



Mojave River Watershed Group

Small Municipal Separate Storm Sewer System General Permit

Waste Discharge Identification (WDID) Number

6B36M2000165 Town of Apple Valley
6B36M2000180 City of Hesperia
6B36M2000207 City of Victorville
6B36M2000166 County of San Bernardino

Permit Year 1 Annual Report

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October 15, 2014

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Acronyms

BMP	Best Management Practice
CBSM	Community-Based Social Marketing
CGP	Construction General Permit
DIY	Do It Yourself
EPA	Environmental Protection Agency
GPS	Global Positioning System
IDDE	Illicit Discharge Detection and Elimination
IRWMP	Integrated Regional Water Management Plan
LID	Low Impact Development
MEP	Maximum Extent Practicable
MOA	Memorandum of Agreement
MRP	Monitoring and Reporting Program
MRWG	Mojave River Watershed Group
MS4	Municipal Separate Storm Sewer System
NOC	Notice of Correction
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
RWQCB	Regional Water Quality Control Board
SIE	Separate Implementing Entity
SMARTS	Stormwater Multiple Application and Report Tracking System
SWMP	Stormwater Management Program
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TMDL	Total Maximum Daily Load
USGS	United States Geological Survey

1. Introduction

Phase II Small MS4 General Permit

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

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

Mojave River Watershed Group General Permit Coverage and Annual Report

In accordance with the State Water Resources Control Board (SWRCB) Order No. 2013-0001-DWQ¹ and National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000004, the Town of Apple Valley, Cities of Hesperia and Victorville, and County of San Bernardino, collectively the Mojave River Watershed Group (MRWG) agencies, submitted an electronic Notice of Intent (NOI) and guidance document to the Lahontan Regional Water Quality Control Board (RWQCB) in June 2013. The RWQCB accepted these documents and extended coverage under the Phase II Small MS4 General Permit (Permit) to the MRWG Permittees. This Annual Report addresses the period from July 1, 2013 through June 30, 2014, which is the tenth year of the Phase II MS4 program and the first year of the second Permit term. The Annual Report is an evaluation of the MRWG's stormwater program and provides an update on Permit implementation and compliance. This Annual Report for Fiscal Year 2013-14 will describe in quantifiable terms the implementation of the Stormwater Management Program (SWMP) for Permit Year 1 requirements. This document supports the responses entered into the Stormwater Multiple Application and Report Tracking System (SMARTS).

The MRWG SWMP and guidance document outline a comprehensive process to develop, implement, and enforce a program to reduce the discharge of pollutants from the MS4 to the Maximum Extent Practicable (MEP) in order to better protect surface water quality. The guidance document identifies the Permit's program elements, the responsible implementing party, and the Permit compliance year. The MRWG has and will continue to implement these program elements to prevent or reduce potential adverse affects of runoff on receiving water bodies:

¹ http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml

1. Program Management Element
2. Education and Outreach Program
3. Public Involvement and Participation Program
4. Illicit Discharge Detection and Elimination
5. Construction Site Stormwater Runoff Control Program
6. Pollution Prevention/Good Housekeeping for Permittee Operations Program
7. Post-Construction Stormwater Management Program
8. Water Quality Monitoring
9. Program Effectiveness Assessment and Improvement
10. Total Maximum Daily Loads (TMDL) Compliance Requirements
11. Annual Reporting Program

The MRWG does not have a TMDL requirement; therefore, the tenth program element is not applicable to the group.

For Permit Year 1, the MRWG Permittees are required to complete objectives associated with the following program elements:

- Education and Outreach Program;
- Illicit Discharge Detection and Elimination;
- Construction Site Stormwater Runoff Control Program;
- Post-Construction Stormwater Management Program; and
- Water Quality Monitoring.

1.1 Summary of Major Accomplishments for Fiscal Year 2013-14

This Annual Report details the successful implementation of Permit Year 1 program elements and demonstrates Permittee compliance with the Phase II Small MS4 General Permit. Major accomplishments between July 1, 2013 and June 30, 2014, include, but are not limited to:

- Continued SWMP implementation by holding 11 meetings to discuss stormwater management efforts and conducted 18 stormwater compliance training sessions for municipal staff;
- Distributed over 1,800 tip cards through community outreach events and business partnerships;
- Collected 742 pledge forms from residents committing to change behaviors and prevent stormwater pollution;
- Through 18 assemblies, reached out to 1,095 elementary school students;
- Partnered with over 230 local businesses that might otherwise generate pollutants;
- Continued to expand the MRWG's social media accounts and presence;
- Comprehensively trained 127 municipal staff in stormwater pollution prevention programs;
- Developed and implemented spill response plans;
- Collected 122 tons of household hazardous waste;
- Developed and maintained construction site inventories for active projects subject to the local construction site stormwater runoff control ordinance; and
- Determined the location of regional receiving water monitoring sites for water quality sampling.

2. Background

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



The Mojave River headwaters are in the San Bernardino Mountains, which may annually receive over 40 inches of precipitation at its highest elevations. Much of the winter precipitation in the San Bernardino Mountains falls in the form of snow that provides spring recharge to the Mojave River system. Historically, the annual recharge from the headwaters is approximately 75,000 acre-feet. The Mojave River channel transects the watershed over a linear distance of approximately 120 miles to its terminus at Silver Dry Lake near the Community of Baker. Except during and immediately following storms, or at locations where groundwater is forced to the surface by geology, the Mojave River channel is normally dry downstream of the Mojave Forks Dam.

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

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

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

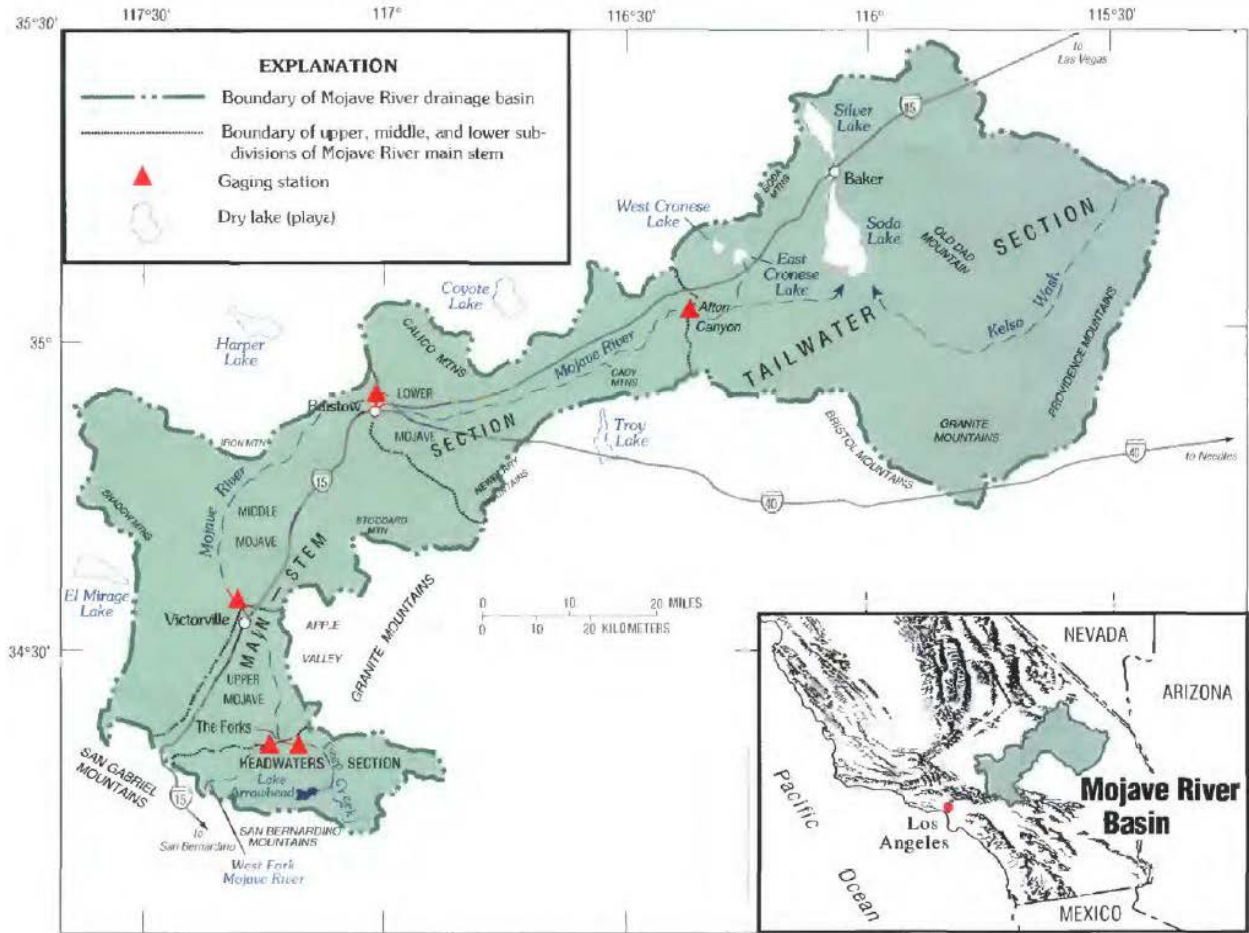


Figure 2-1 The Mojave River Drainage Basin Map

3. Permit Year 1 Program Element Implementation

During the Permit application process, Traditional Renewal Permittees were required to develop and submit a program-specific stormwater guidance document providing overall program planning and identifying all Permit requirements and responsible implementing parties. Additionally, the guidance document identifies and describes existing Best Management Practices (BMPs) within the group's SWMP that may be more protective of water quality than the minimum requirements of the Permit. The MRWG guidance document also justifies the group's decision to either maintain or cease the identified BMPs. The MRWG guidance document for the MRWG is comprised of eleven program elements, each with specific control actions to reduce pollutants in urban and stormwater discharges over the 5-year Permit term. These program elements, which are implemented on a jurisdictional and watershed-wide basis, are iterative and include annual assessments to determine whether programmatic outcomes are being achieved. This Annual Report evaluates the activities undertaken by the group to implement the stormwater program, BMP effectiveness, and improvement opportunities to achieve MEP. These evaluations assess the effectiveness and ability of the group to reduce or eliminate the discharge of pollutants to receiving waters. The following subsections summarize the MRWG's implementation of the Permit Year 1 program element activities.

3.1 General Permit Requirements

The second term Permit requires Renewal Traditional Small MS4 Permittees to submit a guidance document during the application process in lieu of a new SWMP. The MRWG Permittees individually submitted the guidance document, along with the NOI and applicable fees, prior to June 30, 2013. The MRWG continued to implement the existing SWMP by holding regular group meetings, which were open to interested stakeholders, to discuss the stormwater management efforts of the member agencies. Of the 11 meetings held this reporting year, the Town of Apple Valley and City of Hesperia attended 11 meetings, and the City of Victorville and County of San Bernardino attended 10 meetings. The meeting sign-in sheets are attached in **Appendix A**. In addition, the MRWG Permittees conducted 18 stormwater compliance training sessions and trained a total of 127 municipal staff during Permit Year 1 on topics such as spill response procedures, BMP maintenance, construction site stormwater runoff controls, and post-construction stormwater management.

The MRWG relied on CWE and Westbound Communications as Separate Implementing Entities (SIEs) to satisfy one or more of the Permit Year 1 obligations. The SIEs supported the MRWG by developing and implementing the education and outreach program, conducting the landscape code analysis, and commencing preparation of the regional receiving water monitoring program plan and Quality Assurance Project Plan. All SIE obligations were implemented and completed within the Permit Year 1 compliance date. The applicable agreements between the MRWG and SIEs can be found in **Appendix B**.

3.2 Education and Outreach Program

The Phase II Small MS4 General Permit requires the implementation of a public education and outreach program to distribute educational materials to the community and conduct outreach activities to measurably increase the public's knowledge and awareness regarding the municipal storm drain system, impacts of urban runoff and non-stormwater discharges on receiving water bodies, steps the public can take to reduce pollutants in runoff, and potential BMP solutions for the target audience.

3.2.1 Permit Requirements

Per Section E.7.a., Public Education and Outreach, Permittees were required to select one or more of the Public Education and Outreach options. For reporting purposes, the MRWG was required to comply with the following:

By the first year Annual Report, the Permittee shall submit information indicating which Public Education and Outreach option(s) it will use to comply with this Section. For each option involving a contribution to a countywide stormwater program or regional outreach and education collaborative effort, the Permittee shall complete and have available in the first year Annual Report documentation, such as a written agreement, letter or similar document, which confirms the collaboration with other MS4s.

3.2.2 Permit Year 1 Achievements

The MRWG is moving forward with the Education and Outreach Program under option number two, contributing to a regional outreach and education collaborative effort. The MRWG will continue to work together to develop and implement a measurable public outreach plan that educates community members about stormwater pollution prevention and encourages behavior change. The MRWG Memorandum of Agreement (MOA) in **Appendix B** details the group’s commitment to collaborate on a regional public education and outreach program.

Building on past efforts, the MRWG developed and implemented a comprehensive Community-Based Social Marketing (CBSM) campaign to strategically communicate, educate and motivate community members to change behaviors and prevent stormwater pollution. The communications approach is three-fold – awareness, engagement and personal responsibility. While the MRWG continues to make a name for themselves in the community, the group encourages participation through engagement in community outreach events and inspires personal responsibility with the public taking action. To achieve the best result from the public, MRWG focuses on four audiences – schools, businesses, residents, and social media.

Schools

MRWG conducted 18 interactive “Stormwater Trooper” assemblies to educate kids about the danger of unsafe behaviors and reinforce positive change. Three assemblies led to on-campus cleanup events and the MRWG received 35 letters from students sharing how they will be changing their behaviors. MRWG also evaluated all district level science fair projects and selected one student from each district to win MRWG’s Top Water Award. For higher education, MRWG partnered with Victor Valley College, conducting a cleanup event and participating in presentations at environmental science classrooms. **Table 3-1** summarizes the school assembly efforts by the MRWG.

Table 3-1 School Assemblies				
School	City/Area	No. of Assemblies	No. of Students Educated	No. of Classrooms Educated
Apple Valley Science Fair	Apple Valley	3	35	3
Yucca Loma Elementary	Apple Valley	4	180	6
Eucalyptus Preschool	Hesperia	1	30	1
Brentwood School of Business and Leadership	Victorville	2	180	4
Discovery Elementary	Victorville	2	70	2
Mountain View Montessori	Victorville	3	240	9
Village Elementary School	Victorville	3	360	12
Totals		18	1,095	37



Businesses

To date, MRWG has partnered with over 230 businesses in the High Desert, with more than 190 businesses that helped distribute pollution prevention tip cards during this reporting year. The tip cards highlighted the do’s and don’ts pertaining to the purchase, use, storage, and disposal of products to prevent stormwater pollution. In addition, six business trainings were conducted this past year, educating employers and employees on how they can best educate their consumers on using stormwater safe products. **Table 3-2** shows the partnerships that the MRWG has secured.

Table 3-2 Business Outreach Efforts and Partnerships	
Business Type	Number of Secured Partnerships
Automobile	43
Community (i.e., libraries, chambers)	31
Convenience Stores (i.e., grocery, drug stores)	36
Home Improvement	16
Mobile Service (i.e., pool maintenance)	7
Nurseries	20
Paint Stores	10
Pet and Animal Hospitals	41
Schools	33
Total	237

Residents

During four outreach events in the region, which are summarized in **Table 3-3**, MRWG collected 742 pledge forms from residents committing to change behaviors and prevent stormwater pollution, and distributed nearly 1,900 tip cards. Each pledge adds a new contact to the electronic database, through which five stormwater pollution newsletters were distributed.

Table 3-3 Public Education and Outreach Events			
Event	Location	Number of Materials Distributed/Collected	
		Tip Cards	Pledge Forms
Apple Valley Winter Wonderland December 11, 2013	Apple Valley	65	17
High Desert Home Show November 2-4, 2013	Victorville Fairgrounds	1,312	283
High Desert Home Show April 4-6, 2014	Victorville Fairgrounds	370	346
Women’s Expo March 8, 2014	Victorville Fairgrounds	105	96
Totals	4 Events	1,852	742

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 stormwater pollution prevention messages.

Social media played a major role in communicating with the public in the High Desert. A MRWG Facebook page, with over 200 followers, was maintained to generate conversations about stormwater and provide a forum for our audiences to communicate and share photos with one another.

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

The MRWG also utilizes a Pinterest page that contains over 400 pins. The platform houses 12 boards focused on a variety of topics, including desert landscaping ideas, environmental Do It Yourself (DIY) projects, classroom learning, stormwater pollution prevention tips, and student shout outs. MRWG has secured a solid foundation of 74 followers which is an increase of 105% from last year's 36 followers.

The MRWG has almost 600 followers in total on Facebook, Twitter, and Pinterest combined and secured three articles in the daily newspaper, the Daily Press. **Table 3-4** summarizes the MRWG's social media interaction efforts.

Table 3-4 Social Media Interaction Summary	
Account Detail	Measurement
Twitter Account (@MojaveRiver)	
Tweets	576
Followers	306
Following	196
Facebook Account (Mojave Watershed)	
Followers	210
Pinterest Account (Mojave River Watershed Group)	
Followers	74

3.3 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.

3.3.1 Permit Requirements

The Permit requires the development of an IDDE Program to protect its MS4 system against illicit discharges and connections. To accomplish Permit Year 1 objectives for this program element, Permit Section E.9.e. required Permittees to complete the following:

At a minimum, the spill response plan will incorporate the information from Section E.9.c and outline the following:



- a) Agency roles and responsibilities (e.g., County Department of Environmental Health, local police department, local fire department, etc.);
- b) The procedures for responding to complaints;
- c) How investigations are to be conducted;
- d) How clean up is initiated or conducted; and
- e) How reporting is completed and what information is required.

3.3.2 Permit Year 1 Achievements

The objectives of the IDDE Program for Permit Year 1 were successfully achieved in accordance with the second term Permit requirements. The MRWG member agencies developed and implemented Spill Response Plans as part of an evolving IDDE Program. The Spill Response Plans provide instructions on how to successfully respond to complaints, remediate a spill, and correctly report the situation. **Appendix C** contains the individual Spill Response Plans. Very few, if any, illicit discharges were reported or detected during Fiscal Year 2013-14. This can be attributed to the geologic and geographic properties throughout the watershed, where properties have onsite retention or detention facilities and dry wells, thus capturing non-stormwater discharges onsite. The illicit discharge data reported is quantified in **Table 3-5**.

Table 3-5 Illicit Discharges Reported and Resolved				
Permittee	Illicit Discharges Reported	Illicit Discharges Resolved ¹	Resulted in Enforcement Action	Resolution Rate
Town of Apple Valley	0	0	0	-
City of Hesperia	37	37	34	100%
City of Victorville	1	1	0	100%
County of San Bernardino	1	1	1	100%

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

As part of the IDDE Program, the MRWG Permittees encourage residents to properly recycle their household hazardous waste at one of fourteen collection centers or participating automotive facilities. These collection centers take in unwanted medications, paint, motor oil, antifreeze, automotive batteries, lawn and pool care products, or drain and household cleaners. **Table 3-6** documents the amount of hazardous waste that was collected at these collection centers.

Table 3-6 Quantity of Materials Collected at Household Hazardous Waste and Used Oil Centers	
Household Hazardous Waste Collection Center Location	Quantity of Material Collected (Tons)
Town of Apple Valley	106
City of Hesperia	4
City of Victorville	12
County of San Bernardino	<1
Total	122

3.4 Construction Site Stormwater Runoff Control Program

The purpose of the Construction Site Stormwater Runoff Control Program is to develop, implement, and enforce a program to prevent the discharge of construction site pollutants and minimize or eliminate negative impacts on the beneficial uses of receiving waters.

3.4.1 Permit Requirements

The Permit Year 1 Construction Site Inventory requirements in Permit Section E.10.a. involved completing the following:

The Permittee shall maintain an inventory of all construction projects and continuously update as new projects are permitted and projects are completed. The inventory shall address all projects subject to the local construction site stormwater runoff control ordinance. For projects subject to the [Construction General Permit (CGP)] the Permittee may obtain the inventory from the SMARTS database and shall supplement as needed by the Permittee.

The inventory shall contain, at a minimum:

- a) Relevant contact information for each project (e.g., name, address, phone, email, etc. for the owner and contractor);*
- b) The basic site information including location, status, size of the project and area of disturbance;*
- c) The location of the project with respect to all waterbodies, waterbodies listed as impaired by sediment-related pollutants, and waterbodies listed as impaired for sediment or turbidity under the CWA Section 303(d) and approved by U.S. [Environmental Protection Agency (EPA)];*
- d) Project threat to water quality;*
- e) Current construction phase;*
- f) The required inspection frequency per the local construction site stormwater runoff control ordinance;*
- g) The project start and anticipated completion dates; and*
- h) The date the Permittee approved the erosion and sediment control plan in accordance with this Section.*

Permit Section E.10.b. required Permittees to develop procedures to review and approve relevant construction plan documents according to the following requirements:

The review procedures shall meet the following minimum requirements:

- a) Prior to issuing a grading or building permit, the Permittee shall require each operator of a construction activity within its jurisdiction to prepare and submit an erosion and sediment control plan for the Permittee's review and written approval. The Permittee shall not approve any erosion and sediment control plan unless it contains appropriate site-specific construction site BMPs that meet the minimum requirements of the Permittee's construction site stormwater runoff control ordinance. If the erosion and sediment control plan is revised, the Permittee shall review and approve those revisions.*
- b) Require that the erosion and sediment control plan include the rationale used for selecting BMPs including supporting soil loss calculations, if necessary.*
- c) Require that the erosion and sediment control plan list applicable permits directly associated with the grading activity, including, but not limited to the State Water Board's CGP, State Water Board 401 Water Quality Certification, U.S. Army Corps 404 permit,*

and California Department of Fish and Game 1600 Agreement. Include as a condition of the grading permit that the operator submit evidence to the MS4 that all permits directly associated with the grading activity have been obtained prior to commencing the soil disturbing activities authorized by the grading permit.

- d) Conduct and document review of each erosion and sediment control plan using a checklist or similar process.
- e) The [Stormwater Pollution Prevention Plan (SWPPP)] developed pursuant to the CGP may substitute for the erosion and sediment control plan for projects where a SWPPP is developed. The Permittee is responsible for reviewing applicable portions of the SWPPP for compliance with the Permittee's construction site stormwater runoff control ordinance and this Order.

3.4.2 Permit Year 1 Achievements

Construction Site Inventory

The MRWG member agencies utilized databases to maintain and continuously update the construction project inventory of projects subject to the local construction site stormwater runoff control ordinance. The Town of Apple Valley database complies with the requirements identified in Permit Section E.10.a(ii)(a-h). The City of Hesperia is currently updating the database that maintains the construction project inventory to include all Permit Section E.10.a(ii)(a-h) requirements as fields within the database. The City collects and maintains all Permit required information in separate database systems.

The database used by the City of Victorville complies with a portion of the requirements identified in Permit Section E.10.a(ii)(a-h). The City is currently reviewing its data collection procedures with the intent of modifying the program to include the relevant information fields required by the Permit.

The County of San Bernardino utilized a database to maintain and continuously update the construction project inventory of projects subject to the local construction site stormwater runoff control ordinance. The database used complies with a portion of the requirements identified in Permit Section E.10.a(ii)(a-h). The County is currently reviewing its data collection procedures with the intent of modifying the program to include the relevant information fields required by the Permit. In addition, the County is currently in the initial stages of designing and implementing a new County-wide data system (Accela) that integrates planning, land development, code enforcement, NPDES and other various County data and procedures into a single streamlined process. **Appendix D** contains the construction site inventories for each member agency.

The MRWG conducted 419 inspections with 13 of them resulting in a Notice of Correction (NOC). There were a total of 196 follow up inspections completed this reporting year. There was no need to refer deficiencies to the Lahontan RWQCB for further enforcement action. **Table 3-7** shows the construction site inspections conducted during this reporting year for each Permittee.

Table 3-7 Construction Site Inspections Fiscal Year 2013-14						
Permittee	Inspected	Projects >1 Acre	Projects <1 Acre	NOC	Follow Up Inspections	Referred to RWQCB
Town of Apple Valley	29	10	19	0	194	0
City of Hesperia	69	3	68	13	1	0
City of Victorville	283	2	5	0	1	0
County of San Bernardino	38	N/R	N/R	N/R	N/R	N/R

N/R: Not Reported



Construction Plan Review and Approval Procedures

The MRWG member agencies have developed construction plan review and approval procedures pursuant to Permit Section E.10.b. These procedures ensure that the construction plan documents detail proper use and installation of BMPs and adhere to the minimum requirements of the local construction site stormwater runoff control ordinance. The developed procedures for each member agency are attached in **Appendix E**.

3.5 Post-Construction Stormwater Management Program

The purpose of the Post-Construction Stormwater Management Program is to minimize potential adverse impacts to water quality from development projects by incorporating site planning, hydromodification measures, 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.

3.5.1 Permit Requirements

Permit Year 1 requirements for this program are included in Permit Sections E.12.j.(ii)(a), E.12.k., and E.12.l. Permit Section E.12.j.(ii)(a), Planning and Development Review Process, required:

Within the first year of the effective date of the permit, the Permittee shall conduct an analysis of the landscape code to correct gaps and impediments impacting effective implementation of post-construction requirements.

Permit Section E.12.k, Post-Construction Stormwater Management Requirements Based on Assessment and Maintenance of Watershed Processes, provides Permittees the following alternative requirement in lieu of implementing Permit Section E.12, with the except of Sections E.12.j. and E.12.e(ii)(e):

Small MS4s subject to Section E of this Order, in place of complying with the requirements set forth in Section E.12, except for Sections E.12.j. Planning and Development Review Process and E.12.e(ii)(e) Source Control Requirements, shall comply with post-construction stormwater management requirements based on a watershed-process approach developed by Regional Water Board that include the following:

- *Completion of a comprehensive assessment of dominant watershed processes affected by urban stormwater.*
- *LID site design and runoff reduction measures, numeric runoff treatment and retention controls, and hydromodification controls that will maintain watershed processes and protect water quality and beneficial uses.*
- *A process by which Regional Board staff will actively engage Permittees to adaptively manage requirements as determined by the assessment of watershed processes.*
- *An annual reporting program that involves Regional Board staff and State Board staff to inform statewide watershed process based criteria.*

The regional watershed-process based approach must be approved by the Regional Water Board following a public process.

Permit Section E.12.l., Alternative Post Construction Stormwater Management Program, also provides Permittees with an alternative to propose a post-construction measures approach in lieu of some or all of the Section E.12 requirements:

A Permittee may propose alternative post construction measures in lieu of some or all of Section E.12. requirements for multiple benefit projects. Multiple-benefit projects include projects that may address any of the following, in addition to water quality: water supply, flood control, habitat enhancement, open space preservation, recreation, climate change. Multiple-benefit projects may be applied at various scales including project site, municipal or sub-watershed level. Multiple-benefit projects may include, but are not limited to, projects developed under Watershed Improvement Plans (Water Code §16100 et seq.), [Integrated Regional Water Management Plan (IRWMP)] implementation and green infrastructure projects. Multiple benefit projects must be equally or more protective of water quality than Section E.12. requirements.

The Regional Water Board or the Executive Officer, may approve alternative post-construction measures for multiple-benefit projects, as described above, after an opportunity for public comment, if the Regional Water Board or Executive Officer finds that the alternative measures are consistent with the MEP standard.

3.5.2 Permit Year 1 Achievements

A review of each member agency's landscape and development codes were completed during this reporting year to identify potential gaps that may need to be corrected and impediments impacting effective implementation of post-construction requirements. Results of the landscape code analysis concluded that no existing codes impeded the effective implementation of post-construction requirements identified in Permit Section E.12. The analysis did identify some opportunities for landscape code enhancement to encourage the design and implementation of Low Impact Development (LID) techniques; however, these changes and/or additions to the landscape code are not necessary to comply with this Permit requirement in Permit Section E.12.j.(ii)(a).

The MRWG has elected not to implement post-construction stormwater management requirements based on a watershed-process approach or propose alternative post-construction measures that achieve multiple-benefits. Permit Section E.12.k. and E.12.l. are not applicable to the group.

3.6 Water Quality Monitoring

Water quality monitoring is intended to assess whether water quality standards are being achieved, the extent and magnitude of the current or potential receiving water problems, and determine if receiving water conditions have improved over time.

3.6.1 Permit Requirements

The Permit Year 1 Receiving Water Monitoring requirements in Permit Section E.13.d.1.(ii) are as follows:

By the first year of the permit, the Permittee shall select one (1) urban/rural interface monitoring site to monitor receiving water quality at an upstream location in an area undergoing development and evaluate changes in receiving water quality over time, and; one (1) urban area monitoring site to monitor receiving water quality at a downstream location in an urban area and evaluate changes in receiving water quality over time.

3.6.2 Permit Year 1 Achievements

To satisfy the requirements of Permit Section E.13., Water Quality Monitoring, the MRWG will conduct a regional receiving water monitoring program and adhere to the conditions listed in Permit Section E.13.d.1., Receiving Water Monitoring. The Monitoring and Reporting Program (MRP) Plan is under development. A meeting between the MRWG member agencies and Lahontan Regional Board staff

occurred on April 23, 2014, to discuss and solicit input on the selection of potential receiving water monitoring sites and clarify the definitions of the words “outfall” and “receiving water” as they pertain to the monitoring requirements in Permit Section E.9. Implementation of the MRP will begin after receiving approval from the Lahontan Regional Board.

The MRWG selected the two monitoring locations; one urban/rural interface monitoring site at an upstream location and one urban area monitoring site at a downstream location. The Global Positioning System (GPS) coordinates for the locations are shown in **Table 3-8** and **Figure 3-1**. Names of the locations will be determined at a later date.

Table 3-8 Receiving Water Monitoring Locations		
Monitoring Site	Latitude	Longitude
Upstream Urban/Rural Interface	34.345187	-117.239453
Urban Downstream	34.572954	-117.320136



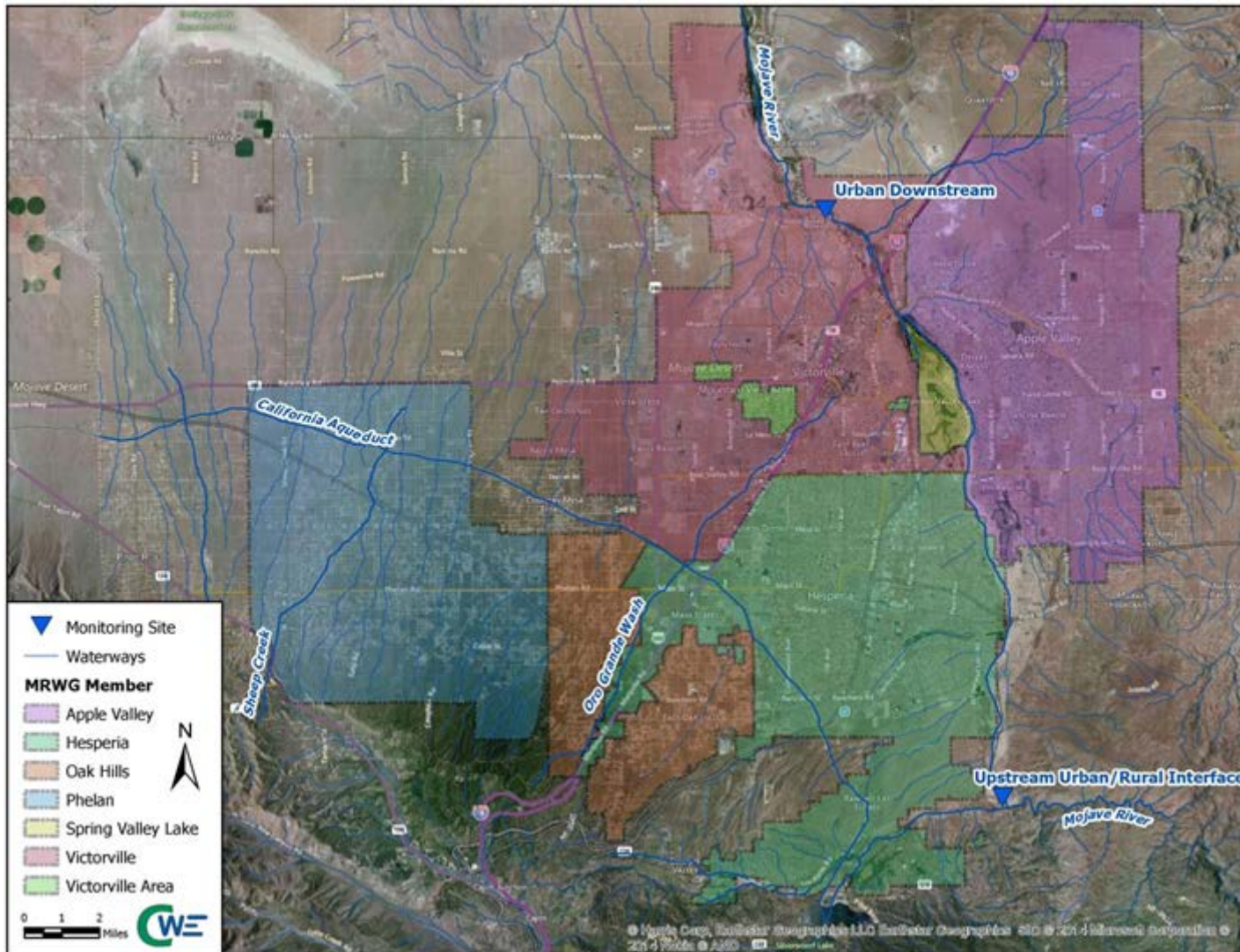


Figure 3-1 MRWG Receiving Water Monitoring Sites

4. Certification

The MRWG member agencies certified the annual report via SMARTS on October 15, 2014.

