

# **Mojave River Watershed Group**

**Small Municipal Separate Storm Sewer System General Permit** 

Waste Discharge Identification Number 6B336SM40301

# Fiscal Year 2011-12 Annual Report

# **Prepared for:**

# California Regional Water Quality Control Board Lahontan Region

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September 7, 2012

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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

YELC Youth Environmental Leadership Council

## 1. Introduction

#### Phase II Small MS4 General Permit

The Phase II Small Municipal Separate Storm Sewer System (MS4) General Permit program is intended to address potentially adverse impacts to surface water quality by instituting the use of controls on unregulated sources of stormwater discharges that have the greatest likelihood of causing continued environmental degradation. Stormwater discharges from MS4s in urbanized areas are a concern because of the potential for these discharges to contain pollutants. Concentrated development in urbanized areas substantially increases impervious surfaces, such as city streets, driveways, parking lots, and sidewalks, on which pollutants from concentrated human activities can settle and remain until a storm event washes them into nearby storm drains.

Common pollutants include pesticides, fertilizers, oil and grease, trash and other debris, metals, and sediment. Another concern is the possible illicit connections of sanitary sewers, which can result in high levels of fecal coliform bacteria entering the storm drain system. Stormwater runoff can pick up and transport these and other potentially harmful pollutants and discharge them untreated to waterways. Under some circumstances, these discharges can result in a loss in aesthetic value and contaminate local drinking water supplies.

Uncontrolled 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. Numerous studies have shown that the amount of sediment transported by stormwater runoff from construction sites with no 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 can be 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 overwhelm a small stream channel's capacity, resulting in streambed scour and streambank erosion.

#### Mojave River Watershed Group General Permit Coverage and Annual Report

In accordance with the State Water Resources Control Board (SWRCB) Water Quality Order No. 2003-0005-DWQ 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 referred to as the Mojave River Watershed Group (MRWG) agencies, submitted a Notice of Intent (NOI) and Stormwater Management Program (SWMP) to the Lahontan Regional Water Quality Control Board (RWQCB) in August 2003 requesting coverage under the Phase II Small MS4 General Permit. The RWQCB accepted the SWMP and issued coverage under the Phase II permit to the MRWG Permittees in February 2005.

The MRWG SWMP consists of a comprehensive plan to develop, implement, and enforce a stormwater management program designed to reduce the discharge of pollutants from the MS4 to the Maximum Extent Practicable (MEP) to protect surface water quality. The SWMP includes the following six Minimum Control Measures (MCMs):

- 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

Each MCM consists of various implementation measures and Best Management Practices (BMPs) to prevent or reduce adverse affects on stormwater runoff and receiving water bodies. In addition, each MCM has several measureable goals to demonstrate compliance and effective implementation of the stormwater management program. Since the first 5-year term of the Small MS4 General Permit has expired, the MRWG continues to implement its MCMs but there are no new measurable goals at this time.

This Annual Report covers the period from July 1, 2011 through June 30, 2012, which represents the eighth year of the program. The Annual Report is an evaluation of the MRWG's stormwater program and provides a status of implementation and compliance. It also includes an assessment of the effectiveness of the selected BMPs.

# 1.1 Summary of Major Accomplishments for Fiscal Year 2011-12

This Unified Annual Report will detail the successful implementation of all MCMs and demonstrate Permittee compliance with the Phase II Small MS4 General Permit. Major accomplishments between July 1, 2011 and June 30, 2012, include but are not limited to:

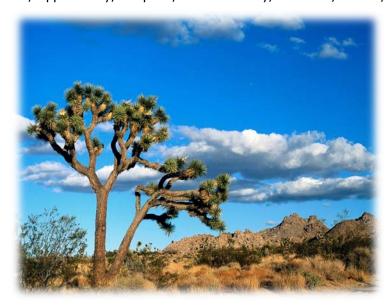
- > Distributing 597 "Protect Your Home" Pledges that were signed by residents stating they will follow a set of guidelines to prevent stormwater pollution in the High Desert Community;
- Distribution of 1,684 tip cards and flyers during community outreach events;
- ➤ Establishing 109 partnerships with local businesses including new partnerships with pool and mobile cleaning services;
- > Increasing the amount of "followers" and "likes" in the MRWG's social media accounts by more than double;
- > Increasing the number of MRWG website visits and the time spent on the website per visit;
- > Sponsoring litter clean-up events resulting in the collection of 109.2 tons of trash;
- > Reducing pollutant load by 355 tons as a result of household hazardous waste collected;
- > Establishing effective relationships with builders to quickly resolve deficient construction site BMPs and avoid the need for enforcement actions; and
- Completing comprehensive stormwater training 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 primary geographic and hydrologic feature of the watershed is the Mojave River. The headwaters of the Mojave River are in the San Bernardino Mountains, which annually receives greater than 40 inches of precipitation at its highest elevations. Much of the winter precipitation in the Bernardino Mountains falls in the form of snow that provides spring recharge Mojave River to the system. Historically, the annual recharge from



the headwaters is approximately 75,000 acre-feet. The Mojave River channel, through both surface and subsurface flow, transects the watershed a linear distance of approximately 120 miles to its terminus at Silver Dry Lake near the Community of Baker. Aside from intense storm events, the Mojave River channel is typically dry downstream of the Mojave Forks Dam except in select locations where groundwater is forced to the surface by geologic structures.

The Mojave River Watershed is divided into five sub-basins based on hydrologic features. The United States Geological Survey (USGS) Report 95-4189 identified these sub-basins as:

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

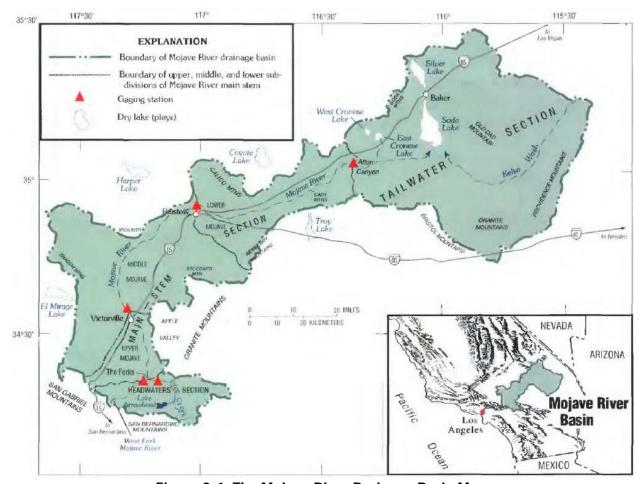


Figure 2-1 The Mojave River Drainage Basin Map

The sub-basins include an aquifer system consisting of two interconnected aquifers – floodplain aquifer and regional aquifer. The floodplain aquifer is composed of sand and gravel, which is as much as 250 feet thick, and generally follows 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.

## 3. Effectiveness Assessment of Fiscal Year 2011-12

## **Program Effectiveness Assessment Strategy**

The SWMP is comprised of six program elements known as MCMs, each with specific control measures to reduce pollutants in urban and stormwater discharges. These MCMs are being implemented on a jurisdictional and watershed wide basis and each MCM is iterative and incorporates phases of assessment to determine whether programmatic outcomes are being achieved. This assessment phase is formalized as the Annual Report. The strategy for the Annual Report is based on the selection and annual evaluation of implementation assessment measures.

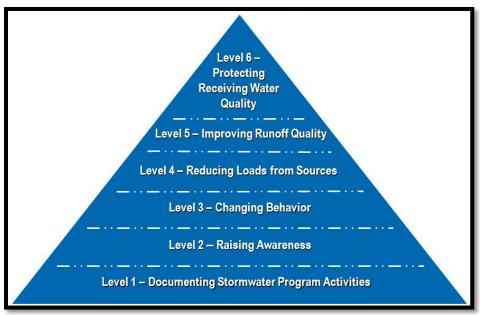


Figure 3-1 Classification of Outcome Levels Source: CASQA, 2007 (www.casqa.org)

Outcomes are the result of an activity, program element, or overall program and can be characterized in terms of six levels. Figure 3-1 shows these levels as a gradation from activity-based to water quality-based outcomes and illustrates the progression of each successive step toward the ultimate goal of environmental improvement. In general, Levels 1 to 3 can be considered Implementation Outcomes, Levels 5 and 6 Water Quality Outcomes, and Level 4 a combination of the two types. Each level has value in informing the management process and it bears emphasis that not all are necessary or possible in every instance (CASQA, 2007).<sup>1</sup>

<sup>&</sup>lt;sup>1</sup> California Stormwater Quality Association (CASQA), 2007. "Municipal Stormwater Program Effectiveness Assessment Guidance."

#### **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:

- 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 below. This relationship further illustrates the fact that environmental outcomes rest on, or follow from, jurisdictional program implementation. Moreover, it points to the reality that scientifically robust evidence of changing ecosystem quality will follow confirmation of program implementation and should not be expected to be evident concurrently.

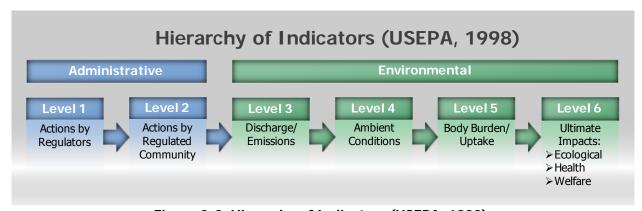


Figure 3-2 Hierarchy of Indicators (USEPA, 1998)

Key attributes of assessment measures include:

- Measurability (statistically measurable on a frequent basis);
- Relevance (significant, demonstrable relation 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 updated).

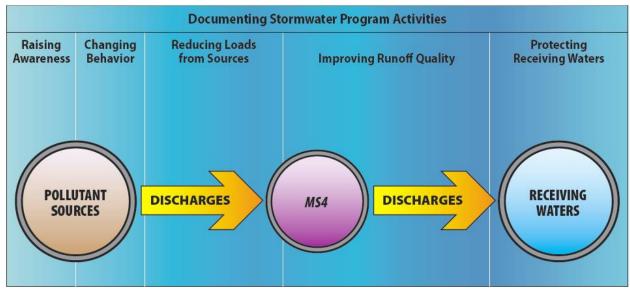


Figure 3-3 Documenting Stormwater Program Activities

#### **Effectiveness Assessment**

A program of effectiveness assessment requires the initial establishment of a set of baseline conditions. Thereafter, effectiveness can be evaluated by comparisons of successive years of indicator information against the baseline data. Where the period of evaluation is characterized by the implementation of new program requirements, determinations of program effectiveness will initially be limited to confirmation of program implementation. However, it must be recognized that direct measures of program effectiveness may not be available within the timeframe of the initial five-year Phase II Small MS4 General Permit. This lack of direct measure confirmation arises because:

- Baseline conditions are not readily established;
- > Water quality changes in response to program implementation are likely to be very slow; and
- > Establishing a link between receiving water condition and program activities is difficult at the watershed scale when programs are being implemented incrementally within the development and redevelopment cycle.

The process of stormwater program effectiveness assessment is conducted annually and focuses on program implementation. Inferences about the connection of management program elements to water quality improvements made in these assessments will predominantly be drawn from the assessment of programmatic indicators and indirect measures of progress. In addition, the outcome of the assessment may propose revisions to the SWMP. The effectiveness assessments and Outcome Levels are presented below for each of the individual MCMs.

While program effectiveness assessment is a key step in the iterative adaptive process of program implementation, it should be realized that effectiveness assessment itself is a part of the management process that is also evolving. Assessing program effectiveness is recognized as a challenge for program managers across California, and the MRWG member agencies support the effort of the California Stormwater Quality Association (CASQA) to develop guidance in this area at a statewide level. This guidance was published as the Municipal Stormwater Program Effectiveness Assessment Guidance (CASQA, 2007) and will be used for the purpose of assessing the MRWG's SWMP implementation efforts to comply with the Phase II Small MS4 General Permit and reduce the discharge of pollutants from the MS4 to the MEP to protect water quality.

#### 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 stormwater runoff.

The MRWG SWMP outlined a plan to meet the requirements of this MCM with education and outreach programs for three diverse groups: students, homeowners, and business people. The objectives of the Public Education and Outreach Program are to:

- Reduce the amount of stormwater pollution in the Mojave River Watershed;
- > Change the mind-set of a large and diverse population while educating target audiences about solutions to stormwater pollution;
- > Improve general understanding of urban and stormwater runoff pollution prevention methods;
- Create synergy by using an overarching campaign approach, "look" and tone, and by unifying multiple pollution prevention efforts;
- > Maximize outreach efforts and implement specific tactics to shift audiences from the education phase to the personal responsibility phase;
- Impact more than one audience at a time with a single campaign;
- > Build bridges and forge partnerships that integrate city and jurisdictional programs; and
- > Document whether the education outreach effort resulted in behavior change that reduced pollution.

## 3.1.1 Implementation Status

The MRWG successfully accomplished the objectives of MCM 1, Public Education and Outreach. Program accomplishments included participating in local and regional events to disseminate outreach materials, distributing educational brochures and other handouts at high traffic locations for the targeted consumer, implementing an elementary and middle school, and college program to change the students' behavior and views on pollution prevention, staying active on Twitter and Facebook accounts to expand outreach efforts, and updating a watershed specific website to provide residents, businesses, City, Town, and County representatives with additional educational materials and references.

#### **Environmental Outreach Booths at Local and Regional Events**

To reach the target audience of "do-it-yourselfers", the MRWG participated in four community events where the prime audience would be present. The four events included Hesperia Days Celebration, Apple Valley Fall Festival, 27th Annual High Desert Home, Recreation, and Lifestyle Show, and 28th Annual High Desert Home and Garden Show. Materials such as tip cards, science fair flyers, and workshop flyers were distributed in an effort to educate homeowners on stormwater pollution and ways to prevent it. City, Town, and County staff was 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 new display boards and a prize wheel. 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 executed a comprehensive set of outreach activities to target homeowners and local businesses. This included forming new and reinforcing existing partnerships with garden centers/nurseries, paint stores, restaurants, home improvement stores, auto shops, community locations, pet facilities, and mobile cleaning businesses (i.e., pool cleaners) in order to place outreach materials at the fingertips of consumers. To minimize costs and maximize resources, the program sought to build on the relationships with the 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't's 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. Additionally, 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.

This year, MRWG branched out 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 the customers.

Taking business partnerships one step further, the outreach team implemented a 10-minute stormwater pollution prevention Microsoft PowerPoint training program that was presented to a total of 15 businesses. These trainings allowed for face time and one-on-one dialogue between outreach liaisons and business 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 be unintentionally engaged in various polluting activities during their home improvement projects, or pet owners who may not be picking up after their pets resulting in pollution. More than 70 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 15 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 lifestyle. As such, the MRWG performed outreach to elementary school students by offering pollution prevention presentations to schools throughout the area.

As part of the school assemblies, the MRWG designed an interactive presentation complete with a charades game, live animal displays, and prizes. Assemblies taught



children about stormwater pollution and 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 surroundings, teaching them about the storm drain system and how litter in the Mojave area impacts the surrounding 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 improve their surroundings. students could help 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 an interactive curriculum packet given to 98 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.

The MRWG also partnered with the Victor Valley College Science Department to conduct four stormwater education workshops to sixth through eighth graders at the 6th Annual Youth Environmental Leadership Council (YELC). The workshops included:

- ➤ EnviroScape Station Students viewed an EnviroScape demonstration of stormwater pollution for a watershed environment, allowing them to visually understand the concept of stormwater pollution, its sources and impacts, and how to prevent it.
- ➤ Chemical Free Pesticide Station With a few household materials and a squirt bottle, each student created their own chemical-free pesticide from scratch and was able to take it home.
- ➤ Wildlife Station Dr. Mike Glassey wowed students with his amazing collection of live High Desert wildlife and taught the process of biomagnification how a toxin becomes more potent as it moves up the food chain.
- Recording Process Station Important to each service learning project is the ability to accurately record results. Using a camera, MRWG shared with students how they could record their actions while doing a project on stormwater pollution prevention.

Thanks to MRWG's interactive workshop, a student group from Excelsior Middle School began planning four cleanup events in the High Desert. MRWG, along with their partners, assisted the Excelsior students in selecting an appropriate location for the cleanup events and provided bags and gloves for students to wear. In addition to Excelsior, two other student groups hosted cleanup events with the help of MRWG.

