wilson Environmental Water/WW Eingineer	City of Ontario	303 E. "B" Street Ontario, CA 91761	909-395-2389 909-395-2122 fax	swilson@ci.ontario.ca.us	SW
John Montgomery Senior Public Works Inspector	City of Ontario	303 E. "B" Street Ontario, CA 91761	909-395-2140 909-395-2122 fax	jmontgomery@ci.ontario.ca.us	Jm
Tom Palmieri Survey Technician	City of Ontario	303 E. "B" Street Ontario, CA 91761	909-395-2247 909-395-2122 fax	tpalmieri@ci.ontario.ca.us	TP
John Wheatley	City of Rialto	150 S. Palm Ave Rialto, CA 92376			
Eddie Chan	City of Rialto	150 S. Palm Ave Rialto, CA 92376	909- ⁸²⁰ 221 -2651	ecchan@rialto.ca.gov	EC
Kevin Sin	City of Rialto	150 S. Palm Ave Rialto, CA 92376			
Jamie Cruz	City of Rialto	150 S. Palm Ave Rialto, CA 92376			
Bob Whitlock NPDES Coordinator	City of San Bernardino	300 N "D" Street San Bernardino, CA 92418	909-384-5154	whitlock_ro@sbcity.org	BW
David Zamiski Construction Inspector II	City of San Bernardino	300 N "D" Street San Bernardino, CA 92418	951-232-8742 909-384-5080 fax	zamiski_da@sbcity.org	D.Z.
Mark Raab Acting City Engineer	City of San Bernardino	300 N "D" Street San Bernardino, CA 92418	909-384-5166	raab_ma@sbcity.org	MR
M. Yunus Rahi PE Project Manager	City of San Bernardino/ Transtech Engineers	862 Canterbury Lane San Dimas, CA 91773	626-826-7560 909-595-8863 fax	yunus.rahi@transtech.org	YR
Neville Pereira	City of San Bernardino/ Transtech Engineers	1224 Inverness Drive La Canada, CA 91011	818-421-1911	neville@pereira5.com	NP
Jeff Bohlander Public Works Inspector	City of Chino Hills	14000 City Center Drive Chino Hills, CA	909-364-2764	jbohlander@chinohills.org	JB
Mario Gonzales	City of Redlands	35 Cajon Street Redlands, CA 92373	909-435-5927	aacevedo@cityofredlands.org	
Terry Fritiz	City of Redlands	35 Cajon Street Redlands, CA 92373	909-798-7597	tfritz@cityofredlands.org	TF
Alex Acevedo	City of Redlands	35 Cajon Street Redlands, CA 92373	909-435-5927	aacevedo@cityofredlands.org	AA
Tim Shields	City of Redlands	35 Cajon Street Redlands, CA 92373		tshields@cityofredlands.org	TS
Allan Collett	City of Redlands	35 Cajon Street Redlands, CA 92373	909-798-7585	acollett@cityofredlands.org	AC
^{Saucan} Mario Sasito	City of Redlands	35 Cajon Street Redlands, CA 92373			MS
Bill Mahaney	San Bernardino County Special Districts			bmahaney@sdd.sbcounty.gov	BM
Ryan Brown	San Bernardino County	825 E. Third Street, Room 147 San Bernardino, CA 92415	909-387-7937	rbrown@dpw.sbcounty.gov	RB

Construction Training Afternoon Session

Name	Agency	Office Address	Phone Number	Email Address	Initials
Fred Richter Public Works Inspection Supervisor	City of Fontana	8353 Sierra Ave Fontana, CA 92335	909-350-6632 909-350-6618 fax	frichter@fontana.org	<i>FR</i>
Jay Tuttle Eingeneering/Public Works Inspector	City of Highland	27215 Baseline Highland, CA 92346	909-864-6861 ext 240 909-862-3180 fax	jtuttle@ercinc.com	<i>Jay T.</i>
Melissa Morgan Public Services Manager	City of Highland	27215 Baseline Highland, CA 92346	909-864-6861 ext 230 909-862-3180 fax	mmorgan@cityofhighland.org	<i>MM</i>
Andrea Saavedra Public Services Coordinator	City of Highland	27215 Baseline Highland, CA 92346	909-864-8732 ext 271 909-862-3180 fax	asaavedra@cityofhighland.org	<i>AS</i>
Scott Rapp Environmental Programs Inspector	City of Rancho Cucamonga	10500 Civic Center Drive Rancho Cucamonga, CA 91730	909-477-2730 ext 4064	scott.rapp@cityofrc.us	<i>Scott Rapp</i>
Mike Brawthen Public Works Inspector	City of Rancho Cucamonga	10500 Civic Center Drive Rancho Cucamonga, CA 91730	909-477-2740	mbrawthen@aufbau.com	<i>MB</i>
Cathy Dawson Public Works Inspector	City of Rancho Cucamonga	10500 Civic Center Drive Rancho Cucamonga, CA 91730	909-477-2740	cathy.dawson@cityofrc.us	<i>Cathy Dawson</i>
Dexter Parker Engineering Tech IV	San Bernardino County	825 E. Third Street San Bernardino, CA 92415	909-387-8109		<i>Dexter Parker</i>
Mario Quintana Building Inspector II	City of Fontana	8353 Sierra Ave Fontana, CA 92335	909-350-7616	mquintana@fontana.org	<i>Mario Q.</i>
Yvonne Elliott Assistant Engineer	City of Ontario	303 E. "B" Street Ontario, CA 91761	909-395-2143 909-395-2122 fax	yelliott@ci.ontario.ca.us	<i>Yvonne Elliott</i>
AnnMarie Guilliam Engineering Assistant	City of Ontario	303 E. "B" Street Ontario, CA 91761	909-395-2116 909-395-2122 fax	aguilliam@ci.ontario.ca.us	<i>AnnMarie</i>
David Gonzales Public Works Inspector	City of Ontario	303 E. "B" Street Ontario, CA 91761	909-395-2139 909-395-2122 fax	dgonzales@ci.ontario.ca.us	<i>D. Gonzales</i>
John Avila Senior Public Works Inspector	City of Ontario	303 E. "B" Street Ontario, CA 91761	909-395-2137 909-395-2122 fax	javila@ci.ontario.ca.us	<i>John Avila</i>
Joe Cylwik Engineer	City of Big Bear Lake	PO Box 10000 Big Bear Lake, CA 92315	909-866-5831 909-866-7511 fax	jcylwik@citybigbearlake.com	<i>Joe Cylwik</i>
Nadeem Syed Construction Inspector	City of Rialto	150 S. Palm Ave Rialto, CA 92376	909-421-7942	nsyed@rialtoca.gov	<i>Nadeem Syed</i>
Richie Lawson Construction Inspector	City of San Bernardino	300 N "D" Street San Bernardino, CA 92418	951-232-3638 909-384-5155 fax	lawson_ri@sbcity.org	<i>Richie Lawson</i>
Gene Cahoon Building Inspector II	City of San Bernardino	300 N "D" Street San Bernardino, CA 92418	909-384-5373	cahoon_eu@sbcity.org	<i>Gene Cahoon</i>
Laura Weidemann Assistant Planner	City of San Bernardino	300 N "D" Street San Bernardino, CA 92418	909-384-5574	weidemann_la@sbcity.org	<i>Laura Weidemann</i>