5. 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, California 92307
Contact Person: Rae Beimer
Contact Phone No.: (714) 788-6936

City of Hesperia

9700 Seventh Avenue
Hesperia, California 92345
Contact Person: Tina Souza
Contact Phone No.: (760) 947-1474

City of Victorville

14343 Civic Drive
Victorville, California 92393-5001
Contact Person: Carlos Seanez
Contact Phone No.: (760) 955-5162

County of San Bernardino

825 E. Third Street
Room 17
San Bernardino, California 92415-0835
Contact Person: Marc Rodabaugh
Contact Phone No.: (909) 387-8112

Appendix A

Meeting Sign-In Sheets





Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date:	09/26/13
Facilitator Tina Souza	Place/Room:	Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
Tina Souza	Hesperia	760-947-1474		tinaandians@msn.com
Rae Beimer	Apple Valley	714 788 6936		raebeimer@a caaprofessiona ls.
Angela Meluski	Westbond Communications	(909) 384-8188		Ameluski@westbond communications.com
MIKE TRUETT	SB COUNTY	909-387-8119		MTRUETT@DPW. SBCOUNTY.GOV
MARC RODABAUGH	SB County	909-387 8112		
CARLOS SEJANEZ	C.U.V	761- 955-5162		CSEJANEZ CI.VICTORVILLE.CA.US



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date: 10/24/13
Facilitator Tina Souza	Place/Room: Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
MARCE RODABAUGH	SB County	909-387-8112		marcerodabaugh@dps.sbcounty.gov
Tina Souza	Hesperia	760-947-1474		
Rae Beimer	Apple Valley	714 7886936		rae@applevalley.com
CAROL SEANOR	COV	760 985-5162		
MIKE TRUETT	SB County	909/387-8119		
Mary Dellavalle	Lahontan	760 241-7365 241-6583	760 241-7308	mdellavalle@waterboards.ca.gov



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date: 11/06/13
Facilitator Tina Souza	Place/Room: Victorville City Hall / Eng Conf Room 2

Name	Agency	Phone	Fax	E-Mail
MARC RODABAUGH	SBCFCO	909-387-8112		marc.rodabaugh@dpw.sbcounty.gov
Rae Beimer	Apple Valley	714 788 9360		raebeimer@aacaprofessionals.com
Tina Souza	Hesperia	760-947-1474		tsouza@cityofhesperia.us
Angela Meluski	Westbond Communications	909-384-8188		Ameluski@westbondcommunications.com
CRAIG SEARZ	C.D.V	760-677-0575		CSEARZ@VICTORVILLE.AZUS
MICHAEL TRUETT	SNY BERNARDINO COUNTY	909/387-8119		MTRUETT@DPW.SBCOUNTY.GOV

MIRWG THURSDAY, DEC 12, 2013

<u>NAME</u>	<u>Phone</u>	<u>email</u>
Marc Rodabaugh	909-387-8112	marc.rodabaugh@sbcounty.gov
SRI SRIRAJAN	909-387-8109	SSrirajan@sbcounty.gov
Carlos Seantz	760-617-0575	CSEANTZ@CI.VICTORVILLE.CA.US
Angela Meluski	(909)384-8188	ameluski@westbound - Communications.com
Tina Souza	(760)947-1474	tsouza@cityofhesperia.us

MRWG MONTHLY MEETING

1/23/14

NAME

PHONE

EMAIL

MARC A. RODABAUGH

909-387-8112

marc.rodabaugh@dpw.sbcounty.gov

Diana Torres

909-387-1862

diana.torres@dpw.sbcounty.gov

Tina Souza

760-947-1474

~~tsouza@cityofhesperia~~ tsouza@cityofhesperia

Rae Beimer

714-799-9330

raebeimer@caaprofessionals.com

Joseph Moon

760-240-7521

jmoon@AppleValley.org

CARLOS SEANZA

760-955-5162

CSEANZ@CITYOFHESPERIA.GOV



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date: 02/24/14
Facilitator Tina Souza	Place/Room: Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
MARC RODABAUGH	SBCFCD	909-387-8112		marc.rodabaugh@dpw.sbcounty.gov
Tina Souza	Hesperia	760-947-1474		tsouza@cityofhesperia.us
Rae Baiman	Apple Valley	714-788-6936		raebaiman@caaprofessionals.com
CARLOS SEBASTIAN	C.O.V.	960-955-5762		SEBASTIAN@CIVICVILLECA.GOV
STEPHAN LONGORIA	CoV	760-243-1946		SLONGORIA@CIVICVILLECA.CA.US
Angela Meluski	Westbammel	909-384-8188		Ameluski@westbammelcommunications.com



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date: 03/27/14
Facilitator Marc Rodabaugh	Place/Room: Hesperia City Hall / Joshua Room

Name	Agency	Phone	Fax	E-Mail
MARC RODABAUGH	SBCFCD	909-387-8112		marc.rodabaugh@dpw.sbcounty.gov
Tina Souza	Hesperia	760-947-1474		tsouza@cityofhesperia.us
Denis Wolcott	Westbound	213-220-1563		DWOLCOTT@TheWolcottCompany.com
Kelly Koehler	westbound	909-384-8188		kkoehler@westboundcommunications.com
Rae Beimer	Apple Valley	714-798-6936		raebeimer@caaprofessionals.com
Joseph Moon	Apple Valley	760-240-7521		Jmoon@AppleValley.org
CAOLOS SEANZ	C.D.V.	760-895-5162		CSEANZ@VICIUMWATERWAY
STEPHAN LONGORIA	CoV	760-243-1946		SLONGORIA@CI.VICTORVILLE.CA.US



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date: 04/23/14
Facilitator Marc Rodabaugh	Place/Room: County of San Bernardino Public Works – Room 200

Name	Agency	Phone	Fax	E-Mail
MARC RODABAUGH	SBCFCO	909-387-8112		marc.rodabaugh@dpw.sbcounty.gov
Rae Beimer	Town of Apple Valley	714 788 6936		raebeimer@caaprofessionals.com
Kelly Koehler	WB	909.936.1329		kkoehler@westboundcommunications.com
Denis Wolcott	WB	213 - 244-1563		DENIS@TheWolcottCompany.com
Joseph Moon	TOAV	760 240 7521		jmoon@AppleValley.org
Tina Souza	Hesperia	760 947-1474		tsouza@cityofhesperia.us
CARUS SEANEZ	CITY of V.V.	760 955-5162		CSEANEZ@CIVICGUILD.CA.US
Jehiel Cass	Lahontan	760-241-2934		jcass@waterboards.ca.gov
Mary Dellavalle	Lahontan	760 7365 241- 2413		marydellavalle@sbcglobal.net



Mojave River Watershed Group - Sign-In Sheet

Committee Meeting	Meeting Date: 05/27/14
Facilitator Marc Rodabaugh	Place/Room: Hesperia City Hall - Joshua Room

Name	Agency	Phone	Fax	E-Mail
MARCE RODABAUGH	SBCFCD	909- 387-8112		
Rae Beimer	Town of Apple Valley	714 7886936		
Joseph Moon	TOAV	760 240 7521		Jmoon@AppleValley.org
Kelly Kochler	WB	909-384- 8188		KKochler@ westbound communications. co
Angela Meluski	WB	909-384- 8188		Ameluski@ westboundcommuni- ties.com
Tina Souza	Hesperia	760-947- 1474		tsouza@cityof hesperia.us
Mary DellaValle	WB	760-241 7345		mdellaValle @waterboards.ca.gov
CARLOS SAAEZ	C.V.V	760- 955-5162		CSAAEZ@ VICTORIAUSCA.gov
STEPHAN LONGORIA	COV	760 955 5158		

Meeting notes June 25 2014

Meeting - conference call Jason Sabrina CWE

Tina Hesperia

Rae Apple Valley

Carlos Victorville

Marc - San Bernardino - absent

Angela - westbound communication

Landscape ordinance discussion

Have the city ordinance of development contradict the landscaping code?

Is this going to conflict, examples are curb on the perimeter of parking lot and also roof runoff.

CWE will draft for our review recommendations of various city codes should be modified to be compliant. CWE to recommend what codes needs to modify to be compliant to MS4. The permit requires a landscape code analysis. We need to demonstrate and upload to SMARTS.

We need to have a dated document showing MRWG and the cities has performed an effort and are compliant with this permit (E.12.J).

Rae Apple Valley

Tina Hesperia

Carlos Victorville

Direction - CWE to develop and draft a memo on the analysis of the landscaping ordinance.

Check to see if there are any BMP list for the development in the high desert, Tina to check notes to see if this was done.

task orders - IDDE, Receiving water monitoring,

Receiving water monitoring - spillway at the dam - upstream

Upper narrows - downstream location (suggested)

First year requirement is identifying the monitoring locations and to submit.

The IDDE manual is not a 1st year requirement -

Spill response plan must be completed this year - June 30th

The 3 task orders

Preparing IDDE manual

Landscape ordinance

Receiving monitoring plan

Appendix B

MRWG MOA and SIE Agreement



**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS
OF SAN BERNARDINO COUNTY, CALIFORNIA
AND RECORD OF ACTION**

February 25, 2014

FROM: GERRY NEWCOMBE, Director
Department of Public Works – Environmental & Construction

SUBJECT: MOJAVE RIVER WATERSHED GROUP IMPLEMENTATION AGREEMENT

RECOMMENDATION(S)

1. Approve the National Pollutant Discharge Elimination System Stormwater Permit Implementation **Agreement No.14-59** between the County of San Bernardino, the Town of Apple Valley, the City of Hesperia, and the City of Victorville.
2. Authorize the Director of Public Works to designate appropriate staff within the National Pollutant Discharge Elimination System Section as the authorized representative of San Bernardino County to participate on the Implementation Agreement's Management Committee and represent and vote on subsequent Mojave River Watershed Group budgets and all other program elements required throughout the duration of the Implementation Agreement.

(Presenter: Gerry Newcombe, Director, 387-7906)

BOARD OF SUPERVISORS COUNTY GOALS AND OBJECTIVES

Implement the Countywide Vision.

Operate in a Fiscally-Responsible and Business-Like Manner.

Provide for the Health and Social Services Needs of County Residents.

Pursue County Goals and Objectives by Working with Other Governmental Agencies.

FINANCIAL IMPACT

Approval of this item will not result in the use of additional Discretionary General Funding (Net County Cost). Based on the proposed activities, the total program budget for 2013-14 is \$153,022. The cost-share formula delineated within the Implementation Agreement is based on three main factors: (a) equal distribution base (40%), (b) population (30%), and (c) land area (30%). Costs are then allocated according to these percentages.

Based on the cost share formula, the County of San Bernardino's (County) percentage of the Mojave River Watershed Group (MRWG) program costs for 2013-14 will be 21.98% (\$33,634), the Town of Apple Valley is 23.90% (\$36,572), the City of Hesperia is 25.66% (\$39,266), and the City of Victorville is 28.46% (\$43,550).

Page 1 of 3

cc: PW/EMD-Rodabaugh w/ agree
Contractor c/o PW w/ agree
ATC-Accts Pay Mgr w/ agree
EBIX-BPO c/o Risk Mgmt
PW-Newcombe
Purchasing-Gomez
CAO-Brown
File - w/ agree
jll 02/27/14

ITEM 39

Record of Action of the Board of Supervisors

APPROVED (CONSENT CALENDAR)
COUNTY OF SAN BERNARDINO
Board of Supervisors

MOTION	MOVE	AYE	SECOND	AYE	AYE
	1	2	3	4	5

LAURA H. WELCH, CLERK OF THE BOARD

BY 

DATED: February 25, 2014

**MOJAVE RIVER WATERSHED GROUP IMPLEMENTATION AGREEMENT
FEBRUARY 25, 2014
PAGE 2 OF 3**

Since the entire National Pollutant Discharge Elimination System (NPDES) program is currently under the San Bernardino County Flood Control District (District) budget, all costs related to this agreement were included in the District's 2013-14 budget (RLG), but funded with Discretionary General Funding. The District will establish a new special revenue fund (RLD) to manage the program activities and track funding allocations from the General Fund and participating cities. The Agreement cost share formula and overall budget will be approved annually by the MRWG Management Committee.

BACKGROUND INFORMATION

This item will allow the County to enter into a cooperative agreement with the Town of Apple Valley, the City of Hesperia and the City of Victorville (collectively called the Member Agencies) and share the cost of implementing multiple NPDES MS4 Phase 2 Permit (Permit) required compliance activities. Although the Permit requirements are identical for each Member Agency, it was determined that cost savings can be realized for a number of the compliance activities if they were performed with the Member Agencies working as a single unit, rather than each Member Agency independently implementing its own program. Therefore, the County was designated as the Committee Facilitator to administer the program budget and the program activities recommended and approved by the Member Agencies.

The City Manager of each member agency, or any other person authorized by the member agency's governing board, shall appoint one regular and one alternate representative to the MRWG committee that is the most knowledgeable about the MS4 Permit Program. As the agreement does not identify a specific County official as the committee appointing authority, the Department recommends that the Board of Supervisors approve Recommendation No. 2 to authorize the Department Director to appoint NPDES Section staff to serve on the committee.

This item is aligned with the Board of Supervisors County Goals and Objectives as the Member Agencies will work together through this Agreement to implement the various Permit requirements, including those requirements that have impacts extending beyond the Department of Public Works, in the most cost-effective and efficient manner. Achieving and maintaining compliance with the Permit will protect the beneficial uses of the Mojave River Watershed, as well as assist the Member Agencies in complying with the Permit's requirements, thereby reducing the potential for incurring permit violations and significant fines and penalties.

The State Water Resources Control Board first adopted a General Permit for the Discharge of Stormwater from Small MS4s in 2003, and the Member Agencies had been working together voluntarily to implement the 2003 Permit requirements. On February 5, 2013, the State Water Resources Control Board adopted a revised General Permit for Waste Discharge Requirements for Storm Water Discharges from Small MS4 (Order No. 2013-0001-DWQ). The new Permit became effective on July 1, 2013, and contains a significantly expanded list of requirements for compliance. With the issuance of the renewed and expansive Permit, the Member Agencies wished to enter into a formalized agreement in order to share program costs to implement their respective NPDES programs where practical, so that collectively all Member Agencies might

MOJAVE RIVER WATERSHED GROUP IMPLEMENTATION AGREEMENT
FEBRUARY 25, 2014
PAGE 3 OF 3

reduce program costs and increase water quality improvements through cost sharing. This Agreement outlines the responsibilities of each Member Agency and funding contributions for the MRWG. Funding by each Member Agency will vary based on the projected costs for the fiscal year.

Unless extended by mutual agreement, the Implementation Agreement shall expire one year following expiration of the current Permit. In addition, the Implementation Agreement provides that each Member Agency may withdraw from the MRWG at any time, upon sixty calendar days' written notice to the Committee Facilitator. A withdrawing Member Agency will not be allowed a refund for their fiscal year program cost share incurred in the fiscal year in which they completed their formal withdrawal from the MRWG.

REVIEW BY OTHERS

This item has been reviewed by County Counsel (Scott M. Runyan, Deputy County Counsel, 387-5455) on January 31, 2014; the Purchasing Department (Leo Gomez, Buyer, 387-2063) on January 9, 2014; Finance (Jessica Brown, Administrative Analyst, 387-4919) on February 7, 2014; and County Finance and Administration (Mary Jane Olhasso, Assistant Executive Officer, 387-4599) on February 11, 2014.



County of San Bernardino

F A S

CONTRACT TRANSMITTAL

FOR COUNTY USE ONLY

<input checked="" type="checkbox"/> New	FAS Vendor Code		SC	Dept.	A	Contract Number 14-59			
<input type="checkbox"/> Change									
<input type="checkbox"/> Cancel									
ePro Vendor Number					ePro Contract Number				
County Department DPW/EMD/NPDES			Dept. 099	Orgn. 099	Contractor's License No.				
County Department Contract Representative Marc Rodabaugh, Stormwater Prgm Mgr (909)387-8109				Telephone		Total Contract Amount			
Contract Type <input type="checkbox"/> Revenue <input type="checkbox"/> Encumbered <input type="checkbox"/> Unencumbered <input checked="" type="checkbox"/> Other: Implementation Agreement									
If not encumbered or revenue contract type, provide reason:									
Commodity Code		Contract Start Date	Contract End Date	Original Amount	Amendment Amount				
Fund	Dept.	Organization	Appr.	Obj/Rev Source	GRC/PROJ/JOB No.	Amount			
Project Name				Estimated Payment Total by Fiscal Year					
NPDES Stormwater Permit Implementation Agreement,				FY	Amount	I/D	FY	Amount	I/D
SWRCB - Lahontan Region									
Order No. 2013-0001-DWQ									

CONTRACTOR Member Agencies: Cities of Hesperia and Victorville and Town of Apple Valley

Federal ID No. or Social Security No. _____

Contractor's Representative _____

Address _____ Phone () - _____

Nature of Contract: The State Water Resources Control Board issued a National Pollutant Discharge Elimination System (NPDES) Permit, Water Quality Order No. 2013-0001-DWQ, NPDES Permit No. CAS 000004 (Permit), on February 5, 2013. This Permit applies to small Municipal Separate Storm Sewer Systems (MS4) including the Cities of Hesperia and Victorville, the Town of Apple Valley, and urbanized areas of the unincorporated County of San Bernardino within the Mojave River Watershed. The Permit requires numerous complex compliance programs. To achieve compliance with the Permit in a cost-effective manner, the Member Agencies are voluntarily entering into this Implementation Agreement to work cooperatively as the Mojave River Watershed Group (MRWG) to develop and implement programs while sharing the costs. This Agreement outlines the responsibilities of each Member Agency and funding contributions for the MRWG. Funding by each Member Agency each fiscal year will vary based on the projected costs for the fiscal year. The Implementation Agreement is made a part of this contract.

(Attach this transmittal to all contracts not prepared on the "Standard Contract" form.)

Approved as to Legal Form – SEE ATTACHED SIGNATURE PAGES	Reviewed as to Contract Compliance – Grant Mann	Presented to BOS for Signature – Gerry Newcombe
County Counsel	Department Head	Department Head
Date _____	Date <u>2/3/14</u>	Date <u>2/10/14</u>

Auditor-Controller/Treasurer/Tax Collector Use Only

<input type="checkbox"/> Contract Database	<input type="checkbox"/> FAS
Input Date	Keyed By

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
STORMWATER PERMIT IMPLEMENTATION AGREEMENT
MOJAVE RIVER WATERSHED**

This Stormwater Permit Implementation Agreement (the "AGREEMENT") is made and entered into by and among the Town of Apple Valley, a municipal corporation ("APPLE VALLEY"), the City of Hesperia, a municipal corporation ("HESPERIA"), the City of Victorville, a municipal corporation ("VICTORVILLE"), and the County of San Bernardino, a political subdivision of the State of California (the "COUNTY").

APPLE VALLEY, HESPERIA, VICTORVILLE, and the COUNTY are hereinafter sometimes collectively or individually referred to as the "MEMBER AGENCIES" or as a "MEMBER AGENCY", respectively.

RECITALS:

WHEREAS, the regulations promulgated under the Federal Water Pollution Control Act (the "Clean Water Act" or "CWA") for Phase II of the U.S. Environmental Protection Agency ("EPA") Stormwater Program require small municipal separate storm sewer systems ("MS4") to obtain National Pollutant Discharge Elimination System ("NPDES") permits to regulate discharges to and from MS4s to surface waters; and

WHEREAS, regulations governing the small MS4 stormwater program were published in the Federal Register on December 8, 1999, as amended; and

WHEREAS, the EPA has delegated enforcement authority to the State of California and the Lahontan Regional Water Quality Control Board (the "REGIONAL BOARD"); and

WHEREAS, the State Water Resources Control Board (the "STATE BOARD") first adopted the Phase II General Permit for the Discharge of Stormwater from Small MS4s in 2003, Water Quality Order No. 2003-0005-DWQ/NPDES NO. CAS000004, and the BOARD renewed the permit on February 5, 2013, by adopting the General Permit for Waste Discharge Requirements for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems, Order No. 2013-0001-DWQ/, NPDES No. CAS000004, effective July 1, 2013 (the "GENERAL PERMIT"); and

WHEREAS, the MEMBER AGENCIES have already received coverage under the 2003 Phase II General Permit, and at the time of preparation of this AGREEMENT, the MEMBER AGENCIES are seeking coverage under the GENERAL PERMIT from the STATE BOARD; and

WHEREAS, the MEMBER AGENCIES now choose to enter into this AGREEMENT in order to share program costs to implement their respective NPDES

programs where practical, so that collectively all MEMBER AGENCIES might reduce program costs and increase water quality improvements through cost sharing; and

WHEREAS, it is the intent of the MEMBER AGENCIES, having chosen to enter into this AGREEMENT, to allow by later amendment of this AGREEMENT the introduction and inclusion of additional MS4 Phase II Public Agencies into the AGREEMENT as member agencies; and

WHEREAS, it is the intent of the MEMBER AGENCIES to define the conditions and procedures for cost sharing through the AGREEMENT.

NOW, THEREFORE, THE MEMBER AGENCIES MUTUALLY AGREE AS FOLLOWS:

Section 1. Creation of the Mojave River Watershed Group and Management Committee

The Mojave River Watershed Group (the "GROUP") is hereby created, consisting of the MEMBER AGENCIES. The GROUP shall be managed by a Management Committee (the "COMMITTEE").

Section 2. Management Committee

a. COMMITTEE Representatives. The City Manager of each MEMBER AGENCY, or any other person authorized by the MEMBER AGENCY's governing board shall appoint one regular representative to the COMMITTEE and one alternate representative to act in the absence of the regular representative. Concurrently with the execution of this AGREEMENT, each MEMBER AGENCY shall notify the FACILITATOR, as identified in Section 3, below, of its regular and alternative representatives. Each regular representative, or, if the regular representative is not available, his or her alternate representative, will participate in COMMITTEE meetings and provide support to the COMMITTEE as necessary.

b. Additional Public Agencies. The MEMBER AGENCIES acknowledge and agree that the effectiveness of the GROUP may be improved by the inclusion of additional Public Agencies. Upon approval by all MEMBER AGENCIES, additional Public Agencies may join the GROUP on such written terms and conditions as required by the COMMITTEE, including, but not limited to, the provisions of this AGREEMENT as well as agreed-upon cash contributions for past, present, and/or future work of the GROUP. Upon execution of a written amendment to this AGREEMENT signed by all MEMBER AGENCIES and such additional Public Agency, the additional Public Agency shall become a MEMBER AGENCY and shall appoint its COMMITTEE representatives as provided in Section 2.a. above.

c. Advisory Members. The COMMITTEE may, from time to time, seek the input of a regulatory or special interest agency or agencies, which shall serve the COMMITTEE as an advisory member ("ADVISORY MEMBER"). ADVISORY MEMBERS may be appointed and may be removed at any time and for any reason by a majority vote of the COMMITTEE representatives present at the meeting. An ADVISORY MEMBER shall have no obligation to provide funding and shall have no voting privileges.

d. The REGIONAL BOARD is hereby appointed as an ADVISORY MEMBER.

e. Sub-Committees. The COMMITTEE may establish sub-committees and appoint their members by a majority vote of the COMMITTEE representatives present at the meeting, which shall serve at the pleasure of the COMMITTEE.

Section 3. Committee Facilitator

a. Unless removed or replaced pursuant to Section 3.b., the COUNTY is designated as the Committee Facilitator (the "FACILITATOR"). The costs incurred by the FACILITATOR will be included as part of the expenditures of the COMMITTEE, as provided for in the budget to be approved under Section 8 hereof. FACILITATOR shall organize and facilitate COMMITTEE meetings and annual workshop and shall perform secretarial, clerical, and administrative services in support of such meetings and workshop.

b. The FACILITATOR may be removed or replaced by a majority vote of all representatives on the COMMITTEE and subsequent amendment of this AGREEMENT.

Section 4. Meetings of the Committee

a. Frequency and Location. Regular meetings shall be held at least once a month at locations and times determined by the COMMITTEE. Special meetings may be called at the request of any COMMITTEE representative. The first COMMITTEE meeting shall be held at the City of Hesperia, City Hall, at 1:30 PM on the third Thursday of the month immediately following approval of this AGREEMENT by all MEMBER AGENCIES, at which time the COMMITTEE will select the time and location for holding subsequent regular meetings.

b. Quorum and Voting. A majority of all the COMMITTEE representatives shall constitute a quorum. Except as otherwise required herein, actions of the COMMITTEE shall be passed and adopted upon the affirmative vote of a simple majority of the COMMITTEE representatives in attendance. One COMMITTEE

representative in attendance from each MEMBER AGENCY shall have voting rights. An ADVISORY MEMBER shall not vote. The COMMITTEE may adopt such additional rules and regulations as may be required for the conduct of its meetings and affairs, provided such rules and regulations do not conflict with this AGREEMENT and are in compliance with all applicable federal, state, and local laws and regulations.

c. Meeting Agenda and Minutes. The FACILITATOR shall prepare an agenda and keep, or cause to be kept, minutes of the COMMITTEE meetings, and any materials presented to the COMMITTEE. Copies of said documents shall be made available to the COMMITTEE representatives and upon written request to the FACILITATOR, each ADVISORY MEMBER.

Section 5. Notices

Formal notices provided under this AGREEMENT shall be personally delivered or mailed to the COMMITTEE representatives and the ADVISORY MEMBERS. Address changes for such notices or other communications shall be delivered or mailed to the FACILITATOR for distribution to all appropriate parties.

Section 6. Duties of Committee Membership

a. Program Implementation. Using resources available to the GROUP, which resources include the staff of any MEMBER AGENCY and any consultants, contractors, and vendors hired by a MEMBER AGENCY, the COMMITTEE may perform activities to assist MEMBER AGENCIES in completing their GENERAL PERMIT compliance requirements, including, but not limited to, the following activities:

1. Establish goals, needs and priorities;
2. Develop implementation strategies and plans;
3. Develop comment letters regarding stormwater regulations;
4. Develop model ordinance, policy and compliance documents;
5. Review and provide comments on all studies, reports, request for proposals, proposals, and other documents;
6. Evaluate, prepare and submit grant proposals;
7. Develop model municipal staff training materials and organize training events;
8. Prepare projected budget documents;
9. Prepare annual reports;

10. Assist in the development of annual workshop presentation;
11. Develop and implement a public education and outreach program;
12. Develop and implement monitoring and sampling programs.

b. Notwithstanding anything provided herein, each MEMBER AGENCY is individually responsible for implementing all GENERAL PERMIT requirements within their respective jurisdictions. The COMMITTEE shall not be responsible for ensuring the requirements of the GENERAL PERMIT are implemented on behalf of any MEMBER AGENCY or for ensuring that any MEMBER AGENCY implements programs consistent with the GENERAL PERMIT or recommendations of the COMMITTEE. No MEMBER AGENCY shall be responsible for ensuring the requirements of the GENERAL PERMIT or the recommendations of the COMMITTEE are implemented by any other MEMBER AGENCY. Likewise, nothing provided herein shall change the fact that each MEMBER AGENCY is individually responsible for any and all claims, including but not limited to claims arising under Section 13385 of the Water Code, actions, losses, damages, fines or penalties arising out of its duty to comply with the GENERAL PERMIT within its jurisdiction. This provision shall survive termination of the AGREEMENT, or an individual MEMBER AGENCY's termination from the AGREEMENT.

c. Regarding Section 6.a.6. of the AGREEMENT, the FACILITATOR shall act as the administrator for grant funds awarded through any grant process if allowed by the awarding agency.

Section 7. Cost Share Determination

a. For the fiscal year 2013-2014 and subsequent fiscal years, each MEMBER AGENCY's cost share shall be determined annually according to the methodology provided in Appendix A to this AGREEMENT.

b. Beginning in fiscal year 2014-2015, the FACILITATOR shall prepare and submit a proposed updated cost share percentage, according to the cost sharing plan contained in Appendix A, to each of the COMMITTEE representatives by October 1st prior to the start of the fiscal year. Each COMMITTEE representative shall have forty-five (45) calendar days to approve or object to the FACILITATOR's proposed cost share determination in writing. If the FACILITATOR receives no objections within forty-five (45) calendar days, the proposed cost share percentages shall be considered final and approved. In the event an objection is filed, the basis of the objection shall be presented to the COMMITTEE at the next scheduled meeting if the objection is filed fifteen (15) calendar days before that meeting, otherwise the objection will be scheduled on the following meeting, for consideration by the COMMITTEE. Any change to the proposed

cost share percentage shall require approval by a three-fourths (3/4) vote of the COMMITTEE representatives present at the meeting.

Section 8. Budgets

a. The FACILITATOR shall prepare and implement an annual operating budget with the participation of the COMMITTEE. The budget year shall coincide with the fiscal year of the COUNTY, July 1st through June 30th.

b. The FACILITATOR shall prepare and submit an annual operating budget for the GROUP for forthcoming fiscal year to each COMMITTEE representative for review by October 1st of each year. Each COMMITTEE representative shall have 60 days for review.

c. During the review period, the COMMITTEE representatives may provide written comments on the budget to the FACILITATOR. The COMMITTEE will consider the written comments and will approve a final budget no later than January 30th of each year. An affirmative response from a majority of the total number of COMMITTEE representatives present at the meeting is required for approval.

d. The budget shall include all anticipated costs and fees for any scope(s) of work developed by the COMMITTEE for the next fiscal year. Costs shall include costs and fees for any consultants or contractors to complete the anticipated scope(s) of work, the cost of materials to be distributed to the public or among the MEMBER AGENCIES, other direct costs, and the administrative costs (actual hourly rate, plus overhead) and expenses to be incurred by the FACILITATOR during the course of performing administrative duties on behalf of the GROUP, and costs incurred by the COUNTY in carrying out activities described in Sections 9, 10 and 11 of this AGREEMENT. The budget shall include a detailed description of all work to be accomplished in the next fiscal year.

e. Financial contributions funding the final budget shall be made by each MEMBER AGENCY according to the cost sharing determination prepared in Section 7 above.

f. The FACILITATOR will prepare and submit a proposed GROUP operating budget for fiscal year 2013-2014 at the first meeting, as specified in Section 4.a. of this AGREEMENT, to the COMMITTEE representatives for review and approval. The review period shall begin on the first business day following the first meeting and conclude thirty (30) calendar days thereafter. During the review period, the COMMITTEE representatives may provide written comments on the budget to the FACILITATOR. The COMMITTEE will consider the draft budget for approval at a subsequent meeting following the conclusion of the thirty (30) calendar day review period. An affirmative

response from a majority of the COMMITTEE representatives present at the meeting is required for approval.

Section 9. Contracting

a. The COUNTY shall contract with all consultants, vendors or other entities, as recommended and approved by the COMMITTEE. The GROUP understands and agrees that the COUNTY's Board of Supervisors, or Board designee, has the sole discretion to approve or disapprove said contracts.

b. The hiring of consultants or contractors, as necessary, to complete a scope of work that has been funded by the final budget shall be in conformance with all standards and regulations established by the COUNTY.

c. Any service contract procured by COUNTY under Section 9.a. shall include a provision that requires: (1) the consultants, vendors or other entities to indemnify and hold harmless all of the MEMBER AGENCIES; (2) the MEMBER AGENCIES to be named as Additional Insureds for all COUNTY-required insurance policies except for Workers' Compensation, Errors and Omissions and Professional Liability policies; and (3) the provision of a Certificate of Insurance to the County evidencing the insurance coverage. This Section 9.c. is only applicable to parties to the AGREEMENT that are MEMBER AGENCIES at the time the COUNTY approves and executes the service contract.

Section 10. Accounting

a. The responsibilities for payment of all approved budgeted shared costs of materials and services shall be distributed among the MEMBER AGENCIES in accordance with Sections 7 and 8, above.

b. The financial responsibility for this AGREEMENT will be effective on the date this AGREEMENT takes effect.

c. Within sixty (60) calendar days of approval of the fiscal year 2013-14 budget by the COMMITTEE, the COUNTY shall invoice each MEMBER AGENCY for their annual cost share for fiscal year 2013-14. Each MEMBER AGENCY shall pay to the COUNTY their cost share within thirty (30) calendar days of the date of the invoice.

d. Thereafter, the COUNTY shall invoice each MEMBER AGENCY for its annual cost share on, or after, July 1st, the start of each fiscal year. Each MEMBER AGENCY shall pay their cost share within thirty (30) calendar days of the date of the invoice. Each MEMBER AGENCY's payment shall be based on their prorated share of

the approved annual budget, reduced for any surplus identified in the prior fiscal year-end accounting.

e. The COUNTY shall place all funds received from MEMBER AGENCIES, and any other entities electing to fund work planned by the COMMITTEE, in a separate account. The COUNTY shall draw from this account to pay obligations and work approved by the COMMITTEE. Consistent with the final budget, the COUNTY may draw funds from this account to pay the COUNTY administrative costs. The COUNTY shall provide financial statements to COMMITTEE representatives showing the funds placed in the account (including interest earnings), the funds disbursed from the account, the payee of such funds, the work performed with such funds, the date(s) funds were disbursed, the remaining funds in the account, and the status of the prior fiscal year in the fiscal year-end accounting pursuant to Section 10.f. Upon written request from a COMMITTEE representative, the COUNTY shall provide financial statements to COMMITTEE representatives indicating the status of the current fiscal year.

f. The COUNTY shall prepare a fiscal year-end accounting within ninety (90) calendar days after the end of each fiscal year and distribute copies to the MEMBER AGENCIES for their review. MEMBER AGENCIES shall have forty-five (45) calendar days from the date of their receipt of the fiscal year-end accounting to dispute in writing or concur with the findings. If the cost share payments (including interest earnings) exceed costs during the corresponding fiscal year, the excess funds will carry forward to reduce the billings for the following fiscal year. If, however, the fiscal year program costs exceed the sum of the cost share payments, the COUNTY shall submit invoices to the MEMBER AGENCIES to recover the deficit. The share for each MEMBER AGENCY shall be prorated. Each MEMBER AGENCY shall pay the invoice within sixty (60) calendar days of the date of the invoice.

g. Upon termination of this AGREEMENT, a final accounting shall be performed by the COUNTY. If costs exceed the sum of the cost share payments (including interest earnings), the COUNTY shall invoice each MEMBER AGENCY for its prorated share of the excess. Each MEMBER AGENCY shall pay the invoice within sixty (60) calendar days of the date of the invoice. If the sum of the cost share payments (including interest earnings) exceed the costs, the COUNTY shall reimburse to each MEMBER AGENCY its prorated share of the excess (including any interest earnings remaining), within sixty (60) calendar days of the final accounting.

Section 11. Duration of Agreement

a. Unless otherwise extended by mutual agreement of the MEMBER AGENCIES, the AGREEMENT shall expire one year following expiration of the

GENERAL PERMIT, inclusive of any administrative continuances pursuant to section 122.6 of Title 40 of the Code of Federal Regulations, or at such time as the Clean Water Act or the REGIONAL BOARD cease to mandate compliance with the GENERAL PERMIT, whichever occurs first. Notwithstanding the foregoing, each MEMBER AGENCY reserves the right to withdraw from the GROUP at anytime, upon sixty (60) calendar days' written notice to the FACILITATOR. COMMITTEE projects or reports shall be fully funded by the MEMBER AGENCIES at the time the projects or studies are approved by the COMMITTEE for implementation.

b. A withdrawing MEMBER AGENCY will not be allowed refunds for their fiscal year program cost share incurred in the fiscal year in which the MEMBER AGENCY completed their formal withdrawal from the GROUP.

c. If any budgeted funds remain after the completion of the year-end accounting (Section 10.f.) for the fiscal year in which the MEMBER AGENCY completed their formal withdrawal from the GROUP, the MEMBER AGENCY will receive their prorated portion of the excess deposits. The deposit shall be paid to the withdrawn MEMBER AGENCY within sixty (60) calendar days following the completion of the year-end accounting task (Section 10.f.). If costs exceed the sum of the cost share payments (including interest earnings), the COUNTY shall invoice the MEMBER AGENCY for its prorated share of the excess. The MEMBER AGENCY shall pay the invoice within sixty (60) calendar days of the date of the invoice.

Section 12. Ownership of Documents

All work or deliverables produced, including, but not limited to, originals prepared by anyone in connection with, or pertaining to, the work of the GROUP, shall become the property in whole and in part of each MEMBER AGENCY, jointly and severally.

Section 13. Assignment

No right, duty, or obligation of whatever kind or nature created herein shall be assigned without the prior written consent of the MEMBER AGENCIES.

Section 14. Effective Date

This AGREEMENT shall become effective when it has been executed by all MEMBER AGENCIES.

Section 15. Counterparts

This AGREEMENT may be executed in original counterparts, which together shall constitute a single AGREEMENT.

Section 16. Relationship of the Parties

This AGREEMENT is not intended and shall not be construed so as to create the relationship of agent, servant, employee, partnership, joint venture, or association, as among the MEMBER AGENCIES, or as between the MEMBER AGENCIES.

Section 17. Waiver Of Rights

The failure by the MEMBER AGENCIES to insist upon strict performance of any of the terms, covenants, or conditions of this AGREEMENT shall not be deemed a waiver of any right or remedy that the MEMBER AGENCIES may have, and shall not be deemed a waiver of the right to require strict performance of all the terms, covenants, and conditions of this AGREEMENT thereafter, nor a waiver of any remedy for the subsequent breach or default of any term, covenant, or condition of this AGREEMENT.

Section 18. Severability

If any part of this AGREEMENT is held, determined, or adjudicated to be illegal, void, or unenforceable by a court of competent jurisdiction, the remainder of this AGREEMENT shall be given effect to the fullest extent reasonably possible.

Section 19. Amendment

It is mutually understood and agreed that no addition to, alteration of, or variation of the terms of this AGREEMENT, nor any oral understanding or agreement not incorporated herein, shall be valid unless made in writing, approved by all MEMBER AGENCIES, and executed.

Section 20. Entire Agreement

This document sets forth the entire AGREEMENT between the MEMBER AGENCIES.

Section 21. Recitals

The above recitals are true and correct, and are hereby incorporated into this AGREEMENT by this reference.

Section 22. Legal Action/Costs/Attorney Fees

Where any legal action is necessary to declare any party's rights hereunder or enforce any provision hereof for any damages by reason of an alleged breach of any provisions of this AGREEMENT, each party shall bear its own attorney's fees and costs incurred in conjunction with such legal action regardless of who is found to be the prevailing party. This section shall not apply to those costs and attorney's fees arising from any third party legal action against a party hereto and payable under Section 25, Indemnification and Insurance.