Hollyvale Elementary gathered a handful of their top students on a Saturday to clean-up their campus. After seeing what a great impact it has on his



students, Principal Matthew Fedders has committed to hosting a cleanup event in Fiscal Year 2012-13. MRWG also partnered with Victor Valley College to host a cleanup day that resulted in the collection of 1.1 tons of trash. These students have also committed to hosting another cleanup event during the next 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 five 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

MojaveRiver @MojaveRiver #Stormwater pollution prevention is a year-round effort. Learn how to protect #HighDesert water this summer: bit.ly/H1rN5O MojaveRiver @MojaveRiver 29 May Are you a "green" whiz? Test your Eco-IQ with @MojaveRiver's #environmental quiz! on.fb.me/JLiVKg MojaveRiver @MojaveRiver 17 May #DogOwners take a lesson about #stormwaterpollution prevention. Check out photos from the #HighDesert #AKC Dog show! on.fb.me/JncTZt

audiences to communicate and share photos with one another. Of MRWG's 120 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 hashtags and mentioning partners in the nearly 100 tweets posted this year have helped continually connect MRWG with its stakeholders.

#### **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 and Twitter feed.

Based on the Google Analytics, 61 percent of website visitors were new during the last fiscal year. Among all visitors, the average time spent on the site was significant at a little over five minutes. The average number of pages viewed per visit increased by three pages compared to Fiscal Year 2010-11. Analytics also indicated that the school page is one of the most popular pages on the website. In addition to an overview of available environmental assemblies, the school tab includes a photo page housing images of 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 four community outreach events. Five hundred and ninety-seven 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	1,613			
Pledge Forms	597			
Workshop Flyers	31			
Science Fair Flyers	40			
EnviroScape Demonstrations	65			

#### **Combined Homeowner and Business Outreach Program and Material Distribution**

Partnerships were maintained with 109 garden centers/nurseries, paint stores, restaurants, home improvement stores, auto shops, community locations pet facilities, and pool/mobile cleaning businesses to disseminate outreach materials within the local community. The MRWG worked with stores to train more than 70 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	10				
Paint Stores	8				
Restaurants	7				
Home Improvement Stores	9				
Auto Shops	36				
Community Locations	6				
Pet Facilities	27				
Pool/Mobile Cleaning	6				

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 109 garden centers/nurseries, paint stores, restaurants, home improvement stores, auto shops, community locations, pet facilities, and pool/mobile cleaning businesses. The 220 items that were collected were used as promotions in workshops, community outreach events or social media contests.

Table 3-3 Donation Items Collected				
Business Name	Items Secured			
Valentini Pizza	200 Pizza/Meal Coupons			
Advance Disposal	20 Recycle Wristbands			

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	4,100			
Pesticide Tip Card	4,100			
Pet Tip Card	1,400			
Paint Tip Card	5,500			
Total	16,100			

#### **School Outreach**

The MRWG conducted school presentations to ten elementary and middle schools and 3,638 students in Fiscal Year 2011-12. 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	3	543	3		
Juniper Elementary 94001 "I" Avenue	Hesperia	2	496	17		
Hollyvale Elementary 11645 Hollyvale Avenue	Victorville	2	750	19		
Mountain View Montessori Charter School 12900 Amethyst Road	Victorville	2	164	3		
Village Elementary School 15205 Ashley Glen Drive	Victorville	2	600	20		
Phoenix Academy 20700 Thunderbird Road	Apple Valley	2	570	19		
Ranchero Middle School 17607 Ranchero Road	Hesperia	3	180	6		
Discovery School of Arts 13247 Amethyst Road	Victorville	1	35	1		
Brentwood School of Business and Leadership 13962 Hook Boulevard	Victorville	4	180	6		
Parkview Elementary 13427 Cahuenga Road	Victorville	1	120	4		
Total: 22 3,638 98						

#### 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	146			
Followers	133			
Following	88			
Facebook Account	Measures			
Post Views	1,544			
Post Likes	121			

#### **MRWG Website**

The program revamped the www.mojaveriver.org website to make it make informative, entertaining, and intuitive. The website included 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 downloaded 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 determined to be at Outcome Levels 1 (Documenting Activities), 2 (Raising Awareness), 3 (Changing Behavior), and 4 (Reducing Loads from Sources).



## **Environmental Outreach Booths at Local and Regional Events**

The effectiveness of the environmental outreach booths at the four 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 597 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**

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, hardware stores, home improvement stores, pet facilities, and pool/mobile cleaning businesses 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 109 different locations.

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.

Since homeowner and business outreach programs have been determined to be effective at Outcome Levels 1, 2, and 3, and 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 more owners, managers, and employees on stormwater pollution while conducting outreach. This is because 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 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 four 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 3,638 students, which took a pledge to be Stormwater Troopers and take pride in their community and take action to keep it pollution free. Students from local elementary and middle schools, and colleges partnered with the MRWG to host various clean-up events collecting over 1.1 tons of trash from the Mojave River.

#### Media/Social Media Outreach

Outcome Levels 1 and 2 were attained with the Media/Social Media Outreach. The MRWG's Facebook and Twitter profile 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 preserving local 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 viewer activity increased in comparison to last year's figures. It received a total of 5,254 unique visitors and a total of 23,762 page views, a 48% increase.

#### 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 that impact our waterways. 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 does not propose any program modifications at this time.

## 3.2 MCM 2 – Public Involvement and Participation

The public can often 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 sources in the form of citizen volunteers;
- > A broader base of expertise and economic benefits since the community can be a valuable and free intellectual resource; and
- A conduit to other programs as citizens involved in the stormwater program provides important 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 Nine meetings were held among the Permittees for this reporting year, which were made open to other stakeholders.

#### **Annual Public Workshop**

On November 17, 2011, the MRWG hosted the 7th Annual Public Stormwater Workshop at the Town of Apple Valley Development Services Building Conference Center in Apple Valley. Residents, business and building community members, industry representatives, and elected officials of San Bernardino County, the Town of Apple Valley and the Cities of Hesperia and Victorville were invited to participate in a workshop to present information on the Mojave River Watershed stormwater program and obtain input from the public. 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 seventh 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. Tire 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 two Community Clean-Up Days that invited community service organizations, schools, clubs, and individual volunteers to participate in cleaning up designated areas of the Town. In this Town-wide effort to pick up litter, volunteers came together on October 22, 2011, and April 14, 2012, to dispose of mattresses, appliances, and furniture. General household trash, yard waste, and construction debris was taken to the Victorville landfill free of charge. An estimated 300 volunteers helped during the April 14, 2012 event and were able to dispose of 18.45 tons of trash and 1.71 tons of recycled metal in the course of one day.

As part of its commitment to keeping the community clean, the City of Hesperia held the Bi-Annual Citywide Clean-Up Day on October 22, 2011. The Bi-Annual Citywide Clean-Up Day brought together many volunteers who helped clean the City and collect a total of 44.8 tons of waste, 462 cubic yards of green waste, and 75 pieces of E-waste. The second Bi-Annual Citywide Clean-Up Day took place on April 14, 2012 and collected a total of 45.85 tons of waste and 276 cubic yards of green waste. The City also held four Tire Amnesty Days on August 6, 2011, October 22, 2011, February 4, 2012, and April 14, 2012, where residents were allowed to dispose of five tires, free of charge, with proof of residency. Additionally, the City held two ewaste events allowing residents to discard electronic devices free of charge January 7-8, 2012 and June 23-24, 2012.

The City of Victorville hosted four Shred-Fest events at the Victor Valley Materials Recovery Facility on August 6, 2011, November 5, 2011, February 4, 2012, and May 5, 2012. Residents were encouraged to drop off old televisions, computers, appliances, scrap metal, paper, plastic, glass, cardboard, newspaper, and confidential documents to shred for free. The Shred-Fest events resulted in the collection of 1.49, 1.91, 1.51, and 1.36 tons of material, respectively. The City of Victorville also hosted a Celebrate Earth Day event at the Materials Recovery Facility (MRF) on April 21, 2012. Victor Valley residents were encouraged to bring files to shred onsite, one full trash can of compost and mulch, and tires, which resulted in 1.42 tons of material collected. The event also included free "Mini Demos" on recycling, composting, environmental education, and recycled crafts. The City also held a Tire Amnesty Day on April 21, 2012, where residents were allowed to dispose of nine tires, free of charge, with proof of residency

The County of San Bernardino held two Clean-Up Days during Fiscal Year 2011-12, the first event was held on October 22, 2011, and the second, April, 14, 2012. Also collected at local waste facilities throughout the fiscal year were trash, yard waste, land clearing, solid fill, and construction/demolition waste. Waste collection efforts resulted in the collection of over 3,852 tons of waste.

## 3.2.2 Summary of BMPs

#### **Public Involvement and Stakeholder Participation**

The MRWG continued to work collectively with other area stakeholders to preserve water quality in the High Desert Region. Table 3-7 identifies the extent of involvement with each of the area stakeholders by attending regularly schedule meetings

Table 3-7 Area Stakeholder Meetings Attended				
Organization (Stakeholder	Meetings Attended			
Organization/Stakeholder		Н	V	SBC
Mojave Water Agency Technical Advisory Committee Meetings	0	6	3	5
San Bernardino County Flood Control District, Zone 4 Meetings	2	2	2	2
Mojave River Watershed Permittee Meetings	9	9	6	8

#### **Annual Public Workshop**

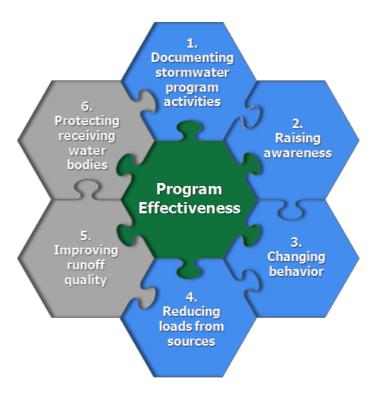
Permittees successfully engaged the public during this workshop to obtain helpful input on how to further involve the public in the implementation of the stormwater management program and answer community questions related to established stormwater regulations and their impacts on local businesses.

#### **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 on October 22, 2011, and April 14, 2012. 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 7th 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 does not propose any program modifications at this time.

# 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 Mojave River Watershed residents about the impacts of illicit discharges and proper methods of household hazardous waste disposal, maintaining sufficient legal authority to enforce the goals of the IDDE program, conducting investigations of reported or observed illicit discharges, and following through with enforcement actions when appropriate.

#### **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. 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, report, and monitor all identified illegal discharges and the County of San Bernardino continues to operate a 24-hour water pollution reporting hotline, 1-800-CLEANUP, and a website reporting system. The County also has an established 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, staffing operators to take anonymous tips from all states within the United States, including Puerto Rico and the Virgin Islands. A \$25,000 reward program is setup to reward individuals that provide information leading to the arrest and conviction of illegal dumpers.

As a preventative measure, the public education and outreach program and MRWG website promote and encourage Mojave River Watershed residents to utilize the various household hazardous waste collection sites located throughout the watershed. 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.

## **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, recreational sewage, 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. Many of these educational activities incorporated a pointed message about illicit discharges and the impacts that they have on the environment.

#### **IDDE Implementation and Procedures**

Table 3-8 documents the number of illicit discharges reported and investigated by each MRWG member agency and the results of each recorded incident.

Table 3-8 Illicit Discharges Reported and Resolved							
Permittee	Illicit Discharges Reported	Illicit Discharges Resolved <sup>1</sup>	Resulted in Enforcement Action	Resolution Rate			
Town of Apple Valley	16	12	16	75%			
City of Hesperia	193	161	104	83%			
City of Victorville	16	12	16	75%			
County of San Bernardino	6	5	5	83%			

<sup>&</sup>lt;sup>1</sup> Member agencies are unable to resolve all illicit discharges because at times the discharger is unknown and cannot be easily identified. For example, illegal dumping on a vacant lot.

The Mojave River Watershed has four household hazardous waste collection centers, Table 3-9, and several automotive retail outlets for residents to properly dispose of their unwanted medications, paint, used motor oil, antifreeze, automotive batteries, lawn care products, drain cleaners, pool care products, and household cleaners.

Table 3-9 Household Hazardous Waste and Used Oil Collection Centers						
Name Location	City/Area	Days of Operation	Times Open			
Apple Valley HHW Public Works Yard 22411 S. Outer Highway 18	Apple Valley	Saturdays	10 am to 2 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			
Victorville Fire Department East of Desert Knoll Dr. on Loves Lane	Victorville	Wednesday & Sunday	9 am to 4 pm			

## **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.

#### **IDDE Implementation and Procedures**

A limited number of illicit discharges have been detected by the MRWG member agencies. Due to the advantageous site conditions found throughout the watershed, where properties have onsite retention or detention facilities and dry wells, IDDE is more 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 cleanups, and recorded the training of inspectors and responders, see Table 3-10. In addition, member agencies such as the County of San Bernardino have 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 the purpose of IDDE.

Table 3-10 Illicit Discharges Detection and Elimination Related Trainings		
Permittee	Personnel-Trained	
Town of Apple Valley	8	
City of Hesperia <sup>1</sup>	22	
City of Victorville	2	
County of San Bernardino	172	

<sup>&</sup>lt;sup>1</sup> The City of Hesperia personnel also attend tailgate meetings every two weeks to discuss various issues when working with the sanitary sewer system.

Although a moderate number of illicit discharge complaints were received, it is understood that the MRWG effectively raised public awareness about illicit discharges and illegal dumping. 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 469 tons of household hazardous waste was collected at these locations during Fiscal Year 2011-12. 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	Quantity of Material Collected	
Location	(Tons)	
Town of Apple Valley	123	
City of Hesperia	84	
City of Victorville	114	
Unincorporated County of San Bernardino	148	
Total	469	

#### **IDDE Legal Authority**

Program effectiveness Outcome Level 1 was achieved for this measureable 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 does not propose any program modifications at this time.

#### 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 SWMP includes the development and implementation of program elements to:

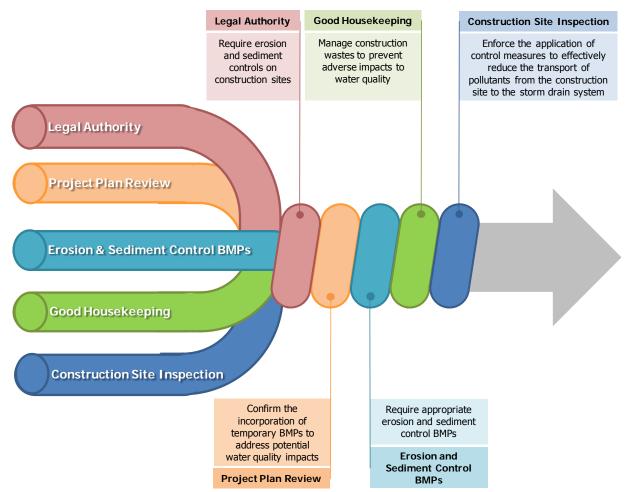


Figure 3-4 MRWG Construction Site Stormwater Runoff Control Program

# 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**

In Fiscal Year 2011-12, Permittees issued 35 Notices of Correction on construction projects. 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.

Member agencies utilized an Area-Wide Enforcement Response Guidance manual to assist in taking enforcement actions for stormwater quality deficiencies and violations. This manual has not been formally adopted by the MRWG agencies 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 Construction Projects > 1 Acre		Construction Projects < 1 Acre	
Town of Apple Valley	9	9	0
City of Hesperia	10	3	7
City of Victorville	8	6	2
County of San Bernardino	7	0	7

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	4
City of Hesperia	182
City of Victorville	8
County of San Bernardino <sup>1</sup>	1

One inspection was necessary within the Permit boundary. However, six inspections and five follow-up inspections were performed outside the permit boundary in the Unincorporated County areas that fall within the Lahontan Regional Water Quality Control Board jurisdiction

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.

Table 3-14 Construction Site Stormwater Runoff Control Training		
Permittee	Municipal Staff Trained	
Town of Apple Valley	8	
City of Hesperia	6	
City of Victorville	0	
County of San Bernardino	45	

#### **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	<b>Enforcement Actions</b>	
Town of Apple Valley	0	0	
City of Hesperia	31	0	
City of Victorville	4	4	
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 and construction sites inspected, and maintained records of training sessions attended by municipal staff. These training sessions have raised the awareness and understanding of impacts associated with construction site activities on the receiving water body and routine inspections have also served to reinforce the level of awareness necessary to install and maintain appropriate BMPs at construction sites. 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 previously documented adequate enforcement policies and mechanisms to issue Notices of Correction and Enforcement Actions to influence a change in behavior at deficient construction sites. By recording the number of Notices of Correction and Enforcement Actions taken over the last Fiscal Year, Permittees have effectively documented their activities to achieve Level 1 status. 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 does not propose any program modifications at this time.

## 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, Municipal Separate Storm Sewer System training, Construction Site Inspection Requirements training, CPESC review course and exam, Erosion and Sediment Control BMP training, 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	16		
City of Hesperia	Unknown <sup>1</sup>		
City of Victorville	10		
County of San Bernardino	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.