Christopher Spek	City of Redlands	35 Cajon Street Redlands, CA 92373	909-206-7561	aacevedo@cityofredlands.org	
Bob Stuart	City of Redlands	35 Cajon Street Redlands, CA 92373		mgarcia@cityofredlands.org	
Cal Davis	City of Redlands	35 Cajon Street Redlands, CA 92373		cdavis@cityofredlands.org	
Jose Torres Risa Jones	City of Redlands	35 Cajon Street Redlands, CA 92373			J.T.
Mike Garcia	City of Redlands	35 Cajon Street Redlands, CA 92373		mgarcia@cityofredlands.org	
Julian Gonzales	City of Redlands	35 Cajon Street Redlands, CA 92373		jgonzales@cityofredlands.org	
Randy Cowles	City of Redlands	35 Cajon Street Redlands, CA 92373		rcowles@cityofredlands.org	
Mark Torres Public Works Inspector II	City of Chino Hills	14000 City Center Drive Chino Hills, CA	909-364-2779	mtorres@chinohills.org	
Tad Garrety	City of Chino Hills	14000 City Center Drive Chino Hills, CA	909-364-2722	tgarrety@chinohills.org	
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Emmanuel Uychoede	San Bernardino County	825 E. Third Street, Room 147 San Bernardino, CA 92415	909-387-1835	euyhocde@dpw.sbcounty.gov	
Aftab Hussain	City of Colton	160 S. 10th St Colton, CA 92324	909-370-5065	ahussain@ci.colton.ca.us	
Victor Ortiz	City of Colton	160 S. 10th St. Colton, CA 92324	909-514-4210	vortize@ci.colton.ca.us	
Victor ^{Marguez}	City of Colton	160 S. 10th Street Colton, CA 92324	909-370-5065	vmarguez@ci.colton.ca.us	
Ruben Valdez	City of Chino	13220 Catal Ave Chino 91710	909-334-3423	rvaldez@cityofchino.org	
Russ Reschke	City of Chino	13220 Central Ave Chino		rreschke@cityofchino.org	
Dwight Woodman	Chino Hills	14000 City Center Dr. Chino Hills CA		dwoodward@chinohill.org	

Steve Myers City of Fontana 8353 Sierra (909) 350-6757 smyers@fontana.org

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Silvia Gutierrez Assistant Planner	City of Montclair	514 Benito Street Montclair, CA 91763	909-625-9435	sgutierrez@cityofmontclair.org
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Kim Le Assistant Planner	City of Chino	13220 Central Ave Chino, CA 91710	909-591-9893	kle@cityofchino.org
Ruben Valdez Environmental Coordinator	City of Chino	13220 Central Ave Chino, CA 91710	909-464-0744 909-590-5535 fax	rvaldez@cityofchino.org
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AN Steve Nawar	City of Fontana	8353 Sierra Ave Fontana, CA 92335		snawar@fontana.org
Dawn Clement	City of Fontana	8353 Sierra Ave Fontana, CA 92335		dclement@fontana.org

Rena Sweeney <i>RS</i>	City of Fontana	8353 Sierra Ave Fontana, CA 92335		rsweeney@fontana.org
Paul Gonzales <i>PG</i>	City of Fontana	8353 Sierra Ave Fontana, CA 92335		pgonzales@fontana.org
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Joe Dyer <i>JD</i>	City of Chino Hills	14000 City Center Drive Chino Hills, CA		
<i>AM</i> Betty Donovanik	City of Chino Hills	14000 City Center Drive Chino Hills, CA		

Kevin White County of S.B

Andrew Mellon Big Bear Lake

Madeem Syed City of Rialto

Sign-In Sheet
 July 2 & 3, 2013
 QSP Training Course

July 2 July 3

Print legibly.

Name	Phone	26 Aug	28 Aug
Kevin Collins			
Company	email address		
Address		7:30 a.m. Initial	7:30 a.m. Initial
Address		11:30 p.m. Initial	11:30 p.m. Initial
City, State, Zip Code		12:30 p.m. Initial	12:30 p.m. Initial
Name	Phone		
Joe Slegers			
Company	email address		
Address		7:30 a.m. Initial	7:30 a.m. Initial
Address		11:30 p.m. Initial	11:30 p.m. Initial
City, State, Zip Code		12:30 p.m. Initial	12:30 p.m. Initial
Name	Phone		
Darin Chamberlain	955-5100		
Company	email address		
City of Victorville	dchamberlain@victorvilleca.gov		
Address		7:30 a.m. Initial	7:30 a.m. Initial
14343 Civic drive		D.C.	D.C.
Address		11:30 p.m. Initial	11:30 p.m. Initial
		D.C.	
City, State, Zip Code		12:30 p.m. Initial	12:30 p.m. Initial
Victorville CA 92392		D.C.	
Name	Phone		
Karla Luther			
Company	email address		
Address		7:30 a.m. Initial	7:30 a.m. Initial
Address		11:30 p.m. Initial	11:30 p.m. Initial
City, State, Zip Code		12:30 p.m. Initial	12:30 p.m. Initial
Name	Phone		
Travis Clark	760 955-5135		
Company	email address		
City of Victorville	TClark@victorvilleca.gov		
Address		7:30 a.m. Initial	7:30 a.m. Initial
14343 Civic Drive		TC	TC
Address		11:30 p.m. Initial	11:30 p.m. Initial
Victorville, CA		TC	
City, State, Zip Code		12:30 p.m. Initial	12:30 p.m. Initial
CA, 92392		TC	

Sign-In Sheet
 July 2-3, 2013
 QSP Training Course

Print legibly.

July 2 July 3
~~26-Aug~~ ~~28-Aug~~

Name David Randall	Phone 760 4036040	
Company City of Victorville	email address drandall@victorville.ca.us	
Address 14343 Civic dr		7:30 a.m. Initial PR
Address		11:30 p.m. Initial 11:30 p.m. Initial
City, State, Zip Code Victorville Ca 92392		12:30 p.m. Initial 12:30 p.m. Initial
Name Dan Stratton	Phone	
Company	email address	
Address		7:30 a.m. Initial 7:30 a.m. Initial
Address		11:30 p.m. Initial 11:30 p.m. Initial
City, State, Zip Code		12:30 p.m. Initial 12:30 p.m. Initial
Name Wes Mills	Phone	
Company	email address	
Address		7:30 a.m. Initial 7:30 a.m. Initial
Address		11:30 p.m. Initial 11:30 p.m. Initial
City, State, Zip Code		12:30 p.m. Initial 12:30 p.m. Initial
Name Scott Webb	Phone 760-955-5135	
Company CITY OF VICTORVILLE	email address SWEBS@VICTORVILLECA.GOV	
Address 14343 CIVIC DR		7:30 a.m. Initial SW SN
Address VHET		11:30 p.m. Initial SW
City, State, Zip Code VICTORVILLE, CA 92392		12:30 p.m. Initial SN
Name Phillip Callister	Phone	
Company CITY OF VICTORVILLE	email address	
Address 14343 CIVIC DRIVE		7:30 a.m. Initial PC
Address VICTORVILLE		11:30 p.m. Initial 11:30 p.m. Initial
City, State, Zip Code 92392		12:30 p.m. Initial 12:30 p.m. Initial

Sign-In Sheet
 July 2-3, 2013
 QSP Trainign Course

July 2 July 3

Print legibly.