Section 23. No Separate Entity

This AGREEMENT established a framework for MEMBER AGENCIES cooperation on storm water issues. Nothing in this AGREEMENT shall be construed to create an entity separate from the public agencies that join in this cooperative effort.

Section 24. Governing Law

This AGREEMENT will be governed and construed in accordance with laws of the State of California. Any legal action which arises out of or is in any way related to this AGREEMENT shall be brought in the Superior Court of the County of San Bernardino.

Section 25. Indemnification and Insurance

Each party shall indemnify, defend, and hold harmless the other parties to this AGREEMENT from and against any and all liability and expense arising from any act or omission of the indemnifying party, its authorized officers, employees, agents, and volunteers in connection with the performance of this AGREEMENT, including, but not limited to reasonable defense costs, reasonable legal fees, claims, actions, damages, liability, and causes of action for damages of any nature whatsoever; provided however, that no party shall indemnify another party for that party's own negligence or willful misconduct. In the event a party, or parties, to this AGREEMENT is/are found to be comparatively at fault for any claim, action, loss or damage which results from their respective obligations under this AGREEMENT, the party, or parties shall indemnify the other party/parties to the extent of its/their comparative fault. Furthermore, if a party

attempts to seek recovery from the other for Workers' Compensation benefits paid to an employee, the parties agree that any alleged negligence of the employee shall not be construed against the employer of that employee. The parties to this AGREEMENT are authorized self-insured public entities for purposes of Professional Liability, Automobile Liability, General Liability, and Workers' Compensation and warrant that through their programs of self-insurance, they have adequate coverage or resources to protect against liabilities arising out of their performance under this AGREEMENT. This provision shall survive termination of the AGREEMENT, or an individual MEMBER AGENCY's termination from the AGREEMENT.

Section 26. Breach

Failure to comply with the terms of this AGREEMENT is a breach of this AGREEMENT. If a breach is not cured within ninety (90) days after receiving a notice to cure the breach by a party to this AGREEMENT, the party in breach may be terminated from this AGREEMENT by a majority vote of the COMMITTEE.

Section 27. Notices

All notices shall be deemed duly given if delivered by hand; or five (5) working days after deposit in the U.S. Mail, certified mail, return receipt requested.

[END OF THIS PAGE]

IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT on the dates opposite their respective signatures.

CITY OF HESPERIA, a
municipal corporation

DATE: 1/21/14

BY: Thurston Smith
Thurston Smith, Mayor

SIGNED AND CERTIFIED THAT A COPY OF
THIS DOCUMENT HAS BEEN DELIVERED TO
THE MAYOR

Melinda S
Melinda Sayre-Castro
City Clerk
City of Hesperia, California

APPROVED AS TO FORM
City Attorney

BY Eric L. Dunn
~~Deputy~~
Eric L. Dunn

DATE: JAN 21, 2014

IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT on the dates opposite their respective signatures.

CITY OF VICTORVILLE,
a municipal corporation

DATE: 1-15-14

BY: James L. Cox
James L. Cox, Mayor

SIGNED AND CERTIFIED THAT A COPY OF
THIS DOCUMENT HAS BEEN DELIVERED TO
THE CHAIR OF THE BOARD

Carlee Bates
Carolee Bates
City Clerk
City of Victorville, California

APPROVED AS TO FORM
City Attorney

BY: [Signature]
~~Deputy~~

DATE: 1-15-14

[Signature]

DATE: 1/7/14

Charles Buquet, Risk Manager


IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT on the dates opposite their respective signatures.

TOWN OF APPLE VALLEY,
A municipal corporation

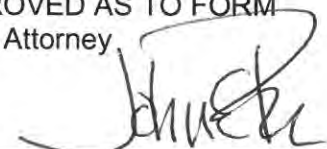
DATE: 11-12-2013

BY: 
Curt Emick, Mayor

SIGNED AND CERTIFIED THAT A COPY OF
THIS DOCUMENT HAS BEEN DELIVERED TO
THE CHAIR OF THE BOARD



LaVonda Murphy-Pearson, CMC
Town Clerk
Town of Apple Valley, California

APPROVED AS TO FORM
Town Attorney


BY _____ DATE: 11-12-2013

IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT on the dates opposite their respective signatures.

COUNTY OF SAN BERNARDINO,
a political subdivision of the State of California

DATE: FEB 25 2014

BY: Janice Rutherford
Janice Rutherford, Chair, Board of Supervisors

SIGNED AND CERTIFIED THAT A COPY OF
THIS DOCUMENT HAS BEEN DELIVERED TO
THE CHAIR OF THE BOARD

Laura H. Welch
Clerk of the Board of Supervisors
County of San Bernardino

By: Jennifer Luna
Deputy

APPROVED AS TO FORM
County Counsel

BY: Scott Runyan
Scott Runyan, Deputy

DATE: 1-31-14

APPENDIX A
COST SHARING PLAN

A. The MEMBER AGENCIES collectively, shall pay the approved total annual cost, as set forth in Sections 7 and 8, pursuant to the formulae set forth in Paragraphs B and C, below.

B. The MEMBER AGENCY's total annual program cost share (PCS_i) shall be calculated using three cost factors:

1. *Base*, which represents the percentage of the program costs equally applied to all MEMBER AGENCIES. The base (B) fraction is calculated as follows:

$$B = 1/N, \text{ where } N = \text{number of MEMBER AGENCIES}$$

2. *Relative Population*, which represents the percentage of the program costs based on the relative population of each MEMBER AGENCY. Relative population (RP) of each MEMBER AGENCY shall be calculated annually from annual population estimates issued by the California Department of Finance (E-1 Table).

$$RP_i = (P_i/P_{\text{total}}), \text{ where}$$

RP_i = relative population of MEMBER AGENCY(i)

P_i = population of MEMBER AGENCY(i)

P_{total} = total population for area covered by the GENERAL PERMIT

3. *Relative Land Area*, which represents the percentage of the program costs based on the relative land area of each MEMBER AGENCY. Relative Land Area (RLA) shall be calculated as follows:

- a. The calculation of relative land area within each MEMBER AGENCY's jurisdiction shall exclude land under tribal, state or federal jurisdiction, or any land excluded by the State Water Resources Control Board. Any MEMBER seeking to exclude lands under this Section shall specifically request that exclusion from the COMMITTEE by providing the request in writing along with necessary documentation no later than September 1st to be considered for inclusion in the next year's annual budget. The requesting MEMBER AGENCY has the burden of proving entitlement to any exemption so requested. The COMMITTEE shall approve such exclusion by a simple majority vote of all MEMBER AGENCIES.

- b. The method for calculating relative land area shall be determined from the Assessor's Parcel data provided by the COUNTY Information Services Department.

$$RLA_i = (L_i/L_{\text{total}}), \text{ where}$$

RLA_i = relative land area of MEMBER AGENCY(i)
 E = land area of MEMBER (i), less excluded lands
 L_{total} = total land area under permit jurisdiction

C. The MEMBER AGENCY's total annual program cost share (PCS_i) is calculated as follows:

$$PCS_i = [(B * X_i * AB_i) + (RP_i * Y_i * AB_i) + (RLA_i * Z_i * AB_i)]$$

Where,

PCS_i = MEMBER AGENCY's cost share
 AB_i = Annual budget approved by the GROUP

B = Base fraction for each MEMBER AGENCY
 X_i = Percentage apportioned to the base for PC

RP_i = Relative population of MEMBER AGENCY(i)
 Y_i = Percentage apportioned to relative population for PC

RLA_i = Relative land area of the MEMBER AGENCY(i)
 Z_i = Percentage apportioned to relative land are for PC

Table 1. Budget Year [DATE]			
	Percent of the Program Cost Apportioned to each Cost Factor		
	Base (X _i)	Relative Population (Y _i)	Relative Land Area (Z _i)
Program Cost (PC)	40%	30%	30%



Purchasing Department
Master Blanket Purchase Order

PO Number: 130794

Please include this number on all invoices and correspondence.

VENDOR		DEPARTMENT	
ePro Vendor Number	00002381	Department	Public Works - Land Development & Contracts
FAS Vendor Code	CALIFOR568	Ship To Address	EMD Office 825 E Third St., Room 201 San Bernardino, CA 92415-0835
Vendor Name	CWE	Bill To Address	EMD Office 825 E Third St., Room 201 San Bernardino, CA 92415-0835
Address	1561 E. Orangethorpe Avenue Suite 240 Fullerton, CA 92831		
Phone	714-526-7500		

Requisition Number **RPWG1131348** **PO Status** **Sent**

PURCHASE ORDER INFORMATION

Purchaser	Christine Plasting	Payment Terms	Net 30
Bid Number		Freight Terms	Contained within
Work Order	01H14332	Shipping Method	Contained within
Type Code	Professional Service	Shipping Terms	Contained within
PO Date	8/15/2012	Partial Pay	Yes
Encumbrance	N		

Attachments ARRA.pdf TERMS AND CONDITIONS.pdf

ITEM	COMM CODE	DESCRIPTION	QTY	UNIT	UNIT PRICE	DISC	TAX	TOTAL
1.0	-	To Provide On-Call Reporting and Engineering Services As per Proposal response DPW12-015	0.00		\$ 0.00000	\$ 0.00	\$ 0.00	\$ 0.00
3.0	925-36	On-Call Reporting and Engineering Services rendered As per Proposal response DPW12-015 Invoice #	1.00	LOT	\$ 0.00000	\$ 0.00	\$ 0.00	\$ 0.00
2.0	-	PROFESSIONAL LIABILITY INSURANCE IS REQUIRED FOR ALL CONSULTANTS AND PROFESSIONAL SERVICE PURCHASE ORDERS. SEE ATTACHED "TERMS AND CONDITIONS" FOR ADDITIONAL INFORMATION.	0.00		\$ 0.00000	\$ 0.00	\$ 0.00	\$ 0.00
TOTAL								\$ 0.00

APPROVED:

BY: Laurie Rozko, Director of Purchasing

Appendix C

Spill Response Plans



Town of Apple Valley Spill Response Plan

Introduction

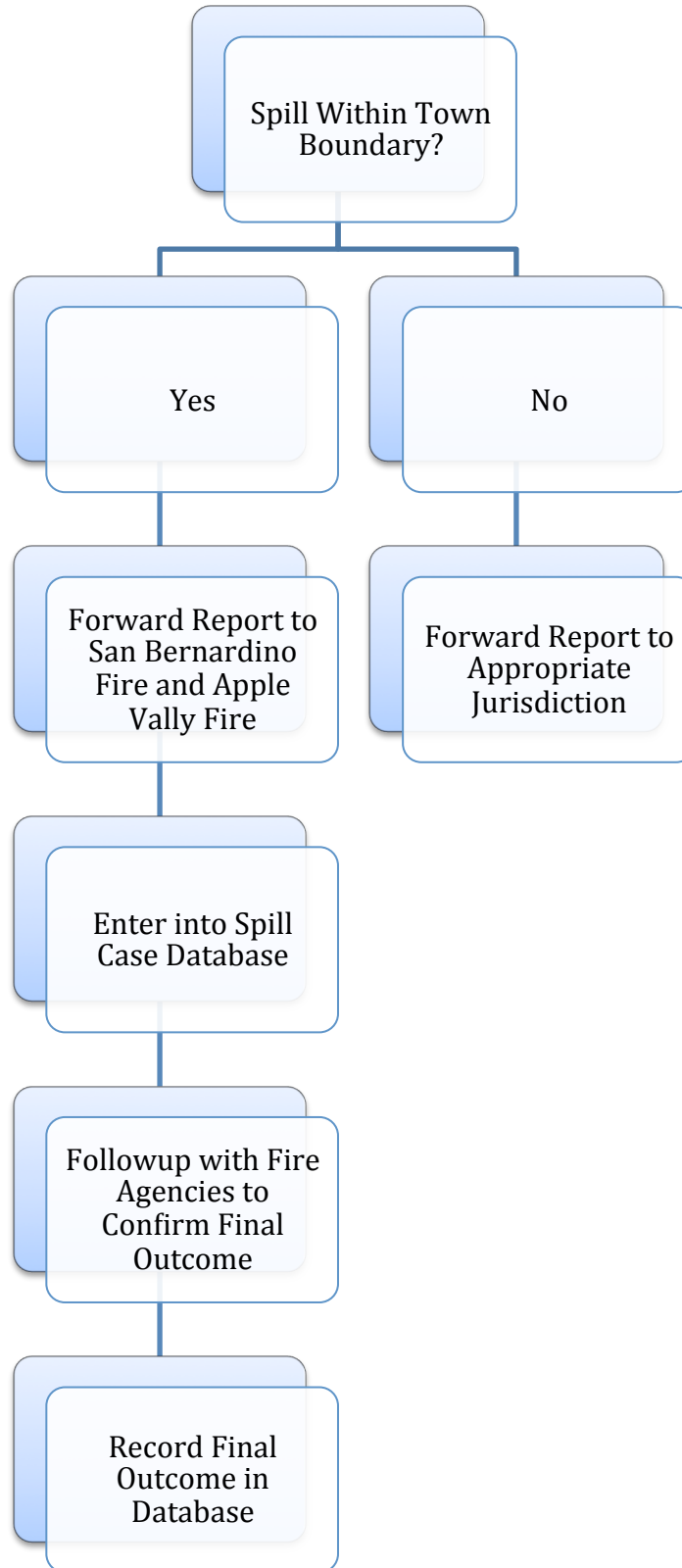
On February 5, 2013 the State Water Resources Control Board adopted the General Permit for Waste Discharge Requirements (WDRs) for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s), Order No. 2013-0001-DWQ (Order). The effective date of the Order was July 1, 2013. A component of the WDRs is that the Permittee (Town of Apple Valley) shall develop and implement a spill response plan within the first year of the effective date of the Order. This plan was developed in accordance with the adopted Order.

Agency Roles, Responsibilities and Contact Information

Public Works Manager	Initial Point of Contact	760.240.7000 ext. 7500
Code Enforcement Officer	Initial Point of Contact Notifies appropriate agencies	760.240.7000 ext. 7560
Special Projects Manager	Maintains database of reported spills and final outcomes	760.240.7000 ext. 7521
San Bernardino Fire Department Hazardous Materials Division	Upon receipt of spill notification from the Town, enact protocol outlined in Hazardous Waste Operations Manual and Area Plan.	620 South "E" Street San Bernardino, CA 92415 Mike Horton, Fire Marshal Phone: 909.386.8401 Fax: 909.386.8460 Curtis Brundage, Interim Supervisor Phone: 909.386.8430 24 hour Release reporting: 1.800.33TOXIC or 909.386.8425
Apple Valley Fire Protection District	Upon receipt of spill notification from the Town, enact protocol outlined in Hazardous Waste Operations Manual.	22400 Headquarters Drive Apple Valley, CA 92307 Sid Hultquist, Fire Chief Phone: 760.247.7618 Fax: 760.247.3895

Town of Apple Valley Spill Response Plan

Spill Response Procedure for Town Staff Upon Receipt of Notification





*City of
Hesperia*

Spill Response Plan

I. Purpose

The City of Hesperia, Hesperia Water District and its subsidiary agencies are collectively hereinafter referred to as “City” for the purpose of this document. This Spill Response Plan establishes responsibilities, policies, and procedures for City employees and/or its representatives responding to hazardous materials, sewage, and other pollutant spill or discharge incidents. Policies and procedures are required to ensure the safety, health, and welfare of employees, representatives, citizens, public and private property, and the environment.

Departments and/or Divisions responding to spill or discharge incidents are authorized to develop further standard operating guidance and/or checklists based on the provisions herein.

II. Objectives

The objective of the Spill Response Plan is to comply with State Water Resources Control Board (SWRCB) waste discharge requirements for stormwater discharges from small municipal separate storm sewer systems (MS4s) Phase II General Permit.

Specifically, the objectives are to:

1. Characterize roles and responsibilities;
2. Identify procedures for responding to complaints;
3. Portray how investigations are to be conducted;
4. Establish how clean-up is initiated or conducted;
5. Depict how reporting is completed and what information is required.

In the event of a spill or discharge incident, employees should follow this spill response plan as well as refer to the Spill Response Flow Chart in Appendix A.

III. Spill Response

When responding to a pollutant spill or discharge, the goal is to safely identify the material, contain the spill or discharge in order to minimize the effects to life, health and the environment, and mitigate the spill or discharge.

Reports or complaints from the public should be directed to Public Works at (760) 947-1400. Respond promptly to any reports or complaints received.

If an employee encounters a spill or discharge incident, whether on public or private property, staff should take the following action:

1. Employees from non-Public Works Departments or Divisions - **report the spill or discharge to Public Works – (760) 947-1400** for further assessment.
2. Public Works employees, immediately notify supervisor.

3. If the **material cannot be positively identified** from no closer than 100 feet in distance or **there is any indication that the material is hazardous, call the San Bernardino County Fire Department – 911.**
4. Move upwind of the material and stay a fitting distance away from the spill or discharge.
5. Secure the area to prevent the public from entering a potentially hazardous area and keep the public a fitting distance from the material using traffic control devices, warning tape, flags, or other devices. **Do not use flares.**
6. Wait for instruction from the Fire Department and supervisor on how to proceed.
7. Do not take direction regarding identifying or cleaning up hazardous materials, chemicals or unknown materials from unauthorized individuals.
8. No employee is authorized to clean up spills that have not been identified.

If an employee can positively identify the spill or discharge (liquid or solid material) by visual inspection from no closer than 100 feet in distance, an employee may conduct spill containment and/or clean-up only if all of the following conditions are met:

1. The employee is able to determine that the spill or discharge is not hazardous material without jeopardizing safety.
2. The employee considers themselves prepared and trained to respond to the specific spill or discharge.
3. Proper spill containment and/or clean-up materials and equipment are available to safely mitigate the incident.
4. The spill or discharge is not on private property.

Once Public Works performs the initial investigation, if it is determined that the spill or discharge is **on private property, Public Works should contact Code Enforcement at (760) 947-1343** for enforcement action.

IV. Spill Source

Determining the source of the spill or discharge allows for proper abatement of the incident and may mitigate future occurrences of spills and discharges to ground surface, streets, storm drains, drainage channels, or sewers. Incidents where the source of the material is not evident require further investigation. If the source of the incident is not plainly visible, employees should:

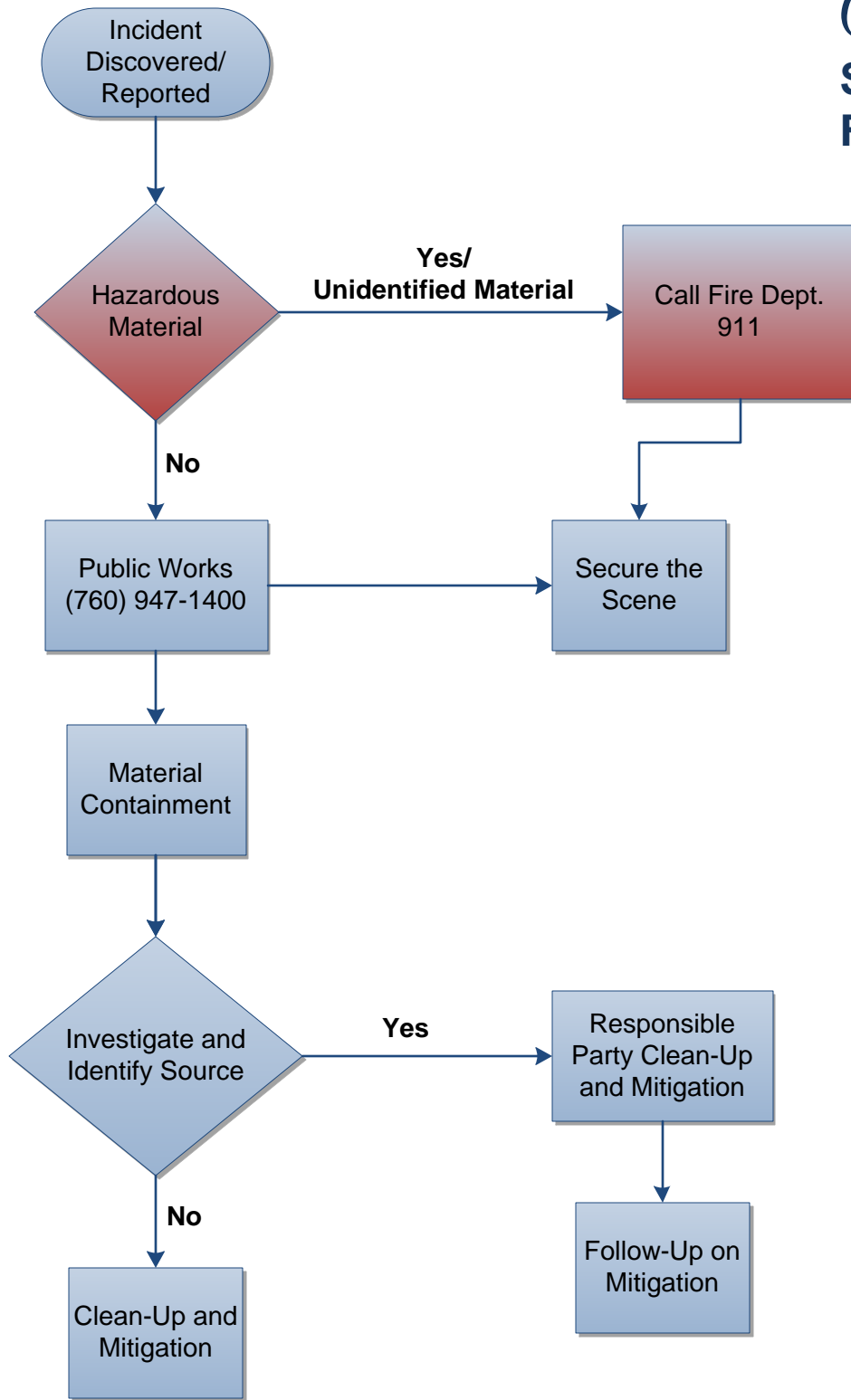
1. Attempt to identify the potential source of the spill or discharge.
2. Attempt to track the spill or discharge to the source.
3. If the source is determined, utilize education and/or enforcement when warranted.
4. If a spill or discharge source is identified, require clean-up and abatement of the material by the responsible party.
5. Follow-up to ensure that the spill or discharge has been mitigated.

Maintain record of spill or discharge response in the applicable Department or Division Data Base Management System and any corresponding documents in accordance with the City's Record Retention Policies. At minimum, the information should include to following:

1. Date of incident
2. Type of spill or discharge if positively identified by either Public Works or the Fire Department.
3. If a source was identified and the location of the source
4. The party providing the clean-up and mitigation (City, Fire Department, or other responsible party).
5. Dates of follow-up (if required) and the clean-up and mitigation status.

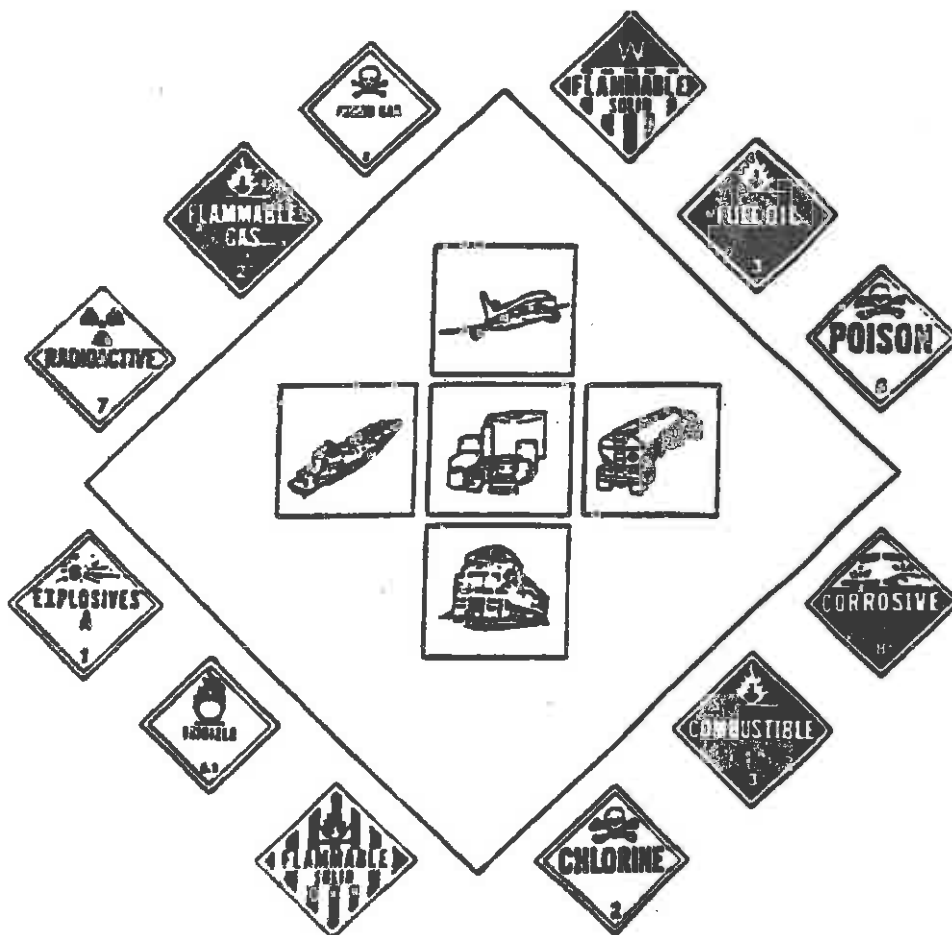
Appendix A

City of Hesperia Spill Response Plan Flow Chart



Hazardous Materials Incident EMERGENCY RESPONSE PLAN

FOR
THE CITY OF VICTORVILLE
&
SOUTHERN CALIFORNIA
LOGISTICS AIRPORT
(SCLA)



November 7, 1994
(1st Revision 11-7-02)
(2nd Revision 7-1-05)
(3rd Revision 7-1-08)
(4th Revision 7-1-11)

**HAZARDOUS MATERIALS INCIDENT EMERGENCY RESPONSE PLAN
CITY OF VICTORVILLE &
SOUTHERN CALIFORNIA LOGISTICS AIRPORT**

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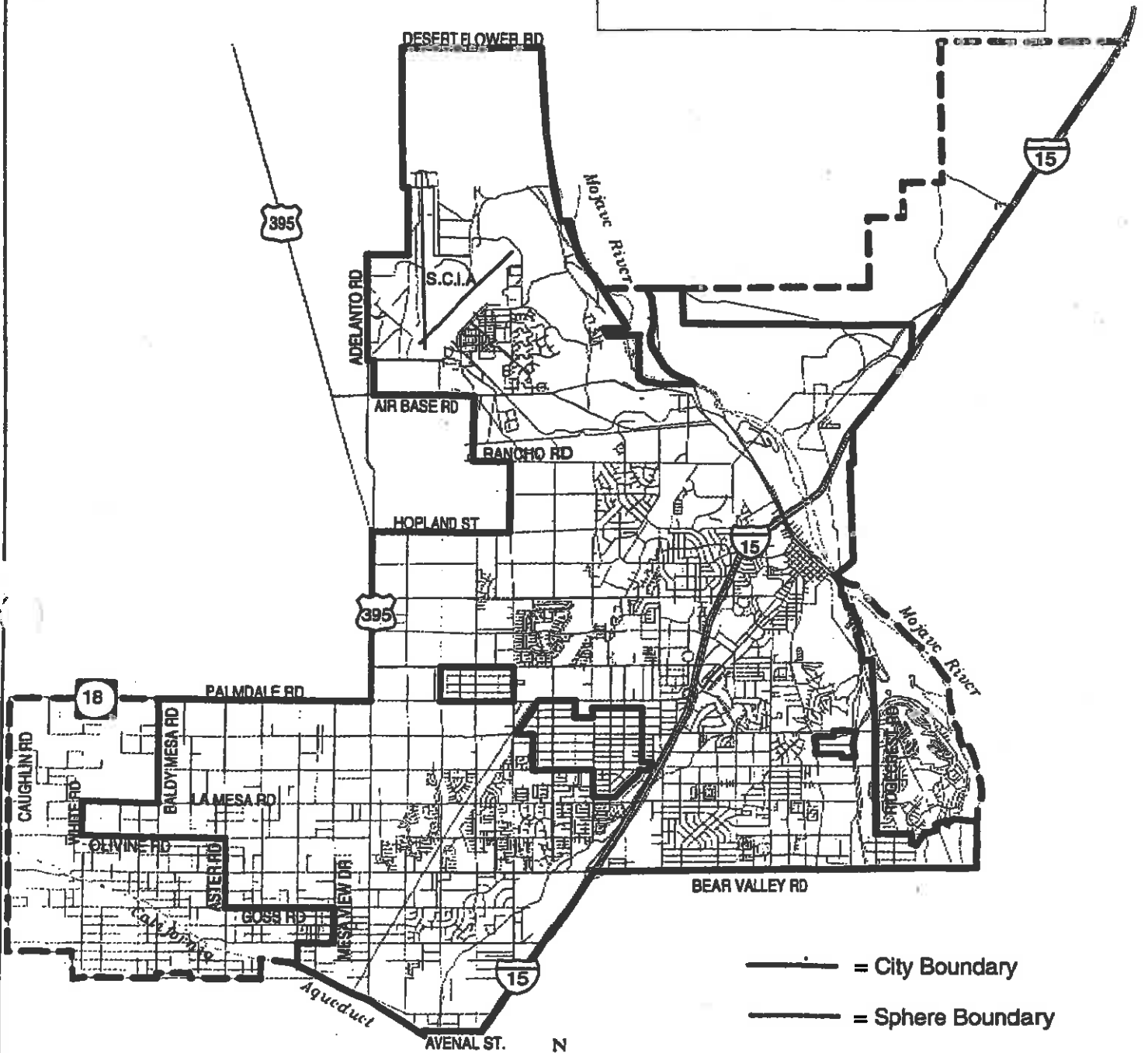
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CITY AREA

INCORPORATED AREA = 74.16 SQ. MILES

SPHERE AREA = 23.89 SQ. MILES

TOTAL = 98.05 SQ. MILES



— = City Boundary
- - - = Sphere Boundary

City of Victorville

City and Sphere of Influence Boundaries

City and Sphere of Influence boundaries are current as of 08/17/98

INTRODUCTION

Purpose

The Victorville Fire Department Hazardous Materials Emergency Response Plan establishes the standards and emergency response organization for hazardous materials incidents occurring within the City of Victorville and the boundaries of Southern California Logistics Airport. The Plan identifies local, state, and federal responsibilities designed to minimize exposure and/or damage to human health and safety or to the environment caused by the release or threatened release of hazardous materials.

The Plan is established pursuant to Section 25503(d) of the California Health & Safety Code, Chapter 6.95, Article I, and is intended to conform to the requirements as set forth in Article III of Title 19 of the California Administrative Code.

For the purpose of this document, a *“hazardous material”* means any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment. *“Hazardous materials”* include, but are not limited to, hazardous substances, hazardous waste, and any material which a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment. 25501.(o) HIS.

This plan is consistent with the California State Emergency Plan and the California Hazardous Material Incident Contingency Plan that follow the Multi-Hazard Functional Planning Guide.

Objectives

The objectives of the Plan are to:

- Save lives and protect the environment and property;
- Describe the overall emergency response organization within the city of Victorville and Southern California Logistics Airport and its relationship to the City, County, State, and Federal organizations;
- Establish lines of authority and coordination for hazardous materials incidents;
- Identify and facilitate mutual aid to supplement needs.

Threat Overview

This plan is intended to address releases and threatened releases of hazardous materials, including substances and materials designated as hazardous by the United States Department of Transportation for purposes of Parts 172, 173, and 177 of Title 49 of the Code of Federal Regulations. Releases require an immediate response in order to protect human health and safety and/or the environment. Examples of releases may range from an unidentified white powder spilled on a road to a catastrophic chemical release causing mass casualties.

Authority

In recognition of the potential for releases from stationary sources and in compliance with Section 22503(d) of the California Health & Safety Code, the City of Victorville has adopted Ordinance No. 1528, an ordinance of the City of Victorville adding Chapter 6.95 of the California Health & Safety Code to establish a Hazardous Release Response & Inventory Program. Included within this ordinance are provisions for identifying the location, type, quantity, and health risks of hazardous materials within the city of Victorville. In conformance with these provisions, a mandatory disclosure program that consists of a collection and dissemination reporting system has been established. The program is administered within the Hazardous Materials Division of the Fire Department.

FIELD OPERATIONS OVERVIEW

- I. DETERMINE WHAT THE MATERIALS INVOLVED ARE;**
- II. DETERMINE THE RISK OR HAZARD POSED BY THE MATERIALS;**
- III. MOBILIZE THE RESOURCES NECESSARY TO MONITOR AND CONTAIN THE MATERIALS;**
- IV. PREVENT A DANGEROUS PUBLIC HEALTH SITUATION FROM OCCURRING;**
- V. IMPLEMENT FIRE AND EXPLOSION PREVENTION MEASURES;**
- VI. KEEP THE PUBLIC INFORMED OF THE HAZARD THAT EXISTS, THE ACTIONS BEING TAKEN, AND EVACUATION ROUTES AND DESTINATIONS.**

FIELD OPERATIONS GUIDE

Approach, Recognition, & Evaluation

While enroute to the location of a reported hazardous materials incident, determine as much of the following information as possible:

1. **Wind Direction and Speed**

2. **Name of Hazardous Material(s) Involved**

3. **Form of Material**

SOLID LIQUID GAS

4. **Utilizing the appropriate guide books, obtain the following information:**

a. **Toxic Effects -** _____

b. **Symptoms of Exposure -** _____

c. **Reactivity (i.e. water) -** _____

d. **Exposure Threats (i.e. respiratory, skin contact) -** _____

e. **Emergency Procedures:**

FIRE - _____

NO-FIRE - _____

PERSONAL PROTECTION - _____

EVACUATION - _____

Upon arrival at the scene, the following procedures should be utilized where applicable to the conditions found:

5. If spill area is visible, maintain a safe distance and park apparatus on the uphill side.
6. If vapor release is visible or suspected, maintain additional distance on the upwind side.
7. If no release is visible, observe spectators and/or employees for symptoms of illness or unconsciousness.
8. Establish primary control points for entrance and exit from incident area. Coordinate with Police Department.
9. Establish staging area well away from the area on the upwind side.
10. Establish separate holding areas for personnel or victims who may have been contaminated.
11. If you are unable to determine what chemicals are involved,
 - (a) **USE BINOCULARS FROM A DISTANCE TO LOCATE PLACARDS,**
 - (b) **TREAT THE MATERIAL AS HIGHLY TOXIC, VIOLENTLY REACTIVE, OR EXPLOSIVE.**

Incident Commander's Primary Objectives & Considerations

Upon determining that a hazardous materials emergency exists, the following steps should be accomplished as soon as possible but not necessarily in the order listed:

1. Establish a command post and notify Desert Comm of the location.
2. Control fire, if any. CONSIDER allowing fire to continue burning.
3. Ensure that emergency personnel are provided with the proper level of personal protection for the suspected hazards.
4. Isolate suspected hazardous material(s) and prevent spread of contamination. If liquid spill, initiate location of flow and diking procedures.
5. Identify suspected materials. For assistance in identifying materials or hazardous properties, contact the City of Victorville and request that the Hazardous Materials Response Team be dispatched to the incident. [Phone: (760) 245-6280 24 Hours/day]
6. Notify local hospitals and ambulance of known and/or suspected hazardous substances if there is any possibility of victims requiring medical treatment.
Victor Valley Community Hospital.....(760) 245-8691
St. Mary's Hospital(760) 242-2311
Desert Valley Hospital.....(760) 241-8000
7. Coordinate evacuation of threatened areas with the Police Department as defined in Evacuation Procedures.
8. Establish control zones. Define perimeters below.
9. Initiate incident documentation utilizing ICS Form 214, Unit Log. Photographs should be included in the documentation process whenever possible.
10. Initial action guidance may be obtained from CHEMTREC if the product identity is known. If the manufacturer is known and contact is necessary, CHEMTREC will notify the proper representative of the manufacturer. Prior to calling CHEMTREC, obtain as much information as possible as shown in the Haz-Mat Incident Information Guide (Page 8).