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

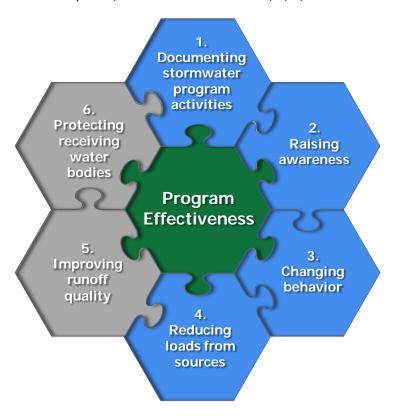
Table 3-17 Number of Personnel Trained on Post-Construction BMP Implementation				
Permittee/Private Industry	Personnel Trained			
Town of Apple Valley	0			
City of Hesperia	6			
City of Victorville	0			
County of San Bernardino	7			

#### **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. 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 storm drain system.

#### **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.

#### 3.5.4 Proposed Program Modifications

The MRWG does not propose any program modifications at this time. If the Draft Phase II Small MS4 General Permit is adopted during Fiscal Year 2012-13, the MRWG will evaluate its existing program and identify necessary revisions in accordance with the new permit.

## 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 improvement projects, street sweeping, storm drain cleaning, corporation yard operation, etc.) through the development and implementation of good housekeeping, BMPs, and activity 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 operations personnel on pollution prevention techniques and good housekeeping practices, implementing post-construction BMPs at municipal facilities to reduce the discharge of pollutants to the MEP, and incorporating pollution prevention practices into daily work routines.

#### **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 used met the requirements of the permit and provided municipal staff with adequate training 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:

- > 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
- Sewer system overflow response
- > Outdoor storage of materials and waste
- > Vehicle and equipment maintenance
- Vehicle and equipment washing
- > Street maintenance
- Landscaping

#### **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.

#### 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 2011-12.

Table 3-18 Number of Staff Trained for Municipal Operations				
Permittee	Number of Staff Trained			
Town of Apple Valley	0			
City of Hesperia <sup>1</sup>	74			
City of Victorville	7			
County of San Bernardino	172			

<sup>&</sup>lt;sup>1</sup> The City of Hesperia personnel also attend tailgate meetings every two weeks to discuss various issues 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 2011-12, 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 provides for the documentation of activities performed by the MRWG member agencies and ensures that municipal operations staff is trained and aware to implement good housekeeping practices and perform the proper operation and maintenance of source control and post-construction BMPs to prevent and minimize pollution. 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 does not propose any program modifications at this time.

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

Since the Phase II Small MS4 General Permit has not been renewed, the MRWG member agencies have not established any new measureable goals. Member agencies will continue to implement their 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**

Signature of Permittee (legally responsible representative)	Date Signed
Brad Miller, P.E.	Town Engineer
Name (Please print)	Title
City of Hesperia	
Signature of Permittee (legally responsible representative)	Date Signed
Signature of Fermittee (legally responsible representative)	Date Signed
John Leveilee, P.E.	City Engineer
Name (Please print)	Title
City of Victorville	
Signature of Permittee (legally responsible representative)	Date Signed
John A. McGlade, P.E.	City Engineer
Name (Please print)	Title
County of San Bernardino	
Signature of Permittee (legally responsible representative)	Date Signed
	S: .
Gerry Newcombe	Director
Name (Please print)	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: Mike Smith

Contact Phone No.: (310) 809-8182

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: Hiram Houck Contact Phone No.: (760) 243-6351

#### **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** 

MOJAVE RIVER WATERSHED GROUP

## JOIN US!

ANNUAL PUBLIC STORMWATER WORKSHOP

#### 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:

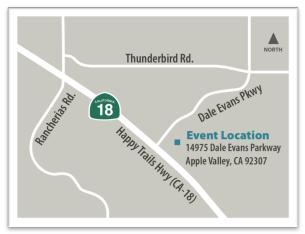
Interested in our High Desert environment? Join us for a public information meeting to learn about the efforts made by local municipalities to prevent stormwater pollution in the Mojave River, the High Desert's local water resource. Following a brief presentation on the 2010-2011 achievements, County, City and Town representatives will be on hand for a Q&A session and to speak individually with attendees.

#### WHEN:

Thursday, November 17, 2011 from 6 p.m. to 8 p.m.

#### **MEETING LOCATION:**

Town of Apple Valley Development Services Building Conference Center 14975 Dale Evans Parkway Apple Valley, CA 92307



#### **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 MojaveWatershed @MojaveRiver

**FACEBOOK** 

**TWITTER** 

**PHONE** 909.886.8188

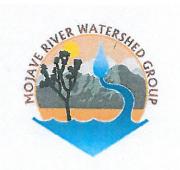
## **Mojave River Watershed Group**

## Annual Stormwater Public Workshop, November 17, 2011 Sign-In Sheet



Name	Organization	Address	Phone	Email
Judie Wiles	Companies	Apple Valley,	760	judices wiles @ Merrell johnson
NANCY Dansoner		38SM. Anowherd Ave., SB	901-387-1866	Nancy SANSONETTIEDPW. SECOUNTY. GOV
MILE SHITH	APPLE VALLEY	149 75 DAE OVANS PRMY	310-209-8182	MILESMITHER CAA PROFESSIONALS, COM
Tina Souza	City of Hesperia	9700 Seventh Ave.	760-947-1474	tesuza acityofhesperia, US
	County of Sun Berard	10 875 E. THIRD ST J. B.	909.387-8132-	evarpa edpw. shoounty. pov
James Comming HECEN WILSON	Mervell Johnson Companies	2221 Hay 18 Apple Valley	909.387-8132- 760 240 8000	evarpa e dpw. Shcounty. pov james. comming emerrelljohnson.
HECEN WILSON	City of Victorville	14343 CIVIC Dr VV	760 955-5158	hwilson@ci.victorville.cs.
		8644 SUL BOX	760269-5150	
Bryce Johnston JON PETITJEAN	JP GEOGRAPHICS	P.O. BOX 290801 PHECAN 92329	951-203-5569	j PS eographics@msm.com
BRAD MILLER	TOAV		760 -240 -7000	bmiller Gapplevalley.org
LINDA Mausi	9 -	WRIGHTWOOD, CA		

## Mojave River Watershed Group Annual Stormwater Public Workshop, November 17, 2011 Sign-In Sheet



Name	Organization	Address	Phone	Email
CHRISTY HUM	36			alhunte 30 mind sprigie
Janzimmannau			760/241-7326	5-zimmerman@waterboards.ca.gov
Tom Thanton	Adelanto	11600 AIR Expressioning	760 246-2300	tthornton a cindelento aus.
GARRY MELLIS	-(			
MARIZ BAKER	Contech	Yu calp A	909-797-1367	bakerme contech-cpi.co
FELIPE VAZQUEZ	CWE	2100 E. HOWELL ANDIVE,		frazquez@ wecorp. com

## **Mojave River Watershed Group**

## Annual Stormwater Public Workshop, November 17, 2011 Sign-In Sheet



Name	Organization	Address	Phone	Email
DAVID MERESS	CALTRANI	SBD	951-232-8549	davemoras e dot.ca.gov
Catherineme	ress Eduards	Person Hells	760 2186100	colmeress@yahoo.com

### **APPENDIX B**

**Meeting Sign-In Sheets** 



#### SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT ZONE 4 ADVISORY COMMITTEE SEMI-ANNUAL MEETING RECORD OF ATTENDANCE



Date: October 20, 2011 - City of Victorville - Conference Rm. D

COMMITTEE MEMBERS:	Initials	MAYORS/Alternates:	Initials	CITY ENGINEERS:	Initials
Jon Sabo		City of Adelanto Mayor Cari Thomas		City of Adelanto Wilson So	
Kimberly Cox		Town of Apple Valley Scott Nassif	5N	Town of Apple Valley Brad Miller	R
Bill Jensen		City of Barstow Joe Gomez	•	City of Barstow Nick Nichols	
5		City of Hesperia Bill Holland	WA	City of Hesperia John Leveillee	R
		City of Victorville Ryan McEachron		City of Victorville Sean McGlade	
F.C.D. STAFF:	Initials	BOARD OF SUPERVISORS	Initials	OTHERS: Name / Organization	Initials
Kevin Blakeslee		Brad Mitzelfelt First District Supervisor		City of Hesperia Scott Priester	
Melissa Walker	1/W	Robert Eland First District Representative		City of Hesperia Mike Podegracz	
Erwin Fogerson	FRE	Neil Derry Third District Supervisor		City of Victorville  Joe Flores Down MATHEWS	Pa
Harold Zamora	42			Town of Apple Valley Richard Pedersen	
Mervat Mikhail	MM			Rick Piercy Gordon Soholt	AP-
Jon Smith				CITY OF BOUSTOW	MAR
John Schatz	55			DOMINGO D. CHONZULES PRESKENT D. BRACKIN	33.
Rhonda Neill	RN			Oliver Chi City of Borstow	06
Barbara Sheppard	B5			BRAD HERRELL CITY OF BARSTON	2/



#### SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT ZONE 4 ADVISORY COMMITTEE BUDGET HEARING MEETING RECORD OF ATTENDANCE



Date: May 10, 2012 - City of Victorville - Conference Room A

COMMITTEE MEMBERS:	Initials	MAYORS/Alternates:	Initials	CITY ENGINEERS:	Initials
Louis Chavez	Ro	City of Adelanto Mayor Cari Thomas		City of Adelanto Tom Thornton	· Iw1
Kimberly Cox		Town of Apple Valley  Barb Stanton Sign Wassir	(16)	Town of Apple Valley Brad Miller	MM
Bill Jensen	NUL	City of Barstow Tim SAFRE Joe Gomez - Tim Sac	78	City of Barstow Brad Merrell	到
Jon Sabo		City of Hesperia Russell Blewett	1.C. A	City of Hesperia John Leveillee	
Janette Hayhurs	áh	City of Victorville Ryan McEachron	Me	City of Victorville Sean McGlade	
FLOOD CONTROL DISTRICT STAFF:	Initials	BOARD OF SUPERVISORS:	Initials	OTHERS: Name / Organization	Initials
Kevin Blakeslee	KB	Brad Mitzelfelt First District Supervisor		City of Hesperia Scott Priester	
Melissa Walker	MW	Robert Eland First District Representative		City of Hesperia Mike Podegracz	
Erwin Fogerson	ERF	Neil Derry Third District Supervisor		City of Victorville Joe Flores	į
Harold Zamora	MZ			Town of Apple Valley Richard Pedersen	
Bea Valdez				Lewis Center Rick Piercy	3
Jon Smith	As			CA Dept of Forestry Mary Stock	
John Schatz	55	Chan WU		OLIVER (MI (Barstow)	Occe
Hany Peters		DWAINE LATINE TO HESDERLIN	(DE)	OLIVER (HI (Barston))  SVL CC  SIM CARR BOARDOF GOV	
Mervat Mikhail				Scott Eckert SULA	
Rhonda Neill		Dave Bracken	$\sqrt{}$	MARK ROWAN - BARSTOW	m)2
Monica Otter	WN			DOUG MARTHEWS CON	

#### **MEETING SIGN-IN SHEET**

#### TECHNICAL ADVISORY COMMITTEE

FEBRUARY 2, 2012 10:00 A.M.

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

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whether they sign, register, or complete this document.

	er, or complete the decament		EMAIL
NAME	REPRESENTING	ADDRESS	CIVIAIL
Teny Burkhart	Righard exert View		
WAYNE L SNIVELY	- NEWBERRY SPRINGS		
Sarom Graham	HOWD	Gucca Valley	
JESS Bennington	Hesperia Water	9700 7th st Hesp.	
BOB TINSLEY		19555 OSAKOSA LN AU	BRT 3684@QOL
JEFF KINNARD	AVRWC		
PERRY DA /LISVO	- GSWC		
ARL COLEMAN			
Worman Dichols	ESTE		
Jennifer Riley	City of Barotow	Barston	iriley@barstonce.org
CERCE CAROENA	PPHOSO		



TAC-2/2/2012

IAME	REPRESENTING	ADDRESS	EMAIL
Steven Ashtan	C.O.V.		
3den Cordier	City of Adelack	D .	Bronden &c: adm
Ryan ORG	work		
JE JUZGETTA	TRWD		
	Este		
Ten Wong	DUR		
Jan Zimmerman	1 7 -	÷	

#### **MEETING SIGN-IN SHEET**

#### TECHNICAL ADVISORY COMMITTEE

**OCTOBER 5, 2011** 10:00 A.M.

#### **MOJAVE WATER AGENCY BOARD ROOM** 22450 HEADQUARTERS DRIVE **APPLE VALLEY CA 92307**

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whether they sign, registe	er, or complete this accument		
NAME	REPRESENTING	ADDRESS	EMAIL
TomBilhom	Fish & Come		
Terry Buckent	BOUWA		
Marina West	l I		
PERRY DA LISKEN	. BSWC		
DON BARRIZ	PPHCSP		
MARK WILLIAMSON	4R1/B-2		
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RICHARD SELBY	ESTESAAC	POBOX 9A1, LV, CA 92356	richardegenty selby-com
CARL COLEMAN	ALTEC ENGR		
NORMAN NIZ hole	ESTE	INAS COSSRIVU 92392	
Steven Ashton	CoV		

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NAME	REPRESENTING	ADDRESS	EMAIL
Choe Bell	SST2  JUNEAUS PRINGS CA  WHENS PRINGS CA  WHENS PRINGS CA  WHES  THE SOLM PHPH  THE SOLM PHPH  THE JEWD		
WAYNE L. SMURL	1 HEWS PRINGS CA		WAYNES_PE_63
UNION SMINE	W NBS		
Ennifer Wong	Juk _		
JAI PAL KHAKA	TLGSOLM/PHPH.	Dro OAK HILLS	jaipal @fkasolar.com
JOB GYZZETTA	+ JBWD	•	

ş.

#### **MEETING SIGN-IN SHEET**

#### TECHNICAL ADVISORY COMMITTEE

DECEMBER 7, 2011 10:00 A.M.

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

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whether they sign, register, or complete this document.		
	ADDRESS EMAIL	
Parry Dallissam 6500		
Belli Corde City of Adel	anto Brorden Ociadola	Jika Us
Tany Cile- HDWD.		
NORMANNICHOZO ESTE	3	
CARL COLEMAN BRWC APPLEHUEF		
Mikr Plaziek Laboraten Wat Board		
Jan Zimmorman Lambontan Bruggs		
Conce Comers PPH CSD		
Ryan Ost WWRA		
Teng Brukhat Bound		
Solo Burkut BOVWA		

NAME	REPRESENTING	ADDRESS	EMAIL.
WAYNE L. SHIENY Chuic Bell JOE GUZZETTA	MS_		
Chuck Bell	L.V.		
TOR GUZZETTA	JBWD		

.

#### **MEETING SIGN-IN SHEET**

#### TECHNICAL ADVISORY COMMITTEE

**APRIL 5, 2012** 10:00 A.M.

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

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whether they sign, regist	er, or complete this accument.		
NAME	REPRESENTING	ADDRESS	EMAIL
Terry Burkhart	BDVWA		
John Buckhaid	- 9 asse-		
I. DENNIS STATE	y BDVWA		
Judy Corl-Lorens	BDUWA		
MARINA WEST	BOVWA		
WORMAN NUChols	ESTE		
Sarann Greham	HOND		
Rob Shull	Town		
Goal Thrusher	Se/5		
Mike Plaziak	Kahontan Water Board		
JOYD LEVELLE	HESTERIA		

REPRESENTING	ADDRESS	EMAIL
yvwfA.		
uvwest		
L. U.		
FSTE		
MARIANA BANCHS CND		
JBWD		
~ 65WC		
	YVWPAL VVWPAL L. U. ESTE	vvwpd L. U.