Name	Phone	15 Jul	17 Jul
Robert Lewis	760-955-5198		
Company CITY OF VICTORVILLE	email address BLEWIS@CI.VICTORVILLE.CA.US		
Address 14343 CIVIC DR.		7:30 a.m. Initial REL	7:30 a.m. Initial REL
Address VICTORVILLE CA.		11:30 p.m. Initial REL	11:30 p.m. Initial
City, State, Zip Code 92392		12:30 p.m. Initial	12:30 p.m. Initial
Name Joseph Flores	Phone		
Company	email address		
Address		7:30 a.m. Initial	7:30 a.m. Initial
Address		11:30 p.m. Initial	11:30 p.m. Initial
City, State, Zip Code		12:30 p.m. Initial	12:30 p.m. Initial
Name Louie Rodriguez	Phone 760-955-5200		
Company CITY OF VICTORVILLE	email address LRODRIGUEZ@VICTORVILLE.CA.GOV		
Address 14177 MCART RD		7:30 a.m. Initial C	7:30 a.m. Initial C
Address VICTORVILLE		11:30 p.m. Initial C	11:30 p.m. Initial
City, State, Zip Code CA 92392		12:30 p.m. Initial C	12:30 p.m. Initial
Name Mike Boock	Phone 760-243-6357		
Company C6VV	email address mboock@Victorville.ca.gov		
Address 14177 McArt Rd		7:30 a.m. Initial MB	7:30 a.m. Initial MB
Address Victorville		11:30 p.m. Initial MB	11:30 p.m. Initial
City, State, Zip Code CA 92392		12:30 p.m. Initial MB	12:30 p.m. Initial
Name Liz Becerra	Phone 760-243-6390		
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Address 14177 McArt		7:30 a.m. Initial LB	7:30 a.m. Initial LB
Address Victorville		11:30 p.m. Initial LB	11:30 p.m. Initial
City, State, Zip Code CA 92392		12:30 p.m. Initial LB	12:30 p.m. Initial

Not here for exam

Not here for Exam

Sign-In Sheet
 July 2-3, 2013
 QSP Training Course
 Print legibly.

July 2 July 3

Name	Phone	15-Jul	17-Jul
EFRAIN LOPEZ	760 559 0258		
Company COOLEY CONST	email address		
Address 17525 Eucalyptus St. Ste G		7:30 a.m. Initial	7:30 a.m. Initial
Address		11:30 a.m. Initial	11:30 a.m. Initial
City, State, Zip Code Hesperia CA 92348		12:30 p.m. Initial	12:30 p.m. Initial
JAMIL WOOD	760-559-0269		
Company Cooley Const.	email address		
Address 17525 Eucalyptus St. Ste G		7:30 a.m. Initial	7:30 a.m. Initial
Address		11:30 a.m. Initial	11:30 a.m. Initial
City, State, Zip Code Hesperia CA 92348		12:30 p.m. Initial	12:30 p.m. Initial
BENJAMIN COOLEY	760-559-0240		
Company COOLEY CONSTRUCTION INC	email address bcooley@cooleyconstruction.net		
Address 17525 EUCALYPTUS STREET SUITE G		7:30 a.m. Initial DRC	7:30 a.m. Initial
Address		11:30 a.m. Initial	11:30 a.m. Initial
City, State, Zip Code HESPERIA CAL 92345		12:30 p.m. Initial	12:30 p.m. Initial
		7:30 a.m. Initial	7:30 a.m. Initial
		11:30 a.m. Initial	11:30 a.m. Initial
		12:30 p.m. Initial	12:30 p.m. Initial
		7:30 a.m. Initial	7:30 a.m. Initial
		11:30 a.m. Initial	11:30 a.m. Initial
		12:30 p.m. Initial	12:30 p.m. Initial

APPENDIX D

Community Clean-Up and Recycling Event Flyers





NEWS RELEASE

DATE: July 22, 2013

FOR IMMEDIATE RELEASE

CONTACT: Dana Armstrong, Solid Waste Manager
(760) 955-5086

**SHRED-FEST & MULCH GIVEAWAY ON SATURDAY, AUGUST 3rd AT VICTOR VALLEY MRF
ADDED BONUS—FREE REUSABLE SHOPPING BAG TO FIRST 75 VISITORS**

High Desert residents are invited to attend the Victor Valley Materials Recovery Facility (MRF) Shred-Fest and Mulch Giveaway on Saturday, August 3rd, from 8 a.m. to 12 noon. The Victor Valley MRF is located at 17000 Abbey Lane, in Victorville, just off of Stoddard Wells Road—right on the way to the County landfill. All activities are FREE and open to all residents of the High Desert.

Free Shred-Fest: High Desert residents can bring up to four bankers boxes of confidential paper documents to be shredded for free. All Purpose Document Destruction will have a truck on site, so residents can watch their documents get shredded. The free shredding is for paper documents from residents only. No business materials.

Free Mulch and Compost Giveaway: Area residents can pick up free mulch on Saturday at the MRF. This is a “self-serve” giveaway, so residents will need to bring their own shovels and containers to load the mulch into. Limit 50 gallons per resident.

Free Drop-off of TVs, Computers, and Appliances: On Saturday, residents can bring TVs, computers, scrap metal, and appliances to drop-off for free at the RECYCLE ALLEY drop off area.

Free Reusable Grocery Bag Giveaway: The first 75 visitors will receive a free reusable shopping bag.

In addition, residents can also visit the MRFs buy back center and redeem their separated CRV bottles and cans for cash.

The Victor Valley MRF serves as the processing center for recyclables from Apple Valley and Victorville's curbside and commercial/business recycling programs. The MRF is also a buy back and drop-off recycling center open to the public and businesses. It is regularly open Monday through Friday from 8 a.m. to 4 p.m. and Saturdays from 8 a.m. to 12 noon.

For more information, contact the City of Victorville Recycling Program at 955-8615.

Pr mat mrf open sat 8/2013



NEWS RELEASE

DATE: March 14, 2013

FOR IMMEDIATE RELEASE

CONTACT: Dana Armstrong, Solid Waste Manager
(760) 955-5086

**It's Spring Cleaning Time in Victorville!
Volunteers Needed to Help "Pitch In" During Victorville Community Cleanup Day
Registration Deadline is March 28**

The City of Victorville's next Community Cleanup Day is scheduled for Saturday, April 13th, and the City is reminding volunteers there are just two weeks left to sign up to receive an event t-shirt.

Individuals or groups interested in volunteering should fill out a volunteer registration/waiver form and send it back to the City of Victorville Solid Waste Division by March 28th to receive a t-shirt. Registration forms are available:

- On the Victorville website at www.victorvilleca.gov (Quick Link: Community Cleanup)
- At Victorville City Hall, 14343 Civic Drive, open Monday-Thursday, 7:30 a.m. to 5:30 p.m.

Individuals are encouraged to join with friends, family, and community groups to create teams to participate. The event is open to all High Desert residents. Businesses are also encouraged to create teams to participate.

Community Cleanup Day volunteers work in teams to pick up litter from roadsides and lots all over the City. Volunteers receive a free t-shirt and discount coupons for lunch at more than a dozen participating Victorville restaurants. The City provides gloves, litter sticks, water, and trash bags for the event, and disposes of all litter collected.

The Victorville Community Cleanup Day is a semi-annual event, held each April and October. The event began in October 2007. Since then, more than 4,800 volunteers have worked together to collect over 48 tons of litter from Victorville roadsides. Last October, over 800 people volunteered, collecting 11 tons of litter from 25 different sites around the City. The goal for this April's event is to again recruit over 800 volunteers to help out.

For more information, or to request a waiver by mail, potential volunteers should call the City of Victorville Community Services Department at 760-955-4817.

END

VICTORVILLE COMMUNITY CLEANUP DAY WAS A HUGE SUCCESS

We have positive confirmation that volunteerism is alive and thriving in our community! Nearly 800 volunteers participated in the semi-annual Community Cleanup Day on Saturday, October 20.