CHEMTREC(800) 424-9300

Chemical Transportation Emergency Center

- 11. Determine which agencies or organizations should be notified of the incident as outlined on Page 10, Primary Notification Checklist, of this guide.**

***** NOTE *****

IF A HAZARDOUS MATERIALS INCIDENT OCCURS ON ANY FREEWAY WITHIN THE CITY LIMITS OF THE CITY OF VICTORVILLE, THE CALIFORNIA HIGHWAY PATROL WILL BE RESPONSIBLE FOR SCENE MANAGEMENT (2454 CVC)

FOR ALL OTHER INCIDENTS WITHIN THE CITY AND SOUTHERN CALIFORNIA LOGISTICS AIRPORT, THE FIRE DEPARTMENT SHALL BE RESPONSIBLE FOR SCENE MANAGEMENT AS PROVIDED FOR BY MEMORANDUM OF UNDERSTANDING BETWEEN THE VICTORVILLE POLICE DEPARTMENT AND THE VICTORVILLE FIRE DEPARTMENT.

INFORMATION GUIDE

Incident Information

1. Name of caller and call-back number:

_____ () - _____

2. Location of incident:

Address

Name of business or other location information

3. Name of material(s) involved: (Spelling of chemical or product must be precise.)

4. Nature of problem:

TIME: _____ DATE: _____

5. Type and condition of container:

6. Name of manufacturer and/or shipper:

7. EPA registration number: _____

8. Name of carrier: _____

Primary Notification Procedures

For any release or threatened release of a hazardous material at S.C.L.A., the City of Victorville Fire Department is to be immediately notified.

Victorville Fire Department Emergencies.....9-1-1
Business Line: (760) 955-5227

For any release or threatened release of a hazardous material at S.C.L.A., the ASBCA/DD is to be notified.

Peter Soderquist (Airport Director)Business Hours: (760) 246-5360
Cell Phone - After Hours: (909) 553-3792

If any quantity of material has entered or may enter any street drain(s) or damages any street facility, notify the City of Victorville Public Works Department. Additionally, this department can provide information on locations and flow of underground street drain facilities.

Public Works DepartmentWeekday: (760) 954-7996
Weekend: (760) 954-7996

If any quantity of material may enter the sewage disposal system of the city, notify the following organization:

Victor Valley Waste Water Reclamation Authority(760) 246-8638
Dan Sentman Cell Phone - After Hours: (760) 954-5083

If pesticides of any kind are involved, notify the following:

San Bernardino County Department of Agriculture(909) 387-2105
After Hours: (909) 386-3805

If the materials enter any flood control channels or related facilities, notify the following:

San Bernardino County Flood Control Business Hours: (909) 387-8109
Environmental Management Division After Hours: (909) 356-3805
County Communications

If the materials pose or have cause to occur any form of health threat, notify the following:

San Bernardino County Fire Department(909) 386-8430
(Hazardous Materials Division) Com. Center (909) 356-3805

If the materials enter any part of the Mojave River or any other waterway, which would lead to the Mojave River, notify the following:

Lahonton Regional Water Quality Control(760) 241-6583
(State of California) After Hours: (760) 241-8278
OES State: (800) 852-7550

California Department of Fish & Game (Chino Hills M-F 8-5).....(909) 597-9823
After Hours: (916) 445-0045

If there is a need for monitoring of air contaminants, interpretation of meteorological data, or projection of airborne contaminant dispersion, contact the following:

Mojave Desert AQMD Charles Fryxell (APCO) (760) 245-1661 x5003
Christopher Collins.....After Hours – Home..(760) 951-7276
Cell.... (760) 486-7802

Secondary Notification Procedures

The Office of Emergency Services (OES) is responsible for the notification and coordination of all state agencies that may become involved in the response to hazardous materials incidents. For major events, OES is responsible for the State Operations Center, preparation of situation reports for distribution to the Governor's office, legislature, and other interests/agencies.

OES operates the State Warning Center, which includes notification of emergencies, including hazardous material incidents to federal, state, and (upon request) local agencies, and OES coordinates the statewide Mutual Aid Radio Communication System.

OES.....24 Hours/7 days(916) 262-1621
(800) 852-7550

If the incident has resulted in a fatality, major injury, \$50,000 damage or more, or has entered or threatened to enter a navigable waterway, or if the product spilled exceeds the reportable quantity level as defined in 49 CFR, the incident shall be reported to the National Response Center.

National Response Center(800) 424-8802
(U.S. Department of Transportation, U.S. Coast Guard)

If it is determined that an illegal discharge has occurred or a threatened illegal discharge of a hazardous waste may occur within the City of Victorville or S.C.L.A. and it is likely to cause substantial injury to the public health or safety, the San Bernardino County Board of Supervisors and the Director of the San Bernardino County Health Department shall be notified (25180.7 H & S). This notification will be conducted by notifying the San Bernardino County Fire Department Hazardous Materials Division.

San Bernardino County Fire Department(909) 386-8430
(Hazardous Materials Division) Comm. Ctr. - After Hours: (909) 356-3805

Initiate cleanup procedures. Cleanup and disposal shall be conducted only by licensed contractors. Funding of cleanup shall be borne by the party(s) responsible for the incident. Additional information regarding cleanup funding is located in this guide.

PROTECTIVE ACTIONS

This section provides policies and procedures for two options of protection where an airborne hazardous materials release may place the public in danger. One is evacuation. The other is shelter in-place protection.

- A. The overall objectives of emergency evacuation operations are:**
- 1. Expedite the movement of persons from hazardous areas;**
 - 2. Control evacuation traffic;**
 - 3. Provide adequate means of transportation for disabled person, the elderly, and persons without vehicles;**
 - 4. Institute access control measures to prevent unauthorized persons from entering vacated or partially vacated areas;**
 - 5. Provide for the procurement, allocation, and use of necessary transportation resources and law enforcement resources by means of mutual aid or other agreements.**

For an event that is not covered by a site-specific evacuation plan, it will be necessary to determine the area to be evacuated and the number of persons involved based on information at the time of the incident. The best available means will be used to warn and instruct the public. Evacuations involving only a small number of people can generally be handled without elaborate measures by on-scene public safety personnel. Evacuations involving a larger number of people will require the determination and establishment of traffic and access control points.

For an event that is covered by a site-specific evacuation plan, it will initially be the responsibility of the facility management to determine the area to be evacuated and the number of persons involved. The best available means will be used to warn and instruct employees and other persons on site. This may include the use of public address systems, audible warning devices, or other suitable means of communications. Any facility evacuation will be conducted in cooperation with the Police Department representative who has been assigned responsibility for evacuation activities.

- B. The decision to conduct an evacuation shall be made by the Incident Commander. Evacuations will be conducted by the Police Department, who shall also be responsible for maintaining security of the evacuated areas. Evacuations may be indicated when there are:**

1. Leaks involving known gases from large capacity storage container;
2. Explosives or large quantities of materials, which could detonate or explode, damaging structures in the immediate area;
3. Leaks that cannot be controlled and are expected to continue leaking;
4. Leaks that cannot be controlled by emergency response personnel and civilians are at risk.

C. Shelter in-place protection activities operate on the theory that toxic vapors pass over structures without moving inside them. Research and accident investigations indicate that staying indoors may provide a safe haven during toxic cloud releases. However, sustained, continuous releases may eventually filter into a structure and endanger the occupants. Several factors may influence the shelter in-place protection decision. The Incident Commander may have to make critical protection decisions based upon weather conditions and forecasts. High humidity and warm air can force vapors toward the ground. In addition, air ventilation and air conditioning ducts may draw toxic vapors into buildings. In-place protection may be a viable option when:

1. The hazardous material has been identified and is a moderate to low health hazard;
2. Personnel are limited to assist with the evacuation and isolation zones cannot be properly managed;
3. The hazardous material has been totally released from its container and is quickly dissipating;
4. The hazardous material is a migrating toxic vapor cloud and the citizens are safer inside the building than they would be outside of it;
5. Short duration, solid or liquid leaks are present;
6. Migrating vapor clouds, low in toxicity and quantity, are occurring;
7. Vapor clouds form "puff" or migrating plume patterns, e.g. clouds that will quickly disperse and are not from a fixed, continuous point source;
8. Leaks can be rapidly controlled at their source.

EVACUATION PROCEDURES

The following procedures shall be used as a minimum standard for conducting evacuation operations, supplemented by the following:

1. **Determine the area that will require evacuation.**

2. **Estimate the number of people in the evacuation area.**

3. **Estimate the number of persons needing transportation aid.**

4. **Identify major evacuation routes and establish traffic control points.**

5. **Establish evacuation assembly points.**

6. **Dispatch units to warn threatened areas.**

7. **Coordinate with the Public Information Officer to notify radio and television stations to broadcast warning.**

8. **Dispatch transportation to special facilities and to the disabled, elderly, and others requiring assistance. (See Transportation Resources.)**

9. **Dispatch buses to designated assembly points.**

10. **Dispatch units to traffic and access control points.**

11. **Provide crowd control at assembly points**

12. **Place tow trucks on standby to assist disabled vehicles on evacuation routes.**

13. **Monitor status of warning and evacuation processes.**

14. **Notify the Red Cross (245-6511) to open designated reception centers.**

15. **Monitor traffic flow on evacuation routes.**

16. **Establish security patrols and access control procedures.**

17. **Coordinate with Public Works to obtain barricades and signs.**

18. **Upon determination by the Incident Commander following consultation with all participating agency representatives that the evacuated area is safe for entry, the directive to conclude the evacuation shall be given to and implemented by the Police Department.**

PERSONAL PROTECTIVE EQUIPMENT

LEVEL A

Level A protection should be used when the following conditions exist:

- 1. The chemical substance has been identified and requires the highest level of protection for skin, eyes, and the respiratory system based on either measured (or potential for) high concentration of atmospheric vapors, gases, or particulates or operations and work functions involving a high potential for splash, immersion, or exposure to unexpected vapors, gases, or particulates of materials that are harmful to skin or capable of being absorbed through intact skin;**
- 2. Substances with a high degree of hazard to the skin are known or suspected to be present and skin contact is possible;**
- 3. Operations must be conducted in confined, poorly ventilated areas until the absence of conditions requiring Level A protection is determined.**

Level A protection may be used only when the fully encapsulated suit material is compatible with the substances involved.

Level A protection is comprised of the following components:

- 1. Pressure-demand, full facepiece SCBA, or pressure demand supplied-air respirator with escape SCBA;**
- 2. Fully encapsulating, chemical-resistant suit;**
- 3. Inner chemical-resistant gloves;**
- 4. Chemical-resistant safety boots/shoes;**
- 5. Two-way radio communications;**
- 6. Hard hat;**
- 7. Disposable gloves and boot covers.**

LEVEL B

Level B protection should be used in following conditions:

- 1. The type and atmospheric concentration of substances have been identified and require a high level of respiratory protection, but less skin protection. This involves atmospheres:**
 - with IDLH concentrations of specific substances that do not represent a severe skin hazard**
 - OR**
 - that do not meet the criteria for use of air-purifying respirators;**
- 2. Atmosphere contains less than 19.5 percent oxygen;**
- 3. Presence of incompletely identified vapors or gases is indicated by direct-reading organic vapor detection instrument, but vapors and gases are not suspected of containing high levels of chemicals harmful to skin or capable of being absorbed through intact skin.**

Level B protection may be used only when the vapor or gases present are not suspected of containing high concentrations of chemicals that are harmful to skin or capable of being absorbed through skin contact and only when it is highly unlikely that the work being done will generate either high concentration of vapors, gases, or particulates or splashes of material that affect exposed skin.

Level B protection is comprised of the following components:

- 1. Pressure-demand, full-face piece SCBA or pressure-demand supplied-air respirator with escape SCBA;**
- 2. Chemical-resistant clothing (overalls and long-sleeved jacket, hooded one or two-piece chemical splash suit, disposable chemical-resistant one-piece suit);**
- 3. Inner and outer chemical-resistant gloves;**
- 4. Chemical-resistant safety boots/shoes;**
- 5. Hard hat;**
- 6. Two-way radio communications;**
- 7. Disposable boot covers.**

LEVEL C

Level C protection may be used when the following conditions exist:

- 1. The atmospheric contaminants, liquid splashes, or other direct contact will not adversely affect any exposed skin;**
- 2. The types of air contaminants have been identified, concentrations measured, and a filter or canister is available that can remove the contaminant;**
- 3. All criteria for the use of air purifying respirators are met;**
- 4. Constant monitoring of oxygen level is being conducted when the potential for oxygen deficiency is present.**

Level C protection may be used only when the atmospheric concentration of chemicals does not exceed IDLH levels and the atmosphere contains at least 19.5 percent oxygen.

Level C protection is comprised of the following components:

- 1. Full face piece, air-purifying, or canister or filter equipped respirator;**
- 2. Chemical-resistant clothing (overalls and long-sleeved jacket, hooded one- or two-piece chemical splash suit, disposable chemical-resistant one-piece suit);**
- 3. Inner and outer chemical-resistant gloves;**
- 4. Chemical-resistant safety boots/shoes;**
- 5. Hard hat;**
- 6. Two-way radio communications;**
- 7. Disposable boot covers.**

LEVEL D

Level D protection may be used when the following conditions exist:

- 1. The atmosphere contains no known hazard;**
- 2. Work functions preclude splashes, immersion, or the potential for unexpected inhalation of or contact with hazardous levels of any chemicals.**

This level should not be used in the Hot (Exclusion) zone or if the atmosphere does not contain at least 19.5 percent oxygen.

Level D protection is comprised of the following components:

- 1. Coveralls;**
 - 2. Safety boots/shoes;**
 - 3. Safety glasses or chemical splash goggles;**
 - 4. Hard hat;**
 - 5. Gloves.**
-

HAZARDOUS MATERIALS RESPONSE EQUIPMENT

The equipment and supplies identified in this section were obtained based upon the capabilities and training of the personnel assigned to the Hazardous Materials Response Team and the hazards identified during the hazard analysis conducted at Southern California Logistics Airport and the City of Victorville. All equipment listed within this section is carried on the Fire Department hazardous material response unit (HM-314) that is quartered at Victorville's Station 314 (1708 Silica Road).

It shall be the responsibility of the members of the hazardous materials response unit to inventory and test all listed equipment monthly and following use of said equipment on an emergency response.

It shall be the responsibility of the company officer assigned to Fire Station 314 to record, in the station journal, the results of the tests conducted on all instrumentation and supplies. Any deficiencies or malfunctions shall be so noted and referred to Fire Administration for correction.

PERSONAL PROTECTIVE EQUIPMENT

QUAN	UNIT	DESCRIPTION
4	Each	Lifeguard Level A limited use suit
6	Each	Mar-Mac Level A limited use suit
4	Each	Barricade Level A limited use suit
10	Each	Tyvek/Saranex Level B suit
10	Each	Tyvek/Saranex coverall
200	Each	Tyvek coverall
25	Each	Tyvek aprons
200	Pair	Gloves (Nitrile)
24	Pair	Gloves (PVC/Nitrile)
40	Pair	Gloves (silver shield)
6	Pair	Gloves (viton)
4	Pair	Gloves (firefighter)
3	Each	Splash goggle
4	Each	Scott 4.5 breathing apparatus with 1 hour bottle
4	Each	Scott 4.5 1 hour bottle
12	Each	Scott twin cartridge respirator
2	Each	Explosion-proof flashlights
24	Pair	PVC/Nitrile boots
2	Pair	Cryo gloves
2	Pair	Cryo aprons
1	Each	First aid kit

ISOLATION & NEUTRALIZATION SUPPLIES

QUAN	UNIT	DESCRIPTION
50	Pounds	Caustic neutralizer
50	Pounds	Acid neutralizer
500	Pounds	Vermiculite
50	Pounds	Plug N Dike
5	Pounds	Duc-Seal
10	Pounds	Baking soda
1	Roll	Visqueen plastic, 6 mil.
5	Each	Tarp, disposable, 10' x 20'
5	Rolls	Barricade tape
5	Each	Traffic delineator post
24	Each	90" Pig socks
1	Each	85 Gallon steel recovery drum
3	Each	85 Gallon plastic recovery drum
3	Each	20 Gallon plastic recovery drum
25	Pounds	Tri-sodium phosphate
1	Bag	Clay
4	Each	Non-sparking shovels
2	Each	Chemical squeegee
1	Each	Drum dolly

REPAIR KITS / SAMPLING EQUIPMENT

QUAN	UNIT	DESCRIPTION
2	Each	Drum repair kit
1	Each	Pipe repair kit
1	Each	Tanker tourniquet (suction)
1	Each	Tanker tourniquet (magnetic)
1	Each	Chlorine B kit
1	Each	Chlorine C kit
20	Each	Clor-D-Test
6	Each	Chemical classifier strips
3	Each	Lid loc
4	Each	Siphon pumps
1	Each	Assoc. spark-free tool kit
12	Each	Coliwas
12	Each	Drum thief

DECONTAMINATION SUPPLIES

QUAN	UNIT	DESCRIPTION
1	Box	Decon Solution A
1	Box	Decon Solution B
1	Box	Decon Solution C
1	Box	Decon Solution D
1	64 Oz.	Eye wash solution
4	Each	Decon pools
1	Each	Liquid soap
2	Each	Scrub brushes with handle
1	Each	Manifold
2	Each	Hose, 3/4" x 25'
3	Each	Nozzle, garden type
1	Each	2-1/2" x G.H.T. reducer
2	Each	Scrub wand with tip

LIBRARY & REFERENCE MATERIALS

QUAN	UNIT	DESCRIPTION
1	Each	N.F.P.A. Guide on Hazardous Materials
1	Each	Haz-Mat Injuries Pre-Hospital Care
1	Each	Railroad Emergency Evacuation Procedures
1	Each	MSDS Book on Inorganic Materials
1	Each	MSDS Book on Organic Materials
1	Each	MSDS Book on Trade Name Materials
1	Each	Chris Manual
1	Each	Suit Compatibility Notebook
1	Each	Bureau of Explosives Tariff No. BOE 600-F
1	Each	Haz-Cat Manual
1	Each	Farm Chemical Handbook
1	Each	Emergency Action Guide
1	Each	The Merck Index
1	Each	Dangerous Properties of Industrial Haz-Mats
1	Each	Emergency Handling of Hat-Mats in Surface Transportation
1	Each	Hazardous Chemicals Desk Reference
1	Each	Hawleys Condensed Chemical Dictionary
1	Each	D.O.T. Emergency Response Guide
1	Each	NIOSH Pocket Guide To Chemical Hazards
1	Each	IBM Computer/Printer with Cameo, Tomes

COMMUNICATIONS & MONITORING EQUIPMENT

QUAN	UNIT	DESCRIPTION
3	Each	Combustible gas indicator
1	Each	Complete Haz-Cat kit
1	Each	Cellular Phone
1	Each	Fax machine
4	Each	C.D.V. 700 radium detector
1	Each	Motorola fixed 16 channel radio
2	Each	Motorola MT-500 handheld radio
2	Each	Drager air sampling pump
26	Box	Assorted chemical analyzer chips
1	Each	Radiation Detector
4	Each	Handy Talkie

PERSONNEL MONITORING & DECONTAMINATION PROCEDURES

Personnel Monitoring

Monitoring of personnel is accomplished by noting physiological vital signs of personnel before and after entry into hazardous environments. The hazardous working environment is measured by use of air sampling devices (Sensidyne) and combustible gas and oxygen deficiency meters. Monitoring of corrosive vapors and liquids can be accomplished by use of pH paper.

It is necessary during most incidents involving chemicals to decontaminate personnel and equipment. Contamination reduction should be considered an important function of any incident where personnel are exposed to chemicals. Decontamination, when correctly and thoroughly completed reduces the chance of exposure to personnel and confines contamination to a specific area. Damage to protective clothing by chemicals is also reduced during this process.

The decontamination station should normally be set up before the entry team enters the exclusion zone within the Hot Line.

The personnel decontamination station will be set up in the contamination reduction zone within the contamination reduction corridor. The degree of elaborateness of the personnel decontaminations station will vary with the hazardous material involved. NOTE: Unforeseen problems may necessitate removing contaminated clothing much sooner than originally anticipated and before the entry team reaches the DECON station. Emergency decontamination may take place before the DECON station is set up.

Categories

Primary Decontamination - Primary decontamination is the on scene initial decontamination of personnel, citizens that are uninjured, and equipment leaving the HOT ZONE with the utilization of the CRZ.

Secondary Decontamination - Secondary decontamination consists of monitoring and inspection of protective equipment and tools that have undergone primary decontamination and further cleaning may be required.

Emergency Decontamination - Emergency decontamination is the immediate removal of contamination from personnel or citizens without establishing formal decontamination zones, usually performed when life or health is endangered.

Decontamination Procedures

LEVEL A DECONTAMINATION

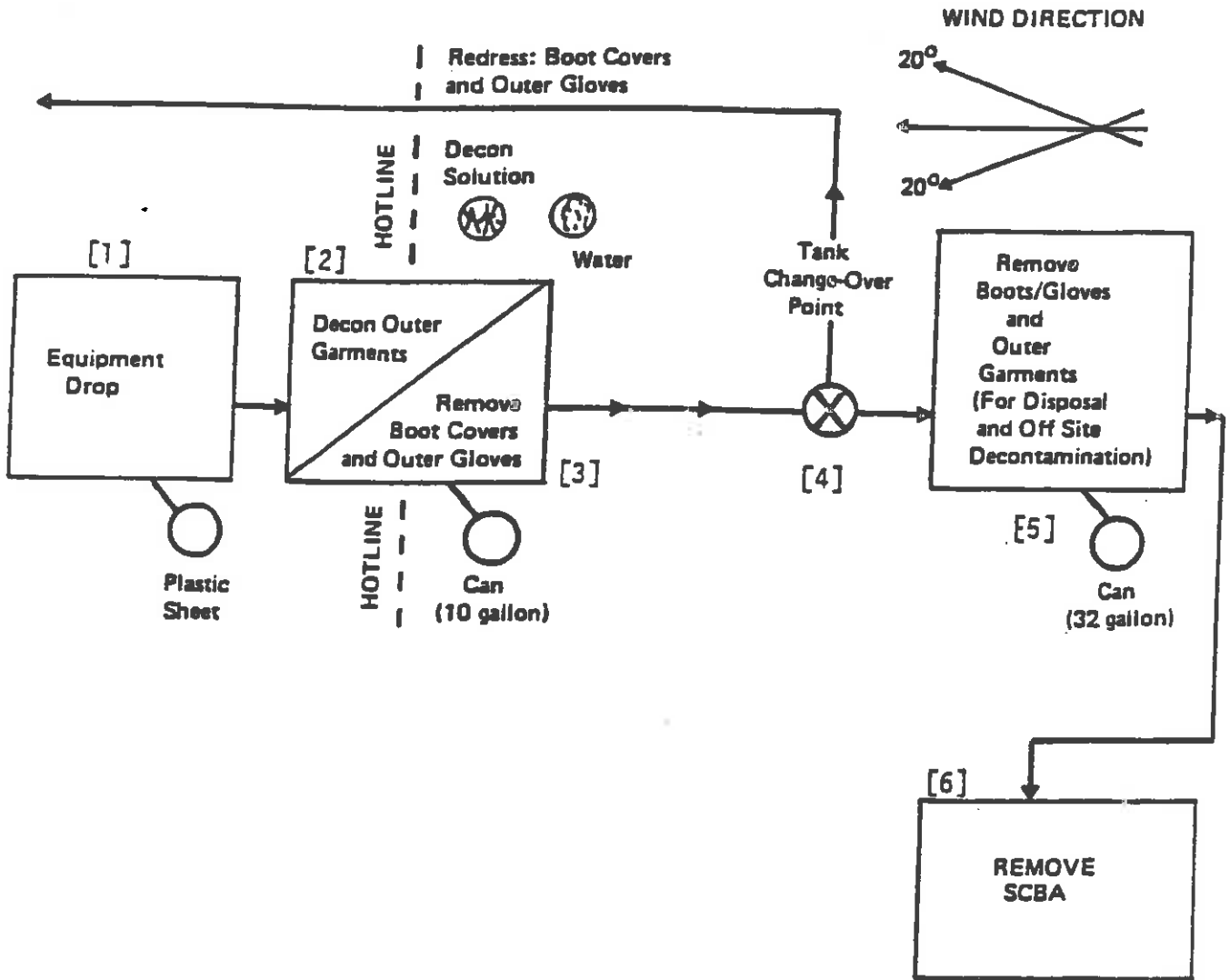
Station 1:	Equipment Drop	Deposit equipment used on-site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths. Segregation at the drop reduces the possibility of cross contamination. During hot weather operations, cool down stations may be set up within this area.
Station 2:	Outer Garment, Boots, and Gloves. Wash and Rinse	Scrub outer boots, outer gloves, and fully-encapsulating suit with decon solution or detergent and water. Rinse off using copious amounts of water.
Station 3:	Outer Boot and Glove Removal	Remove outer boots and gloves. Deposit in container with plastic liner.
Station 4:	Tank Change	If worker leaves HOT, (Exclusion), zone to change air tank, this is the last step in the decontamination procedure. Worker's air tank is exchanged, new outer gloves and boot covers donned, joints taped, and worker returns to duty.
Station 5:	Boot, Gloves, and Outer Garment Removal	Boots, full-encapsulating suit, inner gloves removed and deposited in separate containers lined with plastic.
Station 6:	SCBA Removal	SCBA backpack and mask is removed (avoid touching face with fingers). SCBA placed on plastic sheets.
Station 7:	Field Wash	Hands and face are thoroughly washed. Shower as soon as possible.

***** NOTE *****

Station numbers shown above correspond to the diagram of the decontamination area shown on the following page.

LEVEL A DECONTAMINATION

DIAGRAM:



LEVEL B DECONTAMINATION

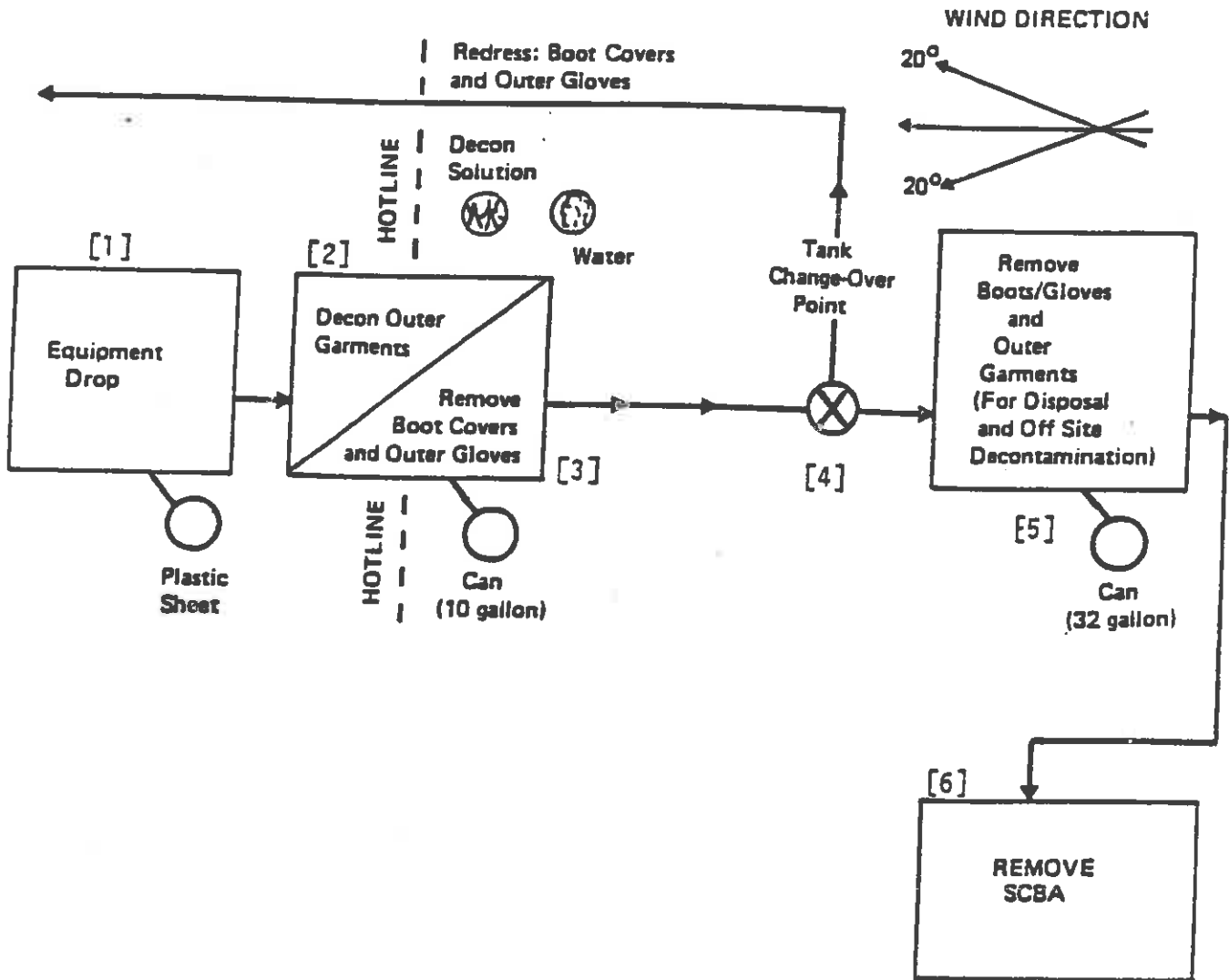
Station 1:	Equipment Drop	Deposit equipment used on-site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths. Segregation at the drop reduces the possibility of cross contamination. During hot weather operations, cool down stations may be set up within this area.
Station 2:	Outer Garment, Boots, and Gloves. Wash and Rinse	Scrub outer boots, outer gloves, and chemical-resistant splash suit with decon solution or detergent and water. Rinse off using copious amounts of water.
Station 3:	Outer Boot and Glove Removal	Remove outer boots and gloves. Deposit in container with plastic liner.
Station 4:	Tank Change	If worker leaves HOT, (Exclusion), zone to change air tank, this is the last step in the decontamination procedure. Worker's air tank is exchanged, new outer gloves and boot covers donned, joints taped, and worker returns to duty.
Station 5:	Boot, Gloves, and Outer Garment Removal	Boots, chemical-resistant splash suit, inner gloves removed and deposited in separate containers lined with plastic.
Station 6:	SCBA Removal	SCBA backpack and mask is removed (avoid touching face with fingers). SCBA placed on plastic sheets.
Station 7:	Field Wash	Hands and face are thoroughly washed. Shower as soon as possible.

*** NOTE ***

Station numbers shown above correspond to the diagram of the decontamination area shown on the following page.

LEVEL B DECONTAMINATION

DIAGRAM:



LEVEL C DECONTAMINATION

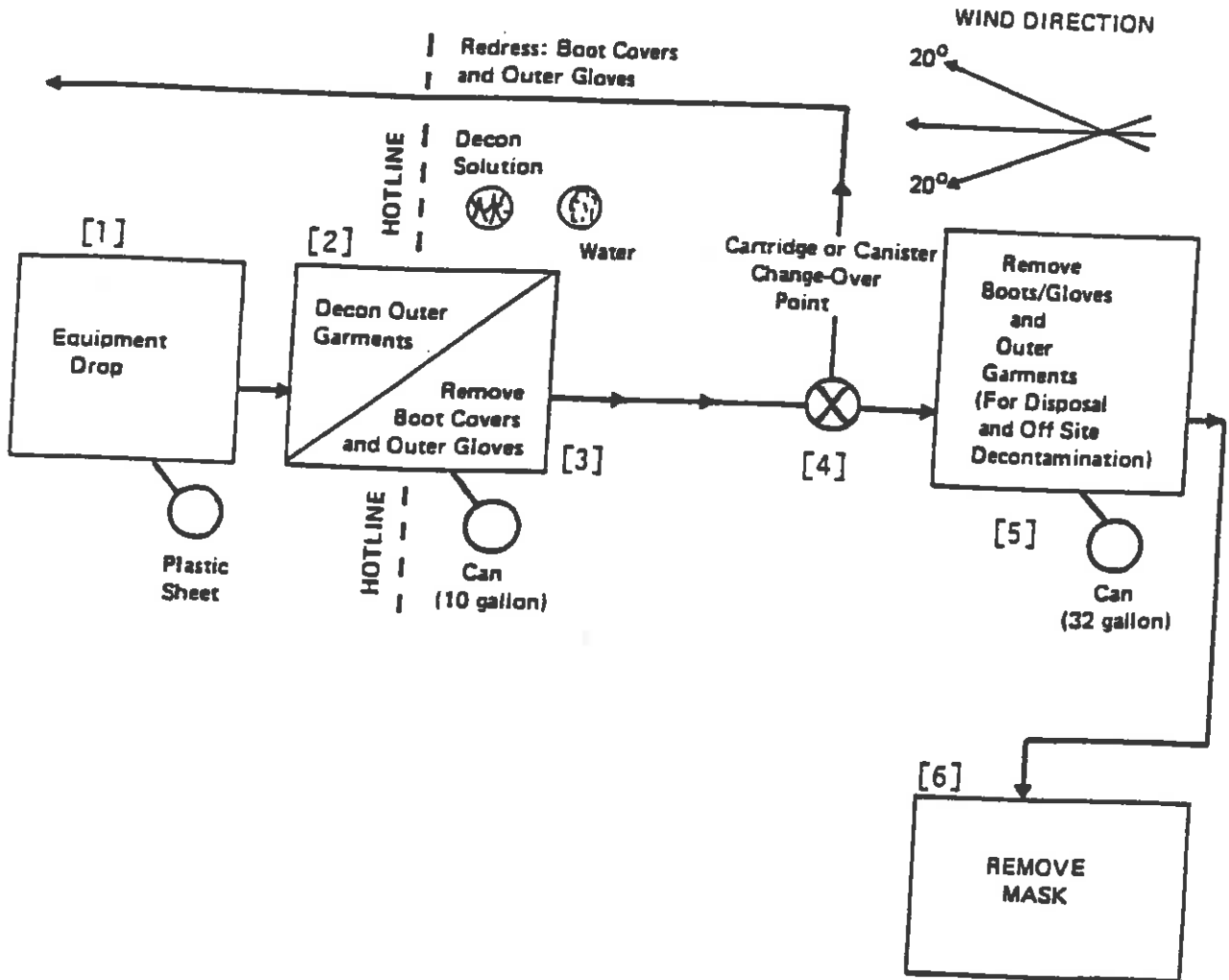
Station 1:	Equipment Drop	Deposit equipment used on-site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths. Segregation at the drop reduces the possibility of cross contamination. During hot weather operations, cool down stations may be set up within this area.
Station 2:	Outer Garment, Boots, and Gloves. Wash and Rinse	Scrub outer boots, outer gloves, and splash suit with decon solution or detergent and water. Rinse off using copious amounts of water.
Station 3:	Outer Boot and Glove Removal	Remove outer boots and gloves. Deposit in container with plastic liner.
Station 4:	Mask Change	If worker leaves HOT, (Exclusion), zone to change mask, this is the last step in the decontamination procedure. Worker's mask is exchanged, new outer gloves and boot covers donned, joints taped, and worker returns to duty.
Station 5:	Boot, Gloves, and Outer Garment Removal	Boots, chemical-resistant splash suit, inner gloves removed and deposited in separate containers lined with plastic.
Station 6:	Face Piece Removal	Face piece is removed (avoid touching face with fingers). Face piece placed on plastic sheets.
Station 7:	Field Wash	Hands and face are thoroughly washed. Shower as soon as possible.

***** NOTE *****

Station numbers shown above correspond to the diagram of the decontamination area shown on the following page.

LEVEL C DECONTAMINATION

DIAGRAM:



HAZARD ANALYSIS

In an effort to determine the potential for a significant hazardous materials release, a hazard analysis has been conducted that has identified the following transportation routes and facilities as possible sources that may cause activation of this plan.