#### **MEETING SIGN-IN SHEET**

#### TECHNICAL ADVISORY COMMITTEE

JUNE 7, 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
TerriBuckhart	BDUWA		
Saran Grehan	HOWD		
DENNIS STALEY	Big Horn DESECT VIEW		
MARINA WEST	Bighorn - Desert		
Clan dis Lac	Morago Basew Consu	vitor fish Jucca Vaccey	Ogman: con
Selen Codic	Belicas	en '	V
(ARL (BLEMAN	ALTEC		1110111115
WAYNE L. SHUELT	How bury Speings-1	reso-	YAHOO, COM
JOHN LOVERICE	CITY OF HESTZEIA		
Susan Greer	JBWD.		
Chuck Bell	L.V.		a de la companya de l

NAME	REPRESENTING	ADDRESS	EMAIL
LAGREN DAHLAR	ESCUC		
Mickey Luckman	SEWP C.O.V.		
Steven Ashton	C.O.V.		
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	A A A A A A A A A A A A A A A A A A A		
		·	Admin
			<u> </u>



## Mojave River Watershed Group - Sign-In Sheet Committee Meeting Meeting Date: 12/22/11 Facilitator Tina Souza Place/Room: Hesperia/Joshua Room

Name	Agency	Phone	Fax	E-Mail
Tina Souza	Hesperia	765-947-1474		tsouzancityothispia, u
Tina Souza MIKE SMITH	APPLE VALLE	¥ 310-809-8192	1	MUSSMITHE CAAPPROFICIONS
ANGERA MELUSKI	WESTBOUND COMMUNICATION	(909)384- 8188		amelusti@wastbolund Communications com
	Lahontan	760/ 241-737b		jzimmertnan@ waterboards.ca.gov
Janzimmerman Nancy Sansonetti	Contry San Bernardino	Via -	celeconteneno	
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## Mojave River Watershed Group - Sign-In Sheet

Committee Meeting Date: 1/26/12

Facilitator Nancy Sansonetti Place/Room: Hesperia/Joshua Room

Name	Agency	Phone	Fax	E-Mail
Nancy Sansonetti	SBCO	909.387.1846	date-	Nancy. Sansonerri @DAW. SBlowniy. Gov
MIKE SMITH		310-809-8182		MIKESMITH CCAPPORES. SSIONALS. COM
7 (33)	Hesperia	760-947-1474		ofhesperia, US
ANGELA MIZUSKI	MESTBULNO	(919) 384- 7NS 8188		ameluski @, westbound communications of
ANGELA MELUSKI MARC RODABAUGH	56 Co	909-387-	-	marc. rodabaug
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			<i>y</i>	

MRWCg Committee Meeting-Sign In 2-23-12 2:30pm. Tina Souza OS Town or APPer Varion MIKE SMITH ANGELA MELLISKI WB WESTBOUND COMMUNICATIONS MARC RODABAUGIN MR COUNTY OF SAN BERNARDINO



Mojave River Watershed Group - Sign-In Sheet				
Committee Meeting Date: 03/22/12				
Facilitator Tina Souza	Place/Room:	Hesperia/Joshua Room		

Name	Agency	Phone	Fax	E-Mail
Variety ausmeth	SBCo	(909)387- 1866		Nancy. Sansonettie DAN.SBlounty.Gov
Vino Sausa	SBCO	760 - 947 - 1474		tsouza a city of hosparla. US
ANGELA MELISKI	WESTBOUND COMMUNICATION	(909) 384- V 8188	-	ameruski @ westour Communications. Com
Stephen Sarcio	VICTOR VALLEY College			STEVE, GARKE @ VVC.CDU
All Deg	Victor Elementary School District	760-245-169/		detter@vesd.net
CARLUS SEANEZ	COV	160 243 6352	,	CSEAREZ (C). VICTORIANDO.
MIKE SMITH	APPLEVALLOY			MINSEMITHE CAR REOFFESSIONALS, COM
Jan Zimmerman	LRWACE	-MA tE	LECONFERE	Chriso Woodniff
Chris Woods ff	OPW Fort	760 360 4987		QUS. WOOdsoff



# Mojave River Watershed Group - Sign-In Sheet Committee Meeting Meeting Date: 04/26/12 Facilitator Tina Souza Place/Room: Hesperia/Joshua Room

Name	Agency	Phone	Fax	E-Mail
MARE RODABAUGH	SB COUNTY	909-387-8112		
Tina Sovza	Hesperia	760-947-1474		
EDUARD VARGA	S.B. County	909-387-8132	2	
DEL CAZLILE	City of Victoral	760 -	7	
1-TELEN WILSON	City of Victorul	760 k 955-5158		
MIKE SMITH	APPLE VALLEY	310 809-8182		
TOM THORNTON	ADELANTO	(160) 246-2300		
ANGELA MELUSKI	WESTBOUND	(909) 384- 8188		
			1998 - 1 - 1998 - 1 - 1998 - 1 - 1998 - 1991 - 1	



### **Mojave River Watershed Group - Sign-In Sheet**

**Committee Meeting** 

**Meeting Date:** 

07/28/11

**Facilitator** 

Tina Souza/Nancy Sansonetti

Place/Room:

Hesperia/Joshua

Room

Name	Agency	Phone	Fax	E-Mail
MICE SMITH	APREVALLY	30-257-2010	76	MIKESHITHECHA PENFESSIONALS
INGELA MELUSKI	DOMMUNI BYJON		1714) (de3-8181	ameluski@westburg
Tina Souza	Hesperia	760-947-	2515	tsouza Detyof hisparia, us
HELEN WILSON	Victoruille	760 955-5158	760 955-5159	hunison@ci. victor
Janzmenman	RWQCB	760 241-7376		Jzimmermana waterbards.ca.gov
Jancy ansmitte	5BCO	909-387-		Nancy, sansonetti C DPW. SBCOUNTY, GOV



## **Mojave River Watershed Group - Sign-In Sheet**

Committee Meeting Meeting Date: 08/25/11

Facilitator Nancy Sansonetti Place/Room: Hesperia/Joshua Room

Name	Agency	Phone	Fax	E-Mail
Naucy awarmets	SBCO	909:387:1846	_	NAMCY, SANSONDITI EDPW-58 COUNTY, GOL
angela Deluski	4 Indoorgal	in (909)884-81		ameluski @ westbound communications
Must the	APRE VALLEY			MINTSMITTE COAPENSON
Helen Wilso	CAY of Victorulle	76° 955-5158	760 955-5159	hwilson@cr. Victorulle, ca.us
Jasa Peraina	CWE	714 385-2600 ×21		Jerein@cwecop.c
Tomthornton	Hesperia	760 947-1014		thanton utythesperia.vs
Tina Sava	Hesperia	763-947-1474		+souze actiphosperica
	5			



# Mojave River Watershed Group - Sign-In Sheet Committee Meeting Meeting Date: 09/22/11 Facilitator Tom Thornton Place/Room: Hesperia/Joshua Room

Name	Agency	Phone	Fax	E-Mail
TOM THORNTON	HESPERIA	(760)947-1014		thorntonal cityof sespenals
CARUS SEAMOZ	CO. VICTURNUE	160-243-6352		CSEANEZ CCI. VICTURVILLE.
HELEN WILSON	Victorville	760 955-5158	760 955-5159	huilson@ ci.
MIKE SMITH	APREVALLEY	310 809-8132		MIKESMITHE CAD PROFESSION
ANGELA MELLIGLI	WESTBOUND COMMUNICATI	(404) 880-		ameluski@westboung
			, ,	



#### Mojave River Watershed Group - Sign-In Sheet

Committee Meeting Date: 10/27/11

Facilitator Nancy Sansonetti Place/Room: Hesperia/Joshua Room

Time SOUZA Hesperia 760-947-1474 tsouza a cityothosperia amoluski @ amoluski @ westbound commun Mike Smire APRIEVANZY 310-809-8182	Name	Agency	Phone	Fax	E-Mail
MIKE SMITH APREVALLEY 310-809-8182 amoluski @ Westbound commun mike smith CAA MICE SMITH APREVALLEY 310-809-8182	Mancy Sansonerri	5BCO County-	909.387-1866		Nancy Sansonerri es Bauntygo
MILE SMITH APREVALLEY 310-809-8182 amoluski@ Westbound commun Com	Time Solza	Lespersa	760-947-1474		+souza a city of hesperia. V.
COM	ANGELA MELUSICI	WESTROUNT	9(9)886-888		westbound communication
ARUS SEAMEZ C.D.V 760-243-1352 CSCAMEZ CAUNIONENTUE.CA	Mike Smith	APPLEVALLE	310-809-8182		MINS SMITHE CAD MORESONS! C
	CARLOS SEAMOZ	V-0.9	761-243-6352		CSEAMOZ () U.VIGURNUE CA. MS

#### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 08/01/11

		Signature			Signature
ADDANTE	N	9	GATES	D	
ALBERTS	J	1	GODFREY	С	Esuy -
ALLOWAY	J	& Den -	HARDIN	K	V
ARAUJO	Т	Bord -	HAYWOOD	S	
ASHBY	R	Roden -	HEARN	N.	Mean
BENNINGTON	J		HERNANDEZ	M	ans
BERAN	J	Chill have	ISKANDAR	· J	***
BLAIR	M	Walter	-KING	К	190
BOURNE	С	Bu	KUNATH	Ε	90
BOURQUE	S	Sorr	LATIMER	J	9, Kilmer
BROWN	L	for Dur	LEON	R	
BULGARELLI	S		LOPEZ	J	
BURKE	D		LUEKEN	Ŋ	6
BURNSIDE	J		MCCALL	R	(ZM°Cel-
BUSSEE	K	SHOW Y	MCDONALD	J	
CHACON	R		MCKENZIE	Τ,	att -
CLARK-SPILLA	С		MALABICKY	Μ	non Like
CONTRERAS	Н	MA V	MARGADONNA	М	
CRAWFORD	J	Vivel /	MARION	A	
DIAZ	R		MEHAFFIE	D	And S
DICKINSON	J	MIN	MILLER	D	2 W m/h-
DOBOS	G	GDW /	MOORE	М	Make Moore
DOMINGUEZ	R	Ilan Dannou	MORALES	G	MM MM
EVERETT	J	Mahla	MURDOCK	J	Jeon m (undon't
FAHERTY	М	MARCUL	NOVACK	R	12/11
	D	8) Garnos /	OBRIEN-ORTA	С	

#### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 08/01/11

		Signature			Signature
OLDFIELD	J	()/n/n//	STUMP	Т	MANY
OTERO	A		SWEENEY	М	The state of the s
OZANNE	J	16/	TOMLINSON	М	SO 1
PARKER	М	1101	TORIX	L	
ROMERO	A	The state of the s	<b>TUTHILL</b>	М	Mg
ROSS	A	A P D	VASQUEZ	Α	
ROWE	С	Mul	VELASQUEZ	J	
SANCHEZ	D	Jan	VERHEYEN	S	5.000
SANTOS	J		VILLAREAL	Ε	500//
SAUDE	S	The much	WILLIAMS	J	fer
SMITH	S	Sul 1	WULSTEIN	Α	
SOLOMON	M	Mak Sheet	YOUNG	D	
STEFFEN	Т	SMI!	ZAPPIA	М	Month V
STILTNER	L	SEE.			[**\]//
STULL	G				

### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 10/03/11

		Signature			Signature
ADDANTE 🗸	N	Makey addante	HARDIN	K	
ALBERTS	J	Xu	HAYWOOD	S	4
ALLOWAY	j	Allen	HEARN V	N	Maegin
ARAUJO /	Т	000-6	HERNANDEZ	M	MVLV
ASHBY 🗸	R	Dan	ISKANDAR	J	Ju
BENNINGTON	/ <sub>j</sub>		KING	K	100
BERAN 🗸	j .	doll the	KUNATH /	Ε	af a
BLAIR	M	W/Mpc-	LATIMER /	J	2. Leton
BOURNE /	С	Ba	LEON 🗸	~d/	2/2/2
BOURQUE 🗸	S	SLD_	LOPEZ	J	
BROWN	L		LUEKEN 🗸	Κ	
BULGARELLI 🗸	S	Attenth'	MCCALL 🖌	R (	Z.MY, U
BURKE 💉	D	machele	MCDONALD V	J	
BURNSIDE 🗸	J	Jon Burgo	MCKENZIE 🏑	T.	CH-
BUSSEE 🗸	Κ.	2003	MALABICKY 🗸	M	mmilling
CHACON	R ,		MARGADONNA	`Z	22.27
CONTRERAS 🗸	Н		MARION 🥒	Α	Im ander Har
CRAWFORD	J		MEHAFFIE 🗸	D	Gr 3
DIAZ	R	m	MILLER 🗸	D	DI MM
DICKINSON	J		MOORE	Μ	y ke more
DOBOS	Ġ	God	MORALES	G	M
DOMINGUEZ	R	R. Doninguez	MURDOCK 🕍	J	Mindout
EVERETT 1	J	My of	NOVACK p	R	TZM
FAHERTY /	M	MPaus	OBRIEN-ORTA ✓	C	Colligna
GARRISON /	D	Jariso	OLDFIELD ,	J	C//Mills
GATES	D		OTERO /	A	allet Oli
GODFREY /	С	Burnet	OZANNE (/	J	20
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### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 10/03/11

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PARKER 🗸	М		STUMP /	Т	Sally 1
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ROSS	1		TOMLINSON /	M	Not
ROWE	С	1	TORIX	٦	
SANCHEZ /	D	Janks )	TUTHILL /	М	MATT
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#### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet

Date: 11/07/11

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ADDANTE /	N	Namy adanto	HARDIN	K		
ALBERTS /	J	86	HAYWOOD	S		
ALLOWAY	j	J Dul	HEARN	N		
ARAUJO ✓	Т	gal-5	HERNANDEZ	M		`
ASHBY./	R	Dudmar	ISKANDAR	J	12	`~.
BENNINGTON	J		KING /	K	7	
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BURNSIDE	J	Jon Burt	MCKENZIE	Т		
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CHACON	R		MARGADONNA	M)	Mary -	
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CRAWFORD√	J	Duby	MEHAFFIE 🗸	D.	shit	X
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DICKINSON	j	my	MOORE /	M	Mike Moore	1/20/
DOBOS /	G	app.	MORALES	G	m	-\
DOMINGUEZ 🗸	R	Rand Channess	MURDOCK	J	C)mmdoret /	
EVERETT	J	Joh M	NOVACK /	R	24	
FAHERTY/	М	WESTA	OBRIEN-ORTA	С		/
GARRISON	D		OLDFIELD /	J	4/1/1/1/1/	
GATES	D		OTERO /	Α	( Oten	
GODFREY√	С	Cray	OZANNE 🗸	J	10/	•

#### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 11/07/11



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PARKER/	М	2/12/2	STUMP	Т	11/1/1/
ROMERO /	Α	120000	&WEENEY/	М	Delle
ROSS /	1	X	TOMLINSON/	М	m
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SANTOS	J	Matter	VELASQUEZ	J	Λ.
SAUDE/	S	DON Jayle	VERHEYEN/	S	FVAL
SMITH/	S	Enogy !	VILLAREAL./	Ε	
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#### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 12/05/11

		Signature			Signature
ADDANTE	N	Narry adelasto	HARDIN	К	
ALBERTS	J		HAYWOOD	S	
ALLOWAY	J	A Muns	HEARN	N	M. Hear
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BENNINGTON	J	(IA)	KING	·K.	
BERAN	J	July -	KUNATH	Ε	
BLAIR	М	Mrs-	LATIMER	J	21/1/20
BOURNE	c	JB	LEON	R	La Francisco
BOURQUE	s		LOPEZ	J	
BROWN	L		LUEKEN	К	
BULGARELLI	s	Top Ruly	MCCALL	R	
BURKE	D	RQCB9-	MCDONALD	J	
BURNSIDE	ر	On Bin ng-	MCKENZIE	T	2-10-
BUSSEE	K		MALABICKY	M	moralway
CHACON	R		MARGADONNA	M	2022
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FAHERTY	М	Milk Dlate	OBRIEN-ORTA	С	
GARRISON	D		OLDFIELD	j	
GATES	D		OTERO	Α	ally OF
GODFREY	С	Elorgy	OZANNE	j	allan

#### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 12/05/11

		Signature			Signature
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ROWE	С	let thouse	TORIX	L	
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SANTOS	J	Je S	VELASQUEZ	1	
SAUDE	S	J	VERHEYEN	S	SUAR
SMITH	S	Cara S	VILLAREAL	E	20-4
SOLOMON	М		WILLIAMS	J	I della
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STULL	G	M M	ZAPPIA	М	
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### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 1/09/12

		Signature		V	Signature
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ALBERTS	J	Val-	HAYWOOD	S	
ALLOWAY	J	a Allerus	HEARN ~	N	Micale RAlean
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BURKE /	D	QQ.BO	MCDONALD 📈	j	
BURNSIDE	J		MCKENZIE /	T	Citton-
BUSSEE	K		MALABICKY /	Μ	My Malibakes
CHACON	R		MARGADONNA -	Æ	27.77
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### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 1/09/12

		Signature			Signature
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ROMERO /	A	P. S. O	SWEENEY -	M	Jest Jest
ROSS	<u>J</u> _		TOMLINSON	_M	A H
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#### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 2/06/12

		Signature			Signature
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ALBERTS	J		HAYWOOD	s	10
ALLOWAY /	j	9 Alen	HEARN /	N	Hear
ARAUJO 🗸	T	anduro	HERNANDEZ	۲M	Sal V
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BENNINGTON	j	00	KING /	Ķ	
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BOURNE /	C	Ben	LEON /	R	Althour /
BOURQUE /	S	8h. f.	LOPEZ	J	
BROWN /	L	La Par	LUEKEN	K	R
BULGARELLI	s ·	A TWO	MCCALL 🗸	R	QMCQD
BURKE	D	Q030	MCDONALD 🗸	J	
BURNSIDE	J		MCKENZIE V	T	AH / -
BUSSEE	K		malabicky $Z$	M	mm. Inh
CHACON	R		MARGADONNA,	<sup>7</sup> M	Maria
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GARRISON J	D	DUCE	OLDFIELD	J	
GATES	D		OTERO 🗸	Α	allet Of
GODFREY	С		OZANNE J	J	1110

### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 2/06/12

		Signature			Signature
PARKER /	М	2/10/2	STUMP 🗸	Τ.	ANUMA
ROMERO /	Α	Paris de la	SWEENEY	M	Teller
ROSS	1	100	TOMLINSON	М	MA
ROWE	С		TORIX	L'	7
SANCHEZ	D		TUTHILL	M	11/1000
		. 11	Udy	L	A V
SANTOS /	J	Market	VELASQUEZ	J	
SAUDE /	S	Sat Saule	VERHEYEN	S	
SMITH	S		VILLÄREAL 🧷	Ec	THE ST
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### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 3/05/12

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	J	201	HAYWOOD	S	
ALLOWAY	J	J. Shim	HEARN	N	Mea
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BENNINGTON	J		KING	K	2
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BROWN	L	8,3.	LUEKEN	K/	100 00
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BURKE	D	12050	MCDONALD	J	
BURNSIDE	J	Dr. Buncer	MCKENZIE	Ť	
BUSSEE	K	6	MALABICKY	М	M Mallipy
CHACON	R		MARGADONNA	M	07.72
CONTRERAS	H		MARION	Α	Janaule Me
CRAWFORD	J	Newberl	MEHAFFIE	D	
DIAZ	R		MILLER	D	2 Jamm
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EVERETT	J	Market State of the State of th	NOVACK	R	RM
FAHERTY	М	Matala	OBRIEN-ORTA	С	
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GATES	D		OTERO	Α	alled the
GODFREY	c	Souhn	OZANNE	J	10

### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 3/05/12



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ROMERO	Α	James de	TOMLINSON	M	11) [
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### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 4/02/12



		Signature			Signature
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ALBERTS	J	John Many	HAYWOOD	S	. / 0
ALLOWAY	j		HEARN	N	Nicalik Her
ARAUJO	Т	Dead	HERNANDEZ	M	MINISA
ASHBY	R	Redan	ISKANDAR	J	
BENNINGTON	J		KING	K	
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BOURNE	С	Mu	LEON	R	
BOURQUE	S	They	LOPEZ	J	
BROWN	L	120 3m	LUEKEN	Κ	
BULGARELLI	S	ANT Farth	MCCALL	R	Q. MECall
BURKE	D	062	MCDONALD	J	
BURNSIDE	J	Jon But	MCKENZIE	T	GA-V
BUSSEE	К	<b>X</b>	MALABICKY	M	M. Malalinay
CHACON	R		MARGADONNA	M	M.M2
CONTRERAS	Н	de the	MARION	Α	Unicense 80
CRAWFORD	J.	Crupal	MEHAFFIE	D	and I
DIAZ	R	Mar	MILLER	D	La M
DICKINSON	J	for the	MOORE	M	Nike More
DOBOS	G	100	MORALES	G	m
DOMINGUEZ	R	Thought Rammer	MURDOCK	10	Jummdonia.
EVERETT	J	John 10	NOVACK	R	RIX
FAHERTY	М	MISSERT	OBRIEN-ORTA	С	Collina
FALLS	T/	Jun Alli			
GARRISON	D		OLDFIELD	J	
GATES	D				
GODFREY	С	8 Doeps	OZANNE	J	1 an



#### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 4/02/12

	Signature			Signature
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С	\	TUTHILL	М	MANA
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### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 5/07/12

		Signature			Signature
ALBERTS /	Ţ	V albert	HAYWOOD	S	
ALLOWAY.	J	A Sliny	HEARN 🗸	N	n. Hen
ARAUJO ✓	Τ	2000	HERNANDEZ	М	
ASHBY₁✓	R	Raden	ISKANDAR	J	
BENNINGTON,	~ J	A.	KING√	K	2
BERAN 🗸	JC	Up pr	KUNATH./	E	
BLAIR	M.	Males -	LATIMER	· J	girletyny O
BOURNE./	С	CR	LEON 🗸	R	Slaty
BOURQUE /	S	A Leave	LOPEZ 🗸	$\subseteq$	
BROWN /	L	Jan John S	MCCALL /	R	DME (II)
BULGARELLI	S	AN FOR	MCDONALD 🗸	J	
BURKE 🗸	D	G030	MCKENZIE/	Т	Alle
BURNSIDE 🗸	J	In Bunta	MALABICKY	M	
BUSSEE	K		MARGADONNA/	M	M. W.
CHACON	R	(10)	MARION	Α	
CONTRERAS.	Н	MAL	MEHAFFIE 🗸	D	But
CRAWFORD✓	J	Crafel	MILILLO 🗸	N	MAG
DICKINSON	J		MILLER 🗸	D	Das Mh
DOBOS	G	1	MOORE./	M	Mikemoore
DOMINGUEZ	R	19. Noninga	MORALES	G	
EVERETT 🗸	J	NA GAR	MURDOCK√	JC	JU Mudon W
FAHERTY 🗸	M	Weshets	NOVACK /	R	13/17
FALLS /	Τ -	The sales will	OBRIEN-ORTA	С	Colle CB CAA
GARRISON ✓	D	P. Qui	OLDFIELD.	j	( SAMPINE
GATES	D	No.	OZANNE /	J	All
GAUNDER 🗸		Joh Ish	PARKER /	М	
GODGREY /	С	Palloutry	ROMERO	Α	
HARDIN /	K	Lill Han.	ROSS	j	
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### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 5/07/12

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SANCHEZ/	D	1 /a-la	UDY	L	
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SAUDE	S	July Janl	VERHEYEN,	S	SUXX
SMITH /	S	4	VILLAREAL	E	
STILTNER	L		WESTERLINK	R	
STULL /	G	Mathle	WILLIAMS /	J	A Replan
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TOMLINSON /	М	MA	ZAPPIA	М	0
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### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 6/04/12

		Signature			Signature
ALBERTS	J		HAYWOOD	S	
ALLOWAY /	J	Alem)	HEARN 🗸	N	N. Lean
ARAUJO 🗸	Т	and 5	HERNANDEZ	M	Man
ASHBY /	R	Rodon	ISKANDAR /	J	
BENNINGTON/	J		KING	K	
BERAN /	J	and the	KUNATH	Æ	Ex.
BLAIR /	M	MP	LATIMER	· J	2. Ranny
BOURNE /	С	Ben	LEON	R	
BOURQUE /	S	Mr	LOPEZ		
BROWN	Ľ		MCCALL /	R	18 Megel
BULGARELLI /	S	-AT FAMM	MCDONALD /	J	
BURKE /	D	G030	MCKENZIE /	Т	VZH
BURNSIDE /	J	You Bungs	MALABICKY /	Μ	my blike
BUSSEE	K		MARGADONNA	M	MM
CHACON	R	(/_	MARION	Α	
CONTRERAS	Н	Male and the second	MEHAFFIE	D	
CRAWFORD /	J、	Mayer	MILILLO	N	MMJÆ
DICKINSON	J		MILLER	D	Din
DOBOS /	G	G/de-	MOORE /	М	Mike Moore
DOMINGUEZ /	Ŕ	Aland Domingus	MORALES	G	1
EVERETT /	J	Mat	MURDOCK	J	Tw Mydonie
FAHERTY /	М	Will	NOVACK /	R	121/
FALLS	Т		OBRIEN-ORTA	С	Cula us unt
GARRISON	D		OLDFIELD /	J	4///mill
GATES	D	_	OZANNE /	J	Aff On
GAUNDER /	J	Joh Anh	PARKER /	М	
GODGREY	С	/	ROMERO /	A	Fineshol
HARDIN /	К	Kell Jam.	ROSS	J	

### City of Hesperia Public Works Division Safety Meeting Sign-In Sheet Date: 6/04/12

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S		VERHEYEN /	S	S. UANA
S	Sur	VILLAREAL /	E	520-2
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G		WILLIAMS	J	
Т	14/1/1/1/	WULSTEIN /	Α	a DINY
M	Medly	YOUNG	D	D. James
M	Market	ZAPPIA	M	
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		3000		
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#### **APPENDIX C**

**Training Certificates and Sign-In Sheets** 

#### SIGN-IN SHEET

#### MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION ₹ Q 0 12-

OCATION: East Valley Xarat	10B# SAA-TRA-H14490 RFZ-097-FL0110 Activity: N215
NSTRUCTOR(S): Ed Vorice / Par	1 Reservice

NAME	POSITION	TRANSPORTATION/FLOOD	SIGNATURE
Alex Estrada	EOI	Yord 5 trans	aht, Estud
Philippes Palles	EOI	Yards trans	Al liss I I
Robert Colonk	Foa	Yould Tax	Falets & Class
Paul Trox	EOI	Trans	ROOX
Truben Alderete	EO III.	Trans	July alguer
RUSS D'LBECK	EOIL	Trans	A. will Mill
Mike CLUZ	E01	THANS	M. b. 1
BOB VASQUEZ	MCSIT	TRANS	X 16 W
ah Jem	EOLE	Trans	1 st. Sercer
Darvice Perry	EUTIL	Trans	Damfon
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John Wierenga	EOI	DPW yd5	John Wiegenga
Lodney Leimonn	MCSIT	Trans	JAMH!
Theis Valdivia	MCWIT	DPW.TBANS	
John Latsko	fws.	DPW.TRANS	Then Juston
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County Stormuster Program\Training\Training\Training			

#### SIGN-IN SHEET MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION STORM WATER QUIZ 108# SAA-TRA-H14490 RFZ-097-FL0110 Acti Activity: N215 INSTRUCTOR(S): Educad Raul Ansenio NAME POSITION TRANSPORTATION/FLOOD SIGNATURE FO I ROAD DEPT/TRANS E. C SARCHE EGWAKI WEX 1A60 ROSALES EOT DEPT/TRANS EOII Carcia WRIE T 后门 lagana EO 11 TRANS MARTINI EOI EOTT EOIL John son DAVID BANNER EOI

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#### SIGN-IN SHEET

### MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION QU'2\_

Activity: N215

LOCATION: CRESTLINE YARD

IOB#: SAA-TRA-H14490 RFZ-097-FL0110

DATE: 4/17/12

INSTRUCTOR(S): DEXTER PARKER & KENNETH LE

NAME	POSITION	TRANSPORTATION/FLOOD	SIGNATURE
RUSSEll Kath DAVIS	EGIL	DPW	SIGNATURE STORY
RYAN Ethridge	Maint, Worker 2	Trans.	BC C
DAN DOWELL	MAINTENANCE WOLLLEGZ		
Ron Chalfant	EOIL	DPW	
MATT DURAN	EOIL	TRANS	
Breat Johns	SupI	DP4)	Bell
JESS SALDANA	Puos	DPW	Jam plla
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Yourt St.			

#### SIGN-IN SHEET MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION, and LOCATION: BUR JA 108 #: SAA-TRA-H14490 RFZ-097-FLD110 Activity N215 INSTRUCTOR(S): ENA 1 DENTER PROLER NAME POSITION TRANSPORTATION/FLOOD EXIC HOLMES EO.ZZ Trank EUI DAM Trais. **ድ**ልላና. ZANS zans H:\County Stormwater Program\Training\Training Packets

#### SIGN-IN SHEET

#### MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION

QUIZ

DATE: 4/19/12

LOCATION: BIG BEAR YARD JOB# SAA TRA H14490 RFZ-097-FL0110 Activity. N215
INSTRUCTOR(S): DEXTER PARKER & KENNETH LE

NAME	POSITION	TRANSPORTATION/FLOOD	SIGNATURE
Down Laling	EOTT	D. P.W	Daw Kala
Kus thean	E0-II	D.P.W	Reiso Hara
Degen Scyles	SupI	DPW	Day Sala
pichael Kodrige	E.Q.I	D.P. W	Dichago Woodsice
Much TARK	EQTI	NPW	Time to Die
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			C. Carlotte
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MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION							
1 A lost the floor							
NAME	POSITION	TRANSPORTATION/FLOOD	SIGNATURE				
Joseph Bonexpels	M+C Supervisor II	DAW-TRAMS	Tasea putato				
Shane borman	tquip oper 1	~ ~ ~	15/0				
HOWARD WBOWERS	EOTIL	100	Make				
James Surritt	FO1	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Comes domina				
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Thy DEREZ	h.c.WI	11 11					
Crave Sherman	PWOS	DPW OBS					
9		90	Cay Man				
		. '					

#### SIGN-IN SHEET MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION & QUIZ JOB#: SAA-TRA-H14490 RFZ-097-FL0110 Activity: N215 Varra & Dexter Parker NAME POSITION TRANSPORTATION/FLOOD SIGNATURE WORKER-IT MewI FLOOD EOII ECIL Trans

## SIGN-IN SHEET MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION Quiz DATE: 4-25-12 JOB#: SAA-TRA-H14490 RFZ-097-FL0110 Activity: N215 **POSITION** TRANSPORTATION/FLOOD

#### SIGN-IN SHEET

#### MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION

LOCATION: TOS

JOB#: SAA-TRA-H14490 RFZ-097-FL0110 Activity. N215

DATE: 05/03/12INSTRUCTOR(S): Varga E/Severo, Elias

NAME	POSITION	TRANSPORTATION/FLOOD	SIGNATURE
DAUIC GIRder 15	MC I		De Shels
JEW V PORS	net		DAGE KX
DON STERN	MCWII	TOS	The Ac
Michael Conzales	MCWIT	Tos	Mal 9 wrate
JOSEPH BAIRD	MCWIT	201	Lac Sur
MARK MORAN	MCW Z	705 (	The Talle
Marco Shehab	FO &	105	
Konnie Rodriguez	mot	705	Rossia R
MARTYN RMORAUES	MCH	7.O.S.	Muly Rayous
Maniel Montice	MCT	105	Mouldatus
GARY GALEN	1767	70-5	Day St
JAIME OCEGUEDA	MC II	T.o. 5	Jaine Oregredo
David Ramirez	SUPUIT	TOS	Wind Kan
STEVE HALL	SUPIT	TOS	Statur
GRANT ATTAWAY	MCWIL	ToS	Malton
STEVE VALLEZ	MCWIT	Tos	Steve Valles
Steve Willer	PW05	TOS	Seul. miles
ERICD. HOLLEY	E.O. III	TOS	Eric D. Holley
David Quiroz	Aud II	705	Dankenny
H-\County Stormwater Program\Trainia \Traini			

#### SIGN-IN SHEET MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING LOCATION: MAIN YORP DATE: 07 MAY 12 INSTRUCTOR(S): Edward Varga / Raul Brigeno NAME **POSITION** TRANSPORTATION/FLOOD SIGNATURE DUNTY WORKER けべつかり Poo Floud GREG ROBER 01 111 FLOON Flood MIOTHEL WILSON MCWIF DA POUL 00 120 111 2600 Pool CLIST WAY61+ EU TIL FLOOD ZONÉ 2 150 I Rooney MiLTON EQUIPMENT OPERATION Trans/ Fecul MCSI Mike McChelley B MCWI PUBLICULARCE Fical M.C. Sup II MZISTROM POPERTMACIAS RONNIE Chavez Pos MCWI ONY MONCOSO FLOOD -LOOD FRIAN KLOEPFER H:\County Stormwater Program\Training\Training Packets

### SIGN-IN SHEET MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION \$ LOCATION: Math YARD JOB#: SAA-TRA H14490 RFZ-097-FL0110 Activity: N215 INSTRUCTOR(S): EDUARD VARGA & RAUL BRIGENO NAME POSITION TRANSPORTATION/FLOOD STEVE ANDREWS MCSUPI DPERATION T

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### SIGN-IN SHEET MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION & Quiz-JOB#: SAA-TRA-H14490 RFZ-097-FL0110 Activity: N215 /MARC ROBABACON. INSTRUCTOR(S): EDUARD VARA NAME POSITION TRANSPORTATION/FLOOD **SIGNATURE** KANS TRANS

SIGN-IN SHEET MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION LOCATION: BARSTOW 5/2, 108# SAA TRA H14490 RFZ-097-FL0110 Activity: N215 DATE: 5-15-12 NAME POSITION TRANSPORTATION/FLOOD SIGNATURE MLTT food Trans TRANS ohnny Taylor MC-1 Trans Cessna EU I Truns/Flood EOTH Tran's MCTI Tram S ANTHOMY MONTANO EOIII TRANS/KIUDO Wex TRANS MCSup II IMANS TRANS Francisco Bricerio Sr E01 TRANS VINCENT LUSSO MC-1 TRANS EOI TRANS/FLOOD EOI