“It was great to see that many people, especially so many young people, donating their time and energy to give back to their community at this wonderful event,” said Dana Armstrong, Solid Waste Manager.

The 28 teams of volunteers were comprised of students, Girl Scout troops, church groups, area businesses, service and support groups, City staff, families, friends, neighbors and individuals. Between them they collected a whopping 11.22 tons of litter from our streets—the most ever!

The City of Victorville would like to thank the event sponsors for their generous support: Victorville Chamber of Commerce, Alaska USA Federal Credit Union, Daily Press, Gold West Mobile Home Park, Nutro Company, Larivee for Victorville City Council, Servpro, Shear Realty, Valley Sporting Goods, and Victorville Disposal, a Burrtec Company.

The next Victorville Community Cleanup Day will take place in April 2013. The exact date will be announced on our Website at <http://ci.victorville.ca.us> [Quick Link: Community Cleanup.](#)



Mayor McEachron out thanking volunteers—here with City team.



Students from Victor Valley High School/AVID.

FREE DROP-OFF

Victor Valley MRF Recycling Center

17000 Abbey Lane in Victorville (just off Stoddard Wells Rd.)

SHRED-FEST 2013


Feb 2 - May 4 - Aug 3 - Nov 2

8 a.m. to 12 noon*



<p>Bring up to 4 “bankers boxes” of confidential documents to shred—FREE!</p> 	<p>On your way to the landfill? Recycle at the MRF instead.</p> 	<p><u>New Items!</u> Now accepting donations of clothing and shoes!!</p> 	<p>Drop off old TVs, computers, & appliances for FREE!</p> 	<p>Drop off scrap metal, mixed paper, plastic, glass, cardboard, & newspaper.</p> 	<p>Redeem your CRV bottles & cans for \$ CASH</p> 
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***PLEASE NOTE:** Shredding ends at 12 noon or when the shred truck fills up, whichever occurs first.

<p><i>Got Mulch?</i></p>	<p>Need mulch for your yard? There will be FREE mulch at the MRF during the Shred-Fest events. This is a “load your own” mulch giveaway, so be sure to bring your own shovels, as well as bags or other containers, to load mulch into. The giveaway is for residents only — no businesses or commercial vehicles. Mulch LIMIT up to 50 gallons.</p>	
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Sponsored by Burrtec Waste Industries, the City of Victorville and the Town of Apple Valley. For more information contact Burrtec Waste Municipal Programs Coordinator at (760) 245-8607 Or call the Victor Valley MRF Recycling Center at (760) 241-1284.



Customer Service and Recycling Coordinator
 (760) 245-8607
 www.burrtec.com



City of Victorville
 Recycling Program
 (760) 955-8615

Apple Valley Cares



A Better Way of Life

Town of Apple Valley
 Municipal Services Department
 (760) 240-7000 X 7521
 www.applevalley.org

Here's What You Can Recycle At the "MRF"!!

Bring these items to the MRF "Recycle Alley" Drop-Off Area for free.








FREE DROP-OFF

TVs - Computers
Appliances
All Scrap Metal
Glass Bottles & Jars
Clothes & Shoes

Mixed Plastics
Plastic Grocery Bags
CRV Bottles & Cans*
Cardboard*
Newspaper*

**Indicates buy-back/redeemable item*

BUY-BACK CENTER

-  **CRV Aluminum— \$1.75/pound**
-  **CRV Glass— 10.5 cents/pound**
-  **CRV PET Plastic— \$1.00/pound**
-  **CRV Water Jugs— 57 cents/pound**
-  **HDPE—Milk Jugs (not CRV)— 2 cents/pound**
-  **Newspapers— 3.25 cents/pound**
-  **Corrugated Cardboard— 4.85 cents/pound**

All Prices effective as of 10/1/2012. Prices subject to change without notice.

Victor Valley Materials Recovery Facility

17000 Abbey Lane in Victorville
 Open Monday-Friday 8 a.m. to 4 p.m.
 and Saturday 8 a.m. to 12 noon

To find out more about the recycling services available at the MRF call (760) 241-1284 or for more information on how to RECYCLE call Burrtec Waste Municipal Programs Coordinator at (760) 245-8607.

FREE DROP-OFF


Victor Valley MRF Recycling Center
 17000 Abbey Lane in Victorville (just off Stoddard Wells Road)

SHRED-FEST 2012


Aug 4 & Nov 3

8 a.m. to 12 noon



<p>On your way to the landfill? Recycle at the MRF instead.</p> 	<p>Drop off old TVs, computers, & appliances for FREE</p> 	<p>Drop off scrap metal, mixed paper, plastic, glass, cardboard, & newspaper.</p> 	<p>Redeem your CRV bottles & cans for \$ CASH!</p> 	<p>Bring up to 4 "bankers boxes" of confidential documents to shred for FREE!</p> 
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<p><i>Got Mulch?</i></p>	<p>Need mulch for your yard? There will be FREE mulch at the MRF during the Shred-Fest event. This is a "load your own" mulch giveaway, so bring your own shovels as well as bags or other containers to load mulch into. The giveaway is for residents only— no businesses or commercial vehicles. Mulch LIMIT up to 50 gallons.</p>	
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Bring these items to the MRF "Recycle Alley" Drop-Off Area for

FREE DROP-OFF

TVs
Computers
 Appliances
All Scrap Metal
 Glass Bottles & Jars

Mixed Plastic
 Plastic Grocery Bags
Mixed CRVs *
Cardboard *
Newspaper *

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- CRV Water Jugs— 57 cents/pound**
- HDPE—Milk Jugs (not CRV)— 2 cents/pound**
- Newspapers— 4.1 cents/pound**
- Corrugated Cardboard— 5.05 cents/pound**

All Prices effective as of 4/1/2012. Prices subject to change without notice.

Victor Valley Materials Recovery Facility

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 Open Monday-Friday 8 a.m. to 4 p.m.
 and Saturday 8 a.m. to 12 noon

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FREE DROP-OFF

Victor Valley MRF Recycling Center
 17000 Abbey Lane in Victorville (just off Stoddard Wells Road)


SHRED-FEST 2012

Last Shred-Fest of the Year... Nov 3
 8 a.m. to 12 noon*



<p>On your way to the landfill?</p> <p>Recycle at the MRF instead.</p> 	<p><u>New Items!</u></p> <p>Now accepting donations of clothing and shoes!!</p> 	<p>Drop off old TVs, computers, & appliances for FREE</p> 	<p>Drop off scrap metal, mixed paper, plastic, glass, cardboard, & newspaper.</p> 	<p>Redeem your CRV bottles & cans for \$ CASH!</p> 	<p>Bring up to 4 "bankers boxes" of confidential documents to shred for FREE!</p> 
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***PLEASE NOTE:** Shredding ends at 12 noon or when the shred truck is full, whichever occurs first.

<p><i>Got Mulch?</i></p>	<p>Need mulch for your yard? There will be FREE mulch at the MRF during the Shred-Fest/Open House event. This is a "load your own" mulch giveaway, so bring your own shovels as well as bags or other containers to load mulch into. The giveaway is for residents only— no businesses or commercial vehicles. Mulch LIMIT up to 50 gallons.</p>	
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Sponsored by Burrtec Waste Industries, the City of Victorville and the Town of Apple Valley. For more information contact Burrtec Waste Municipal Programs Coordinator at (760) 245-8607 or call the Victor Valley MRF Recycling Center at (760) 241-1284.