Highways

Highway 395 runs north and south through the west end of the city with approximately 10,500 motor vehicles per day average traffic flow. Interstate 15 runs southwest to northeast through the center of the city with approximately 64,000 motor vehicles per day average traffic flow. I-15 is the leading roadway for access in and out of California. It has also been noted that a significant quantity of hazardous materials are transported on City streets, as they are being shipped and received by various local businesses. Based upon these facts, it has been determined that a considerable threat is presented by these highways.

Railways

The Santa Fe Railroad extends north and south through the city. Currently, there are approximately 100 daily trips by both freight and passenger trains. Numerous tank cars and boxcars with hazardous materials utilize this route. There is a definite potential for activation of the local and regional hazardous materials plans.

Pipelines

A Cal-Nev pipeline runs east/west and north/south through the city; a terminal is located at Southern California Logistics Airport. Southern California Gas operates a transmission station with a 30-inch natural gas line, which runs east/west through the city.

Southern California Logistics Airport (SCLA)

The Former George Air Force Base, closed in 1992, and reopened as SCLA its current and future use will consist of a controlled airport and commercial/industrial center; it is an E.P.A. mandated superfund clean up site.

Environmentally Sensitive Areas

The Mojave River is considered environmentally sensitive and deserves particular attention during a release or threatened release. The Mojave River runs adjacent with the Santa Fe railway. Additional areas include Spring Valley Lake and the Mojave Narrows Regional Park.

PRE-INCIDENT SITE SURVEYS

The City of Victorville Fire Department has established a program for the collection and dissemination of basic information on the location, type, quantity, and health risks of hazardous materials used or stored in the City as defined in Ordinance No. 1528. Primary elements of the program include the requirements for business plans, hazardous materials disclosure, and underground storage tanks.

Upon receipt and acceptance of the material required by the program, the information is disseminated in the following manner:

Computer data of the disclosure information and/or business plan is stored in the Department's haz-mat vehicle for utilization in emergency response to the facility and surrounding areas as well as for conducting exercises with the facilities.

Specific data is collected from the disclosure form and compiled into a computer-based report that is provided to emergency responders within the Fire Department. The report includes detailed information regarding the product name, quantity, hazards, and CAS or UN identification number.

CALIFORNIA HAZARDOUS MATERIAL INCIDENT REPORTING SYSTEM (CHMIRS)

Mission

The CHMIR System was developed to provide informative statistical reports on releases or threatened releases of hazardous materials in California. The system produces and makes available statistical and analytical reports of value to a wide range of interested parties.

To fulfill this mission, accurate data must be collected and forwarded in a timely manner. Support and cooperation from state and local government is essential to the success of this mission.

The interagency Management Group established to oversee and direct the evolution of this system needs to hear your comments and suggestions on all aspects of CHMIRS. Please address all correspondence to: Office of Emergency Services, Hazardous Material Division, 2800 Meadowview Road, Sacramento, California 95832.

OES Notification

Whenever a hazardous materials incident occurs within the city of Victorville, the incident commander shall insure that a report of the event is made to the State of California Office of Emergency Services. Initial notification shall be made to the Office of Emergency Services Warning Center by telephone either during or immediately following the incident. Written notification shall be made by submission of a California Hazardous Materials Incident Report System (CHMIRS) form to the chief of the hazardous materials section.

CHMIRS Operation

Overview - Section 8574.8(b) of the Government Code mandated creation of a hazardous material incident notification and reporting system by the California Office of Emergency Services (OES). The use of a pre-established telephone number (800-852-7550) staffed on a 24-hour basis has fulfilled the notification aspect of this task. Pursuant to regulations adopted under Chapter 6.95 of the Health & Safety Code, all handlers of hazardous materials are required to call this number to notify OES when a release or a threatened release occurs.

The CHMIRS commenced Phase I operations on July 1, 1986. Phase I collected data and exercised a management plan to move that data to a central point, processed the data into useful information, distributed information to system participants, and modified the system as was required. Participation in Phase I was voluntary. The 1987 year end requirement to submit final area plans under

Chapter 6.95 of the Health & Safety Code marked the end of Phase I and the beginning of Phase II. Reporting under CHMIRS became mandatory on January 1, 1988. In July 1988, OES published summary results of Phase I data in a report entitled "Hazardous Material Incidents - California, July 1986 - December 1987." As a result of the report and review of CHMIRS data, some minor modifications of the reporting form were made and the instruction package was edited and expanded for clarity. The revised forms were made available to participants by OES for use beginning January 1, 1989.

Data was analyzed for the calendar years 1988 and 1989 and annual reports were published. As a result of analyzing this data, further revisions were incorporated into the form and manual, yielding the present document. Beginning January 1, 1991, this manual and the California Hazardous Material Incident Report (version OES 1/91) should be used to report incidents.

Notification and Data Collection - Section 2703 of the California Code of Regulations states that: "A person shall provide an immediate, verbal report of any release or threatened release of a hazardous material to the administering agency and the Office of Emergency Services...." (OES - phone 800-852-7550 or 916-845-8911) The OES warning controller will assign a control number to the incident for use in tracking various activities associated with the incident. The warning controller is required to notify appropriate state and local agencies of reported spills. In order to make these notifications, the warning controller needs the following information when you call: county where spill occurred; your name, address, and phone number; name, address, and phone number of reporting party, if different; the substance(s) involved; quantity released or threatened to be released; location of the spill site; what happened; name, address, and phone number of the responsible party; what containment and/or cleanup actions have been taken; if a body of water is involved; and local agencies that are on scene and/or notified (see Figure 1 and Appendix A).

The CHMIRS report shall be completed by the agency responsible for incident command immediately after the conclusion of the emergency response phase. All completed reports shall be forwarded to OES. Fire departments may forward their reports to OES through the California Fire Marshal's Office. All non-fire service administering agencies and all other participating agencies shall forward their reports directly to OES (see Figure 1). These reports shall be submitted, at least monthly, in a format approved by the Interagency Management Group that directs the California Hazardous Material Incident Reporting System. Procedures for submitting CHMIRS reports should be included in area plans for all administering agencies (Title 19, Section 2724(d) California Code of Regulations).

Data Processing - In 1991, a revised CHMIRS form (OES 1/91) will be used. Data elements on the revised form use codes compatible with the National Fire

Protection Association's *NFPA 901, Uniform Coding for Fire Protection, 1990 Edition* and other codes developed by the Management Group. The revised coding scheme is expected to facilitate additional comparative studies by interested parties in the future. OES will retain the primary responsibility for initial data processing and production of statistical reports.

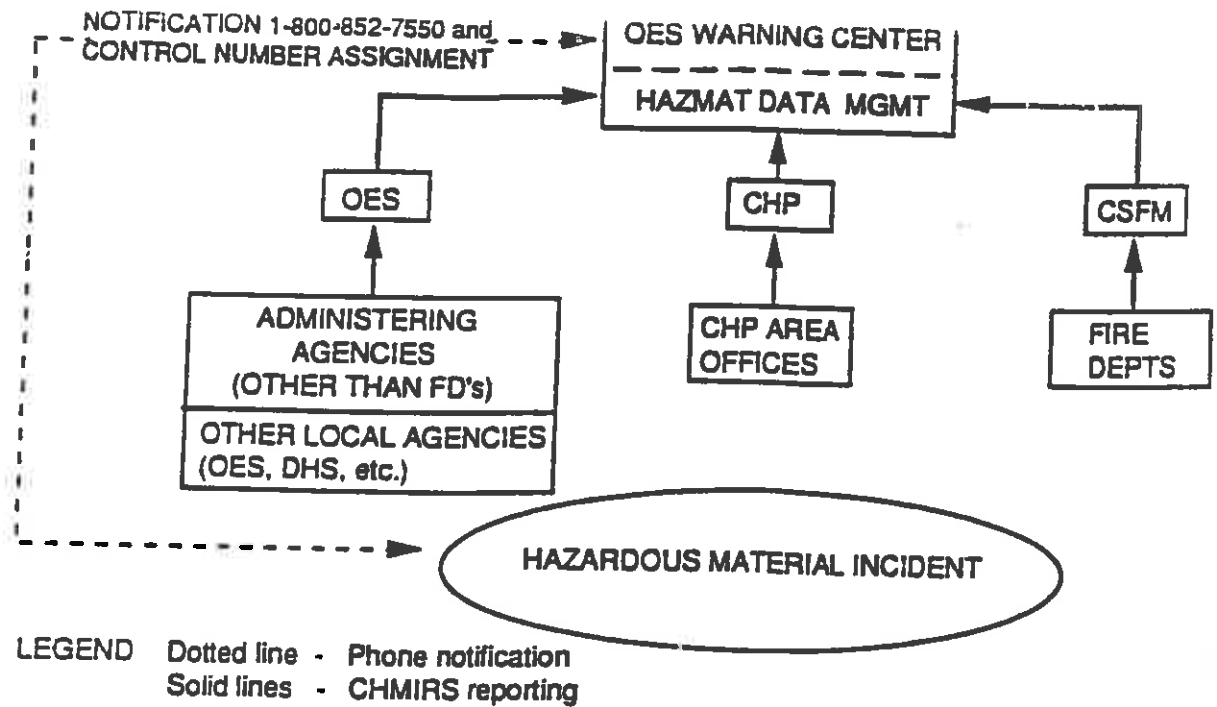


FIGURE 1. CENTRALIZED NOTIFICATION AND REPORTING OF A HAZARDOUS MATERIAL INCIDENT

The Office of Emergency Services is responsible for processing the data collected by participants into useful reports. OES receives the data collection forms from the California State Fire Marshal (CSFM), California Highway Patrol (CHP), and directly from other local agencies having incident command responsibilities. OES reviews the forms for completeness to insure the integrity of subsequent reports, filters out duplicate forms, and processes the data into summary reports. OES continues to process the submitted forms as part of a database managed for the CHMIR System.

Management of CHMIRS - The success of this reporting system will depend on the collection of accurate data at the incident and timely, high quality summary reports. To ensure both, the Interagency Management Group was established and will be maintained. The general responsibility of this group is to provide support and direction to OES and all agencies, which conduct the day-to-day operations of

the CHMIR System (see Figure 2). Specific responsibilities of the management group include:

- A. Ensure that the system meets state and local needs for hazardous material release information;
- B. Ensure the timely and accurate collection of data for use by various governmental bodies in the performance of their responsibilities to the public;
- C. Facilitate the flow of data to OES headquarters;
- D. Evolve the standards and form of information reports;
- E. Promote and encourage the participation of local agencies;
- F. Assist with efforts to enact appropriate legislation for direction and funding; and
- G. Assist OES in meeting the training requirements of the system.

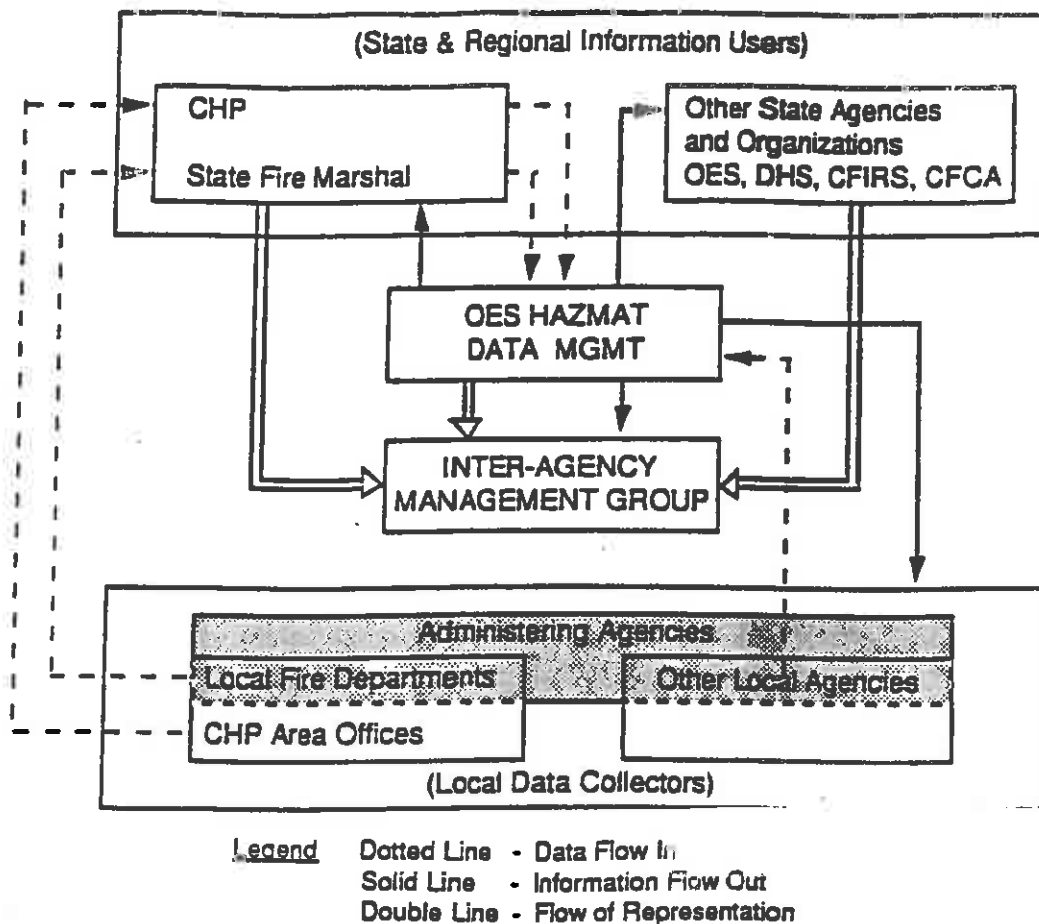


FIGURE 2. CHMIRS ORGANIZATIONAL FLOW CHART

Composition of the Interagency Management Group - The director of OES, or his designee, chairs the Interagency Management Group. Representatives from the following organizations participate in the Group:

- A. California State Fire Marshal
- B. California Highway Patrol
- C. The task group within OES responsible for data processing
- D. California Fire Incident Reporting System (CFIRS) Advisory Committee
- E. California Fire Chiefs' Association (CFCA)
- F. State Department of Health Services

Process Within the Interagency Management Group - The Interagency Management Group meets bimonthly to review the data collection form, information handling system, and the output reports. It also evaluates input from other local and state agencies. Every effort will be made to respond to the concerns of interested agencies. As the CHMIR System evolves, the Management Group may seek expertise from other organizations or agencies.

Instructions for Completing the CHMIRS Form

KEY INFORMATION

WHICH HAZ-MAT INCIDENTS ARE REPORTABLE TO CHMIRS?

With the following categorical exceptions, any incident, which involves the release or threatened release of hazardous materials and to which your agency would normally respond and assign an incident number, should be reported to CHMIRS.

Categorical Exceptions:

- A. Petroleum spills of less than 42 gallons from vehicular fuel tanks;**
- B. Sewage overflows; and**
- C. Leaks in low-pressure fuel lines to residential properties.**

WHO SHOULD FILL OUT A CHMIRS FORM?

The agency responsible for command or management of the incident should fill out the form.

WHERE DO I GET CHMIRS FORMS AND MANUALS?

The fire service may obtain forms by contacting the California State Fire Marshal or OES.

The California Highway Patrol should contact the Commercial Vehicle Housing Hazardous Materials Section of the CHP at (916) 445-1865 for the latest policies and procedures.

Local law enforcement, administering agencies, and all other agencies may request forms and instruction manuals from the State OES Hazardous Material Division at (916) 845-8911 or agencies may write to OES at the address below.

WHEN DO I SUBMIT COMPLETED CHMIRS FORMS?

Completed forms should be submitted as soon as possible after the completion of an incident. The forms must be submitted at least monthly.

WHERE DO I SEND COMPLETED CHMIRS FORMS?

Fire services should forward completed CHMIRS forms to:

**California State Fire Marshal - Attn: CFIRS
P.O. Box 944246
Sacramento, CA 95823
(916) 262-1886**

The California Highway Patrol should forward completed CHMIRS forms to:

**California Highway Patrol
Hazardous Materials Section
2555 First Street
Sacramento, CA 95804**

All other agencies should forward completed CHMIRS forms to:

**Office of Emergency Services
Hazardous Material Division
2800 Meadowview Road
Sacramento, CA 95832**

Instructions

- 1. Provide as much information as possible, but in all cases, complete all sections containing shaded boxes. Forms submitted without required information will be returned for completion. If you do not know the answer to a specific section, enter unknown (UNK) or draw a line through that section.**
- 2. If there are no incidents in your jurisdiction during a given month, a no incident report (NIR) must be submitted. Complete Sections A and L and indicate there were no incidents by writing "NIR for (month and year)," "No Incidents for (month and year)," or something similar anywhere on the form.**

Deleting or Changing a Previously Submitted CHMIRS Report

- 1. If a previously submitted CHMIRS report is determined to be erroneous and needs to be deleted from the database, use the following procedure:**
 - A. Mark the DELETE box in the upper right hand corner of a new form;**
 - B. Enter all information in sections A, B, C, and L; and**
 - C. Forward the report to OES.**

EXAMPLE:

EXAMPLE: CALIFORNIA HAZARDOUS MATERIAL INCIDENT REPORT

OES 1/81
 CHANGE 1
 DELETE 2

A	AGENCY NAME SANTA LUCIA FD	AGENCY ID NO. 5910210	AGENCY INCIDENT I.D. 6275	AGENCY PHONE NO. (221) 427-9898	OES CONTROL NO. 19174
B	INCIDENT DATE MO DAY YEAR 01 10 1991	TIME NOTIFIED 11044	TIME COMPLETED 10329	DATE COMPLETED (IF DIFFERENT) 01 10 29	MO DAY YEAR 01 10 29
C	INCIDENT ADDRESS/LOCATION 2211 WEST AVE		CITY/COMMUNITY SANTA LUCIA	COUNTY SANTA LUCIA	ZIP 99222
L	REPORTING OFFICER NAME/ID NO. (PRINT OR TYPE) R.L. JONES #17		DATE 1/5/91	COMMENTS ON BACK? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	

2. If the information on a previous submitted report needs to be changed or updated, use the following procedure:
 - A. Mark the CHANGE box in the upper right corner of a new form (see above example).
 - B. Complete the form making the necessary change(s) and forward to OES using the specified route.

SECTION A

The information in this section identifies the agency submitting the report. This section must be completed.

1. **Agency Name:** The name of your agency.
2. **Agency ID No.:** The identification number of your agency, as established by the CHMIRS Management Group.
 - a. Fire services will use their CFIRS code, a five-digit identification code established by the California Fire Incident Reporting System.
 - b. CHP participants will use their established ID numbers.
 - c. Law enforcement agencies (with the exception of the CHP), health services, local offices of emergency services, and other responding agencies will use the identification number assigned by the CHMIRS Management Group. If your agency does not have an identification number, call the Office of Emergency Services at (916) 845-8911 to obtain one.
3. **Agency Incident No.:** The number assigned to the incident by your agency. This number is used to identify the incident in your agency's records and investigations.

4. **Agency Phone No.:** Your agency's phone number. Please enter the phone number where the hazardous material data coordinator may be reached.
5. **OES Control No.:** The OES control number is assigned by the State OES Warning Control Center. The assignment is made when the controller receives a phone notification of a hazardous material incident.

The OES control number will be used for systematic coordination and data management of all hazardous material incidents throughout the state. The OES control number will provide a distinct identification number for an incident that will be used by all agencies responding to that incident. This will allow OES to correlate reports from different agencies on the same incident. To notify the OES Warning Controller, call 1-800-852-7550.

EXAMPLE:

A	AGENCY NAME SANTA LUCIA FD	AGENCY ID NO. 5910210	AGENCY INCIDENT NO. 6275	AGENCY PHONE NO. 621427-9898	OES CONTROL NO. 119743
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Section B

1. **Incident Date:** The date the incident actually occurred. Enter the month, day, and year using two-digit numbers.
2. **Time Notified:** The time your agency was notified of the incident. Enter the 2400-hour time.
3. **Time Completed:** The time your agency completed its response activities. Enter the 2400-hour time.
4. **Date Completed (if different):** The date your agency officially terminated its response activities. Enter only if the response activities were extended to the next day or later. Enter the month, day, and year using two-digit numbers.

EXAMPLE:

B	INCIDENT DATE	MO	DAY	YEAR	TIME NOTIFIED	TIME COMPLETED	DATE COMPLETED (IF DIFFERENT)	MO	DAY	YEAR
		10	10	1191	11044	10329		10	10	2911

Section C

1. **Incident Address/Location:** The street address where the incident occurred. If the incident took place on a roadway or highway, enter the highway number or name along with the distance to and direction of the nearest reference point (town, mile marker, off ramp, etc.).
2. **City/Community:** The name of the city or community in which the incident occurred. If the incident occurred in an unincorporated area, enter UNINC.
3. **County:** The county name where the incident occurred.
4. **Zip:** Enter the 5-digit zip code where the incident occurred, if known.

EXAMPLE:

	INCIDENT ADDRESS/LOCATION	CITY/COMMUNITY	COUNTY	ZIP
C	2211 WEST AVE	SANTA LUCIA	SANTA LUCIA	99222

Section D

1. **Weather:** General weather conditions at the time of the incident. Check the descriptor(s) that best characterize(s) the weather at the time of release. If none of the descriptors listed best characterize the weather at the time of the incident, check OTHER and enter the appropriate descriptor. If the weather conditions at the time of the incident are not known (i.e., incident discovered days after actual occurrence as in the case of illegal dumping), check UNKNOWN.

Enter the actual or estimated air temperature (in degrees Fahrenheit) at the time of the incident. If the temperature at the time of the incident is not known, enter UNK.

2. **Property Use:** Descriptors of the general usage of the incident location and surrounding area. Use the codes listed on the reverse of the form. If none of the descriptors listed best characterize the property use or surrounding area, enter 099 for OTHER and explain in the comments section.

Indicate the property management or ownership, either federal, state, county, city government, or private. If unable to determine, check unknown.

EXAMPLE:

WEATHER (CHECK BEST DESCRIPTOR(S))			PROPERTY USE (USE CODES ON REVERSE)	
D	1 CLEAR	5 HAIL, SLEET	6 <input checked="" type="checkbox"/> HIGH WIND	PROPERTY USE <u>500</u>
	3 <input checked="" type="checkbox"/> RAIN	8 ELECTRICAL STORM	9 OTHER	
	4 SNOW	7 FOG	0 UNKNOWN	
ESTIMATED TEMPERATURE <u>42</u> (Deg. F)			PROPERTY MANAGEMENT <input type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> COUNTY <input type="checkbox"/> CITY <input checked="" type="checkbox"/> PRIVATE <input type="checkbox"/> UNKNOWN	

Section E

- 1. Release Factors:** Factors that contributed to the release or threatened release of the material. Check the descriptor(s) that best characterize(s) the factor(s) that caused the incident. If there was no release of hazardous materials, check NO RELEASE. If the descriptors provided do not include the actual release factors pertaining to the incident, check OTHER and enter the appropriate descriptor in the space provided.

Definitions:

11 Intentional Act: Evidence is present that leads the reporting person to conclude that the hazardous material was deliberately released.

12 Suspicious Act: Physical evidence indicates the possibility that the hazardous material was deliberately released but insufficient evidence exists to conclude that it was intentional and may require additional investigation.

30 Failure to Control Hazmat: Includes failure to maintain proper storage or use temperature; falling asleep and losing control of operations; inadequate control of hazardous materials - including improper transfer and overfilling of a container; person impaired by drugs or alcohol while controlling hazardous materials; person otherwise impaired - including unconsciousness, mental/physical impairment. Includes vehicular movement of hazardous materials.

31 Abandoned: Discarded hazardous material - excluding intentional acts.

40 Misuses of Hazmat: Includes improper mixing technique - includes mixing and compounding of chemicals; hazardous materials used improperly - includes chemicals used for the wrong purpose; improper container - includes containers not designed for the hazardous material contained therein; improper storage procedures - includes storage near heating equipment and moving parts; children playing with hazardous materials and having no knowledge of the dangers of hazardous materials - excluding intentional acts.

50 Mechanical Failure: Automatic control failure; manual control failure; short circuit, ground fault; other part failure, leak, break,; other electrical failure; lack of maintenance, worn out - includes failure to maintain hazardous materials handling equipment.

60 Design, Construction, Installation Deficiency: Design deficiency - includes structures and containers improperly designed for the specific hazardous material; construction deficiency - includes improperly built structures and containers; installation deficiency - includes improper installation of equipment for handling or processing hazardous materials.

70 Operational Deficiency: Accidentally turned on, not turned off; equipment unattended; equipment overload; failure to clean equipment; improper startup, shutdown procedures; equipment used for purpose not intended; equipment not being operated properly - includes situations where safety or control devices are bypassed.

71 Collision/Overturn: Collision, overturn, knockdown - includes automobiles, vehicles.

80 Natural Condition: For use where the natural condition, e.g. high wind; earthquake; high water, flood; lightning; low humidity; high humidity; low temperature; high temperature, etc., changed a normally safe operation into an unsafe one.

94 Fire/Explosion: Includes releases of hazardous material as a result of an explosion and/or fire.

98 No Release

99 Other - Explain in space provided or in comments section on reverse of form.

00 Undetermined

2. Type of Equipment Involved: The equipment used that may have directly contributed to the release or threatened release of the material. Check the descriptor(s) that describe(s) the equipment involved in the incident. If there was no equipment involved, check NO EQUIP INVOLVED. If the descriptors provided do not include the type of equipment involved, check OTHER and enter the appropriate descriptor in the space provided.

Definitions:

10 Heating System: Includes central heating units; water heaters; fixed stationary local heating unit - includes wall furnaces, unit heaters, room heaters, fixed heating stoves, fireplace insert stoves, wood burning stoves, and baseboard heaters; indoor fireplace; portable local heating units - includes space heaters, room heaters, and portable salamanders; chimney, gas vent flue; chimney connector, vent connector; heat transfer system.

30 Air Conditioning/Refrig: Includes central air conditioning, refrigeration equipment; water cooling device, tower - includes evaporative coolers; fixed, stationary local air conditioning unit; portable air conditioning, refrigeration unit.

77 Chem Processing Equip: Includes digesters, reactors, black liquor recovery units, and distilling equipment.

78 Waste Recovery Equip: Includes gasketing and solvent recovery equipment.

96 Hazmat Transfer Equip: Includes piping, valves, and storage containers.

97 Vehicular Fuel System: Includes auxiliary fuel tanks.

98 No Equipment Involved

99 Other - Explain in space provided or in comments section on reverse of form.

00 Undetermined

3. Mobile Property Type: Complete if the incident involved mobile property or vehicles, which were transporting hazardous materials. Check the descriptor(s) that describe(s) the mobile property involved and enter all pertinent information in Section K. If there was no mobile property involved, check NO MOBILE PROPERTY INVOLVED. If the descriptors do not include the mobile property type, check OTHER and enter the description in the space provided.

Definitions:

10 Passenger Veh/Road: Motor vehicles such as automobiles, buses, or mobile homes used primarily for transporting or housing people - includes abandoned vehicles. Automobile - includes taxicabs, limousines, race cars and ambulances; bus, trackless trolley - includes school buses; all terrain vehicles - includes motorcycles, golf carts, snowmobiles and dune buggies; motor home - includes pickup truck mounted campers and bookmobiles; travel trailer; camping trailer;

mobile home, mobile building - includes mobile classrooms, mobile banks, mobile office buildings, whether on wheels, off their wheels on jacks, or on a foundation.

20 Freight Veh/Road: Vehicles primarily for transporting goods - includes abandoned vehicles. General use trucks - includes solid chassis trucks, mail trucks, dump trucks, and fire apparatus; general use small trucks - includes pickups, wagons, and non-motorized hauling rigs; semi trailer with or without tractor; tank truck for nonflammable cargo; tank truck for flammable or combustible liquid, chemical; tank truck for compressed gas or LP-gas; trash truck - includes refuse rendering and waste collection vehicles.

30 Rail Transport Veh: Railroad, subway, railway, trolley car, and other rail vehicles.

40 Water Trans Vessel: Includes all water vessels, irrespective of ownership.

50 Air Transport Veh: Transport by air of passengers and/or freight, whether by regular services or by private charter.

60 Heavy Equip-Indust/Agri: Earth moving equipment - includes bulldozers, shovels, graders, scrapers, trenchers, and plows; construction equipment - includes water drilling equipment, pile drivers, tunneling equipment, air compressors, etc.; materials handling equipment - includes fork lifts, industrial tow motors, loaders, and stackers; crane; tractor, harvester, picker, agricultural application devices; drilling rig for petroleum and gas only.

98 No Mobile Property Involved

99 Other - Explain in space provided or in comments section on reverse of form.

00 Undetermined

EXAMPLE:

RELEASE FACTORS (CHECK BEST DESCRIPTOR/S)		TYPE OF EQUIPMENT INVOLVED	MOBILE PROPERTY TYPE
11 INTENTIONAL ACT	70 OPERATIONAL DEFICIENCY	10 HEATING SYSTEMS	10 PASSENGER VEH/ROAD
12 SUSPICIOUS ACT	71 COLLISION/OVERTURN	20 AIR CONDITION/REFRIG	20 FREIGHT VEH/ROAD
30 FAILURE TO CONTROL HAZMAT	80 NATURAL CONDITION	77 CHEM PROCESSING EQUIP	30 RAIL TRANSPORT VEH
31 ABANDONED	84 FIRE/EXPLOSION	78 WASTE RECOVERY EQUIP	40 WATER TRANS VESSEL
40 MISUSE OF HAZMAT	86 NO RELEASE	86 HAZMAT TRANSFER EQUIP	50 AIR TRANSPORT VEH
50 MECHANICAL FAILURE	88 OTHER	87 VEHICULAR FUEL SYSTEM	60 HEAVY EQUIP-INDUST/AGRI
60 DESIGN, CONSTRUCTION, INSTALLATION DEFICIENCY	90 UNDETERMINED	88 NO EQUIP INVOLVED	86 NO MOBILE PROPERTY INVOLVED
		89 OTHER	88 OTHER
		90 UNDETERMINED	90 UNDETERMINED

Section F

- Actions Taken:** Your agency's response activity or participation in the incident. Check the descriptor(s) that best describe(s) the response activity during the incident. If no action was taken during the response, check NO ACTION TAKEN. If the descriptors provided do not include the actions your agency took, check OTHER and enter the appropriate descriptor(s) in the space provided.

Definitions: THE DESCRIPTIONS ARE SELF-EXPLANATORY, EXCEPT THE FOLLOWING:

41 Remove Hazard: Includes neutralizing a hazardous condition. Excluded is decontamination of occupancy/area (47) and contain/control hazmat (48).

47 Decon-Area: Includes cleanup of hazardous materials.

48 Contain/Control Hazmat: Includes plugging a leak, building a dike, turning off a valve, stopping or containing the flow.

EXAMPLE:

ACTIONS TAKEN (CHECK BEST DESCRIPTOR(S))			
31 ___ RESCUE, REMOVE FROM HARM	42 <input checked="" type="checkbox"/> ANALYSIS OF HAZMAT	48 ___ CONTAIN/CONTROL HAZMAT	73 ___ SHUT DOWN SYSTEM
32 ___ EXTRICATION, DISENTANGLEMENT	43 ___ EVACUATION	61 ___ CROWD CONTROL	82 ___ SECURE PROPERTY
33 <input checked="" type="checkbox"/> EMERGENCY MEDICAL SERVICES	44 ___ ESTABLISH SAFE AREA	62 ___ TRAFFIC CONTROL	83 <input checked="" type="checkbox"/> REFER TO PROPER AUTHORITY
35 ___ SEARCH	45 ___ MONITOR	63 <input checked="" type="checkbox"/> NOTIFY OTHER AGENCY	86 ___ NO ACTION TAKEN
36 ___ TRANSPORT	46 <input checked="" type="checkbox"/> DECON-PERSON/EQUIP	64 ___ PROVIDE PUBLIC INFO	87 ___ HAZMAT RESPONSE, MATERIAL DETERMINED TO BE NONHAZARDOUS
41 ___ REMOVE HAZARD (NEUTRALIZE)	47 <input checked="" type="checkbox"/> DECON-AREA (CLEANUP)	71 ___ INVESTIGATE	99 ___ OTHER _____

Section G

(NOTE: THIS SECTION HAS ROOM TO PRESENT DATA FOR UP TO TWO MATERIALS.)

- Chemical or Trade Name:** A standard chemical name or trade name by which the hazardous material is identified. Enter the common chemical or trade name of the material released and/or at risk. If the substance is a mixture, print the chemical name of the component that most influenced your response and mitigation efforts. If you are unable to identify the material, enter UNKNOWN.
- DOT ID No.:** A four-digit identification number assigned to the material by the U. S. Department of Transportation (DOT). This number is recognized internationally and is in agreement with the United Nations coding system. Enter the four-digit identification number. This number may be obtained from the DOT Emergency Response Guidebook, 1990 edition (P 5800.5) or from placards, shipping papers, manifests, Material Safety Data Sheets, or Title 49 Code of Federal Regulations (CFR) parts 100 to 177, or 40 CFR parts 100 to 189.

3. **DOT Hazard Class:** The division or classification that best describes the potential hazard associated with the substance. Enter either the Hazard Class or Division number. These may be obtained from the DOT Emergency Response Guidebook or any available reference material listing United Nations Hazard Class or Division numbers. The classifications are: 1 - Explosives; 2 - Gases; 3 - Flammable liquids; 4 - Flammable solids, spontaneously combustible materials, and materials that are dangerous when wet; 5 - Oxidizers and organic peroxides; 6 - Poisonous and etiologic (infectious) materials; 7 - Radioactive materials; 8 - Corrosives; and 9 - Miscellaneous hazardous materials.
4. **CAS No.:** A numeric designation assigned by the American Chemical Society's Chemical Abstracts Service (CAS) Registry System. This number provides reference to the chemical. The registry number itself has no chemical significance; it is a machine-checkable number assigned in sequential order to each substance as it enters the registry system. If the material was identified, enter the Chemical Abstract Service Number. The number may be obtained from Material Safety Data Sheets, hazardous materials dictionaries or reference books, the Chemical Abstract Service Registry Handbook, the Merck Index's latest edition, or private and governmental computer-based chemical information-retrieval systems.
5. **Physical State Stored:** The physical state of the material as it existed when stored. Check the number that best describes the material's physical state before it was released from its container or while it posed a threat of release: (1) solid, (2) liquid, or (3) gas.
6. **Physical State Released:** The physical state of the material after it was released. Check the number that best describes the material's physical state after it was released from its container: (1) solid, (2) liquid, or (3) gas. If there was no release, enter N/A (not applicable).
7. **Quantity Released:** The amount of material released, if any. The quantity may be expressed in units of pounds (lbs.), gallons (gal.), or cubic feet (cu.ft.). If the material is not normally measured in the specified units, write in the appropriate unit.
8. **Environmental Contamination:** The general environmental area that was affected or contaminated by the released hazardous material. Check the most appropriate descriptor for the part of the environment affected during the release: (1) air, (2) water, (3) ground. If the descriptors provided do not include the type of environmental contamination, check OTHER and enter the appropriate description on the reverse of the form.

9. **Extent of Release:** The area which the material covered, extended to, or encompassed when it was released. Enter the single-digit code for the extent of the release from the list on the reverse of the form. If there was no release of the material, enter 8 for NO RELEASE. If the offered codes do not include the extent of release, enter 9 for OTHER and enter the appropriate description in the comments section on the reverse of the form. If the extent of release is unknown, enter 0 for UNDETERMINED.
10. **Container Description:** A description of the container in which the hazardous material was located before release or while posing a threat of release. Check the appropriate container description from the choices listed.
- a. **Fixed:** the container is securely placed, fastened, or set in a certain location and made immovable, e.g., a 1 million gallon acid storage tank;
 - b. **Portable:** the container can be carried around, e.g., a 1-gallon plastic jug or bottle;
 - c. **Mobile:** the container can be moved by motor or machine, e.g., a 10,000 gallon diesel tank on a tractor trailer combination.

Also check one of the following, if known: (1) insulated, (2) pressurized, or (3) armored.