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#### SIGN-IN SHEET

### MUNICIPAL STORMWATER POLLUTION PREVENTION TRAINING POWERPOINT AND VIDEO PRESENTATION

LOCATION: Rancho Flood Yand INSTRUCTOR(S): SEVERO, ELIAS

JOB #: SAA-TRA-H14490 RFZ-097-FL0110

Activity: N215

DATE: 05/17/12

NAME	POSITION	TRANSPORTATION/FLOOD	SIGNATURE
10++ SOMMERVILLE	Equipment operates I	Flood	mast Sommo
Hank Norrega	Maistenance Constaction WKII	PSG.Flood	That I
FICHATEL NUNEZ	EQUIP. Open I	Flood	1 gth
Robert Clark	Family oper III	Flood	Robert Clik
Nath Aceves	Maintenance WK I	Flood	
ERIC VASQUEZ	MICTE	Flood	
Bruce Contini	Worke I	N	Br. Couriso
Kichand Lucero	EOT	Flood	E. Lecon
Bill SANdOVAL	E0 14	Flood	Bill Line
Mon Apply	worker I	FLOOD	Out and
JUAN ARJONA	M.C. IL	FLOOD	1 4
Anger Lemus	Mac Superison	PWOYD	1 det
			All the same of th
\County Stormwater Program\Training\Traini			

#### AM Planning and Design Training

Name/ Title	Agency	Office Address	Phone Number	Email Address
John Jaquess Community Development Director				
Community Development		27215 Baseline	909-864-6861 ext 213	
	City of Highland	Highland, CA 92346	909-862-3180 fax	jjaquess@cityofhighland.org
Jim Godfredsen		27215 Baseline	909-864-6861 ext 241	nagaesse erryonngmana.org
Project Manager	City of Highland	Highland, CA 92346	909-862-3180 fax	igofredsen@erscinc.com
Kim Stater				INDITIONAL CIRCLES CONTROLLED TO
Economic Development		27215 Baseline	909-864-6861 ext 204	
Coordinator	City of Highland	Highland, CA 92346	909-862-3180 fax	kstater@cityofhighland.org
Angela Tafolla		27215 Baseline	909-864-6861 ext 258	kstater@cityofnigniand.org
Planning Tech	City of Highland	Highland, CA 92346	909-862-3180 fax	atafolla@cityofhighland.org
Tanka Honeratt			303 002 3100 Iux	atarona@cityornigniand.org
Steve Lustre Community		514 Benito Street		1
Tanka flowercall Steve Lustre Community Development Director	City of Montclair	Montclair, CA 91763	909-625-9431	slustra@situafa
Joe Rosales NPDES		514 Benito Street	707-023-7431	slustro@cityofomontclair.org
JL Coordinator	City of Montclair	Montclair, CA 91763	909-625-9470	
Mike Hudson 4tt City		514 Benito Street	909-023-9470	slustro@cityofomontclair.org
Engineer	City of Montclair	Montelair, CA 91763	000 625 0441	
Silvia Gutierrez 5G Assistant	or interest in	514 Benito Street	909-625-9441	mhudson@cityofomontclair.org
Planner	City of Montclair	Montclair, CA 91763	000 (25 0425	A Server Server Community Control of the Control of
Mike Diaz MD City	city of Montelan		909-625-9435	sgutierrez@cityofomontclair.org
Planner	City of Montclair	514 Benito Street	000 (07 0)	
Kim Le (100 , 1)	City of Montelan	Montclair, CA 91763	909-625-9432	mdiaz@cityofomontclair.org
Assistant Planner	City of Chino	13220 Central Ave		
Ruben Valdez RU	City of Chino	Chino, CA 91710	909-591-9893	kle@cityofchino.org
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John Hildebrand		303 E. "B" Street	909-395-2418	
Associate Planner	City of Ontario	Ontario, CA 91761	909-395-2420 fax	jhildebrand@ci.ontario.ca.us
Luis Batres Senjor		303 E. "B" Street	909-395-2431	
Planner 76	City of Ontario	Ontario, CA 91761	909-395-2420 fax	lbatres@ci.ontario.ca.us
Clarence Burden		303 E. "B" Street	909-395-2432	3101101100100
Associate Planner	City of Ontario	Ontario, CA 91761	909-395-2420 fax	cburden@ci.ontario.ca.us
Dean Williams		303 E. "B" Street	909-395-2135	
Associate Engineer	City of Ontario	Ontario, CA 91761	909-395-2122 fax	dwilliams@ci.ontario.ca.us
, a k				
Mike Eskander Senior		303 E. "B" Street	909-395-2132	
Associate Civil Engineer	City of Ontario	Ontario, CA 91761	909-395-2122 fax	meskander@ci.ontario.ca.us
Jonathon Dillon	County of San Bernardino	825 E. Third Street San		
PWE II	Land Development Division	Bernardino, CA 92415	909-387-7988	idillan @dayyahaayutu
Marc Rodabaugh	County of San Bernardino	Zernaramo, err 72 113	707-307-1700	jdillon@dpw.sbcounty.gov
Stormwater Program	Environmental Management	825 E. Third Street, Room 201	-	mars rodahaugh@d
Manager	Div.	San Bernardino, CA 92415	909-387-8112	marc.rodabaugh@dpw.sbcounty.go
11/		14000 City Center Drive	707-307-0112	<u>V</u>
Tad Garrtey	City of Chino Hills	Chino Hills, CA	909-364-2722	tgarrety@chinohills.org
		14000 City Center Drive		Energy Commonatory
Nadeem Majaj	City of Chino Hills	Chino Hills, CA		

Ryan Gackstetter %	City of Chino Hills	14000 City Center Drive Chino Hills, CA	
Joe Dyer	City of Chino Hills	14000 City Center Drive Chino Hills, CA	
Betty Donavanik	City of Chino Hills	14000 City Center Drive Chino Hills, CA	

Kevin White Country of S.B.
Andrew Mellon Big Bear Latte
Nadeem Syed city 7 Rialto

#### PM Maintenance Training

Name	Agency	Office Address	Phone Number	Email Address	Group Assignment
Pino Perez Maintenance Worker II	City of Highland	27215 Baseline Highland, CA 92346	909-864-6861 ext 254 909-863-0239 fax	czamano@cityofhighland.org	A flass
Jack Avon Maintenance Worker I	City of Highland	27215 Baseline Highland, CA 92346	909-864-6861 ext 254 909-863-0239 fax	czamano@cityofhighland.org	2
Sergio Quen Maintenance Worker I	City of Highland	27215 Baseline Highland, CA 92346	909-864-6861 ext 254 909-863-0239 fax	larnegard@cityofhighland.org	
Scott Rapp Environmental Programs Inspector	City of Rancho Cuamonga	10500 Civic Center Drive Rancho Cucamonga, CA 91730	909-477-2730 ext 4064	scott.rapp@cityofrc.us	4
Mike Moore Environmental Programs Inspector	City of Rancho Cuamonga	10500 Civic Center Drive Rancho Cucamonga, CA 91730	909-477-2730 ext 4063	mike.moore@cityofrc.us	Min 5
Rusty Lawson	City of Rancho Cuamonga	915 9th Street Rancho Cucamonga, CA 91730	909-477-2730	rusty.lawson@cityofrc.us	RL 6
Phillip Ortega Street Supervisor	City of Rancho Cuamonga	10500 Civic Center Drive Rancho Cucamonga, CA 91730	909-477-2730 ext 4142	phillip.ortega@cityofrc.us	f0 7
John Ortega II Field Services Worker	City of Rialto	335 W. Rialto Ave Rialto, CA 92376	909-820-2602 909-421-7210 fax		8
Jose Balderas Field Services Worker	City of Rialto	335 W. Rialto Ave Rialto, CA 92376	909-820-2602 909-421-7210 fax		9
Donny Hatcher Sr. Field Services Worker	City of Rialto	335 W. Rialto Ave Rialto, CA 92376	909-820-2602 909-421-7210 fax		ACH 10
Charles Masel Equipment Mechanic	City of Rialto	335 W. Rialto Ave Rialto, CA 92376	909-820-2605 909-421-7210 fax		CM 1
Erik Zirbel Street Maintenance Worker	City of Chino Hills	14000 City Center Drive Chino Hills, CA	909-364-2722	ezirbel@chinohills.org	& 2

Brandon Wier			T		
Street Maintenance		14000 City Center Drive		-	
Worker	City of Chino Hills	Chino Hills, CA	909-364-2722		Bu
Ozzie Lopez		Chino Tims, CA	909-304-2722	<u>bwier@chinohills.org</u>	3
Street Maintenance		14000 City Center Drive			111 -
Worker	City of Chino Hills	Chino Hills, CA	000 264 2722		1/4/2
Carlos Picasso		14000 City Center Drive	909-364-2722	olopez@chinohills.org	9 // 4
Building Inspector	City of Chino Hills	Chino Hills, CA	000 264 2722		
			909-364-2722	cpicasso@chinohills.org	// 5
Frank Gerlette	City of Big Bear Lake	D15	909-866-7521		
	eley of Big Bear Lake	Bear Lake, CA 92315	909-866-7527 fax	pdurban@citybigbearlake.com	6
Tony Valdez	City of Big Bear Lake	PO Box 10000 Big	909-866-7521		
Tony valuez	City of big bear Lake	Bear Lake, CA 92315	909-866-7527 fax	pdurban@citybigbearlake.com	7
Sergio Lopez	City of Dia Day 1	PO Box 10000 Big	909-866-7521		0
Sergio Lopez	City of Big Bear Lake	Bear Lake, CA 92315	909-866-7527 fax	pdurban@citybigbearlake.com	8
Sara Humphrey	C:+ CD: D I I	PO Box 10000 Big	909-866-7521		
Sara Humpiney	City of Big Bear Lake	Bear Lake, CA 92315	909-866-7527 fax	pdurban@citybigbearlake.com	1 8 L 9
Mike Garcia	G: 47	PO Box 3005	909-798-7504		2
IVIIKE Garcia	City of Redlands	Redlands, CA 92373	909-798-7664 fax	mgarcia@cityofredlands.org	MG 10
Vonneth IIIII 1		1950 Nevada Street	909-798-7506		10
Kenneth Hilliard	City of Redlands	Redlands, CA 92374	909-793-0127 fax		1/4 1
D.I. I		PO Box 3005	909-557-6653		1
Robert Luna	City of Redlands	Redlands, CA 92373	909-335-2794 fax	thetzel@cityofredlands.org	Pul 3
SAUCEDO		PO Box 3005	909-798-7504		1 2
Mario Seveedo	City of Redlands	Redlands, CA 92373	909-798-7664 fax	5	unde
		35 Cajon Street	909-329-1114		3
Chris Voights	City of Redlands	Redlands, CA 92373	909-798-7664 fax	cvoights@cityofredlands.org	1 Poer a
Eddie Kelley		300 N "D" Street		evolghes erryon ediands.org	1000 4
Maintenance Supervisor	City of San Bernardino	San Bernardino, CA 92418	909-384-5020	kelley_ed@sbcity.org	19/
		300 N "D" Street		Kelley Edwsbelty.org	Ker 5
Scott Washburn	City of San Bernardino	San Bernardino, CA 92418	909-384-7272	washburn_sc@sbcity.org	2 ki
		300 N "D" Street	237 001 7272	washburn Sclespelly.org	Erhn 6
Robert Arispe	City of San Bernardino	San Bernardino, CA 92418	909-384-7272	arisna va Cabaita	1
		300 N "D" Street	202 201 1212	arispe_ro@sbcity.org	7
Alejandro Castro	City of San Bernardino	San Bernardino, CA 92418	909-384-7272	acetus al O I ii	// /
			707-304-1212	castro_al@sbcity.org	8

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City of Fantana		909-428-8819		1/1
City of Fontana		909-350-6534 fax	rbrooks@fontana.org	ALLO
0:		909-428-8819		1
City of Fontana		909-350-6534 fax	rbrooks@fontana.org	128
G!	8353 Sierra Ave	909-428-8819		
City of Fontana	Fontana, CA 92335	909-350-6534 fax	rbrooks@fontana.org	1)-4
	8353 Sierra Ave	909-428-8819		
City of Fontana	Fontana, CA 92335	909-350-6534 fax	rbrooks@fontana org	1/
	303 E. "B" Street	909-395-2389	- I oritalia.org	1.67
City of Ontario	Ontario, CA 91761	909-395-2122 fax	swilson@ci ontario ca us	((1)
	1425 S. Bon View Ave	909-395-2627		300
City of Ontario	Ontario, CA 91761	909-395-2601 fax	rperez@ci optario ca us	
	1425 S. Bon View Ave	909-395-2635	.pereze enontario.ca.us	1
	Ontario, CA 91761	909-395-2601 fax	aescamilla@ci ontario ca us	An
6	7000 Merril Ave Chino, CA		gescarring e cr.oritario.ca.us	
A	91710	909-597-1510	mkinser@airnorts.shcounty.gov	in
	655 E. Third Street,		manser & an ports.sbcounty.gov	-
	San Bernardino, CA 92415	909-387-3471	mgreen@shord.gov	Chia
	385 N. Arrowhead Ave		mgreen@sbcsd.gov	77
Land Use Services	San Bernardino, CA 92415	909-387-4237	iohn dwiers@lus shoounty gov	( )
			jerm.awiers@ias.sbcounty.gov	//*
	825 E. Third Street	3		
Department of Public Works	San Bernardino, CA 92415	909-387-8601	srvan@dnw shounty gov	(KARD
	P.O. Box 460		Styante apw.sbcounty.gov	No.
City of Upland	Upland, CA 91785		smartinez@ci unland ca us	R.G.
	P.O. Box 460		smartinez@ci.upianu.ca.us	10
City of Upland	Upland, CA 91785	2000 00000 0000000 00 000000 000 <del>0</del>	smarting/@ci.unland.co.us	Rus.
	P.O. Box 460		smartinez@cr.upiand.ca.us	1em
City of Upland	Upland, CA 91785		smarting @si walaa daa	M.S.
	P.O. Box 460		amaranez@ci.upiana.ca.us	101.0
City of Upland	Upland, CA 91785		smarting @cild	111
		- DI LIII	<u>amartinez@ci.upiand.ca.us</u>	ATU.
City of Colton	Colton, CA	909-370-5065		10 To
	City of Upland  City of Upland  City of Upland	City of Fontana  City of Ontario  City of Ontario  City of Ontario  City of Ontario  County of San Bernardino Sheriff's Department  County of San Bernardino Land Use Services  County of San Bernardino Department of Public Works  City of Upland  C	City of Fontana         Fontana, CA 92335         909-350-6534 fax           City of Fontana         8353 Sierra Ave Fontana, CA 92335         909-350-6534 fax           City of Fontana         8353 Sierra Ave Fontana, CA 92335         909-350-6534 fax           City of Fontana         8353 Sierra Ave Fontana, CA 92335         909-350-6534 fax           City of Fontana         8353 Sierra Ave Fontana, CA 92335         909-350-6534 fax           City of Ontario         Ontario, CA 91761         909-395-2634 fax           City of Ontario         1425 S. Bon View Ave Ontario, CA 91761         909-395-2627           City of Ontario         1425 S. Bon View Ave Ontario, CA 91761         909-395-2601 fax           County of San Bernardino Airports         1425 S. Bon View Ave Ontario, CA 91761         909-395-2601 fax           County of San Bernardino Sheriff's Department         655 E. Third Street, San Bernardino, CA 92415         909-387-3471           County of San Bernardino Land Use Services         385 N. Arrowhead Ave San Bernardino, CA 92415         909-387-3471           County of San Bernardino Department of Public Works         825 E. Third Street San Bernardino, CA 92415         909-387-8601           P.O. Box 460         909-297-2941         909-297-2941           City of Upland         Upland, CA 91785         909-291-2974 fax           P.O. Box 460         909-297-	City of Fontana         Fontana, CA 92335         909-350-6534 fax         rbrooks@fontana.org           City of Fontana         8353 Sierra Ave Fontana, CA 92335         909-350-6534 fax         rbrooks@fontana.org           City of Fontana         8353 Sierra Ave Fontana, CA 92335         909-350-6534 fax         rbrooks@fontana.org           City of Fontana         8353 Sierra Ave Fontana, CA 92335         909-350-6534 fax         rbrooks@fontana.org           City of Ontario         303 E. "B" Street Ontario, CA 91761         909-395-2389         909-350-6534 fax         rbrooks@fontana.org           City of Ontario         Ontario, CA 91761         909-395-2122 fax         swilson@ci.ontario.ca.us           City of Ontario         1425 S. Bon View Ave Ontario, CA 91761         909-395-2627         909-395-2601 fax           City of Ontario         Ontario, CA 91761         909-395-2601 fax         gescamilla@ci.ontario.ca.us           County of San Bernardino Airports         7000 Merril Ave Chino, CA 91761         909-395-2601 fax         gescamilla@ci.ontario.ca.us           County of San Bernardino Land Use Services         55 E. Third Street, San Bernardino, CA 92415         909-387-3471         mgreen@sbcsd.gov           County of San Bernardino Department of Public Works         825 E. Third Street         909-387-4237         john.dwiers@lus.sbcounty.gov           City of Upland