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City of Victorville
Recycling Program
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Apple Valley Cares



A Better Way of Life
Town of Apple Valley
Municipal Services Department
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Here's What You Can Recycle At the "MRF"!!

Bring these items to the MRF "Recycle Alley" Drop-Off Area for

FREE DROP-OFF

Computers

TVs

Mixed Plastic

Appliances **All Scrap Metal**

Plastic Grocery Bags

Glass Bottles & Jars

Mixed CRVs *








Cardboard *

Clothes & Shoes!!!

Newspaper *

* Indicates buy-back/redeemable item

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Victor Valley Materials Recovery Facility

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and Saturday 8 a.m. to 12 noon

To find out more about the recycling services available at the MRF call (760) 241-1284 or for more information on how to RECYCLE call Burrtec Waste Municipal Programs Coordinator at (760) 245-8607.



City of Hesperia

Community Clean Up Day

Volunteers Needed!

April 13, 2013

8:00 am - 11:00 am

Families . Schools . Clubs . Churches . Businesses . Individuals

Let's all be accountable for our environment and keep Hesperia clean & beautiful.

T-shirt, gloves and bags will be provided

Sign up in advance by downloading a registration and waiver form at: www.cityofhesperia.us/Clean-up



Advance Disposal

For more information call (760) 947-1589 or email jryan@cityofhesperia.us

Free Dump Day will not be available.



City of Hesperia

Community Clean Up Day

Volunteers Needed!

New Date

October 27, 2012

8:00 am - 11:00 am

Families . Schools . Clubs . Churches . Businesses . Individuals

Let's all be accountable for our environment and keep Hesperia clean & beautiful.

T-shirt, supplies and discounted restaurant coupons provided

Sign up in advance by downloading a registration and waiver form at: www.cityofhesperia.us/Clean-up



Advance Disposal

For more information call (760) 947-1589 or email jryan@cityofhesperia.us

Free Dump Day will not be available.



Help our City get rid of E-Waste the right way by sending it to a proper recycling process and not into the landfills!

- Electronic discard is one of the fastest growing segments of this nation's waste stream.
- 56% of American households have functional e-products that they no longer use.
- 70% of heavy metals, 40% of lead and mercury found in today's landfills come from E-Waste.
- Federal mandate requires that television stations switch from analog format to digital format, which means a greater number of televisions will become obsolete over the next several years.

E-Waste Collection Event Date, Time and Location:

Saturday & Sunday, January 5 & 6, 2013
9 am – 4 pm
behind Eagle Plaza
15776 Main Street
(enter from 9th Avenue)

Hosted by: City of Hesperia and Hesperia Chamber of Commerce



Hesperia Chamber
of commerce

For more information please visit the City website
at www.cityofhesperia.us or call (760) 947-1589.

What is "E-waste"?

E-Waste is any consumer electronic equipment that has reached its 'end-of-life' or 'end-of-usage,' whether in full or non-working condition. It includes most electronics or electric appliances with a cord or circuit board such as:

Computer Monitors, Television sets, PC Systems, Printers, Laptops, Copiers, Scanners, Fax Machines, Toner Cartridges, UPS & PDAs, Power Supplies, Main Frame Units, Networking Equipment, Mother Board Systems, VCR/VCD/DVD Players, Home Entertainment Systems, Landline and Cellular Phones, & Small Portable Devices.

There is a **\$5.00 service fee** for Microwave Ovens. Refrigerators, Washer and Dryers, Fluorescent Light Bulbs, and Household Batteries **will not be accepted.**

FREE Electronic Waste Recycling Event

Saturday & Sunday
June 22 & 23, 2013
9:00 am to 4:00 pm

Behind Eagle Plaza
(enter from 9th Avenue)
15776 Main Street
Hesperia, CA 92345



Hosted by:

City of Hesperia and
Hesperia Chamber of Commerce



HesperiaChamber
of commerce

For more information please visit the City website
at www.cityofhesperia.us or call (760) 947-1589.

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Computer Monitors, Television sets, PC Systems, Printers, Laptops, Copiers, Scanners, Fax Machines, Toner Cartridges, UPS & PDAs, Power Supplies, Main Frame Units, Networking Equipment, Mother Board Systems, VCR/VCD/DVD Players, Home Entertainment Systems, Landline and Cellular Phones, & Small Portable Devices. We also accept car and forklift batteries. **There is a \$5.00 service fee for Microwave Ovens.** Refrigerators, Washer and Dryers, Fluorescent Light Bulbs, and Household Batteries **will not be accepted.**

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Community Clean Up Day 2013

Apple Valley goes GREEN!



VOLUNTEERS NEEDED!

When: April 20th & October 5

Where: Contact Special Events for Location Site

Time: 8:30am to 12pm Cost: Free

[View the Community Clean Up Flyer here!](#)

Let your Saturday go to "waste!" Join in a Town-wide effort to pick up litter.

In celebration of "A Better Way of Life," the Town of Apple Valley welcomes volunteers at the next Community Clean-Up Day. Community service organizations, schools, clubs and individual volunteers are invited to participate in cleaning up designated areas of town. Volunteers must sign up in advance and then check in for assignments at Town Hall, 14955 Dale Evans Parkway. Bulky household items such as mattresses, appliances, and furniture may be dropped off free of charge at the collection bins on the corner of Navajo and Pah-ute. No tires, televisions, computer monitors or other hazardous materials will be accepted. Proof of Apple Valley residency is

required.

General household trash, yard waste and construction debris will be not be accepted at the drop-off location.

For more event details please call (760) 240-7000 X 7071 or Email us here.

Our twice annual Clean Up Days are made possible with the help of Burrtec/ AVCO, Sparkletts, Take Pride in America, and Keep California Beautiful.

☐

Calendar of Events

Neighborhood Clean Up

Date: 1/26/2013 9:00 AM - 3:00 PM

Cost: FREE!

Location: Lion's Park
20701 Outer Hwy 18 South
Apple Valley, California 92307

Add to my Outlook Calendar



Apple Valley Residents Only

Litter Removal and Recycling Event

Saturday January 26th

9:00am - 3:00pm

For More Information Contact Code Enforcement @

(760)240-7560 or code@applevalley.org



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Calendar of Events

Shred-Fest

Date: 2/2/2013 8:00 AM - 12:00 PM

Cost: Free Drop-Off

Location: Victor Valley MRF Recycling Center
17000 Abbey Lane
Victorville , California 92392

Add to my Outlook Calendar



Free shredding services will be on-site and available for High Desert Residents. You can also redeem CRV bottles & cans for cash and drop off old TVs, computers and appliances for FREE!

Free Shred-Fest: High Desert residents can bring up to four bankers boxes of confidential paper documents to be shredded for free. All Purpose Document Destruction will have a truck on site, so residents can watch their documents get shredded. The free shredding is for paper documents from residents only. No business materials. Limit 4 boxes.

Free Mulch Giveaway: Area residents can pick up free mulch on Saturday at the MRF. This is a "self-serve" giveaway, so residents will need to bring their own shovels and containers to load the mulch into. Limit 50 gallons per resident.

Free Drop-off of TVs, Computers, Scrap Metal, Appliances: On Saturday, residents can bring TVs, computers, scrap metal, and appliances to drop-off for free at the RECYCLE ALLEY drop off area.

Free Drop-off of Usable Clothing and Shoes: The Recycle Alley drop off area now has separate bins for clothing and shoes.

Buy Back Center For CRV and Cardboard: The MRF's buy back center will be open.