11. **Container Type:** Configuration of the container used to hold the material. Enter the two-digit code of the container type from the list on the reverse of the form. If there was no container involved, enter 98 for NO CONTAINER. If the list provided does not describe the container involved, enter 99 for OTHER and enter the appropriate description in the comments section on the reverse of the form. If the container type is unknown, enter 00 for UNDETERMINED.
12. **Level of Container:** Describe the level of the container in relation to the surface of the ground. Enter the two-digit code from the list on the reverse of the form that identifies the level or location of the container in relation to the surface of the ground.
13. **Container Material:** The material of which the container was made. Enter the single-digit code that describes the container material from the list on the reverse of the form. If the list does not include the container material, enter 9 for OTHER and provide the description in the comments section on the reverse of the form. If there was no container involved, enter 8 for NO CONTAINER. If you are unable to identify the container material, enter 0 for

UNDETERMINED.

14. **Container Capacity:** The specific quantity the container was designed to accommodate, contain, hold, or store. Enter the container capacity and indicate the units by checking the box for either (1) lbs. (pounds), (2) gal. (gallons), or (3) cu.ft. (cubic feet).

EXAMPLE:

CHEMICAL OR TRADE NAME (PRINT OR TYPE) ETHYL ETHER		DOT ID NO. 1155	DOT HAZARD CLASS 3	CAS NO. 60-
PHYSICAL STATE STORED 1__ SOLID 2 <input checked="" type="checkbox"/> LIQUID 3__ GAS	PHYSICAL STATE RELEASED 1__ SOLID 2 <input checked="" type="checkbox"/> LIQUID 3__ GAS	QUANTITY RELEASED 1__ lb. 2__ gal. 3__ cu.ft. 5	ENVIRONMENTAL CONTAMINATION 1__ AIR 3 <input checked="" type="checkbox"/> GROUND 2__ WATER 4__ OTHER EXTENT OF RELEASE 6	
CONTAINER DESCRIPTION 1__ FIXED 2 <input checked="" type="checkbox"/> PORTABLE 3__ MOBILE		(USE CODES ON REVERSE) CONTAINER TYPE L3 LEVEL OF CONTAINER LL CONTAINER MATERIAL 07		CONTAINER CAPACITY 1__ lb. 2 <input checked="" type="checkbox"/> gal. 3__ cu. ft. 5
CHEMICAL OR TRADE NAME (PRINT OR TYPE) HYDROGEN CHLORIDE		DOT ID NO. 1050	DOT HAZARD CLASS 2	CAS NO. 7647-01-0
PHYSICAL STATE STORED 1__ SOLID 2__ LIQUID 3 <input checked="" type="checkbox"/> GAS	PHYSICAL STATE RELEASED 1__ SOLID 2__ LIQUID 3 <input checked="" type="checkbox"/> GAS	QUANTITY RELEASED 1__ lb. 2__ gal. 3 <input checked="" type="checkbox"/> cu.ft. 25	ENVIRONMENTAL CONTAMINATION 1 <input checked="" type="checkbox"/> AIR 3__ GROUND 2__ WATER 4__ OTHER EXTENT OF RELEASE 7	
CONTAINER DESCRIPTION 1__ FIXED 2 <input checked="" type="checkbox"/> PORTABLE 3__ MOBILE		(USE CODES ON REVERSE) CONTAINER TYPE L2 LEVEL OF CONTAINER LL CONTAINER MATERIAL 01		CONTAINER CAPACITY 1__ lb. 2 <input checked="" type="checkbox"/> gal. 3__ cu. ft. 50

Section H

MORE THAN 2 SUBSTANCES INVOLVED?

If there were more than two substances at risk or released, check YES and list the other substance(s) on the reverse of the form in the comments section. If there is not enough space for all the substances involved, list them on a separate sheet of paper and attach to the report. If there were two substances or less, check NO.

EXAMPLE:

H	MORE THAN 2 SUBSTANCES INVOLVED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	(USE ADDITIONAL INFORMATION ON REVERSE SIDE)
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Section I

SPECIAL STUDIES

The special studies section is designed to collect data that is not currently being collected for a temporary period (3-6 months) on elements that may be posing unusual or significant problems to either response personnel or the public. State OES will send specific instructions for the "State Use" portion of this section to all participating agencies as needed. Local participating agencies can make use of the "Local Use" portion for their own in-house studies.

EXAMPLE:

I	SPECIAL STUDIES	LOCAL USE	1. A B C D	2. A B C D	3. A B C D	STATE USE	4. A B C D	5. A B C D	6. A B C D
---	-----------------	-----------	------------	------------	------------	-----------	------------	------------	------------

55

Section J

1. **Hazmat Identification Sources:** This section is divided into two parts. Part 1 will specify who (personnel) identified the material and Part 2 will specify how (reference material) the hazardous material(s) or substance(s) was identified.

Check the appropriate source(s) in the list provided for both personnel and reference material.

Personnel:

19 **On-Site Fire Services:** Fire service personnel (paid and/or volunteer) assigned to respond or perform duties at the site of the incident.

29 **Off-Site Fire Services:** Fire service personnel (paid and/or volunteer) who were not physically at the site of the incident.

40 **On-Site Non-Fire Services:** Persons involved in the incident on-site who are not fire service personnel. Included are police, utility company employees, non-fire service medical personnel, and civilian, whether occupants or bystanders.

60 **Off-Site Non-Fire Services:** Persons not physically at the site of the incident and not fire service personnel.

54 Chemist: A professional involved in the field of chemistry.

58 Tox Center: 1) Various agencies that provide information on household consumer-oriented products of a toxic nature or 2) various agencies, such as the Northridge Tox Center, that provide information on industrially-oriented hazardous chemicals.

59 Chemtrec: Industrial service that can provide immediate hazard information, warnings, and guidance for emergencies involving chemicals.

99 Other: Explain in space provided or in comments section on reverse of form.

Reference Material:

21 DOT Manual: U. S. Department of Transportation Emergency Response Guidebook (DOT P 5800.5, 1990 Edition (or most current).

23 MSDS (Material Safety Data Sheets): Documents prepared by chemical companies as part of OSHA Hazard Communication Standards which list various attributes regarding a specific hazardous material.

24 Placards/Signs: Placards or signs that were present at the scene and used to identify the material(s) involved.

25 Private Info Sources: Any person or any company your agency calls upon or retains from the private sector to give information or advice leading to the identification of the material(s).

26 Computer Software: Any hazardous materials database software resident in your agency's computers or those of other agencies responding to the incident.

27 Shipping Papers: Papers accompanying the transport of the material(s). Bear in mind that shipping papers may also be useful in an incident which occurs at a fixed facility.

98 No Reference Material Used

99 Other: Explain in space provided or in comments section on reverse of form.

2. Hazmat Casual Ties: The number of responding agency and other personnel (including the public) who were decontaminated, injured, or who died as a result of exposure to or contact with the hazardous material involved. Enter the appropriate numbers in the spaces provided. If there were no casualties, indicate by either entering 0's, drawing a line through the section, entering

the word NONE or Not Applicable, etc..

EXAMPLE:

HAZMAT IDENTIFICATION SOURCES (CHECK BEST DESCRIPTORS)		HAZMAT CASUALTIES				
J	PERSONNEL	REFERENCE MATERIAL				
	19 <input checked="" type="checkbox"/> ON-SITE FIRE SERVICES	21 <input checked="" type="checkbox"/> DOT MANUAL	RESPONDING AGENCY PERSONNEL	NUMBER OF DECONTAMINATED	NUMBER OF INJURIES	NUMBER OF FATALITIES
	20 <input type="checkbox"/> OFF-SITE FIRE SERVICES	22 <input type="checkbox"/> MSDS		---	---	---
	40 <input checked="" type="checkbox"/> ON-SITE NON-FIRE SERVICES	24 <input checked="" type="checkbox"/> TAGS/CARDS/SIGNS	OTHERS	---	---	---
	80 <input type="checkbox"/> OFF-SITE NON-FIRE SERVICES	25 <input type="checkbox"/> PRIVATE INFO SOURCE		---	---	---
	54 <input type="checkbox"/> CHEMIST	26 <input type="checkbox"/> COMPUTER SOFTWARE		---	---	---
	56 <input type="checkbox"/> TOX CENTER	27 <input type="checkbox"/> SHIPPING PAPERS		---	---	---
	58 <input type="checkbox"/> CHEMTRAC	88 <input type="checkbox"/> NO REFERENCE MATERIAL USED		---	---	---
	96 <input type="checkbox"/> OTHER _____	89 <input type="checkbox"/> OTHER _____		---	---	---

Section K

(NOTE: THIS SECTION IS COMPLETED IF THE INCIDENT INVOLVED A VEHICLE OR MOBILE PROPERTY.)

- Vehicle Make/Year:** The make and year of the vehicle involved in the incident.
- Vehicle License No.:** The license plate number of the vehicle involved in the incident.
- State:** The two-letter state abbreviation on the license plate of the vehicle involved in the incident.
- Vehicle ID No. (VIN):** The identification number of the vehicle provided by the manufacturer and usually located on the dashboard.
- CA/DOT/PUC/ICC No.:** These numbers are issued to carriers hauling for hire. Enter one number for identification purposes. The order of preference is CA, issued by the California Highway Patrol; DOT by the Department of Transportation; PUC by the Public Utilities Commission; or ICC by the Interstate Commerce Commission.
- Company Name:** Name of the company that owns the vehicle which was involved in the incident.

EXAMPLE:

	VEHICLE MAKE/YEAR	VEHICLE LICENSE NO.	STATE	VEHICLE ID NO. (VIN)	CA/DOT/PUC/ICC NO.	COMPANY NAME
K	FORD/83	2P/2345	CA	UNK	CA 973	Smith Co

Section L

1. **Reporting Officer Name/ID No.:** The name and/or the identification number of the person or officer completing the CHMIRS form.
2. **Date:** The date the CHMIRS form was completed, which may be different than the Incident Date.
3. **Comments on Back?:** Check either YES or NO, whichever is appropriate.

EXAMPLE:

L	REPORTING OFFICER NAME/ID NO. (PRINT OR TYPE)	DATE	COMMENTS ON BACK?
	R. L. JONES #17	1/5/91	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

REVERSE SIDE OF THE FORM PROVIDES:

1. A listing of various codes for the different sections which should be used when completing the form.
2. A space for comments when additional space is needed or when providing a summary of the incident.
3. A list of important instructions for use when the instruction manual is not readily available.

STATE OF CALIFORNIA
 OFFICE OF EMERGENCY SERVICES
 STATE WARNING CENTER
 VERBAL NOTIFICATION

DTG _____
 COUNTY _____

HAZARDOUS SUBSTANCE SPILL REPORT

NOTIFIED OES _____ PHONE _____
 REPORTED BY _____ PHONE _____
 SUBSTANCE _____ QTY _____

SPILL SITE: P/L _____ SHP _____ RD _____ O/F _____ REF _____ R/R _____ S/S _____ IND PLT _____ DTG OCC/FND _____

LOCATION _____ ZIP _____

WHAT HAPPENED _____

CONTAINMENT/CLEANUP/WATER INVOLVED _____

RECEIVED BY _____

LCL AGENCIES ON SCENE/NTD: FD _____ SO _____ PD _____ CO DOH/HW _____ CO OES _____ AIR/Q _____ NRC _____

STATE AGENCIES			AGENCIES NOTIFIED			LOCAL AGENCIES & SPEC DISTRICTS			
	NAME	TIME		NAME	TIME		NAME	TIME	
	DFG	_____		F & A	_____		DOH/CO	_____	
	RWQCB	_____		CDF	_____		E B PARKS	_____	
	SFM P/L	_____		DPR	_____		UC S BARB	_____	
	DOG	_____		ST BAR	_____		FRESNO CO	_____	
	LANDS	_____		FEDERAL AGENCIES				HUMBOLDT CO	_____
	DHS/ST	_____		EPA	_____		LA CO FLOOD	_____	
	CAL/OSHA	_____		USCG	_____		SBDO CO	_____	
	PUC	_____		USFWS	_____		SOLANO CO	_____	
	CHP	_____		FEMA IX	_____		VENTURA CO	_____	
	CALTRANS	_____		OTHER	_____		SF FD	_____	

CALIFORNIA HAZARDOUS MATERIAL INCIDENT REPORT

DEC 1981

CHANGE 1
DELETE 2

A	AGENCY NAME		AGENCY ID NO.		AGENCY INCIDENT NO.		AGENCY PHONE NO.		OEN CONTR. NO.		
	INCIDENT DATE		MO	DAY	YEAR	TIME NOTIFIED	TIME COMPLETED	DATE COMPLETED (IF DIFFERENT)		MO	DAY
C	INCIDENT ADDRESS/LOCATION					CITY/COMMUNITY		COUNTY		ZIP	

D	WEATHER (CHECK BEST DESCRIPTORS)					PROPERTY USE (USE CODES ON REVERSE)					
	1 CLEAR	5 HAIL/SLEET	8 HIGH WIND			PROPERTY USE		SURROUNDING AREA			
	3 RAIN	6 ELECTRICAL STORM	9 OTHER								
		4 SNOW	7 FOG	0 UNKNOWN							
ESTIMATED TEMPERATURE _____ (Deg. F)					PROPERTY MANAGEMENT FEDERAL STATE COUNTY CITY PRIVATE UNKNOWN						

E	RELEASE FACTORS (CHECK BEST DESCRIPTORS)				TYPE OF EQUIPMENT INVOLVED				MOBILE PROPERTY TYPE															
	11 INTENTIONAL ACT	76 OPERATIONAL DEFICIENCY	96 HEATING SYSTEMS	18 PASSENGER VEH/ROAD	12 SUSPICIOUS ACT	77 COLLISION/OVERTURN	97 AIR CONDITION/REFNG	59 FREIGHT VEH/ROAD	30 RAIL TRANSPORT VEH	31 ABANDONED	80 NATURAL CONDITION	78 WASTE RECOVERY EQUIP	40 WATER TRANS VESSEL	50 AIR TRANSPORT VEH	40 MISUSE OF HAZMAT	81 FIRE/EXPLOSION	82 HAZMAT TRANSFER EQUIP	60 HEAVY EQUIP-INDUSTRIAL	60 NO MOBILE PROPERTY INCL. VEH	50 MECHANICAL FAILURE	82 NO RELEASE	83 VEHICULAR FUEL SYSTEM	60 OTHER	60 OTHER
		60 DESIGN, CONSTRUCTION, INSTALLATION DEFICIENCY	82 OTHER	88 UNDETERMINED	86 NO EQUIP INVOLVED	86 OTHER	88 UNDETERMINED	60 UNDETERMINED	60 UNDETERMINED															

F	ACTIONS TAKEN (CHECK BEST DESCRIPTORS)																						
	31 RESCUE, REMOVE FROM HARM	42 ID ANALYSIS OF HAZMAT	46 CONTAIN/CONTROL HAZMAT	73 SHUT DOWN SYSTEM	32 EXTRICATION, DISENTANGLEMENT	43 EVACUATION	61 CROWD CONTROL	82 SECURE PROPERTY	33 EMERGENCY MEDICAL SERVICES	44 ESTABLISH SAFE AREA	62 TRAFFIC CONTROL	82 REFER TO PROPER AUTHORITY	35 SEARCH	45 MONITOR	63 NOTIFY OTHER AGENCY	86 NO ACTION TAKEN	36 TRANSPORT	46 DECON-PERSON/EQUIP	64 PROVIDE PUBLIC INFO	87 HAZMAT RESPONSE MATERIAL DETERMINED TO BE NONHAZARDOUS	41 REMOVE HAZARD (NEUTRALIZE)	47 DECON-AREA (CLEANUP)	71 INVESTIGATE

G	CHEMICAL OR TRADE NAME (PRINT OR TYPE)			DOT ID NO.	DOT HAZARD CLASS	CAS NO.
	PHYSICAL STATE STORED	PHYSICAL STATE RELEASED	QUANTITY RELEASED	ENVIRONMENTAL CONTAMINATION		(USE CODES ON REVERSE)
	1 SOLID 2 LIQUID 3 GAS	1 SOLID 2 LIQUID 3 GAS	1 GAL 2 LBS 3 CLR	1 AIR 2 GROUND 3 WATER 0 OTHER	EXTENT OF RELEASE	
	CONTAINER DESCRIPTION		(USE CODES ON REVERSE)		CONTAINER CAPACITY	
1 FIXED 2 PORTABLE 3 MOBILE	1 INSULATED 2 PRESSURIZED 3 ARMORED	CONTAINER TYPE	LEVEL OF CONTAINER	CONTAINER MATERIAL	1 GAL 2 LBS 3 CLR	
CHEMICAL OR TRADE NAME (PRINT OR TYPE)			DOT ID NO.	DOT HAZARD CLASS	CAS NO.	
PHYSICAL STATE STORED	PHYSICAL STATE RELEASED	QUANTITY RELEASED	ENVIRONMENTAL CONTAMINATION		(USE CODES ON REVERSE)	
1 SOLID 2 LIQUID 3 GAS	1 SOLID 2 LIQUID 3 GAS	1 GAL 2 LBS 3 CLR	1 AIR 2 GROUND 3 WATER 0 OTHER	EXTENT OF RELEASE		
CONTAINER DESCRIPTION		(USE CODES ON REVERSE)		CONTAINER CAPACITY		
1 FIXED 2 PORTABLE 3 MOBILE	1 INSULATED 2 PRESSURIZED 3 ARMORED	CONTAINER TYPE	LEVEL OF CONTAINER	CONTAINER MATERIAL	1 GAL 2 LBS 3 CLR	

H MORE THAN 2 SUBSTANCES INVOLVED? YES NO (LIST ADDITIONAL INFORMATION ON REVERSE SIDE)

I	SPECIAL STUDIES	LOCAL USE	1 A B C D	2 A B C D	3 A B C D	4 A B C D	5 A B C D	6 A B C D	7 A B C D
			STATE USE						

J	HAZMAT IDENTIFICATION SOURCES (CHECK BEST DESCRIPTORS)				HAZMAT CASUALTIES			
	PERSONNEL	REFERENCE MATERIAL	RESPONDING AGENCY PERSONNEL		NUMBER OF DECONTAMINATED	NUMBER OF INJURIES	NUMBER OF FATALITIES	
19 ON-SITE FIRE SERVICES	21 DOT MANUAL							
20 OFF-SITE FIRE SERVICES	22 MSDS							
40 ON-SITE NON-FIRE SERVICES	24 PLACARDS/SIGNS							
80 OFF-SITE NON-FIRE SERVICES	25 PRIVATE INFO SOURCE							
54 CHEMIST	26 COMPUTER SOFTWARE							
58 TOX CENTER	27 SHIPPING PAPERS							
50 CHEMTRAC	28 NO REFERENCE MATERIAL USED							
88 OTHER	88 OTHER							

K	VEHICLE MAKE/YEAR	VEHICLE LICENSE NO.	STATE	VEHICLE ID NO. (VIN)	CA/DOT/PUC/CC NO.	COMPANY NAME

L	REPORTING OFFICER NAME/ID NO. (PRINT OR TYPE)	DATE	COMMENTS ON LACK?
			YES NO

APPENDIX B (1)

CODES

PROPERTY USE and SURROUNDING AREA TYPE				EXTENT OF RELEASE	
100 Public Assembly	762 Hazmat Chem Mfg	950 Railroad	1	Confined to Vehicle/Equipment	
200 Educational	767 Petroleum Refinery	961 Freeway	2	Confined to Room of Origin	
300 Health Care	800 Storage	962 County/City Road	3	Confined to Floor of Origin	
400 Residential	931 Open Land	963 Private Road	4	Confined to Structure of Origin	
500 Mercantile, Business	936 Vacant Lot	965 Rest Stop/Vista Point	6	Confined to Property Use of Origin	
600 Industrial, Utility	941 Open Sea	966 Scale/Inspection Facility	7	Release Beyond Property Use of Origin	
650 Agricultural	942 Harbor/Port	099 Other - Explain in comments section	8	NO RELEASE	
700 Manufacturing	946 Lake/Pond/River		9	Other - Explain in comments section	
			0	Undetermined	

CONTAINER TYPE		LEVEL OF CONTAINER	CONTAINER MATERIAL
11 Drum	31 Sump/Pit	11 Ground Level	1 Iron, Steel & Other Iron Alloys
12 Cylinder	32 Pond or Surface Impoundment	30 Above Ground	2 Aluminum & Aluminum Alloys
13 Can or Bottle	33 Well	40 Below Ground	3 Copper, Brass, Bronze, & Other Copper Alloys
14 Carboy	41 Vehicular Fuel Tank		4 Plastic/Fiberglass, Rigid
15 Box or Carton	98 NO CONTAINER		5 Plastic, Flexible
16 Bag	99 Other - Explain in comments section		6 Wood, Paper, Textile, & Cellulose Products
21 Tank or Silo (incl vehicle cargo tanks)	00 Undetermined		7 Glass, Pottery & Clay
22 Pipe			8 NO CONTAINER
24 Machinery or Process Equipment			9 Other - Explain in comments section
			0 Undetermined

COMMENTS:

IMPORTANT INSTRUCTIONS

- Incidents that involve the following shall not be reported:
1. Petroleum spills of less than 42 gallons from vehicular fuel tanks.
 2. Sewage overflows.
 3. Leaks in low-pressure fuel lines to residential properties.

CHANGE: If the information on a previously submitted form needs to be changed mark the CHANGE box and submit form with the correct information.

DELETE: If a certain report needs to be deleted from the database mark the DELETE box, complete sections A, B, C, and L, and submit form.

NOTE: IF ALL SECTIONS CONTAINING SHADED BOXES ARE NOT COMPLETED, THE FORM WILL BE RETURNED FOR COMPLETION

SECTION

- A** OES Control No. is assigned when making phone notification to OES Warning Center. [Phone 1-800-852-7550 or (916) 427-4341].
- B** Enter the date (month, day and year), notification and completion time of the incident (use 2400 hr clock). Enter completion date, if different from incident date.
- D** Check the appropriate weather descriptor(s) at the time of the incident and indicate the approximate temperature in ° F.
- E** Enter property use and surrounding area codes. Indicate the entity responsible for property management.
- F** Check the item(s) that describe(s) the cause of the incident, the type of equipment involved in the incident, and the mobile property type, if any.
- F** Check the item(s) that indicate(s) which action(s) you took as a responder to the incident.
- G** List the chemical or the trade name(s) of the hazardous material(s) involved in the incident. Include information required in the boxes. Check the information in the box(es) that describe(s) the hazardous material. Use the appropriate codes for Extent of Release, Container Type, Level of Container, and Container Material.
- H** If more than two (2) hazardous materials were involved check YES and enter the information in the comments section.
- I** This section is used for special studies. The first three numbers are for your agency's use; the last three are for state use. Leave blank unless otherwise directed.
- J** Check item(s) describing who identified the material and how it was identified. Enter number of hazardous material casualties suffered by responding agency personnel and others (including the public) in spaces provided.
- K** If vehicle/mobile property was involved in the incident, enter information about that vehicle.
- L** Print your full name or your ID number and enter the date of report. Mark Yes or No to indicate whether there are additional comments.

INCIDENT COMMAND SYSTEM

HAZARDOUS MATERIALS OPERATIONAL SYSTEM DESCRIPTION (ICS-HM-120-1)

Introduction

The hazardous materials organizational module is designed to provide an organizational structure that will provide necessary supervision and control for the essential functions required at virtually all hazardous materials incidents. This is based on the premise that controlling the tactical operations of companies and movement of personnel and equipment will provide a greater degree of safety and also reduce the probability of spreading of contaminants. The primary functions will be directed by the Hazardous Materials Group Supervisor, and all resources that have a direct involvement with the hazardous material will be supervised by one of the functional leaders or the Hazardous Materials Group Supervisor.

The three functional positions of the hazardous materials group (1. Entry Leader, 2. Site Access Control Leader, and 3. Decontamination Leader) require a high degree of control and close supervision. The Entry Leader supervises all companies and personnel operating in the Exclusion Zone. The Entry Leader has the responsibility to direct all tactics and control the positions and functions of all personnel in the Exclusion Zone. The Site Access Control Leader controls all movement of personnel and equipment between the control zones. The Site Access Control Leader has the responsibility for isolating the Exclusion and Contamination Reduction Zone and ensuring that citizens and personnel use proper access routes. The Decontamination Leader ensures all rescue victims, personnel, and equipment have been decontaminated before leaving the incident.

The hazardous materials group supervisor manages these three functional responsibilities which includes all tactical operations carried out in the Exclusion Zone. All rescue operations, by definition, will come under the direction of the Hazardous Materials Group Supervisor. Evacuation and all other tactical objectives that are outside of the control zones are not the responsibility of the Hazardous Materials Group Supervisor. In addition to the three primary functions, the group supervisor will work with an Assistant Safety Officer, who is hazardous materials trained, and who must be present at the hazardous site. The Incident Safety Officer will have overall incident safety concerns, with the Assistant Safety Officer working directly with the Hazardous Materials Group Supervisor. The Group Supervisor may also supervise one or more technical specialists.

Tactical operations outside of the controlled zones, as well as many other hazardous materials related functions, will be managed by regular ICS positions. In most cases, the array of tactical objectives such as evacuation, isolation, medical, traffic control, etc. will be managed by division/group supervisors. Other

needs will be met by filling command and general staff positions.

Unified Command

It is assumed that all hazardous materials incidents will be managed under unified command principles because in virtually all cases, fire, law enforcement, and public health will have some statutory functional responsibility for incident mitigation. Depending on incident factors, several other agencies will respond to a hazardous materials incident.

The Assisting Agencies section of this document lists some of the typical functional responsibilities of law enforcement and health agencies. A matrix is provided showing typical responsibilities of agencies at the local, state, and federal levels.

Modular Development

A series of examples of modular development is included to illustrate one method of expanding the incident organization:

Initial Response Organization - Initial response resources are managed by the Incident Commander who will handle all command and general staff responsibilities.

Reinforced Response Organization (3 to 15 fire and/or law enforcement units) - The Incident Commander has established a Hazardous Materials Group to manage all activities around the control zones and has assigned two law enforcement units to isolate the operational area. One law enforcement officer has met with the fire Incident Commander and together they have established unified command. The Incident Commanders have decided to establish a Planning Section to manage information.

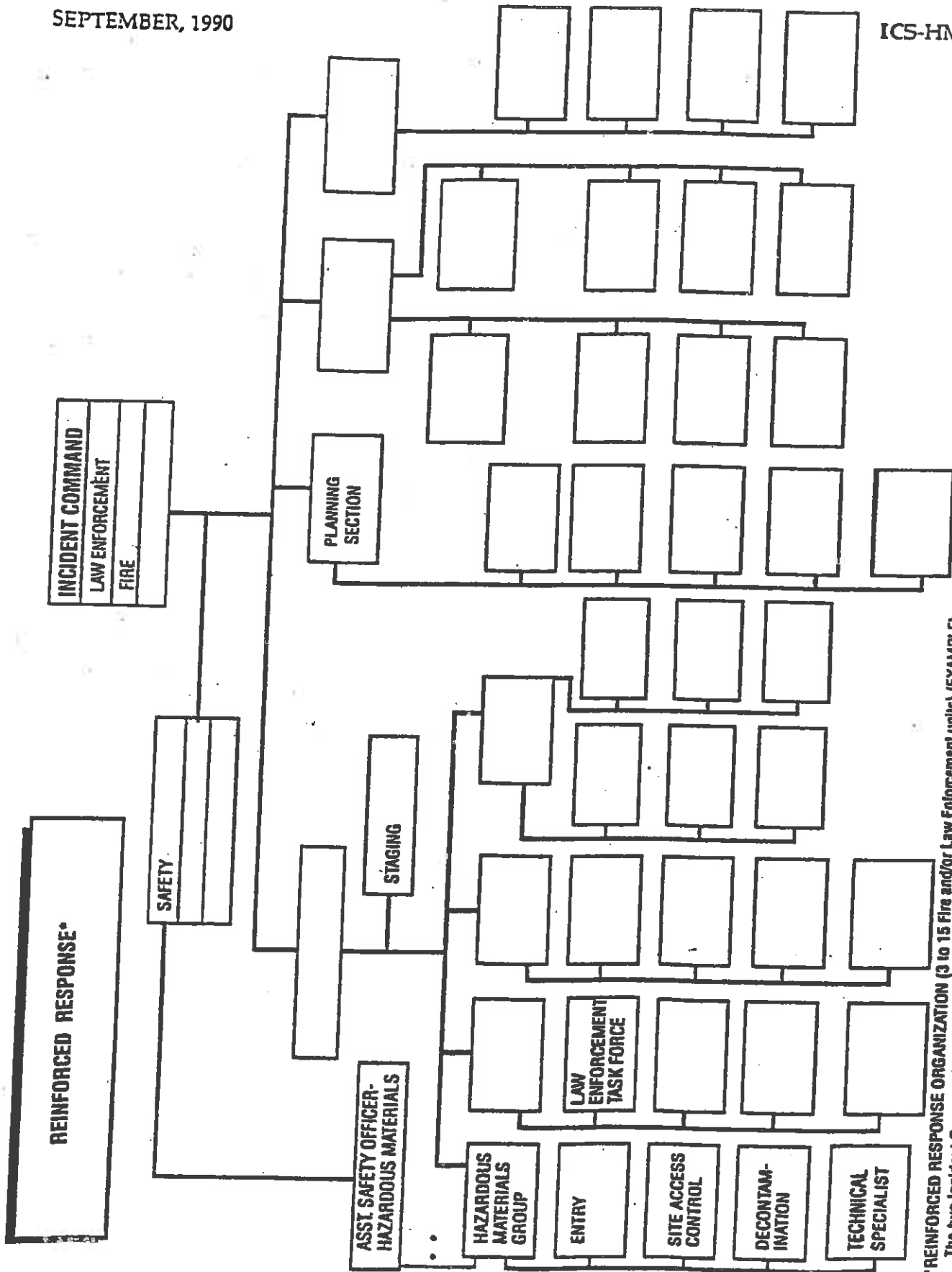
Multi-Division Organization - The Incident Commanders have established most command and general staff positions and have established a combination of divisions and groups.

Multi-Branch Organization - The Incident Commanders have established all command and general staff positions and have established four branches.

HAZARDOUS MATERIALS INCIDENT AREA PLAN

SEPTEMBER, 1990

ICS-HM-120-1

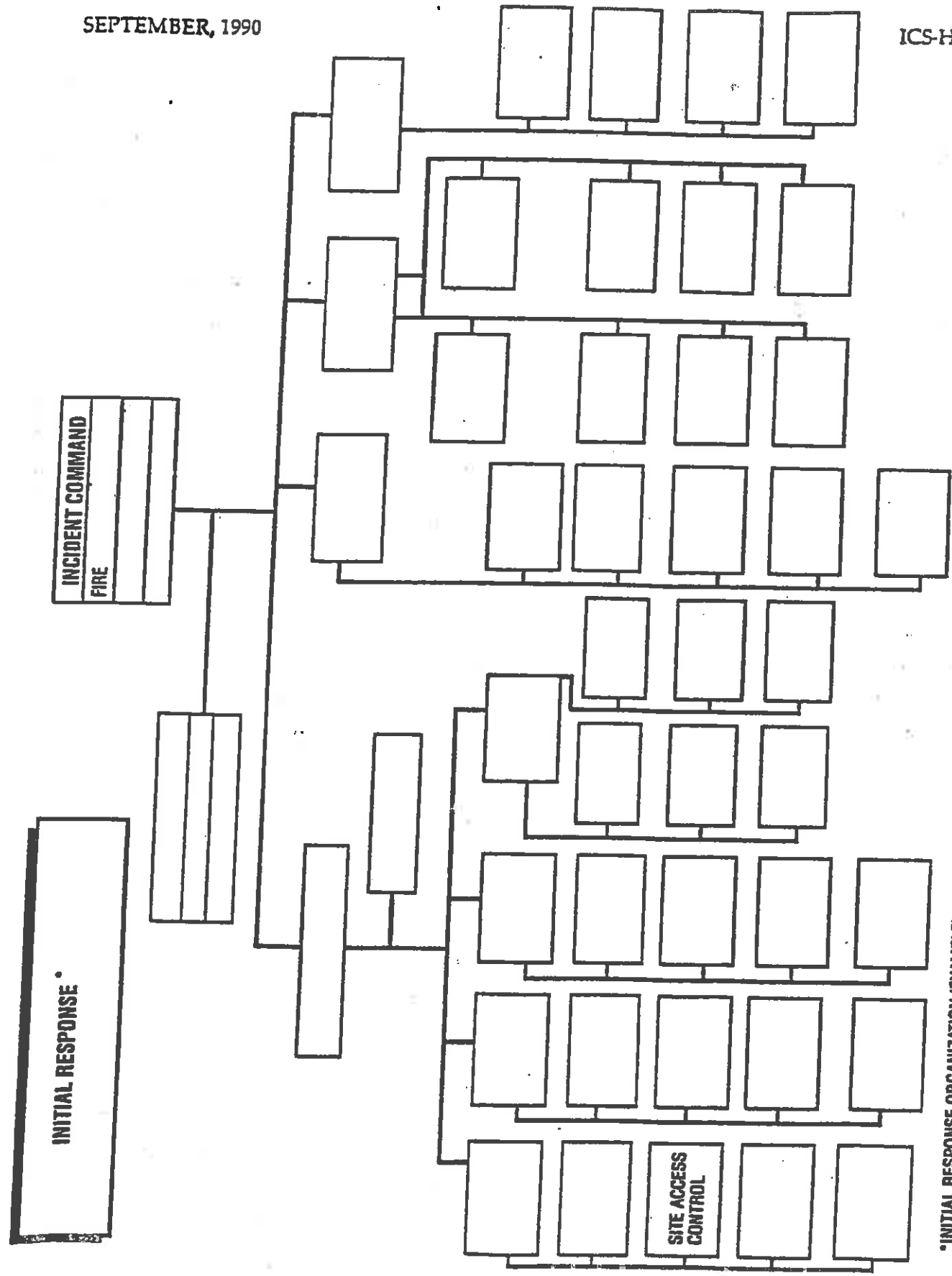


*REINFORCED RESPONSE ORGANIZATION (3 to 15 Fire and/or Law Enforcement units) (EXAMPLE)
The two Incident Commanders have met and have established a Unified Command. They have established a Hazardous Materials Group to manage all activities around the Control Zones and a Safety Officer. Law Enforcement units into a task force to isolate the operational area. The Incident Commanders have decided to establish a Planning Section, a Staging Area,
**Coordination - See page 12.