Al Garcia		160 S. 10th Streee	:t			
Production Supervisor	City of Colton	Colton, CA		909-370-5065		
Eddie Gonzales		160 S. 10th Streee	t			
Inspector	City of Colton	Colton, CA		909-370-5065		
Victor Ortiz		160 S. 10th Streee	t	The state of the s		1
Engineering Manager	City of Colton	Colton, CA		909-370-5065		11
F14 "		25541 Barton Road	Loma	909-799-4410		- / V
Ed Aguilar	City of Loma Linda	Linda, CA		909-799-4413 fax		EA.
I D I		25541 Barton Road	Loma	909-799-4410		
Jose Rodriguez	City of Loma Linda	Linda, CA		909-799-4413 fax		le.
D-1 C1		25541 Barton Road	Loma	909-799-4410		
Robert Shenton	City of Loma Linda	Linda, CA		909-799-4413 fax		111111111111111111111111111111111111111
Victor Valdovinos		25541 Barton Road	Loma	909-799-4410		THE STATE OF THE S
-Richard Roque	City of Loma Linda	Linda, CA		909-799-4413 fax		1/2
T. 1.0		14000 City Center Dr	ive			- V
Tad Garrety	City of Chino Hills	Chino Hills, CA		909-364-2722	tgarrety@chinohills.org	18

Luis Villalobos City of Fontana

16489 ORANGE WAY. (909)350-6776 FONTANA CAGINIO

Willalo @ Fontana. org Fe



# Town of Apple Valley Annual NPDES Training April 5, 2012

### Sign-in Sheet

Print Name	Sign
PATRICL D CARROLL	for more
V. Brett Morgan	V. Lett Mon
CHUCK POLLOCK	Chuf Pallah
PAULA PEREIRA	Perpin
BRAD MILLER	Fal Mall
Lay Reece	Gay Reece
Richard Pedersen	Sachen Faglior
CLAUDE STEWART	Maine Steet





# The CMS4S<sup>TM</sup> Application Review Committee certifies that

## Tina Marie Souza

Subscribes to the Code of Conduct and Ethics and has met the requirements established by the CMS4S Council as a

### Certified Municipal Separate Storm Sewer System Specialist<sup>TM</sup>

An EnviroCert International, Inc. Program

Certification Number: 0156

Certification Date: August 26, 2011



Glenda Caremney

CMS4S Program Manager









# The CMS4S<sup>TM</sup> Application Review Committee certifies that

## Thomas Wyndham Thornton

Subscribes to the Code of Conduct and Ethics and has met the requirements established by the CMS4S Council as a

### Certified Municipal Separate Storm Sewer System Specialist<sup>TM</sup>

An EnviroCert International, Inc. Program

Certification Number: 0157

Certification Date: August 26, 2011



Chair, CMS4S Council

CMS4S Program Manager







# The CESSWI<sup>TM</sup> Application Review Committee certifies that



### Dwaine Ellis Latimer

Subscribes to the Code of Conduct and Ethics and has met the requirements established by the CESSWI Council as a

# Certified Erosion, Sediment and Storm Water Inspector<sup>TM</sup>

An EnviroCert International, Inc. Program

Certification Number: 2345

Certification Date: November 2, 2011



Warning M. Alendy of Chair, CESSWI Council

Menda Coumney
CESSWI Program Manager









# The CESSWI<sup>TM</sup> Application Review Committee certifies that

## John Keith White

Subscribes to the Code of Conduct and Ethics and has met the requirements established by the CESSWI Council as a

# Certified Erosion, Sediment and Storm Water Inspector<sup>TM</sup>

An EnviroCert International, Inc. Program

Certification Number: 2349

Certification Date: November 2, 2011



Chair, CESSWI Council

Menda Carmnay
CESSWI Program Manager





#### CERTIFICATE OF TRAINING

CALIFORNIA CONSTRUCTION GENERAL PERMIT

### QUALIFIED SWPPP Practitioner (QSP)

John White

Dec 05, 2011 - Dec 05, 2013

Certificate # 21908



California Stormwater Quality Association and California Construction General Permit Training Team

#### **CERTIFICATE OF TRAINING**

CALIFORNIA CONSTRUCTION GENERAL PERMIT

### QUALIFIED SWPPP Practitioner (QSP)

**Dwaine Latimer** 

Dec 01, 2011 - Dec 01, 2013

Certificate # 21886



California Stormwater Quality Association and California Construction General Permit Training Team

### CERTIFICATE OF TRAINING

CALIFORNIA CONSTRUCTION GENERAL PERMIT

# QUALIFIED SWPPP DEVELOPER (QSD) AND AND QUALIFIED SWPPP PRACTITIONER (QSP)

John Leveillee

Sep 21, 2011 - Sep 21, 2013

Certificate # 21018



California Stormwater Quality Association and California Construction General Permit Training Team

#### CWEA - DESERT AND MOUNTAIN SECTION

Vendor Fair, Training, and Air Pack Derby Big Bear - Snow Summit - Thursday, August 25, 2011

Name of Attendee: Daniel Sanchez

Stamp/Initials	Session Time	Title of Training Session	Presenter .
*	10:30 – 10:55 am	Sanitary Sewer Spill Response	Denis Pollak
	10:30 – 10:55 am	Basic Design of Chemical Feed Systems	Jon Crowley
	11:00 – 11:25 am	Ops Challenge Collection System Event Demonstration	LA Wrecking Crew
	12:00 – 12:25 pm	Maintenance & Troubleshooting on a Self Priming Pump	Jim Rufing
	12:00 — 12:25 pm	Understanding & Implementation of Digital Controllers	Quinn E. Eddins
*	1:00 – 1: <b>25</b> pm	Pipe Tapping Basics	Scott Bennett
	1:00 – 1:25 pm	Tank Inspections	John Hake
	1:30 – 1:55 am	Ops Challenge Pump Maintenance Event Demonstration	n LA Wrecking Crew
12/	2:00 – 2:25 pm	Understanding Packing & Mechanical Sealing Systems	Paul Walton
	2:00 – 2:25 pm	Use and Maintenance of G450 Multi-Gas Detector	Michael Calvo
	*Each session attended	d earns 0.5 Contact Hour for a maximum of 3.0 Contact Hours*	وواد الماري

**Contact Hours.** 

Total Number of Contact Hours Earned By Attendee (# of initialed sessions X 0.5): 3

# TRI-STATE SEMINAR ON-THE-RIVER Stephen Bulgarelli

#### HAS ATTENDED THE FOLLOWING WATER/WASTEWATER TRAINING

Date	ate Session Name		Hour(s)	
09/27/2011	1302 Management H2S: Odors and Corrosion Control	Rick Allen	1	
09/27/2011	1602 Preparation of Manhole Structures and Testing of Coatings	J.D. Marvin	, . <b>1</b>	
09/28/2011	2202 Easements and Easements in Environmentally Sensitive Areas	Steve Jepsen	1	
09/28/2011	2302 Cured in Place Pipe, Trenchless Point Repair Systems	Carl Solomon	1	
09/28/2011	2402 Understanding Underground Resin Aggregate Structures	Phil Gale	1	
09/28/2011	2502 Trenchless Pipeline Rehabilitation	Dave Badgley	1	
09/28/2011	2602 Correcting Sewer Infrasturcture Deficiencies by Design	Tim Gibson	1	
09/29/2011	3202 Odor Control Methods for Collection and Treatment Systems	Wyatt Troxel	1	
09/29/2011	3302 Inspecting Large Diameter Pipe	Ed "Digger" Diggs	1	
	· ·	Total Hours	 9	

Ed Starner

estarner@earthlink.net





City of Hesperia

Streets, Water & Sewer

DATE:

October 14, 2011

TIME IN: 0630 TIME OUT: 1030

LOCATION:

Public Works Office Mojave Site

SUBJECT:

Review SSMP & Sanatary Sewer Overflow (SSO) Response (4 Hours)

#### **AGENDA**

Review Sewer System Management Plan (SSMP)

- Review Sanatary Sewer Overflow (SSO)Emergancy Response
- Review Sewer Master Plan

#### REFERENCE

City of Hesperia • City of Hesperia's Sewer

System Management Plan

(SSMP)

 City of Hesperia's Sanatary 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

Mark Solomon: Manh

Senior Maintenance Worker/Sewer/

Albert Otero:

Maintenance Worker Sewer

Frozen Position:

Maintenance Worker Sewer

Stephen Bulganelli:

Maintenance Worker Sewer

**Daniel Sanchez:** 

Maintenance Worker Sewi

Keith Lueken

Maintenance Worker Sewer

## CWEA - DESERT AND MOUNTAIN SECTION

Collection System Maintenance Fraining Day Workshops James Woody Community Center Apple Valley Monday, November 07, 2011

Name of Attendee: Daniel Sanchez

Stamp/Initials	Session Time	<u>Title of Training Session</u>	<u>Presenter</u>
	09:00 – 09:50 am	Class # 1 - Collection System Safety	Denis Pollak V & A Engineering
and the same of th	10:10 – 11:00 am	Class # 2 - What Happens When You Put 42 Million Gallons of Sewage in a River?	Logan Olds VVWRA
***************************************	12:10 am – 1:00 pm	Class # 3 - CSM Grade 1 Math Review	Mark Hill RBF Engineering
<i>**</i>	1:30 pm – 2:30 pm	Tour Upper Narrows Emergency Bypass Pump Sites (Follow up to Presentation # 2)	Tony Penna & Ryan Orr
	2:30 pm – 3:30 pm	Tour – Upper Narrows Emergency Bypass Pump Sites	VVWRA

\*Each session attended earns 1.0 Contact Hour for a maximum of 5.0 Contact Hours\*

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

### CWEA - DESERT AND MOUNTAIN SECTION

Collection System Maintenance Training Day Workshops
James Woody Community Center Apple Valley
Monday, November 07, 2011

Name of Attendee: Stephen M. Bulgarelli

Stamp/Initials	Session Time	<u>Title of Training Session</u>	<u>Presenter</u>
	09:00 – 09:50 am	Class # 1 - Collection System Safety	Denis Pollak V & A Engineering
i i	10:10 – 11:00 am	Class # 2 - What Happens When You Put 42 Million Gallons of Sewage in a River?	Logan Olds VVWRA
	12:10 am – 1:00 pm	Class # 3 - CSM Grade 1 Math Review	Mark Hill RBF Engineering
	1:30 pm – 2:30 pm	Tour – Upper Narrows Emergency Bypass Pump Sites (Follow up to Presentation # 2)	Tony Penna & Ryan Orr
	2:30 pm – 3:30 pm	Tour – Upper Narrows Emergency Bypass Pump Sites	VVWRA

\*Each session attended earns 1.0 Contact Hour for a maximum of 5.0 Contact Hours\*

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



## City of Hespenia

Streets, Water & Sewer

DATE:

January 18, 2012

TIME IN: 0630 TIME OUT: 1600

LOCATION:

Public Works Office Mojave Site & I &Verde

SUBJECT:

Training on 1" Twin 8 Jet Floor Cleaner (9 Hours)

#### **AGENDA**

How the 1" twin 8 jet floor cleaner is put together and its proper use.

 Hands on training cleaning a storm drain with the 1" twin 8 jet floor cleaner in the field located at I Ave and Verde St in a box culvert going under I Ave.

#### REFERENCE

#### City of Hesperia

#### Other

- Keg manufactures use of the twin jet floor cleaner.
- Keg manufactures représentative trained on use.
- 3T Equipment vendor représentative trained on use.

**WASTEWATER TEAM** 

**Colin Rowe:** 

Maintenance Crew Supervisor

Vacant:

Senior Maintenance Worker Sewer

**Albert Otero:** 

Maintenance Worker Sewer

Frozen Position:

Maintenance Worker Sewer

Stephen Bulgarelli:

Maintenance Worker Sewer

Danial Sanchez

Maintenance Worker Sewer

Keith Lueken:

Maintenance Worker Sewer

### **CWEA ANNUAL CONFERENCE 2012 -- Sacramento**

Stephen Bulgarelli

	HAS ATTENDED THE FOLLOWING WATER/WASTEWATER TRAINING:	SWRCB	<b>CWEA</b>	
Date	Session	CEU	<b>Contact Hours</b>	DHS Hours
4/18/2012	Sewer Modeling Averts Costly Infrastructure Construction	0.05	0.5	0
4/18/2012	Flow Monitoring Testing Facility = Data Quality and Big \$\$\$ Savings	0.1	1	0
4/18/2012	SASD's Approach to Sewer System Capacity Planning	0.1	1	0
4/18/2012	Planning and Funding Collection System Improvements	0.05	0.5	0
4/19/2012	SSO WDR Enforcement Actions	0.1	1	0
4/19/2012	Okay, We've Entered Into a Cease and Desist Order, How To Do The Cleaning	0.1	1	0
4/19/2012	Keep Baykeeper at Bay: Planning and Agency Collab to Reduce RDI/I & SSOs	0.1	1	0
4/19/2012	Sanitary Sewer Overflow Reduction Progam Data Trends and Analysis	0.1	20 cm 1	0
4/19/2012	New Alliance of Agencies Set to Transform Collection Performance in CA	0.1	2. 1	0
4/19/2012	A Comprehensive Approach to Using CMMS, GIS & a Hydraulic Model	0.1	1	0
4/18/2012	Opening Session - Building Upon the Past, Embracing the Future	0	4.8	0
	Total Hours	0.9	13.8	•
•	Julie To	aylor port Street, Suite	- 600	96997558

7677 Oakport Street, Suite 600 Oakland, CA 94621 (510) 382-7800

**CWEA Webinar** 

SSO Volume Estimation Part 1: The Changing World of SSO Volume Estimation

May 8, 2012

THIS IS TO CERTIFY THAT

Stephen Bulgarelli

HAS COMPLETED THE ABOVE TRAINING/EDUCATIONAL PROGRAM AND HAS EARNED

1.8 CWEA CONTACT HOURS

Director of Education & Training

May 8, 2012

**Date of Completion** 

**CWEA Webinar** 

SSO Volume Estimation Part 1: The Changing World of SSO Volume Estimation

May 8, 2012

THIS IS TO CERTIFY THAT

John Gaunder

HAS COMPLETED THE ABOVE TRAINING/EDUCATIONAL PROGRAM AND HAS EARNED

1.8 CWEA CONTACT HOURS

Director of Education & Training

May 8, 2012

**Date of Completion** 

**CWEA Webinar** 

SSO Volume Estimation Part 1: The Changing World of SSO Volume Estimation

May 8, 2012

THIS IS TO CERTIFY THAT

### Nick Milillo

HAS COMPLETED THE ABOVE TRAINING/EDUCATIONAL PROGRAM AND HAS EARNED

1.8 CWEA CONTACT HOURS

Director of Education & Training

May 8, 2012

**Date of Completion** 

**CWEA Webinar** 

SSO Volume Estimation Part 1: The Changing World of SSO Volume Estimation

May 8, 2012

THIS IS TO CERTIFY THAT

**Daniel Sanchez** 

HAS COMPLETED THE ABOVE TRAINING/EDUCATIONAL PROGRAM AND HAS EARNED

1.8 CWEA CONTACT HOURS

Director of Education & Training

May 8, 2012

Date of Completion

**CWEA Webinar** 

SSO Volume Estimation Part 1: The Changing World of SSO Volume Estimation

May 8, 2012

THIS IS TO CERTIFY THAT

Colin Rowe

HAS COMPLETED THE ABOVE TRAINING/EDUCATIONAL PROGRAM AND HAS EARNED

1.8 CWEA CONTACT HOURS

Director of Education & Training

May 8, 2012

**Date of Completion** 

**CWEA Webinar** 

SSO Volume Estimation Part 2: It's Not Your Grandfather's Tools & Techniques

May 15, 2012

THIS IS TO CERTIFY THAT

Stephen Bulgarelli

HAS COMPLETED THE ABOVE TRAINING/EDUCATIONAL PROGRAM AND HAS EARNED

1.8 CWEA CONTACT HOURS

Director of Education & Training

May 15, 2012

Date of Completion

**CWEA Webinar** 

SSO Volume Estimation Part 2: It's Not Your Grandfather's Tools & Techniques

May 15, 2012

THIS IS TO CERTIFY THAT

John Gaunder

HAS COMPLETED THE ABOVE TRAINING/EDUCATIONAL PROGRAM AND HAS EARNED

1.8 CWEA CONTACT HOURS

Juli Waylor

Director of Education & Training

May 15, 2012
Date of Completion

**CWEA Webinar** 

SSO Volume Estimation Part 2: It's Not Your Grandfather's Tools & Techniques

May 15, 2012

THIS IS TO CERTIFY THAT

### Nick Milillo

HAS COMPLETED THE ABOVE TRAINING/EDUCATIONAL PROGRAM AND HAS EARNED

1.8 CWEA CONTACT HOURS

Director of Education & Training

May 15, 2012
Date of Completion

**CWEA Webinar** 

SSO Volume Estimation Part 2: It's Not Your Grandfather's
Tools & Techniques

May 15, 2012

THIS IS TO CERTIFY THAT

**Daniel Sanchez** 

HAS COMPLETED THE ABOVE TRAINING/EDUCATIONAL PROGRAM AND HAS EARNED

1.8 CWEA CONTACT HOURS

Director of Education & Training

May 15, 2012
Date of Completion

### **APPENDIX D**

**Community Clean-Up and Recycling Event Flyers** 

# CITY OF VICTORVILLE



760-955-5086 FAX 760-955-5199 darmstrong@ci.victorville.ca.us http://ci.victorville.ca.us

14343 Civic Drive P.O. Box 5001 Victorville, California 92393-5001

#### **NEWS RELEASE**

DATE: August 3, 2011

FOR IMMEDIATE RELEASE

CONTACT:

Dana Armstrong, Solid Waste Manager

(760) 955-5086

## VICTOR VALLEY MATERIALS RECOVERY FACILITY (MRF) SHRED-FEST & MULCH GIVEAWAY WILL BE HELD ON SATURDAY, AUGUST $6^{\mathrm{TH}}$

High Desert residents are invited to attend the Victor Valley Materials Recovery Facility (MRF) Shred-Fest and Mulch Giveaway on Saturday, August 6<sup>th</sup>, 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.