The Victor Valley MRF serves as the processing center for recyclables from Apple Valley and Victorville's curbside and commercial/business recycling programs. The MRF is also a buy back and drop-off recycling center open to the public and businesses. It is open Monday through Friday from 8 a.m. to 4 p.m. and Saturdays from 8 a.m. to 12 noon.

For more info:

- Call Burrtec Waste Municipal Programs Coordinator at (760) 245-8607
- Call Victor Valley MRF Recycling Center at (760) 241-1284
- Visit the City of Victorville's website [here!](#)

[Add to my Outlook Calendar](#)

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Calendar of Events

Shred-Fest

Date: 5/4/2013 8:00 AM - 12:00 PM

Cost: Free Drop-Off

Location: MRF (Materials Recovery Facility)
17000 Abbey Lane
Victorville , California 92392

Add to my Outlook Calendar



Free shredding services will be on-site and available for High Desert Residents. You can also redeem CRV bottles & cans for cash and drop off old TVs, computers and appliances for FREE!

Free Shred-Fest: High Desert residents can bring up to four bankers boxes of confidential paper documents to be shredded for free. All Purpose Document Destruction will have a truck on site, so residents can watch their documents get shredded. The free shredding is for paper documents from residents only. No business materials. Limit 4 boxes.

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For more info:

- Call Burrtec Waste Municipal Programs Coordinator at (760) 245-8607
- Call Victor Valley MRF Recycling Center at (760) 241-1284
- Visit the City of Victorville's website [here!](#)

Add to my Outlook Calendar

TO CONNECT TO THE STORM DRAIN:

It is illegal to connect to the storm drain without a permit. To obtain a storm drain connection permit, contact the Town of Apple Valley Engineering Department at (760) 240-7000 ext. 7353.

RECYCLING AND HAZARDOUS WASTE INFORMATION:

San Bernardino County Fire Department
Hazardous Materials Division
Phone: (909) 386-8401

For more information on storage/disposal of hazardous waste call:
Department of Toxic Substances Control (DTSC)
Duty Officer: (818) 551-2830 or log on to www.dtsc.ca.gov.

TO REPORT ILLEGAL DUMPING OR SPILLS:

San Bernardino County Stormwater Program
24-hour non-emergency Water Pollution Hotline
1 (800) CLEANUP

TO REPORT A CLOGGED STORM DRAIN INLET OR CATCH BASIN:

Public Works Department
730am - 530pm Monday-Friday
(760) 240-7000 ext. 7500
After hours call (760) 961-6001

HOUSEHOLD HAZARDOUS MATERIALS DISPOSAL:

The Town collects hazardous materials generated in the normal course of household operations—no business waste, no medical waste, or reactive waste will be accepted. The Collection Center is located at the Public Works Yard, at 22411 Highway 18, and is open the 1st and 3rd Saturdays of each month, excluding holiday weekends.

This brochure is one of a series of brochures describing storm drain protection measures.

Other brochures include:

AUTOMOTIVE MAINTENANCE

FOOD SERVICE INDUSTRY

USED OIL MANAGEMENT

HOUSEHOLD HAZARDOUS WASTE

For more information about storm drain protection or additional brochures, call the Town of Apple Valley at (760) 240-7000 or go to the web at www.applevalley.org.

**TOWN
OF
APPLE VALLEY**



**Storm Water Pollution
Prevention
Best Management Practices
(BMPs)**



**Landscaping,
Gardening, and Pest
Control
for**

Homeowners

Gardeners

Landscapers

PROBLEMS

Storm Water Pollution

It's Up To Us

The Town of Apple Valley has two drainage systems - the sewers and the storm drains. The storm drain system was designed to prevent flooding by carrying excess rainwater away from our streets out to local dry washes and finally to the Mojave River.

During storms in urban areas, rainwater may mix with pollutants from commercial businesses and household runoff creating storm water pollution.

Landscaping and garden maintenance activities can be major sources of storm water pollution, including pollutants such as nutrients (from fertilizers) and bacteria (from fertilizers and household pets).

Poorly functioning sprinklers and over watering are wasteful and increase pollutants flowing into storm drains during dry weather.

Fertilizers, pesticides, and herbicides are washed off lawns and landscaped areas. These chemicals not only kill garden invaders, they also harm useful insects, poison fish, and contaminate rivers and ground water.

Leaves, grass clippings, and tree trimmings that are swept or blown into the street and gutters are also sources of pollution. These wastes clog catch basins, increasing the risk of flooding on your street, while they carry garden chemicals into local waterways. As it decomposes, this "green waste" uses up oxygen in water that fish and other aquatic life need to survive.




SOLUTIONS

Landscape Installation

- Schedule grading and excavation projects for dry weather.
- Protect stockpiles and materials from wind and rain by storing them under tarps or secured plastic sheeting.
- Use temporary check dams or ditches to divert runoff away from storm drains.
- Prevent erosion by mulching or planting fast-growing annual and perennial grasses. These will shield and bind the soil.
- Use native or drought tolerant plants which require less water, fertilizer and pesticides to thrive.

Garden and Lawn Maintenance

- Do not over water. Excess water should not be allowed to run over street/gutters. Conserve water by using drip irrigation soaker hoses, or micro-spray systems, and mulch planting beds to retain moisture. 
- Leave all landscaping waste in approved green waste containers for pick-up and composting.
- Do not blow or rake leaves into the street, parkways, gutter, or storm drains.
- Use organic or non-toxic fertilizers.
- Do not over fertilize and do not fertilize near storm drain inlets, or near paved areas that may carry runoff to storm drain inlets.

Pesticide Alternatives

The "Chemicals-only" approach to pest control is only a temporary fix, and tends to rely on toxic materials. A more common-sense approach is needed for a long-term solution. It's called *Integrated Pest Management (IPM)*.

Plan your IPM strategy in this order:

A) Physical Controls

- Caulking holes
- Barriers
- Traps
- Hand picking

B) Insect Controls

- Predatory insects (e.g. Green lacewings eat aphids)
- Bacterial insecticides (e.g. *Bacillus thuringiensis* kills caterpillars)



C) Chemical Controls-Your Last Resort

Use these least-toxic products:

- Dehydrating dusts (e.g. silica gel)
- Insecticidal soaps
- Boric acid power
- Horticultural oils

If You Must Use Pesticides

Use a pesticide that is specifically designed to control your pest. The insect should be listed on the label. Approximately 90% of the insects on your lawn and garden are not harmful.

- **Read labels!** Use only as directed. In their zeal to control the problem, many gardeners use pesticides at over 20 times the rate farmers do.

Pesticide Disposal

Household toxics-such as pesticides, cleansers, and motor oil, can pollute the rivers and poison groundwater if disposed of in storm drains or gutters.

- Rinse empty pesticide containers and use rinse water as you would the product. Empty containers may be recycled depending on their type or may be thrown in the trash.
- The Town collects hazardous materials at the Public Works Yard, at 22411 Highway 18. The collection center is open the 1st and 3rd Saturdays of each month, excluding holiday weekends.



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This brochure is one of a series of brochures describing storm drain protection measures.

Other brochures include:
FOOD SERVICE INDUSTRY
USED OIL MANAGEMENT
HOUSEHOLD HAZARDOUS WASTE
LANDSCAPING, GARDENING & PEST CONTROL

For more information about storm drain protection or additional brochures, call the Town of Apple Valley at (760) 240-7000 or go to the web at www.applevalley.org.