HAZARDOUS MATERIALS INCIDENT AREA PLAN

SEPTEMBER, 1990

ICS-HM-120-1

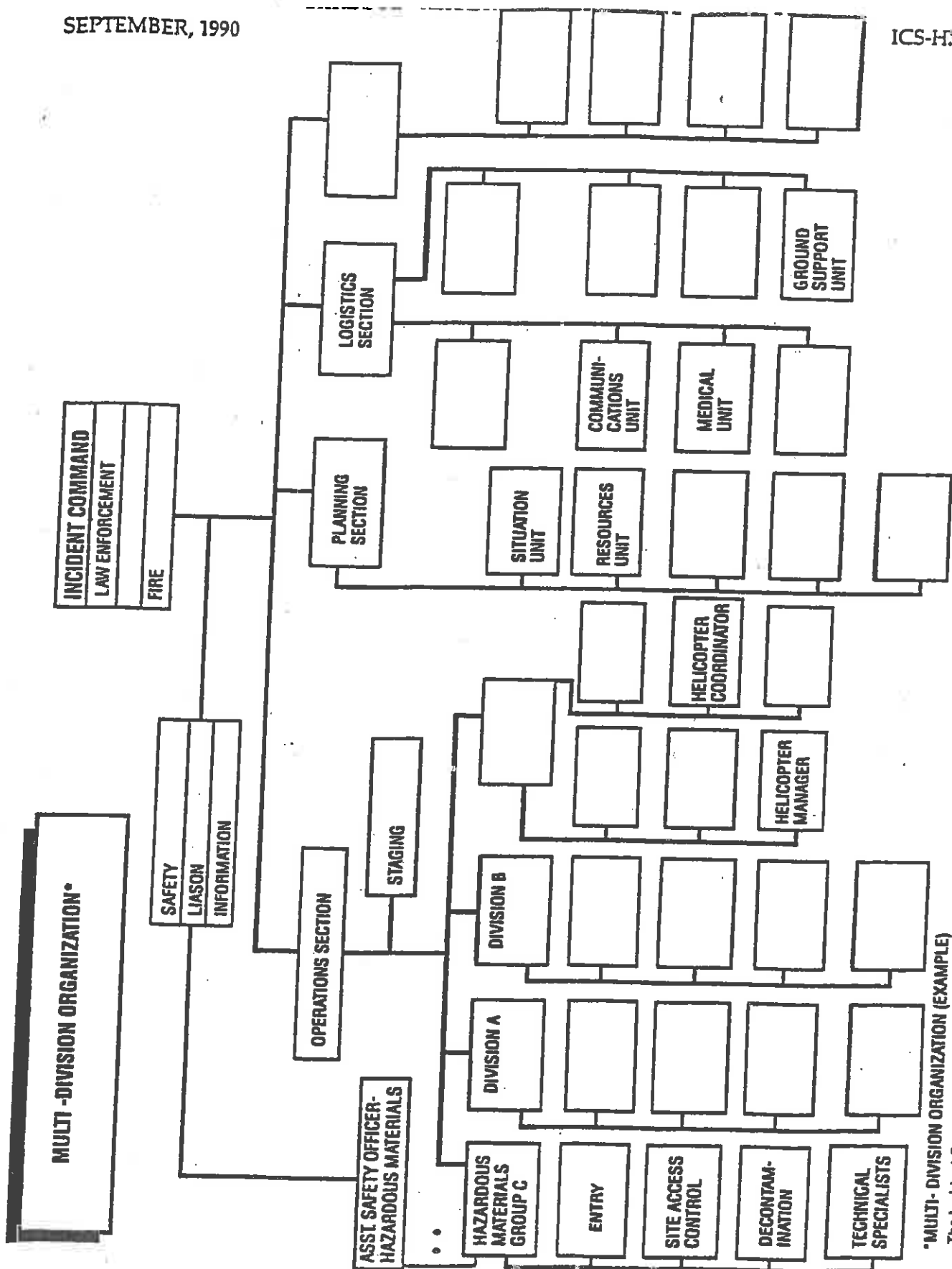


*INITIAL RESPONSE ORGANIZATION (EXAMPLE)
 Initial response resources are managed by the Incident Commander who will handle all Command and General staff responsibilities.

HAZARDOUS MATERIALS INCIDENT AREA PLAN

SEPTEMBER, 1990

ICS-HM-120-1



MULTI-DIVISION ORGANIZATION*

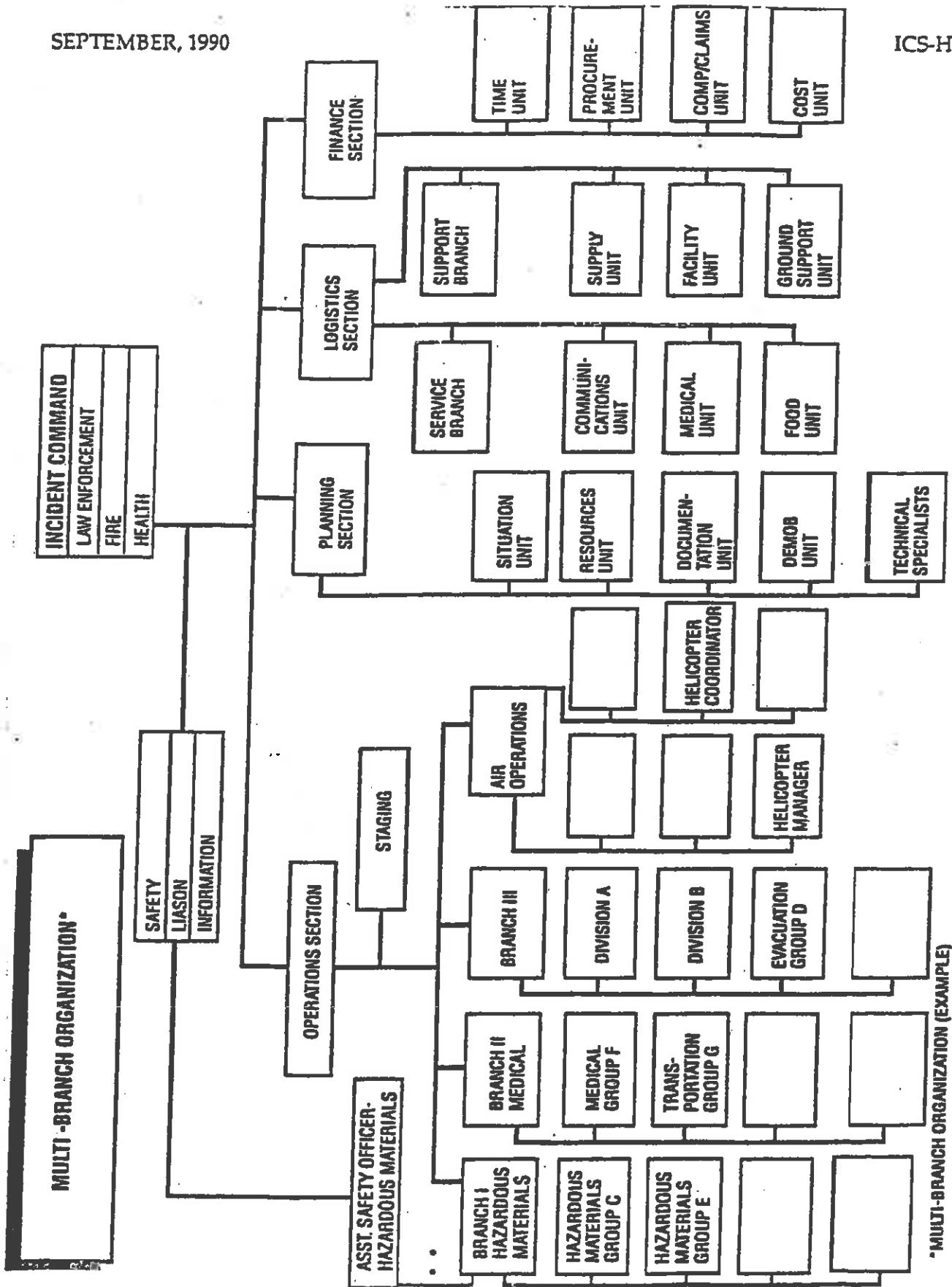
*MULTI-DIVISION ORGANIZATION (EXAMPLE)
The Incident Commanders have activated most Command and General Staff positions and have established a combination of divisions and groups.

** Coordination - See page 12.

HAZARDOUS MATERIALS INCIDENT AREA PLAN

SEPTEMBER, 1990

ICS-HM-120-1



* MULTI-BRANCH ORGANIZATION (EXAMPLE)
 The Incident Commanders have activated all Command and General Staff positions and have established four branches in the Operations Section.
 ** Coordination - See page 12.

Position Descriptions and Functions

Hazardous Materials Group Supervisor - The Hazardous Materials Group Supervisor reports to the Operations Section Chief (or Hazardous Materials Branch Director if activated). The Hazardous Materials Group Supervisor is responsible for the implementation of the phases of the Incident Action Plan dealing with the Hazardous Materials Group operations. The Hazardous Materials Group Supervisor is responsible for the assignment of resources within the Hazardous Materials Group, reporting on the progress of control operations and the status of resources within the Group. The Hazardous Materials Group Supervisor directs the overall operations of the Hazardous Materials Group:

- A. Obtains briefing from the Operations Section Chief or Hazardous Materials Branch Director (if activated);
- B. Ensures the development of control zones and access control points and the placement of appropriate control lines;
- C. Evaluates and recommends public protection action options to the Operations Chief or Branch Director (if activated);
- D. Ensures that current weather data and future weather predictions are obtained;
- E. Establishes environmental monitoring of the hazard site for contaminants;
- F. Ensures that a Site Safety Plan is developed and implemented;
- G. Conducts safety meetings with the Hazardous Materials Group;
- H. Participates, when requested, in the development of the Incident Action Plan (develops the hazardous materials attachment to the Incident Action Plan);
- I. Ensures that nationally recommended safe operational procedures are followed;
- J. Ensures that the proper personal protective equipment is selected and used;
- K. Ensures that appropriate agencies are notified through the Incident Commander;

L. Maintains Unit Log (ICS 214).

Entry Leader - Reports to the Hazardous Materials Group Supervisor. The Entry Leader is responsible for the overall entry operations of assigned personnel within the Exclusion Zone:

- A. Obtains briefing from the Hazardous Materials Group Supervisor;**
- B. Supervises entry operations;**
- C. Recommends actions to mitigate the situation within the Exclusion Zone;**
- D. Carries out action, as directed by the Hazardous Materials Group Supervisor, to mitigate the hazardous materials release or threatened release;**
- E. Maintains communications and coordinates operations with the Decontamination Leader;**
- F. Maintains communications and coordinates operations with the Site Access Control Leader;**
- G. Maintains communications and coordinates operations with Technical Specialist/Hazardous Materials Reference;**
- H. Maintains control of the movement of people and equipment within the Exclusion Zone, including contaminated victims;**
- I. Directs rescue operations, as needed, in the Exclusion Zone;**
- J. Maintains Unit Log (ICS 214).**

Decontamination Leader - Reports to the Hazardous Materials Group Supervisor. The Decontamination Leader is responsible for the operations of the decontamination element, providing decontamination as required by the Incident Action Plan:

- A. Obtains briefing from the Hazardous Materials Group Supervisor;**
- B. Establishes the Contamination Reduction Corridor(s);**
- C. Identifies contaminated people and equipment;**

- D. Supervises the operations of the decontamination element in the process of decontaminating people and equipment;
- E. Maintains control of movement of people and equipment within the Contamination Reduction Zone;
- F. Maintains communication and coordinates operations with the Entry Leader;
- G. Maintains communications and coordinates operations with the Site Access Control Leader;
- H. Coordinates the transfer of contaminated patients requiring medical attention (after decontamination) to the Medical Group;
- I. Coordinates handling, storage, and transfer of contaminants within the Contamination Reduction Zone;
- J. Maintains Unit Log (ICS 214).

Site Access Control Leader - Reports to the Hazardous Materials Group Supervisor. Site Access Control Leader is responsible for the control of the movement of all people and equipment through appropriate access routes at the hazard site and ensures that contaminants are controlled and records are maintained:

- A. Obtains briefing from the Hazardous Materials Group Supervisor;
- B. Organizes and supervises assigned personnel to control access to the hazard site;
- C. Oversees the placement of the Exclusion Control Line and the Contamination Control Line;
- D. Ensures appropriate action is taken to prevent the spread of contamination;
- E. Establishes the Safe Refuge Area within the Contamination Reduction Zone; appoints Safe Refuge Area Manager (as needed);
- F. Ensures that injured or exposed individuals are decontaminated prior to departure from the hazard site;

- G. Tracks persons passing through the Contamination Control Line to ensure that long-term observations are provided;
- H. Coordinates with the Medical Group for proper separation and tracking of potentially contaminated individuals needing medical attention;
- I. Maintains observations of any changes in climatic conditions or other circumstances external to the hazard site;
- J. Maintains communications and coordinates operations with the Entry Leader;
- K. Maintains communications and coordinates operations with the Decontamination Leader;
- L. Maintains Unit Log (ICS 214).

Assistant Safety Officer - Hazardous Materials - Reports to the Incident Safety Officer as an Assistant Safety Officer and coordinates with the Hazardous Materials Group Supervisor (or Hazardous Materials Branch Director if activated). The Assistant Safety Officer-Hazardous Materials coordinates safety related activities directly relating to the Hazardous Materials Group operations as mandated by 29 CFR part 1910.120 and Subsection 5192, Title 8, CCR. This position advises the Hazardous Materials Group Supervisor (or Hazardous Materials Branch Director) on all aspects of health and safety and has the authority to stop or prevent unsafe acts. It is mandatory that an Assistant Safety Officer-Hazardous Materials be appointed at all hazardous materials incidents. In a multi-activity incident, the Hazardous Materials Safety Officer does not act as safety for the overall incident.

- A. Obtains briefing from the Incident Safety Officer;
- B. Obtains briefing from the Hazardous Materials Group Supervisor;
- C. Participates in the preparation of and implements the Site Safety Plan;
- D. Advises the Hazardous Materials Group Supervisor (or Hazardous Materials Branch Director) of deviations from the Site Safety Plan or any dangerous situations;
- E. Has full authority to alter, suspend, or terminate any activity that may be judged to be unsafe;
- F. Ensures protection of the Hazardous Materials Group personnel from physical, environmental, and chemical hazards/exposures;

- G. Ensures provision of required emergency medical services for assigned personnel and coordinates with Medical Unit Leader;
- H. Ensures that medical related records for the Hazardous Materials Group personnel are maintained;
- I. Maintains Unit Log (ICS 214).

Technical Specialist-Hazardous Materials Reference - Reports to the Hazardous Materials Group Supervisor (or Hazardous Materials Branch Director if activated). This position provides technical information and assistance to the Hazardous Materials Group using various reference sources such as computer databases, technical journals, CHEMTREC, and phone contact with facility representatives. The Technical Specialist-Hazardous Materials Reference may provide product identification using hazardous categorization tests and/or any other means of identifying unknown materials.

- A. Obtains briefing from the Hazardous Materials Group Supervisor;
- B. Obtains briefing from the Planning Section Chief;
- C. Provides technical support to the Hazardous Materials Group Supervisor;
- D. Maintains communications and coordinates operations with the Entry Leader;
- E. Provides and interprets environmental monitoring information;
- F. Provides analysis of hazardous material sample;
- G. Determines personal protective equipment compatibility to hazardous material;
- H. Provides technical information of the incident for documentation;
- I. Provides technical information management with public and private agencies, i.e. Poison Control Center, Tox Center, CHEMTREC, State Department of Food and Agriculture, National Response Team;
- J. Assists Planning Section with projecting the potential environmental effects of the release;
- K. Maintains Unit Log (ICS 214).

FIELD OPERATIONS GUIDES

Unit Log - Personnel Roster Assigned, Activity Log of major events

Personal Exposure Recording Form

Vital Signs Log

Hazardous Materials Categorization Test Results

HAZARDOUS MATERIALS INCIDENT FIELD OPERATIONS GUIDE

CORONA FIRE DEPT.

PERSONAL EXPOSURE RECORDING FORM (PERF)

I. HISTORY

Employee #30- _____ C.F.I.R.S. Incident # _____ (Incident date _____)
 Alarm Time _____ (military hrs.)

II. INCIDENT TYPE

- Residential Fire, Tr. bldg. built _____
- Commercial Fire, Tr. bldg. built _____
- Industrial Fire _____
- Wildland/Vegetation, Type _____
- Vehicle, Tr. _____
- Trash/Dumpster, location _____
- Rescue _____
- Spill _____
- Other, Specify _____

III. LENGTH OF EXPOSURE BY FIRE STAGE / ACTIVITIES PERFORMED

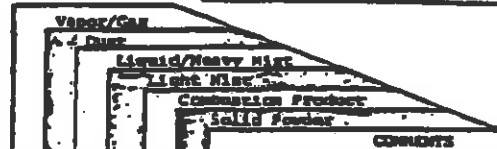
Fire Stage:	0-1 hr.	1-2	2-3	3+ hrs.	ACTIVITY:	0-1 hr.	1-2	2-3	3+ hrs.
<input type="checkbox"/> INCIPENT					<input type="checkbox"/> EXTINGUISHMENT				
<input type="checkbox"/> FREE BURNING					<input type="checkbox"/> ENTRY/VENTILATION				
<input type="checkbox"/> SOLDERING					<input type="checkbox"/> RESCUE				
<input type="checkbox"/> NON-FIRE					<input type="checkbox"/> LIGHT OVERHAUL				
					<input type="checkbox"/> HEAVY OVERHAUL				
					<input type="checkbox"/> E.M.S.				
					<input type="checkbox"/> OTHER				

IV. SMOKE/CHEMICAL/OTHER EXPOSURE (at fire, spill or rescue scene)

SMOKE CONDITION: LIGHT, HEAVY

SMOKE COLOR(S) _____

CHEMICAL(S) PRESENT _____



Type of Chemical Exposure: Inhaled Ingested Skin Contact
 If medical exposure, name of victim, medical condition exposed to _____

V. SYMPTOMS

at incident	SYMPTOM	after incident	at incident	SYMPTOM	after incident
	eyes burn			ears ringing	
	cough			itching	
	cough blood/nose bleed			skin irritated/itch	
	nose/lung irritation			urticaria	
	nausea/dizziness			none	
	diarr			other	

VI. MEDICAL DIAGNOSIS

Did you receive medical evaluation or treatment after exposure? YES NO

DIAGNOSIS: _____

DOCTOR/FACILITY _____

CASE # _____

Was injury entered in company journal? YES NO

Was city accident report filled out? YES NO

VII. ADDITIONAL INFORMATION ON INCIDENT

List names of other firefighters working close to you at time of exposure: _____

Were you supplied with any specialized gear? YES NO Describe _____

Were special decontamination procedures followed after exposure? Yes No Describe _____

ARE ADDITIONAL INFO SHEETS NEEDED? YES NO

Vital Signs Log for Hazardous Materials Response Personnel

(Use one form per entry team member.)

Name _____

Date _____

Location of Incident _____

Type of Incident _____

Chemicals known or suspected _____

ENTRY
#1

SCBA
Pressure

PRE-ENTRY VITAL SIGNS

Time of Day

B/P

Pulse

Respirations

Temperature

POST-ENTRY VITAL SIGNS

Time of Day

B/P

Pulse

Respirations

Temperature

ENTRY
#2

SCBA
Pressure

PRE-ENTRY VITAL SIGNS

Time of Day

B/P

Pulse

Respirations

Temperature

POST-ENTRY VITAL SIGNS

Time of Day

B/P

Pulse

Respirations

Temperature

HAZARDOUS MATERIALS CATEGORIZATION

TEST RESULTS

DATE: _____ TIME: _____ CFD INCIDENT NO.: _____

LOCATION: _____

ESTIMATED QUANTITY: _____

BASED UPON THE HAZARDOUS MATERIAL CATEGORIZATION TESTING PERFORMED ON THE MATERIALS LOCATED AT THE ABOVE DESCRIBED LOCATION IT HAS BEEN DETERMINED THAT THE MATERIALS TESTED MOST PROBABLY ARE:

COMMENTS / TESTS PERFORMED

BY: _____

TITLE: _____

EMERGENCY RESPONDER MEDICAL SURVEILLANCE PROGRAM

Background

Workers handling hazardous waste and responding to hazardous materials incidents in emergencies can experience high levels of stress. Routine tasks can expose these employees to toxic chemicals, safety hazards, biological hazards, and radiation. They may develop heat stress illnesses while wearing personal protective equipment or working under extreme temperatures or while facing life-threatening emergencies such as explosions or fires. Therefore, a medical surveillance program is essential to assess and monitor hazardous materials emergency responders' health and job fitness as they relate to the requirements and tasks encountered in the course of this type of work; to provide emergency and other treatment as needed; and to keep accurate records for future reference.

Authority

The policy and procedures established for this program are in accordance with:

- A. Federal OSHA Standard 29 CFR 1910.120; Volume 54, No. 42
- B. Title 8 California Code of Regulations; Section 3203, 3204, 5144, et al

Purpose

To ensure compliance with applicable medical surveillance requirements and establish procedures for routine medical testing, emergency medical testing and treatment, and record keeping.

Scope

This policy will apply to the following personnel:

- A. Division chiefs, captains, fire engineers, firefighters, and Hazardous Material safety specialists assigned to the haz-mat unit;
- B. Selected 40-hour personnel assigned haz-mat or related duties as specified by the fire chief;
- C. Other selected fire suppression personnel specified by the fire chief

Policy

The City of Victorville will provide a medical surveillance program to certain employee classifications of Fire Department personnel in accordance with federal occupational and safety and health regulations and is intended to compliment exposure protection achieved through administrative and engineering controls,

usage of appropriate personal protective equipment and decontamination procedures. This medical program is essential in that it will assess and monitor workers' health, provide for appropriate emergency and other treatment as necessary and provide for proper and accurate record keeping for future reference.

Procedure

A. Prevention and Hazard Mitigation

All haz-mat response operations requiring the services of the City of Victorville emergency responder personnel shall be conducted in such a manner that ensures employee safety and health as the pre-eminent concern and provides protection either through engineering or administrative controls which will provide protection to all employees to a level of exposure below permissible exposure limits of all known or suspected hazards.

B. Affected Employees

All employees who are members of the Haz-Mat Response Team.

C. Frequency of Medical Surveillance Evaluations

1. Prior to assignment (Baseline Medical Screening Evaluation)
2. At least once every twelve months unless the attending physician believes a longer interval (not greater than biannually) is appropriate.
3. At termination of employment or reassignment.
4. Whenever an employee has developed signs or symptoms indicating possible overexposure to work-related hazardous substances or health hazards or the employee has been injured or exposed above the permissible exposure levels in an emergency situation.
5. More frequently if the City-appointed examining physician determines that an increased frequency of examination is medically necessary.

Obtaining Treatment for Exposures

In the event that any assignment exposes members of the department to hazardous materials or substances above permissible exposure limits or published exposure levels in an emergency situation, the officer in charge will:

1. Commence any necessary and established on-scene decontamination procedures;
2. Request ground or air ambulance as necessary;
3. Transport the exposed employee to the hospital.
4. Establish contact with receiving hospital personnel and provide all pertinent information to include:
 - a. Hazardous material involved;
 - b. Copy of MSDS if available;
 - c. Route of exposure (inhalation, absorption, etc.);
 - d. Time of exposure, symptoms;
 - e. Emergency phone numbers:
 - (1) San Diego Regional Poison Control Center – (800) 411-8080
 - (2) Hazard Evaluation System & Information Service – (800) 550-5234
 - (3) Toxic Information Center - 800-233-3360
 - (4) Chemtrec – (800) 424-9300
5. Advise command personnel in accordance with existing emergency reporting guidelines;
6. Notify the City Safety Officer;
7. If indicated, request employee assistance critical incident intervention.

Content of Medical Examinations

The intent of this policy is to provide guidance and reference to the examining physician. This medical surveillance program is based on guidelines presented in the NIOSH, OSHA, and EPA Health Guidance Manual for Hazardous Waste Site Activities.

Recommended Medical Surveillance Program Tests - These tests may be modified at the discretion of the examining physician according to current conditions, exposures, or related job hazards.

COMPONENT	RECOMMENDED TESTS
Prior to assignment (Baseline)	1 through 13
Annual or biennial (per physician recommendation)	1 through 13
Termination or Reassignment	1 through 13

Recommended Tests:

- 1. Medical History Questionnaire**
- 2. Medical/Physical Examination**
- 3. Complete Blood Count**
- 4. Red Blood Count**
- 5. Blood Chemistry Panel**
- 6. Urinalysis**
- 7. Cholinesterase RBC and Plasma**
- 8. Chest X-ray (P.A. & Lateral)**
- 9. Vision**
- 10. Audiogram**
- 11. Spirometry**
- 12. EKG**
- 13. Stool GUIAC (occult blood)**

Reporting

The following information will be provided to the examining physician:

- 1. A description of the employee's duties as they relate to the employee's exposure;**
- 2. The employee's exposure levels or anticipated exposure levels;**
- 3. A description of the personal protective equipment used or to be used;**
- 4. Applicable information from previous medical examinations of the employee not readily available to the examining physician.**

Exposures or potential exposures to hazardous materials occurring in the course and scope of hazardous materials emergency responder duties will be reported in accordance with existing City of Victorville occupational injury/illness reporting requirements.

Medical Surveillance Administration

Each employee will be provided with a copy of this program and all related materials and forms. Each affected employee will be required to complete:

- 1. Health History Questionnaire;**
- 2. Authorization to Perform Medical Tests;**
- 3. Authorization to Release Medical Information.**

Certified list of affected employees who fall under the provisions of this policy will be developed and updated by the City of Victorville Fire Department.

This policy and all related materials and forms will be provided to the medical service provider and maintained in a current manner by the City of Victorville Fire Department.

The medical service provider will be selected by the City of Victorville and all fees for services incurred in the performance of necessary and agreed upon medical surveillance tests and procedures pursuant to this policy will be paid by the City of Victorville.

Affected employees will be scheduled for the appropriate medical surveillance examination(s) when they are on duty and will be scheduled for the routine medical evaluations by the operations officer.

***Physician's Written Opinion* - The City will be provided with a written opinion from the attending physician containing the following:**

- 1. The physician's opinion as to whether the employee has any detected medical conditions which would place the employee at increased risk of material impairment of the employee's health from work in emergency response(s) or from respirator use or use of other personal protective equipment;**
- 2. The physician's recommended limitations upon the employee's assigned work;**
- 3. The results of the medical examination if requested by the employee;**
- 4. A statement that the employee has been informed by the physician of the results of the medical examination and any medical conditions which require further examination or treatment;**
- 5. The written opinion obtained by the City will not reveal specific findings or diagnoses unrelated to occupational exposure;**
- 6. The City will provide a copy of the physician's written opinion to the employee.**

***Medical Records* - All medical records relating to this program shall be maintained and retained in accordance with applicable employee exposure and medical records regulations.**

Specifically, Section 3204 of the General Industry Safety Orders Title 8, California Code of Regulations, and 29 CFR PARA 2910.20 shall serve as the operative authority.

**AUTHORIZATION TO RELEASE EMPLOYEE MEDICAL INFORMATION
TO THE CITY OF VICTORVILLE**

I, _____, Social Security No. _____, do hereby consent to undergo a medical examination including blood specimens, x-rays, and other examinations which the physician may consider necessary to complete my medical evaluation.

Signature in Full

Date

I, _____, hereby authorize Desert Valley Medical Group the following medical information from my personal medical records in order to establish my fitness for duty:

1. Hazardous materials emergency responder medical screening examination results;
2. _____
3. _____

Further, I authorize the Desert Valley Medical Group to disclose to the City of Victorville any physical limitations which may be discovered during this examination which may prevent me from safely performing the various job duties required of a hazardous material emergency responder with the City of Victorville.

Employee signature in full

Date

PHYSICIAN'S WRITTEN OPINION

1. Employee is is not qualified to perform the job requirements of a City of Victorville hazardous material emergency responder.
2. Employee is is not qualified to wear the required personal protective equipment of a City of Victorville hazardous material emergency responder.
3. Employee has the following recommended physical limitations from City of Victorville hazardous material emergency responder duty:

None

4. I have informed _____ of the results of the hazardous material emergency responder medical screening examination and discussed with the employee any detected medical conditions which would place the employee at increased risk of material impairment of health from work operations in emergency response or from respirator or use of other personal protective equipment.
5. Based on this employee's status and examination results, I recommend that the next hazardous material emergency response medical surveillance evaluation be completed in 19____.

Physician

Date

Signature of Employee

cc: Desert Valley Medical Group
Employee

**AUTHORIZATION FOR RELEASE OF INFORMATION
FROM THE MEDICAL RECORD**

Patient's Last Name	First	Middle	Birth Date
----------------------------	--------------	---------------	-------------------

Street	City	Zip Code	Telephone
---------------	-------------	-----------------	------------------

I, the undersigned, hereby authorize (Name and address of health care service or provider with records)

Name

Street address

City	State	Zip Code
-------------	--------------	-----------------

to provide:

**Desert Valley Medical Group
12240 Hesperia Road
Victorville, CA 92392**

access to my medical records for the purpose of _____

I further authorize you to provide such copies thereof as may be requested.

The authorization is subject to the following limitations:

- ___ 1. Confined to records regarding pre-employment medical screening evaluation.**

- ___ 2. Confined to records regarding admission and treatment for the following medical condition or injury.**

___ 3. Confined to the following specified information:

Discharge Summary	Pulmonary Function
History & Physical	Tests
Consults	X-Ray Reports
Laboratory Reports	EKG
Treadmill	Progress Notes
Other	

___ 4. All medical records.

This consent is subject to revocation by the undersigned at any time except to the extent that action has been taken in reliance hereon and if not earlier revoked. It shall terminate 3 months from the date of consent without express revocation.

Signature of Patient

Date

Signature of Witness

Date

Date Consent Terminates

Any disclosure of medical record information by the recipient(s) is prohibited except when implicit in the purpose of the disclosure.

cc: Desert Valley Medical Group
City of Victorville
Employee

HAZARDOUS SUBSTANCE SPILLS CLEAN-UP FUNDING

Statutory Law

Statutory law provides that the person causing damage is financially responsible.

California Government Code, Section 3873, provides abatement of a nuisance may be at the expense of the person causing the nuisance.

California Vehicle Code, Section 17300, provides that any person causing damage to a street or highway is liable for cost of repair.

Code of Federal Regulations, Title 40, Section 263.31, provides that a transporter must clean up any hazardous waste discharge that occurs during transportation.

California Vehicle Code, Section 23113, provides that any person dumping material upon a highway is responsible for removing or causing removal of same.

California Health and Safety Code, Section 13009.6, provides that expenses of an emergency response necessary to protect the public from a real and imminent threat to health and safety by a public agency to confine, prevent, or mitigate the release, escape, or burning of hazardous substances described in Section 25316 of this code are a charge against any person whose negligence causes the incident.

City of Victorville Municipal Code, Section 8.06.020, provides that the expense of an emergency response to any spill, or release of a hazardous substance which poses a significant present threat or potential hazard to human life, property, or environment shall be a charge against the person or entity whose conduct or conduct of its employees, agents, or contractors caused or permitted the incident resulting in the emergency response.

Emergency Reserve Account for Hazardous Materials Incidents

California Health & Safety Code Section 25354 provides an annual fund for the purpose of taking immediate corrective action necessary to remedy or prevent an emergency resulting from a fire, explosion, or human exposure to a release or threatened release of hazardous substances. This includes "midnight dumping" of barrels, drug wastes, or discharges of fluids, spill situations without a responsible party, or other actions needed to prevent potential emergencies (i.e. fencing, guard service, sampling, or immediate remedial measures for dangerous sites with uncooperative responsible parties). In some instances, emergency response associated with illegal drug laboratory wastes is fundable. Before notification, the following should be determined:

1. **Is the material a hazardous substance? (Section 25354 California Health & Safety Code)**
2. **Quantity released or spilled;**

3. **The hazard characterization;**

4. **Location of the incident relative to waterways, the public, and population;**

5. **That potential responsible party or alternative funding is not available;**
6. **The spill did not occur on state highway right-of-way where the Department of Transportation (CALTRANS) has response teams under contract; and**
7. **That the spill did not occur on navigable water where the U.S. Coast Guard's Strike Team works with the U.S. Environmental Protection Agency to respond.**

Utilize the following procedures to request funding through the Emergency Reserve Account, ERA:

1. **Contact the California Office of Emergency Services Warning Center by telephone at (800) 852-7550 and request that the on-call Duty Officer in the Toxic Substances Control Division be contacted to seek approval for assistance from the ERA. The Duty Officer will contact the local agency as soon as he/she is notified. If the incident is eligible, the following may occur:**
 - A. **The Division representative may request a local contractor be used. Health and Safety Code Section 25354 allows verbal authorization of local contractors if the cost is less than \$5,000.**
 - B. **The Division representative will contact and approve a cleanup company currently under contract with the State.**
 - C. **For incidents where the response costs are expected to be relatively high, the Division representative may refer the incident to EPA.**

Generally, this would occur for costs greater than \$20,000.

At this time, the Division will not have a representative on-scene. Therefore, as a condition of receiving funding, the local agency is required to fill out the "Emergency Response Incident Report" located at the end of this section to document the event and the contractor's resources used.

2. **Special policies which apply to use of ERA funding are:**

- A. **All incidents must be reported to the DTSC (Department Toxic Substance Control) Toxic Substances Control Division in advance of funds being spent. The Duty Officer must authorize the contractor, otherwise funding cannot be provided. No retroactive payments can be made. This is the most common mistake made by local government which results in the State's inability to provide funds.**
- B. **In instances where hazardous wastes have been abandoned on property whose owner is clearly not the perpetrator and the wastes do not have an identifiable owner, state funding may be requested.**
- C. **Funding for drug laboratory wastes will only be provided when (1) such wastes are found abandoned in an area accessible to the public, (2) such wastes that are not eligible for removal during an enforcement action funded by the Department of Justice or Bureau of Narcotic Enforcement, and (3) such wastes are in a facility which was discovered due to fire or explosion. Cleanup of materials found associated with planned law enforcement action, including contaminated appurtenances, will not be financed through ERA if such materials can be secured as evidence or from public access.**
- D. **In emergencies with a responsible party who is willing to be accountable, but the cleanup contractors will not do the work because of questionable credit histories, the responsible party may be backed up by the assurance of ERA funding in the event of a failure.**
- E. **Potentially dangerous situations involving uncooperative responsible parties may be mitigated by the ERA to prevent emergencies.**
- F. **The following materials involved in incidents will not be funded unless special circumstances exist which are determined by the State Department of Health to represent a threat to human health (e.g. large volumes, presence of PCB's):**

- (1) **Waste oil;**

- (2) Diesel fuel;**
 - (3) Fuel tank spills from vehicular accidents;**
 - (4) Radioactive waste;**
 - (5) Infectious waste;**
 - (6) Latex paint;**
 - (7) Household size hazardous materials.**
-

DOCUMENTATION OF ERA FUNDED CLEAN UP

As a condition of receiving funding from the ERA, the local agency is required to fill out the "Emergency Response Incident Report" and the "Cleanup Work Log" located on Page 27 and 28 of this section. Additionally, copies of any manifests, contractor's service orders, and photographs associated with a cleanup must also be submitted.

The "Emergency Response Incident Report" must be filled out completely and accurately. It is used to confirm the incident information originally given to the emergency response duty officer by the requesting agency. The contents of the report should include relevant details identifying potential, responsible parties and must also certify that the incident was an emergency.

The "Cleanup Work Log" is used to verify the contractor invoice charges; therefore, arrival and departure times of the respective contractor's personnel and equipment and a description of the materials used must be recorded. In lieu of filling out the equipment and materials portion of the log, a contractor field service order signed by the local requesting agency representative may be attached.

When local agencies, i.e. police, sheriff, and/or fire departments, conduct an investigation and responsible party information becomes available during or after completion of the investigation, that information should be included in the documentation package. If there are no responsible parties or potential responsible parties identified, this should be indicated on the "Emergency Response Incident Report." If the results of follow-up investigations fail to identify a responsible party, this information should also be stated in the report or submitted separately upon conclusion of the subsequent investigation.

Responsible party information may include the names and addresses of property leaseholders, property owners, assessor parcel numbers, vehicle licenses or identification numbers, names of registered owners, and driver's license numbers.

Other details that may be available at the scene of an incident and need to be reported include the following:

- 1. Names and affiliations of other agency personnel responding to the incident;**
- 2. Names and addresses of witnesses;**
- 3. Container label information;**
- 4. Container shipping labels;**

5. **Bills of lading;**
6. **Any other evidence found with the waste, i.e. cancelled checks, old letters and/or medical prescriptions.**

Document packages should be mailed to the Department of Health Services within ten (10) working days of the initial funding request.

IF THESE REPORTS AND SUPPORTING DOCUMENTATION ARE NOT SUBMITTED, FUTURE FUNDING MAY BE JEOPARDIZED.

EMERGENCY RESPONSE INCIDENT REPORT

State Duty Officer: _____ ERER No.: _____

Date of Incident: _____ Time of Incident: _____

Descriptive Location: _____

Address: _____ Zip: _____

Description of Incident: _____

Substances Released: _____

Quantity: _____

Characteristics of Released Substance(s): _____

RESPONSIBLE PARTY

Name	Address	Phone Number

If a Department of Health Services Contractor is not used, complete the information in this box.

Estimated Cost of Cleanup: _____

Contractor Utilized: _____

Justification of Contractor Choice: _____

Description of initial Mitigation Measure (evacuation, crowd control, substance identification):

Reported By: _____ Title: _____

Agency: _____

I certify that this release or spill required immediate corrective action necessary to remedy or prevent an emergency resulting from a fire or an explosion of or human exposure to hazardous substances.