<u>Free Shred-Fest:</u> 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.

<u>Free Mulch Giveaway:</u> 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.

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

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 or the Victor Valley MRF at 241-1284.

Pr mat mrf open sat 8/09

### CITY OF VICTORVILLE



FAX 760-955-5199 darmstrong@ci.victorville.ca.us http://ci.victorville.ca.us

14343 Civic Drive P.O. Box 5001 Victorville, California 92393-5001

### **NEWS RELEASE**

**DATE:** October 27, 2011

FOR IMMEDIATE RELEASE

CONTACT:

Dana Armstrong, Solid Waste Manager

(760) 955-5086

### FINAL SHRED-FEST AND MULCH GIVEAWAY OF 2011 SATURDAY, NOVEMBER 5<sup>TH</sup> at VICTOR VALLEY MATERIALS RECOVERY FACILITY (MRF)

High Desert residents are invited to attend the final Shred-Fest and Mulch Giveaway for 2011 on Saturday, November 5<sup>th</sup>, from 8 a.m. to 12 noon at the Victor Valley Materials Recovery Facility (MRF). 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 Giveaway: Area residents can also 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, E-Waste, and Appliances: Residents and businesses can bring TVs, computers, scrap metal, and appliances to drop-off for free.

"Recycle Alley" Drop Off Center: The MRF's "Recycle Alley" drop off area will be open. Residents and businesses can drop off mixed papers, glass bottles and jars, cardboard, all types of scrap metal, plastic bags, tin/aluminum cans, and all sorts of plastics.

Buy Back Center: The Victor Valley MRF's buy back center will be open. Materials for buy back include CRV bottles and cans, newspapers, and cardboard.

Backyard Composting Bins For Sale: Backyard composting bins will be available for sale. City of Victorville Recycling Program staff will be available to hand out information on backyard composting, grass mulching, and the Cash For Grass program.

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.

# CITY OF VICTORVILLE



760-955-5086 FAX 760-269-0024 vville@ci.victorville.ca.us http://ci.victorville.ca.us

14343 Civic Drive P.O. Box 5001 Victorville, California 92393-5001

### **PHOTO OPPORTUNITY**

CONTACT:

Dana Armstrong, Solid Waste Manager

(760) 955-5086

# Victorville Community Cleanup Day April 14, 2012 Over 400 Volunteers Expected To Participate

<u>What</u>: The Victorville Community Cleanup Day is a day for Victorville residents, civic organizations, and businesses to get involved in cleaning up litter in Victorville. Over 400 volunteers will be working in 22 different teams to collect litter from roadways all around Victorville. Volunteers are provided with t-shirts, litter sticks, gloves, and bags for the cleanup. After finishing the cleanup, volunteers can enjoy lunch or dinner at a number of Victorville restaurants that are offering discounts as a thank you.

<u>When</u>: Saturday, April 14, 2012 starting at 8:00 a.m. Cleanup is finished once the location is clean or by 11:15 a.m.

<u>Where</u>: Volunteers will be working at 22 sites around the City. See attached list for details of cleanup locations.

<u>Sponsors</u>: Nine sponsors are supporting the event: Alaska USA Federal Credit Union; Victorville Daily Press; Desert Valley Medical Group; San Manuel Band of Mission Indians; ServPro; Shear Realty; Victorville Speedwash; Victorville Disposal/Burrtec Waste Industries; City of Victorville Community Services Department, Solid Waste Division.

In addition, thirteen local restaurants have offered discounts to volunteers who participate in the cleanup.

<u>History</u>: The Victorville Community Cleanup Day is a semi-annual event, held each October and April. The event started in October 2007 as a partnership between the City of Victorville Solid Waste Division and the Victorville Chamber of Commerce. Since then, more than 4,000 volunteers have worked together to collect over 37 tons of litter from Victorville roadsides. Last October, 350 people volunteered to help pick up litter from 25 different locations around the City, collecting almost 2 tons of litter during the event. For the April 2012 event, over 400 volunteers are expected to participate. The City of Victorville Community Services Department, Solid Waste Division, is now the primary organizer of the event.





# VICTORVILLE COMMUNITY CLEANUP DAY APRIL 14, 2012 8:00 a.m. - Noon

### **LOOKING for VOLUNTEERS**

Take pride in your community. You can help keep Victorville clean and beautiful!

Volunteer a few hours of time - meet new people, have fun, get a T-shirt and discount lunch coupon - and make a difference in your community!



Victorville Community Cleanup Day October 2011

You can download an application and waiver form from our website at :

http://ci.victorville.ca.us

**Quick Link: Community Cleanup** 

#### FOR MORE INFORMATION CONTACT:

John Garcia at (760) 955-5095 email jgarcia@ci.victorville.ca.us Lisa McCarrell at (760) 955-4817 email Imccarrell@ci.victorville.ca.us



# Victorville Residents! Bring Us Your Waste Tires For FREE!



# Victorville Tire Amnesty Day

Saturday, April 21, from 8 a.m. to noon

at the Victor Valley MRF, 17000 Abbey Lane, Victorville

Funded by a grant issued by Cal-Recycle.



What:

City of Victorville residents may bring up to 9 waste passenger vehicle tires

and dispose of them for FREE. Tires with rims- OK. Tires from business will

NOT be accepted at this event.

When:

Saturday April 21, 2012 from 8 a.m. to 12 noon.

Where:

Victor Valley Materials Recovery Facility (MRF) located at 17000 Abbey

Lane, just off of Stoddard Wells Road, in the north part of Victorville.

### Requirements:

- 1. Bring your California identification or Drivers License with your current Victorville address. (A current paystub, or bill, may be used as proof of residence.
- 2. Bring no more than nine (9) tires. (It is a violation of the California Vehicle Code to transport ten or more tires at a time!)

GOT APPLIANCES, OLD TVS, COMPUTERS, or SCRAP METAL TOO?

Bring these items to drop off for FREE at the MRF as well!

For more information, call City of Victorville Code Enforcement at 760-955-5104 or the Victor Valley Materials Recovery Facility at 760-241-1284.

# CITY OF VICTORVILLE



760-955-5086 FAX 760-269-0024 darmstrong@ci.victorville.ca.us http://ci.victorville.ca.us

14343 Civic Drive P.O. Box 5001 Victorville, California 92393-5001

#### **NEWS RELEASE**

DATE: I

May 1, 2012

FOR IMMEDIATE RELEASE

**CONTACT:** 

Dana Armstrong, Solid Waste Manager

(760) 955-5086

# FREE SHRED FEST & MULCH GIVEAWAY THIS SATURDAY, MAY 5, 2012 AT VICTOR VALLEY MRF

High Desert residents are invited to attend the Victor Valley Materials Recovery Facility (MRF) Shred-Fest and Mulch Giveaway this Saturday, May 5<sup>th</sup>, 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.

During Saturday's event, Victor Valley residents can bring up to four bankers boxes of confidential paper documents to be shredded; pick up mulch and compost (50 gallon limit); drop off appliances, scrap metal, and TVs for free; visit the "Recycle Alley" drop-off center; and visit the public Buy Back center to redeem CA CRV, newspapers, and cardboard.

Following are more details about the activities:

<u>Free Shred-Fest:</u> 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.

<u>Free Mulch Giveaway:</u> 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.

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

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

# "Make A Difference Day" Citywide Clean-up Event

Who: Clean-Up Day Volunteers

What: Citywide Clean-up Day in conjunction with San Bernardino County Free Disposal Day

and Make a Difference Day

**When:** October 22, 2011 Clean-up: 8:00 a

Clean-up: 8:00 am - 10:30 am

Supply distribution for group organizer only:

Friday, October 21, 8am - 12pm Hesperia Public Works Warehouse 17282 Mojave Street, Hesperia

Where: Locations throughout the City of Hesperia

The City encourages you to participate in our "Make a Difference Day" Citywide Clean-up event by picking up debris at your designated location. By participating in this event you will help give back to the community and also learn the importance of the recycling needs and illegal dumping issues in Hesperia.

DIFFERENCE DAY

NATIONAL DAY OF DOING GOOD

Come lend a helping hand to keep your neighborhoods clean. Let's all be accountable for our environment and keep Hesperia clean & beautiful. Sign-up required by Friday, October 7, 2011. Additional information provided after registration.



City of Hespenia Julie Ryan Environmental Programs Coordinator

P: (760) 947-1589 F: (760) 947-2881 jryan@cityofhesperia.us Are you in the mood for some real household cleaning? Are you looking for a place to take unwanted household goods? Would you like to clean up your neighborhood? If you said "yes", the City of Hesperia would like to help.

City of Hespenia Citywide Clean-up Day Saturday, April 14, 2012 7:30 am - 12 pm Free drop-off location for Hesperia residents at Advance Disposal 17105 Mesa Street (enter from Santa Fe only)

No Household Hazardous Waste, electronic waste, loose dirt, concrete or rocks will be accepted.

All items MUST be boxed, bundled or bagged.

Seniors and the disabled may schedule curbside pick-up for clean-up day items, excluding tires, by calling (760) 947-1225, before Thursday, April 12, at 3 pm.

The City and Advance Disposal reserve the right to refuse materials not properly contained.



# 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 contents found in today's landfills come from E-Waste.
- New federal mandate requires that television stations switch from analog format to digital format, which means a greater number of televisions will become obsolete within the next several years.

### **E-Waste Collection Event Date, Time and Location:**

Saturday & Sunday, January 7 & 8, 2012 9 am – 4 pm behind Eagle Plaza 15776 Main Street (enter from 9<sup>th</sup> Avenue)



Hosted by: City of Hesperia and Hesperia Chamber of Commerce



For more information please visit the City website at www.cityofhesperia.us or call the Hesperia Chamber of Commerce at (760) 244-2135.

### 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.



# 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 contents found in today's landfills come from E-Waste.
- New federal mandate requires that television stations switch from analog format to digital format, which means a greater number of televisions will become obsolete within the next several years.

### **E-Waste Collection Event Date, Time and Location:**

Saturday & Sunday, June 23 & 24, 2012 9 am – 4 pm behind Eagle Plaza 15776 Main Street (enter from 9<sup>th</sup> Avenue)



Hosted by: City of Hesperia and Hesperia Chamber of Commerce



For more information please visit the City website at www.cityofhesperia.us or call the Hesperia Chamber of Commerce at (760) 244-2135.

### 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.

# The Town of Apple Valley

# Community Clean Up Day



Families • Clubs • Churches • Businesses • Individuals

FREE lunch, t-shirt & supplies provided while supplies last
FREE dump day
Non-Hazardous material drop off location:
Corner of Navajo and Pah-ute
Sign up in advance to help make a difference

(760) 240-7000 x 7071 • www.AppleValleyEvents.org











# FREE DROP-OFF

## **Victor Valley MRF Recycling Center**

17000 Abbey Lane in Victorville (just off Stoddard Wells Road)

# SHRED-FEST 2012

Feb 4 - May 5 - Aug 4 - Nov 3

8 a.m. to 12 noon



On your way to the landfill? Recycle at the MRF instead.



Drop off old TVs, computers, & appliances for FREE



Drop off scrap metal, mixed paper, plastic, glass, cardboard, & newspaper.



Redeem your CRV bottles & cans for CASH!



Bring up to 4
"bankers boxes"
of confidential
documents to
shred for FREE!



Got Mulch? 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.



Sponsored by Burrtec Waste Industries, the City of Victorville and the Town of Apple Valley. For more information contact Burrtec Waste Recycling Coordinator at (760) 245-8607 or call the Victor Valley MRF Recycling Center at (760) 241-1284.





# Saturday, April 21, 2012

8 a.m. - Noon • FREE Admission • FREE Parking

Victor Valley Materials Recovery Facility (MRF)
17000 Abbey Lane, Victorville • Just off of Stoddard Wells Road and the 15 Fwy.

### FREE ...

- Compost and mulch Limit to one full trash can.
- Tire drop-off
   Apple Valley and Victorville residents only.
- · Document shredding
- TV, electronics, and appliance recycling
- Door prizes!

### **COME EXPERIENCE ...**

- Conservation exhibits and workshops
- MRF Tour and Open House
- Conservation Treasure Hunt
- · Children's activities
- Bring a 2-liter bottle to the Master Composter booth and make a worm container.







Sponsored by the Mojave Desert & Mountain Recycling Authority (JPA) and Burrtec Waste Industries, Inc.

Member agencies: City of Adelanto, Town of Apple Valley, City of Victorville, and San Bernardino County.







# Take the Recycling Quiz and bring it to...

Celebrating Earth Day in the victor valley!

Saturday - April 21 8 a.m. to 12 noon At the Victor Valley "MRF" Recycling Center 17000 Abbey Lane in Victorville

Bring this completed quiz to Earth Day At the MRF and WIN!

RECYCLE QUIZ! What Goes in the Blue Recycle Bin at the Curb?



(PUT A CIRCLE AROUND THE CORRECT ITEMS, PUT AN X ON INCORRECT ITEMS.)



corrugated cardboard



plastic containers #1 - #7



diapers

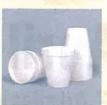


magazines & catalogs





junk mail



styrofoam



plastic grocery bags



office paper



thin cardboard





food waste

aluminum & tin food cans glass bottles & jars



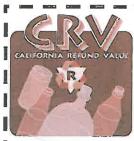


yard waste





### **DOUBLE YOUR CRV CONTEST**



Cash in your CRV Recyclables on Saturday, April 21st during our "Earth Day at the MRF" event and enter to win a "Double YOUR CRV" coupon worth up to \$100! Must be 18 years or over with a current California Drivers License to win. Only one entry per person. Other restrictions apply. For more information call 241-1284.



# Household Hazardous Waste **Collection Center**

Every Wednesday & Sunday 9:00 a.m. to 4:00 p.m.

Enter the San Bernardino County Fairgrounds in Victorville from 7th Street at Desert Knoll Drive, follow the sign to the Center, off of Loves Lane

Residential Waste Only—\(\phi\)—No Commercial Waste

Remember: motor oil, poisons, fertilizers, old medicines, hobby supplies, pool chemicals, and cleaners cannot be thrown into the trash and should never be poured on the ground or down drains.

### Take these and all household hazardous waste to the HHW collection center nearest you.

It's FREE!

TV's and Computers Computer Printers and Accessories Fluorescent Light Bulbs Household Cleaners Irons Microwaves Motor Oil and Fuel

Paints and Paint Thinner Pesticides Weed Killers

Pool and Hobby Supplies Propane Tanks

Space Heaters

Stereos

Batteries\* TIRES (Tire drop-off limited to City of Victorville residents only. Limit 5 tires "off-rim," must bring I.D.)

It's FREE!



\*Please Note: To drop-off household batteries, they MUST BE taped with masking tape on both ends.

# Questions? Call the City of Victorville Fire Department Household Hazardous Waste Program at 760-955-5229.

Before Transporting Hazardous Waste to your Collection Center — follow these safety guidelines:

- The waste is in its original container and properly labeled.
- The contents of the container are the same as stated on the label. If not the same contents as labeled, cover up the label, and write the name of its contents.
- The container is sound, not leaking, and sealed. The amount of waste transported does not exceed 5 gallons or 50 pounds.
- Wastes are placed securely in the vehicle for safe transport.