**TOWN
OF
APPLE VALLEY**



**Storm Water Pollution
Prevention**
**Best Management Practices
(BMPs)**



**Automotive
Maintenance**

for

Automotive Service Facilities

Retail Gasoline Outlets

Automotive Dealerships

Mobile Fleet Managers

PROBLEMS

Storm Water Pollution - It's Up To Us

The Town of Apple Valley has two drainage systems - the sewers and the storm drains. The storm drain system was designed to prevent flooding by carrying excess rainwater away from Town streets out to the Mojave River.

During storms in urban areas, rainwater may mix with pollutants from commercial and residential areas before entering the storm drain. During dry weather, pollutants are moved into the storm drain by washing down drive ways and parking lots, spills, and by the wind. The storm drain carries this storm water and urban runoff pollution to the Mojave River without any type of treatment to remove pollution.



Auto Maintenance Problems


Many common automobile maintenance routines can be major sources of storm water pollution including pollutants such as oil and grease from cars, asbestos worn from brake linings, and toxics from spilled fluids. These can make their way into a gutter or storm drain and pollute our local waters.

SOLUTIONS


The following controls referred to as “Best Management Practices” or BMPs will help ensure a cleaner Town and Mojave River.



Cleaning Work Sites

- Avoid hosing down your garage floor and driveway. It is best to sweep regularly. 
- Implement good general housekeeping practices.
- Use non-toxic cleaning products. A water and baking soda mixture works great on removing corrosion from battery heads and for cleaning chrome.
- Discharge wastewaters to the sanitary sewer or contain it for transfer to a legal point of disposal.


Spills

- Maintain the facility area to be clean & dry and without excessive staining.
- Store containers within secondary containment. 
- Avoid accidental spills by using drip pans and funnels when draining or pouring fluids.
- Be ready for the unexpected spills by preparing and using spill containment and clean-up kits.
- If a spill occurs, pour cat litter, sawdust or cornmeal on the spill, then place waste materials in a covered waste container.

Vehicle Fueling

- Routinely sweep fuel-dispensing areas for removal of litter and debris, and keep rags and absorbents ready for use in case of leaks and spills.
- Prohibit washdown of the facility to areas near the storm drain.
- By October 1st of each year, inspect and clean facility storm drain inlets and catch basins.
- Post signs at fuel dispensers warning against “topping off” of vehicle fuel tanks, install automatic shutoff fuel dispensing nozzles.
- Routinely check outdoor waste receptacles and air/water supply areas, clean leaks and drips, and ensure that only watertight waste receptacles are used and that lids are closed.

Vehicle Washing

- If possible, take vehicles to a washing facility to prevent oil and grease, suspended solids and other toxics from washing into the storm drains. 
- Use phosphate-free biodegradable detergents.
- Designate an area for cleaning activities. The area must be paved and well marked as a cleaning area.
- Contain and recycle wash-waters. Whenever possible, wash vehicles near a clarifier or floor sump.

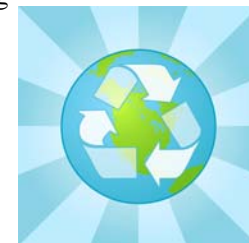
Recycling

You must recycle, it is the law:

- Division 20 of the Health and Safety Code requires motor oil recycling.
- Section 66822 of the California Code requires lead acid battery recycling.

There are recycling programs for:

- Used tires
- Oil Filters
- Anti-freeze
- Cleaning solutions
- Hydraulic and transmission fluids
- Metal scrap
- Water-based paints



Employee and Customer Education

Train employees on storm water pollution prevention practices annually.

Educate your customers and raise their awareness about proper washing, recycling and disposal procedures, assistance is available from the Town.

TO CONNECT TO THE STORM DRAIN:

It is illegal to connect to the storm drain without a permit. To obtain a storm drain connection permit, contact the Town of Apple Valley Engineering Department at (760) 240-7000 ext. 7353.

RECYCLING AND HAZARDOUS WASTE INFORMATION:

San Bernardino County Fire Department
Hazardous Materials Division
Phone: (909) 386-8401
For more information on storage/disposal of hazardous waste call:
Department of Toxic Substances Control (DTSC)
Duty Officer: (818) 551-2830 or log on to www.dtsc.ca.gov.

TO REPORT ILLEGAL DUMPING OR SPILLS:

San Bernardino County Stormwater Program
24-hour non-emergency Water Pollution Hotline
1 (800) CLEANUP

TO REPORT A CLOGGED STORM DRAIN INLET OR CATCH BASIN:

Public Works Department
730am - 530pm Monday–Friday
(760) 240-7000 ext. 7500
After hours call
(760) 961-6001

HOUSEHOLD HAZARDOUS MATERIALS DISPOSAL:

The Town collects hazardous materials generated in the normal course of household operations—no business waste, no medical waste, or reactive waste will be accepted. The Collection Center is located at the Public Works Yard, at 22411 Highway 18, and is open the 1st and 3rd Saturdays of each month, excluding holiday weekends.

Other brochures include:

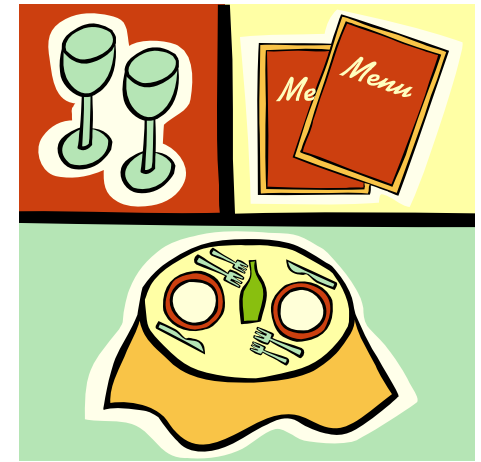
LANDSCAPING
AUTOMOTIVE MAINTENANCE
USED OIL MANAGEMENT
HOUSEHOLD HAZARDOUS WASTE

For more information about storm drain protection or additional brochures, call the Town of Apple Valley at (760) 240-7000 or go to the web at www.applevalley.org.

**TOWN
OF
APPLE VALLEY**



**Storm Water Pollution
Prevention**
**Best Management Practices
(BMPs)**



Food Service Industry

for

Restaurants

Grocery Stores

Bakeries

Food Producers & Distributors

PROBLEMS

Storm Water Pollution - It's Up To Us

Pollution and urban runoff discharged into the Town of Apple Valley's storm drain system does not get treated before reaching the Mojave River. Polluted run-off can contaminate our drinking water and waterways making them unsafe for people and wildlife and increasing the risk of inland flooding by clogging gutters and catch basins.

Activities at food service facilities can be major sources of storm water pollution, including fats, oil and grease (FOG) which clog sewer lines; cleaning fluids, mop water and trash from improper waste disposal; nutrients and bacteria from food wastes; and landscape maintenance, and vehicle fluids leaked on parking lots. Other examples of food service activities that contribute to the storm water pollution problem include placing food waste in leaky dumpsters, not cleaning up outdoor food areas, washing down floor mats which carry oil and soap into storm drain inlets, outdoor washing and changing of oily vents, and improper maintenance of delivery trucks that may leak motor oil on paved areas from where it may later be washed into the storm drain system.

SOLUTIONS

Good Housekeeping Practices

Five basic Best Management Practices (BMPs) should be employed at all food service facilities.

- Obtain educational materials on storm water pollution prevention and train employees on BMPs.
- Do not pour oil and grease or residue onto a parking lot, street or storm drain inlet.
- Keep the trash bin area clean and trash bin lids closed, and do not fill trash bins with any type of liquid.
- Do not allow illicit discharges that may enter the storm drain, including washwater from floor mats, floors, porches, parking lots, filters, garbage/trash containers and nearby alleys, sidewalks and streets.
- Remove food waste, rubbish and other materials from parking lot areas in a sanitary manner that does not create a nuisance or discharge to the storm drain.



Good Housekeeping Practices

Below are additional BMPs for daily food service facility operations and maintenance.

- Cover, repair or replace leaky dumpsters and compactors, and/or drain the pavement beneath them to the sanitary sewer. Rain can wash oil, grease, and substances into the storm drain system. Wind can blow trash and debris into streets and the storm drain.



- Before storing outside, wash greasy equipment such as vents and vehicles only in designated wash areas properly connected to the sanitary sewer system with an appropriate oil/water separator.
- Don't hose down spills, but instead use dry methods for spill cleanup (sweeping, cat litter, etc.).
- Clean floor mats, filters, garbage cans in a janitorial mop sink or other designated area that drains to the sanitary sewer, not the storm drain.
- Pour all washwater into a janitorial mop sink or other designated area that drains to the sanitary sewer, not the storm drain.
- Recycle grease and oil and don't pour it into sinks, floor drains, parking lots or streets.
- Look for curbside catch basins and other storm drain inlets in and near the workplace. These should be labeled with stencils that say "NO DUMPING: THIS DRAINS TO RIVER". All of us need to make sure that only clean storm drain water runoff is allowed to enter these inlets

Fats, Oils & Grease Management

Fats, oil & grease (FOG) often clog sewer pipes and cause them to overflow releasing raw sewage into the environment. FOG pollution can be avoided by following these recommendations:



- Consistently use BMPs to keep FOG out of plumbing systems, and
- Insure the grease traps or interceptors are properly sized, installed and maintained.

Reduce and Recycle

Purchase recycled products. By doing so, you help ensure a use for the recyclable materials that people collect and recycle.

- Recycle the following materials:
- Paper and cardboard
- Glass, aluminum and tin containers
- Pallets and drums
- Oil and grease

Recycle oil and grease wastes. *Never dump them down sinks, storm drains or on the ground.* Look in the yellow pages for "Renderers" or call (909) 386-8401 for disposal information. Keep grease bins covered and contained. Keep your grease interceptor maintained to prevent sewer overflows or backups keep records of grease waste hauling.

Toxic Waste Disposal

Buy the least toxic products available.

Toxic wastes includes used cleaners, rags (soaked with solvents, floor cleaners and detergent) and automotive products (such as anti-freeze, brake fluid, radiator flush, and used batteries). For disposal information call the Department of Toxic Substances Control at (818) 551-2830 or log on to www.dtsc.ca.gov.



Customer Service and Recycling Coordinator
 (760) 245-8607
 www.burrtec.com



Here's What You Can Recycle At the "MRF"!!

Bring these items to the MRF "Recycle Alley" Drop-Off Area for

FREE DROP-OFF

TVs
Computers
Appliances
All Scrap Metal
Glass Bottles & Jars

Mixed Plastic
 Plastic Grocery Bags
Mixed CRVs *
Cardboard *
Newspaper *

* Indicates buy-back/redeemable item

BUY-BACK CENTER

- CRV Aluminum— \$1.75/pound**
- CRV Glass— 10.4 cents/pound**
- CRV PET Plastic— 93 cents/pound**
- CRV Water Jugs— 55 cents/pound**
- HDPE—Milk Jugs (not CRV)— 2 cents/pound**
- Newspapers— 4.25 cents/pound**
- Corrugated Cardboard— 5.1 cents/pound**

All Prices effective as of 1/1/2012. Prices subject to change without notice.

Victor Valley Materials Recovery Facility

17000 Abbey Lane in Victorville
 Open Monday-Friday 8 a.m. to 4 p.m.
 and Saturday 8 a.m. to 12 noon

To find out more about the recycling services available at the MRF call (760) 241-1284 or for more information on how to RECYCLE call Burrtec Waste Recycling Coordinator at (760) 245-8607.

Acceptable HHW

· pesticides · wood preservatives · auto batteries · photographic supplies · medications · paint thinners · auto and furniture polish · household batteries · herbicides · drain cleaners · antifreeze · fertilizers · poisons · household chemicals · paint · TVs · used motor oil · used oil filters · old hobby/art supplies · computer monitors · aerosol cans · oven cleaner · batteries · fungicides · stump remover · rodent poisons · diesel · gasoline · pool chemicals · adhesives · sealers · solvents · home generated medical sharps · small electronics · used cooking oil · parts dip · fluorescent tubes · photographic chemicals and supplies · CFLs



To report illegal dumping of hazardous materials anonymously, call 1-800-33-TOXIC.

Unacceptable Waste

Radioactive waste, biohazards, infectious waste, explosives, and/or asbestos cannot be accepted. Business waste is NOT accepted.

Reduce the Waste you Make . . . Use Safer Alternatives!

- Use non-toxic and biodegradable soaps or baking soda for cleaning.
- Buy re-refined motor oil.
- Use pump-type spray bottles instead of aerosol sprays.
- Use a weak solution of dish soap and water in a pump bottle for insect control instead of poisons.
- Use mechanical traps or glue traps for rodent control rather than poisons.



Green Apple
Town of Apple Valley

14955 Dale Evans Parkway
Apple Valley, California 92307

Phone: 760-240-7500
Fax: 760-247-7399
Email: publicworks@applevalley.org



A Better Way of Life

Household Hazardous Waste Services

What is "HHW"?

Household Hazardous Waste (HHW) is any material generated by normal household activity which may threaten human health or the environment if disposed of improperly. Many ordinary products that we use everyday can have a negative impact on the environment if not disposed of properly.

Used motor oil is one of the biggest environmental problems. Pouring oil into a drain, a sewer, or burying it contaminates both the ground and our drinking water. One gallon of motor oil will contaminate a million gallons of drinking water.

Dumping oil or any other chemical is a crime, both legally and environmentally. Leftover chemicals and cleaners, medicines, hobby supplies should go to a household hazardous waste collection



We only have one planet.

center. Think "green" and be environmentally friendly!

Special collections are conducted periodically to accept tires and other items. Contact Code Enforcement if you have any questions concerning tire disposal, at 760-240-7560, or check the Community Calendar on the Town's website at www.applevalley.org.

FREE!

Apple Valley HHW
Collection Center

The Apple Valley Household Hazardous Waste Collection Center is located at the Public Works Yard, 13450 Nomwaket Rd., south of Powhatan. HHW is open every Saturday between 10 am and 2 pm, weather permitting.

This service is provided free to San Bernardino County residents. Proof of residency may be required.

Safe Transport of HHW

In order to safely transport household hazardous waste to the collection center, please follow these guidelines:

1. Make certain that the amount of waste transported does not exceed 5 gallons per container and a total of 15 gallons or 125 pounds per trip.
2. Check that the waste containers are not leaking and are properly sealed.
3. Keep the waste in its original container if possible; otherwise, label it **clearly** as to contents.
4. Place the wastes securely in the vehicle for safe transport to the collection center.

Business Waste?

HHW cannot accept waste from businesses. However, if your business generates less than 27 gallons or 220 pounds of hazardous waste per month, you may qualify for San Bernardino County's Conditionally Exempt Small Quantity Generator (CESQG) Program.

The CESQG program is a mobile hazardous waste pickup service for eligible businesses in the county. Trained County Fire Department personnel will come to your business, assist you in labeling and marking the hazardous waste, and remove it for safe disposal.

Call 1-800 OILYCAT to receive a copy of the County brochure outlining the CESQG program and its cost.



Printed with assistance from the California Department of Resources Recycling and Recovery (CalRecycle)