Signature: _____

Agency: _____

CITY OF VICTORVILLE
P. O. Box 5001 - Victorville, CA 92392
(760) 955-5227

CLEANUP WORK LOG

Dates of Cleanup: _____
Contractor: _____
Contractor's Representative: _____
Time of Contractor Arrival: _____ Time of Equipment Arrival: _____
Description of Extent of Contamination: _____
Soil: _____
Water: _____
Air: _____
Other: _____
Description of Cleanup Procedures Used: _____

Equipment Utilized			Labor Utilized		
Description	Time Arrive	Time Depart	Job Classification	Time Arrive	Time Depart
Materials Utilized			Materials Utilized		
Description	Number of Units		Description	Number of Units	

Quantity of Hazardous Materials Removed (identification procedures, lab results if available): _____

Registered Hauler Utilized: _____ Hauler Number _____
Material Transported To: _____ Manifest Number _____
Time and Date Job Was Completed: _____
Current Status of Site: _____
Reported By: _____ Agency _____

MEDICAL FACILITY RESOURCES

Victor Valley Community Hospital.....(760) 245-8691
15248 Eleventh Street
Victorville, CA 92392

115 Bed Hospital - 10 bed Emergency Department
Basic Licensed Emergency Department with physician on duty 24 hours.
HEAR Frequency (155.340) VHF (MED NET) communication on 155.400 with
ambulance service.

St. Mary's Hospital(760) 242-2311
18300 Highway 18
Apple Valley, CA 92307

161 Bed Hospital - 19 Bed Emergency Department
Basic Licensed Emergency Department with physician on duty 24 hours.
HEAR Frequency (155.340) VHF (MED NET) communication on 155.400 with
ambulance services.

Desert Valley Hospital.....(760) 241-8000
16850 Bear Valley Road
Victorville, CA 92392

83 Bed Hospital - 17 bed Emergency Room
Physician on duty 24 hour. On call: w/ d/b coverage 11:00 p.m. – 11:00 a.m.
No ambulance services.

Loma Linda University Medical Center Hospital operator.....(909) 558-4000
11234 Anderson St. Em. Outside (909) 558-4444
Loma Linda, CA 92354

797 Bed Hospital - 23 Bed Emergency Department
Basic Licensed Emergency Department with physician on duty 24 hours/
Level I Trauma Center Base Hospital - UHF Frequency
HEAR Frequency (155.340) VHF (MED NET) communication on 155.400 with

ambulance service.

San Bernardino County Hospital.....(909) 387-8111
400 N. Pepper Avenue
San Bernardino, CA

293+ Bed Hospital - 23 Bed Emergency Department
Basic Licensed Emergency Department with physician on duty 24 hours
Level II Trauma Center Base Hospital - HEAR Frequency 855.340, VHF (MED
NET) communication on 855.440 with ambulance service.

POISON CONTROL CENTERS

<u>NAME</u>	<u>TELEPHONE</u>
San Diego Regional Poison Center.....	(800) 876-4766
U.C. San Diego Medical Center, Hillcrest	(619) 543-6222
U.S. Department of Health Center and Human Disease Services.....	(404) 639-0615
http://aspc.hhs.gov/datacncl/datadir/index.htm	
Emergency Response & Consultation Branch	FAX (404) 639-0655
Division of Health Assessment and Consultation	
ATSDR Info Center	
1-800-422-8737	
ATSDRIC@cdc.gov	
1600 Clifton Road, NE (E32)	
Atlanta, Georgia 30333	
2 nd ATSDR Div. Health Assessment & Consultation (DHAC).....	1-888-422-8737
O/Environmental Health Hazard & Assessment 1001 "I" Street Sacramento, CA 95814.....	(916) 327-1076

RESPONSIBILITIES AND COORDINATION

City of Victorville

The City of Victorville is responsible for first response capability for incidents located within its city limits, which includes the boundaries of Southern California Logistics Airport, and for making notification to the California Office of Emergency Services on all hazardous materials incidents. Notification of incidents which occur on the freeways located within the city shall be made immediately to the California Highway Patrol.

1. *Fire Department*

Ensure that operations are conducted from an upwind position, if incident involves fire or material subject to blowing in the wind.

Identify spilled or leaking substance and to estimate the level of health hazard posed by the material, to the degree the capabilities of the on-scene personnel allow.

In the event that the circumstances restrict or prevent proper categorization of the material and/or health hazard, the incident commander shall coordinate with the County Health Department to establish categorization and threat presented by the substance.

Take steps necessary to protect or save human life; safeguard property insofar as practical.

Coordinate with Police Department representative to ensure that the public is kept as far from the scene as reasonably possible.

Re-evaluate perimeters as the hazardous commodity is identified and/or environmental conditions change.

Assist medical personnel in isolating and removing contaminated or injured persons from the scene and to ensure exposed persons are decontaminated before leaving incident.

Take action to contain and/or prevent the spread of the material and avoid washing away spills.

Avoid attempts to neutralize large volumes of chemical spills (except for contaminated personnel).

Secure services of the designated governmental or private hazardous materials cleanup agency.

2. *Police Department*

Assign the ranking representative to the incident command post.

Dispatch units to survey damage and to estimate the extent of the affected area.

Ensure that all personnel remain upwind or upstream of the incident site. This may require repositioning of personnel and equipment as conditions change.

Direct designated hazardous incident responders to the incident site.

Assist in efforts to identify spilled substance.

Establish traffic and perimeter control for affected area.

Determine the feasibility of using private security contractors to assist in maintaining perimeter control when demands exceed capability of the Police Department.

Assist in the coordination of medical assistance.

Assist in the warning dissemination and search and rescue operations.

Search vacated areas to ensure that all people have received warnings.

Direct and monitor population evacuation.

Provide law enforcement and crowd control services at mass care facilities.

Assist with the removal and disposition of the dead, if requested by the County Coroner.

Establish traffic and other controls to permit re-entry when safe.

Request mutual aid assistance from the Operational Area Law Enforcement Coordinator.

3. *Public Works Department/Engineering Department*

Contact the Incident Commander to determine construction and engineering requirements.

Provide equipment and crews to support hazardous material team as requested.

Ensure that personnel have adequate protective clothing for operations in hazardous areas.

Provide information regarding public works improvements as related to the incident, i.e. street drainage, underground channels, etc..

Provide for traffic control devices and their placement.

Support roadblocks as requested by the Police Department.

Assessment of damage to City maintained roads and streets for immediate

and long term access/egress needs.

Make repairs and establish detours to restore surface street transportation.

4. *Parks & Recreation Department*

Provide personnel for staffing and coordination of evacuation centers.

5. *Victor Valley Water District*

Provide information regarding water utility improvements and distribution systems as related to the incident.

6. *Victor Valley Unified School District*

Provide facilities and support staff for evacuation centers.

Coordinate the use of District bus resources for transportation of evacuated persons as needed.

County of San Bernardino

1. *Agricultural Commissioner*

Enforcement of all State and Federal regulations relating to the use of pesticides.

2. *San Bernardino County Fire Department*

Provide declaration of local health emergency when a release, spill, or escape of hazardous material/waste endangers the public.

In the event that a local health emergency is declared, designated health officer supervises and controls all environmental health and sanitation programs and the personnel employed under those programs during the existence of the emergency.

Provide support in the sampling and analysis of hazardous substances to determine identifying information and provide data to State and local agencies involved in the emergency.

Responsible for coordinating treatment of injuries resulting from any hazardous material incident within the County. Take any preventive measures which may be necessary to protect and preserve the public health.

Will prepare necessary reports and make appropriate notifications as required by the Safe Drinking Water and Toxic Enforcement Act of 1986.

3. *Sheriff's Department*

Provide mutual aid support to the Victorville Police Department as requested.

Regional Fire Protection Authority

Provide mutual aid support to the City as may be requested, including but not limited hazardous materials response team, suppression and rescue resources, etc.

State of California

State response to a hazardous material incident will be in accordance with the California State Hazardous Material Incident Contingency Plan. The scale of the response, resources made available, and number of agencies participating in the emergency will be predicated on the nature of each specific incident.

Where state agency participation is required, the State Agency Coordinator (SAC) supports the Incident Commander by coordinating state resources and maintains liaison with the Federal On-Scene Coordinator (when present). SAC is a representative of either the CHP (for on-highway incidents) or the Department of Fish & Game (DFG) (for off-highway incidents). The first state official on scene shall assume the responsibility of the SAC until relieved by

the CHP or DFG. The SAC shall obtain and provide pertinent information for state agencies, i.e. information pertaining to the public health, safety, and environment impacting the mandate of the state agencies, and shall provide assistance to the Incident Commander in prioritizing and acquiring state resources necessary to mitigate and abate the incident.

1. *Office of Emergency Services (OES)*

The State Office of Emergency Services is responsible for general planning, and the notification and coordination of all State agencies involved in response to hazardous material incidents. Their functions include:

- A. Serving as the information, assistance, and notification coordinator for toxic substance incidents.**
- B. Coordinating with the CHP to notify and alert State and Federal agencies regarding an incident.**
- C. Preparing and coordinating public information and press release with local, state and federal agencies.**
- D. Coordinating state mutual aid.**

In cases when radioactive material is involved, OES will:

- A. Coordinate State radiological monitoring of areas, personnel and equipment in support of County authority.**
- B. Assess the radiological situation.**
- C. Provide dosimeters and portable radiation detection equipment to state and local agencies which have emergency response assignments. On major incidents, OES will furnish such communication facilities as mutually determined by the OES representative and the State Agency Coordinator.**

D. Coordinate with the US Department of Energy for additional assistance.

2. *California Highway Patrol (CHP)*

The CHP will act as the information, assistance, and notification coordinator for hazardous material incidents occurring upon any highway (2453 VC).

The CHP has the primary responsibility for traffic supervision and control on all State highways constructed as freeways, all State owned vehicular crossings (toll bridges), and on highways within the unincorporated areas of the state.

The CHP shall function as the scene manager for any hazardous material incident occurring on all highways under their jurisdiction (2454 VC). The CHP will also function as the State Agency Coordinator for all on-road spills.

For on-highway hazardous materials incidents occurring within cities, the CHP will, upon request, assist the scene manager/incident commander in obtaining State assistance.

Should CHP assistance be requested in an area outside their jurisdiction under the authority of the Statewide Law Enforcement Mutual Aid Plan, CHP law enforcement functions will be carried out in cooperation with the Operational Area Coordinator (County Sheriff).

3. *Department of Fish and Game (DFG)*

DFG is responsible for protecting the State's wildlife resources and their habitat.

DFG can provide recommendations and guidelines when a hazardous substance incident has or may contaminate streams or waterways.

The DFG is designated as the State agency that will assess damage to the

living resources.

The DFG can also provide law enforcement support.

The DFG will function as the State Agency Coordinator for hazardous material incidents occurring off highway.

4. ***California Department of Transportation (Caltrans)***

Caltrans shall be promptly notified of any hazardous substance incident affecting a state highway.

Caltrans can assist in the identification and containment of hazardous substances and restoration of the orderly flow of traffic on state highways.

Caltrans will evaluate and report road conditions to OES.

Caltrans will assist California Highway Patrol with traffic control and routing requirements.

Caltrans will coordinate the cleanup of haz-mat spills on state highways and restore contaminated highways and other transportation facilities under its jurisdiction.

Caltrans can monitor contamination as requested by OES or the scene manager.

Caltrans will determine liability and pursue reimbursement for repairs to State highways caused by hazardous material incidents.

5. ***State Water Resources Control Board (SWRCB)***
(Lahontan Regional Water Quality Control Board)

The SWRCB has broad responsibilities for protection of surface and ground water resources throughout the state. The State Water Resources Control

(SWRCB) and the nine Regional Water Quality Control Boards have broad powers through statutory and regulatory authority from the California Water Code and Title 23 of the California Administrative Code, to protect the waters of the State of California from an actual or potential threat due to the use of hazardous materials.

This regulatory authority extends to the protection of both surface and ground waters and can be exercised through the issuance of Cleanup and Abatement Orders or Cease and Desist orders, as well as, levying fines for cleanup and recovering the costs of cleanup. Thus, timely regulatory authority can be brought to bear in certain pollution incidents impacting the waters of the state.

In addition, all disposal sites in the State are regulated by Waste Discharge Requirements issued by the Regional Boards. Therefore, disposal of any hazardous materials must meet the Board's criteria for disposal at any given site. Board staff can provide expertise on cleanup and disposal. Under some circumstances when an incident impacts water quality and no other sources of funds are available, SWRCB may, prior to the cleanup, authorize expenditures for the costs of cleanup from the Cleanup and Abatement Account.

6. *Department of Health Service (DHS)*

DHS is responsible for protecting public health from low-level radioactivity and hazardous wastes. They have responsibilities for protecting food and water supplies from the effects of hazardous waste incidents. DHS is responsible for regulating the management of hazardous and extremely hazardous waste including generation, treatment, storage, transportation, and disposal. Additionally, DHS administers the state superfund as it relates to spill clean-up and the purchase and deployment of emergency response equipment in accordance with 25351 H & SC.

DHS provides guidelines and assistance to local public health personnel when an incident could affect the public. All incidents involving radioactive

materials should be reported to the Department of Health Services.

DHS can provide the following services:

- A. Identify hospitals and medical facilities capable of handling contaminated, injured patients.**
- B. Identify teams of medical personnel that could be transported to the hospitals to lend assistance.**
- C. Ensure all emergency response medical personnel are trained in the techniques relating to handling contamination patients and limiting the spread of contamination within medical facilities. Establish procedures to be used in treating exposed patients, medical facilities.**
- D. Identify all medical equipment and supplies necessary for treating large numbers of injured and/or contaminated patients.**
- E. Develop plans for long-term medical care of exposed population including medical treatment record keeping.**

Federal Agency Response

Federal agency response to a hazardous material incident will be in accordance with the National Oil and Hazardous Substances Contingency Plan. Federal law requires response to oil or hazardous material spills affecting navigable waters or harmful releases to the environment. The scale of the response and the number of agencies participating in the response will be predicated on the nature of the incident.

When notified of an incident, an On-Scene Coordinator (OSC) may be dispatched to the scene. Through joint conferences with the local scene manager/incident commander and the State Agency Coordinator, the OSC will determine the type and extent of Federal resources required to respond to the incident. For incidents affecting coastal waters the OSC will be a

representative of the U.S. Coast Guard; for all other incidents, the OSC will be a representative of the U.S. Environmental Protection Agency.

1. ***U.S. Environmental Protection Agency (EPA)***

EPA is responsible for the protection of the environment from all types of contaminating substances. EPA may activate a federal response team for major pollution incidents.

EPA also administers Federal superfund monies used to remediate hazardous substance spill or release incidents.

2. ***U.S. Department of Transportation (DOT)***

DOT has a responsibility to regulate the transportation of hazardous materials. This is granted under Title 49, Code of Federal Regulations, and covers packaging, labeling, and transportation requirements of hazardous material shipments.

3. ***U.S. Coast Guard (USCG)***

USCG's area of responsibility encompasses the State's coastline and navigable waterways or tributaries thereof within the State. They can provide for the decontamination and cleanup of any material that affects waters under their jurisdictions. The USCG must be notified when any hazardous material is spilled in waters under USCG jurisdiction. The USCG also administers Federal monies used to remediate water pollution under Section 311K of Clean Water Act.

4. ***Military Explosive Ordinance Disposal (EOD)***

Military EOD units will respond to assist in handling military ordinance involved in hazardous material incidents.

5. *Federal Emergency Management Agency (FEMA)*

When a hazardous material incident causes sufficient damage to merit a Presidential Declaration of major disaster, this agency provides funding support to State and local governments for disaster relief.

6. *U.S. Air Force*

The Air Force shall provide assistance in investigations to evaluate the magnitude and severity of discharges or releases on or adjacent to resources under the jurisdiction of the Air Force. The Air Force may also provide the Victorville Fire Department with assistance through different Department of Defense branches.

Non-Government

1. *Relief Agencies*

Support from various organizations may be required to properly assess and handle the situation. Those willing and able to assist in such an emergency include the American National Red Cross (ANRC), and the Salvation Army.

A. *American National Red Cross*

Provides relief for persons affected by disaster including food, clothing, and lodging; supplemental medical and nursing assistance; various family services; and rehabilitation. During disasters, the Red Cross operates independently of, but coordinates with, local government.

B. *Salvation Army*

The Salvation Army can, within the limits of its personnel and fiscal capabilities, provide mobile feeding for disaster victims and emergency workers, emergency housing, medical assistance, referrals to appropriate government and private agencies for special services required by victims, and other services as required.

2. ***Amateur Radio Public Service Corps*** - There are two organized and specialized communications units within the Amateur Radio Public Service Corps. These units are the Amateur Radio Emergency Service (ARES), and Radio Amateur Civil Emergency Service (RACES). Also included in the Public Service Family is the National Traffic System (NTS). These units are closely integrated to provide each community with a system of local and national communications assistance in times of emergency.

3. ***CHEMTREC (800-424-9300)*** - The Chemical Transportation Emergency Center is a 24-hour public service of the Chemical Manufacturers Association that provides emergency information regarding hazardous releases:
(1) Immediate emergency action information for spill, leak, exposure, or fire control measures; (2) Precautionary information; (3) Assistance in identification of hazardous substances if the manufacturer is known or shipping papers are present; (4) Immediate notification of manufacturers or shippers through their emergency contacts or notification of industry mutual aid networks.

4. ***National Pesticide Information Center (800-858-7378)*** - Provides information about pesticides, spill handling, disposal, cleanup, and health effects.

RESPONSIBILITY MATRIX

	NO	ID	CO	LT	RES	CD	EA	EM	PH	REC	PI	NR
<u>LOCAL AGENCIES</u>												
Victorville Unified Schools							X					
Fire Department	X	X	X		X	X					X	X
Parks & Recreation							X					
Police Department - Victorville	X	X	X	X			X					
Public Works Department					X	X			X			
Water Utility									X			
<u>COUNTY AGENCIES</u>												
Agricultural Commissioner		X				X				X		
Department of Health		X	X			X		X	X	X	X	
Fire Department	X											X
Sheriff's Department				X								
<u>STATE AGENCIES</u>												
Air Quality Management District		X							X			
California Highway Patrol	X	X	X	X			X				X	
Department of Fish & Game		X	X	X		X						X
Department of Health Services		X				X	X	X	X		X	
Office of Emergency Services	X		X							X	X	
Lahonton Regional Water		X	X		X	X			X	X		X
<u>FEDERAL AGENCIES</u>												
EPA	X	X	X			X						X
FEMA			X				X			X	X	
HQ AFBCA (Notification to be by Air Force (OL-C) only)	X											
U.S. Air Force	X	X	X			X					X	X
U.S. Coast Guard	X	X	X	X	X	X						X
<u>NON-GOVERNMENT</u>												
Ambulance Service							X	X				
American Red Cross							X			X		
Hazardous Waste Clean-Up		X			X	X				X		X
Hospitals		X						X				
Salvation Army							X			X		

CD = Cleanup, Disposal

CO = Coordination

EA = Evacuation, Area Control

EM = Emergency Medical

ID = Identification, Analysis, Tech. Assistance

LT = Law Enforcement, Traffic Control

NO = Notification

NR = Natural Resources Protection

PH = Public Health

PI = Public Information

REC = Recovery

RES = Rescue, Suppression, Contain.

MASS CARE/EVACUATION CENTERS

The following listed may be used as mass care shelters. Accommodations should be adequate to provide for at least 50 square feet per shelter as well as feeding, parking, and restroom facilities.

It is preferable to use public buildings for shelter sites. Keep in mind that only 25% of the evacuated population is expected to utilize public shelter. Junior High and High Schools generally have cooking facilities while elementary schools do not.

Elementary Schools

- Brentwood.....(760) 243-2301**
13962 Hook Blvd., Victorville
- Shepard Middle School.....(760) 246-6881**
18000 McCoy Circle, Adelanto
- Discovery School of the Arts.....(760) 949-2100**
13247 Amethyst Road, Victorville
- Eagle Ranch Elementary.....(760) 949-2100**
12545 Eagle Ranch Parkway, Victorville
- Green Tree East Elementary School.....(760) 955-7600**
17246 Gibraltar Drive, Victorville
- George Elementary – SCLA.....(760) 246-8231**
Nevada Avenue, Victorville
- Del Rey Elementary.....(760) 243-1160**
15532 Del Rey Drive, Victorville
- Hollyvale Elementary.....(760) 947-3484**
11645 Hollyvale Avenue, Victorville

The Academy & Irwin.....(760) 245-7961
14907 S. Mojave Drive, Victorville

Liberty Elementary.....(760) 241-1520
12900 Amethyst Road, Victorville

Lomas Elementary.....(760) 243-2012
12571 First Avenue, Victorville

Mesa Linda Middle School.....(760) 956-7355
13001 Mesa Linda Avenue, Victorville

Mojave Vista.....(760) 241-2474
16100 Burwood Avenue, Victorville

Morgan Kincaid.....(760) 956-9006
13257 Mesa Linda Avenue, Victorville

Park View Elementary.....(760) 241-7731
13427 Cahuenga, Victorville

Puesta Del Sol Elementary.....(760) 243-2028
15887 Academy St., Victorville

Sixth Street Prep School.....(760) 241-0962
15478 Sixth Street, Victorville

Village Elementary.....(760) 243-1160
14711 Mojave Drive, Victorville

Junior High Schools

Hook Jr. High.....(760) 955-3360
15000 Hook Boulevard, Victorville

Cobalt Jr. High.....(760) 955-2530
13801 Cobalt Rd., Victorville

Victor Valley Jr. High.....(760) 955-3400
16925 Forrest Ave., Victorville

High Schools

Maverick High School.....(760) 955-3440
15733 First Street, Victorville

Silverado High School.....(760) 955-3439
14048 Cobalt Road

Victor Valley High School.....(760) 955-3300
16500 Mojave Drive

Parks and Recreation Facilities

Hook Park/Community Center.....(760) 245-5551
14973 Joshua Street

Old Victor School.....(760) 951-3822
15476 Sixth Street

Pebble Beach Park.....(760) 245-6467
16300 Pebble Beach Drive

Victorville Activities Center.....[PayPhone] (760) 243-9835
15075 Hesperia Road

San Bernardino County Fair Grounds

14800 7th Street.....(760) 951-2200

HAZARDOUS MATERIALS CLEAN UP AND DISPOSAL COMPANIES

- NOTE:**
- 1. Cleanup by commercial companies is expensive. Reasonable opportunity should be provided for the organization responsible for the incident to solve the problem.**
 - 2. Commercial companies frequently are not willing to handle all hazardous materials (i.e. explosives, radioactive materials, etiological agents)**
 - 3. When it becomes necessary to conduct EMERGENCY cleanup operations where there is not an identified generator or responsible party the California Department of Health Services, Toxic Substances Control Division, has assigned a CAS number to the County of San Bernardino for the purpose of moving these materials by an authorized cleanup contractor. This number is exempt from generator and reporting fee requirements. The number for San Bernardino County is CAS 111 036. UNDER NO CIRCUMSTANCES IS THIS NUMBER TO BE UTILIZED IF A GENERATOR OR RESPONSIBLE PARTY HAS BEEN IDENTIFIED.**

=====

Altec Testing(800) 832-1995
6035 Fremont Street
Riverside, CA 92504

Capabilities: Building survey, air & bulk sampling for asbestos

Consolidated Waste Industries, Inc......(800) 788-2167
10680 Silicon Avenue (909) 625-6645
Montclair, CA 91763-4621

Capabilities: Unknown chemical cleanup in small and large quantities.

Crosby & Overton, Inc......(562) 432-5445
1610 West 17th Street
Long Beach, CA 90813

Capabilities: Unknown chemical spill cleanup; vacuum truck service; disposal of known, containerized wastes; waste-oil disposal.

Safety Clean.....(909) 688-2822
7979 Palm Avenue After Hours (800) 468-1760
Highland, CA 92346

Capabilities: Disposal of known containerized waste. Business hours restricted to 8:00 AM to 5:00 PM Mon-Fri.

HAZPAK, Incorporated, Environmental & Remediation.....(800) 326-1011
9980 Cherry Avenue 24-hr/7 day
Fontana, CA 92335

Capabilities: Specialize in packaging of small quantities, capable of handling all containerized, hazardous chemicals; take to a disposal transportation site.

IT Corporation

336 West Anaheim Street

Wilmington, CA 90744

Capabilities: Unknown chemical spill cleanup; vacuum truck service; disposal of known, containerized hazardous waste; waste oil disposal (IT does not handle explosives or radioactive material).

CLASS I - CHEMICALS

Chemical Waste Management Company.....(559) 386-9711
Kettleman Hills Landfill (Kings County)
P.O. Box 471
35251 Old Skyline Rd.
Kettleman City, CA 93239

CLASS II-I - PETROLEUM WASTE

Bakersfield, CA

NUCLEAR

U.S. Ecology, Inc.
Beatty, Nevada DOES NOT accept nuclear waste.....(775) 553-2203
Richmond, WA DOES accept nuclear waste M-F.....(509) 377-2411
Low level radio activity norm waste naturally occur
Facility Site Manager Mike Qult (509) 521-5409 (cell)

INFECTIOUS (ETIOLOGIC)

EMERGENCY PUBLIC INFORMATION

Introduction

This section provides policies and procedures which will be taken to notify the public of a hazardous materials emergency. Information will be disseminated by the individual serving in the capacity of Public Information Officer for the incident. The position may be filled by the incident commander or designated representative. **ALL RELEASES MUST BE CLEARED THROUGH THE INCIDENT COMMANDER AND TECHNICAL ADVISER AT THE SCENE OF THE EMERGENCY.**

The Public Information Officer (PIO) is responsible for the formulation and release of information about the incident to the news media and other appropriate agencies and organizations. The PIO, and other staff when established, shall coordinate all media releases and respond to public inquiries, subject to approval of the incident commander.

Access to the media may be initiated by utilizing the contact numbers provided under "Media Contacts."

The size and severity of the incident will determine the extent to which public notification is made. Following are suggested levels of notification for varying types of incidents.

Unidentified Material - Refer to Sample Message No. 1

If incident is in a heavy traffic area and alternate routes are available, notify media (radio) and request frequent announcements of instructions to avoid the area. (Coordinate announcements with the Police Department.) Notify media with full explanation as soon as material has been identified. (Clear with incident commander and technical adviser to avoid unduly alarming or confusing the public.)

Low Hazard/Confined Incident - No General Evacuation - Refer to Sample Message No. 2

Notify media (primarily radio) that incident occurred. Indicate alternate routes for traffic and request frequent announcements of instructions to avoid the area. Indicate the nature of the incident and precautions for the public. Indicate the response agencies involved, cleanup efforts underway, and time frame for resumption of normal traffic patterns, if known.

High Hazard - General Evacuation Requested/Mandatory

Release all previously listed information as appropriate. Release evacuation instructions to media (radio). Use Emergency Broadcast System (EBS) procedures as appropriate. Release mass care information when known (coordinate with the American Red Cross).

Have medical/technical spokesperson(s) available to describe the nature of the toxic substance, possible symptoms, and precautions for the public to take.

Hold media briefing(s) at scene where the incident commander and medical/technical spokesperson can answer media questions. Spokespersons should be prepared to answer questions similar to those listed on the Media Briefing Checklist on the following page. Suggested responses or cautions are given in brackets.

Media Briefing Checklist

- How many deaths/injuries were there?
Any property damage?
-
-

— **What response agencies were involved?**

— **Why was evacuation ordered?
Why wasn't evacuation ordered?
Number of persons evacuated.**

— **What are the long-term effects on people and the environment? Note:
Long-term studies have not been done on most chemicals. Be careful not
to speculate.**

— **What chemicals are involved?
How toxic are they? What symptoms are produced?
What are their (chemicals) normal uses?
What precautions should residents take?**

— **What company/agency was involved?
Is legal action being considered? (Unless a definite YES or NO answer is
known, do not speculate. Indicate, "I don't know at this time.")**

— Does the City of Victorville have a plan for response to such incidents?
How did it work?

SAMPLE RADIO MESSAGE NO. 1

UNIDENTIFIED SPILL/RELEASE IN HEAVY TRAFFIC AREA

This is _____ at the _____

An unidentified substance which may be hazardous has been spilled/released at

(Specific Location)

Please avoid the area, if possible, while crews are responding. The best alternate routes are

If you are already in the area, please be patient and follow directions of emergency response personnel. The substance will be evaluated by specially trained personnel, and further information will be released as soon as possible.

Thank you for your cooperation.

SAMPLE RADIO MESSAGE NO. 2

LOW HAZARD/CONFINED SPILL/RELEASE - NO GENERAL EVACUATION

This is _____ at the _____

A small amount of _____

a hazardous substance, has been spilled/released at

Streets are blocked, traffic is restricted, and authorities have asked residents in the immediate _____

block area to evacuate. Please avoid the area. The material is slightly/highly toxic to humans and can cause the following symptoms:

If you think you may have come in contact with this material, you should: (Give health instructions and hotline number.)

**For your safety, please avoid the area if at all possible. Alternate routes are _____
_____ and traffic is being diverted.**

If you are now near the spill/release area, please follow directions of emergency response personnel. Cleanup crews are on the scene.

Thank you for your cooperation.

SAMPLE RADIO MESSAGE NO. 3

HIGH HAZARD SPILL/RELEASE - GENERAL EVACUATION

REQUESTED/MANDATORY

This is _____ of the _____
A large/small amount of _____
a highly hazardous substance, has been spilled/released at _____

Because of the potential health hazard, authorities are requesting/requiring all
Victorville residents within _____ blocks/miles of the area to evacuate. If you
are within _____
you and your family should/must leave as soon as possible/now. Drive away
from the area. You may endanger yourself by proceeding toward the incident.
Go immediately to the home of a friend or relative outside the evacuation area or
to: _____

If you can drive a neighbor who has no transportation, please do so. If you need
transportation, contact _____. Children attending the following
schools: _____
will be evacuated to _____

Do not drive to your child's school. Pick your child up from school authorities at
the evacuation center. Listen to this station for instructions.

The material can be/is highly toxic to humans and can cause the following
symptoms: _____

If you are experiencing any of these symptoms, seek help at a hospital outside
the evacuation area or at the evacuation center at _____

To repeat, if you are in the area of _____
you should/must leave for your own safety. Do not use your telephone unless
you need emergency assistance.

Radio Stations-Time/Person Contacted

KAPL 247-7190 _____
KATJ/KCIN 245-2212 _____
KVVQ 244-2000 _____
Y102/KIX 241-1313 _____

Television-Time/Person Contacted

KHIZ 241-5888 _____
CHARTER CABLE _____
VISION _____

Submitted by: _____

**SUMMARY STATEMENT FOR MEDIA
(TO BE ADAPTED ACCORDING TO THE SITUATION)**

At approximately _____ am/pm today, a spill/release of a potentially hazardous substance was reported to this office by:

Fire and Police units were immediately dispatched to cordon off the area and direct traffic. The material was later determined to

be (describe) _____

a hazardous/harmless substance, which upon contact, may produce symptoms of:

Precautionary evacuation of the *(immediate/x-block)*: _____

area surrounding the spill was *(requested/required)* by: (agency) _____

Approximately _____ persons were evacuated. Cleanup crews from (agency/company) _____

were dispatched to the scene, and normal traffic had resumed by (time) _____ at which time residents were allowed to return to their homes. There were no injuries reported OR _____ persons, including

(fire/police) _____

personnel, were treated at area hospitals for _____ and (all/number) _____ were later released. Those remaining in the hospital are in _____

condition. Response agencies involved were _____

MEDIA CONTACTS

Radio Stations

KRAK/KVFG (910 AM).....		(760) 244-2000
11920 Hesperia Road	Newsroom:	(760) 244-9009
Hesperia, CA 92345	FAX:	(760) 244-1198

Public Service Announcement: Yes

**KIXW (960 AM), KIXA (106.5 FM), KJAT (105.3 Barstow)..Bus. Line (760) 955-1357
KZXY (Y-102 FM)**

12370 Hesperia Road (Mail: P. O. Box 1778)

Victorville, CA 92392

Newsroom FAX: (760) 241-3335

News: 6:30 a.m., 7:30 a.m., 8:30 a.m., 12:30 p.m.

Public Service Announcement: Yes

Emergency Broadcast System - Available

KCIN - KATJ (1590 AM/100.7 FM).....		(760) 955-1357
15650 Seneca Road		
Victorville, CA 92392	FAX:	(760) 245-3335

KNX Radio	(213) 460 3000
Los Angeles	FAX: (213) 460-3275
KNX - AM 1070 khz	

KFWB Radio.....	(213) 871-4633
Los Angeles	FAX: (213) 871-4670
KFWB - AM 980 khz	

Television Stations

KHIZ (Station 64).....(760) 241-5888
15605 Village Drive (Mail: P.O. Box 6464) FAX: (760) 241-0056
Victorville, CA 92392

Charter Communications.....(866) 499-8080
10490 Business Center Drive FAX:
Victorville, CA 92395

KCBS TV Channel 2.....(213) 460-3000
6121 West Sunset Blvd. News Desk: (213) 460-3437
Los Angeles, CA FAX: (213) 460-3733

KNCB TV Channel 4.....(909) 788-2221
Inland Empire Bureau News Desk: (818) 840-3425
1860 Chicago Avenue FAX: (909) 369-8102
Riverside, CA 92502

KTLA TV Channel 5.....(213) 460-5500
Los Angeles, CA FAX: (213) 460-5333

KABC TV Channel 7.....(909) 682-5970
Inland Empire Bureau News Desk: (310) 557-3200
1960 Chicago Avenue FAX: (310) 781-0193
Riverside, CA 92502

KCAL TV Channel 9.....(213) 467-9999
Los Angeles, CA FAX: (213) 464-2526

KTTV TV Channel 11.....(310) 584-2000
Los Angeles, CA

Newspapers

Daily Press.....(760) 241-7744
13891 Park Avenue (Mail: P.O. Box 1389) **News Room: (760) 951-6230**
Victorville, CA 92392 **FAX: (760) 241-1860**

The Sun - Victorville Bureau.....(760) 241-6437
15367 Bonanza Road **News Room: (760) 241-7017**
Victorville, CA 92392 **Barstow News Room: (760) 256-6867**
 FAX: (760) 241-9650

Valley Wide Newspapers.....(760) 244-0021
(Victor Valley Living, Hesperia Resorter, Apple Valley News) FAX: (760) 244-6609
P. O. Box 947
Hesperia, CA 92345

Deadline: 10:00 a.m. Monday for Friday edition



EVACUATION TRANSPORTATION/TOWING SERVICES

Transportation

Victor Valley Transit Authority.....M-F 8:00 a.m. – 5:00 p.m.....(760) 241-0206
11741 East Santa Avenue.....(760) 947-5719 x228

Total Capacity of 520 passengers; 34 cutaways van 8-12 + 2 wheelchairs; 21 fixed route 37+2 wheelchair; 5 commuter 38 + 2 wheel; 2 El Dorado van; 3 + 2 wheelchairs

Towing

A-1 Towing.....(760) 948-1123
10651 E Avenue
Hesperia, CA 92345

GM Towing.....(760) 244-1868
15963 Main Street
(24 hour)
Hesperia, CA 92345

Murphy's Garage.....(760) 245-5366
14988 Hesperia Road
Victorville, CA 92392

EMERGENCY COMMUNICATIONS

Notification of the occurrence of a hazardous materials incident may be initiated by calling the Desert Communications center through the 911 emergency number, through the designated 7-digit Fire Department emergency number (760) 245-6280, through the designated 7-digit Police Department emergency number (760) 245-4211. All numbers listed are monitored 24 hours a day.

Emergency radio communications shall be conducted on the frequencies licensed to the City of Victorville for use in local government service:

Victorville Fire Department Primary (Des Comm)	154.205 mhz
Statewide Fire Mutual Aid - White Net #1	154.280 mhz
Statewide Fire Mutual Aid - White Net #2	154.265 mhz
Statewide Fire Mutual Aid - White Net #3	154.295 mhz
 CALCORD.....	 156.075 mhz
 Victorville Police Department Primary.....	 859.950 mhz
Statewide Police Mutual Aid - CLEMARS	154.920 mhz
 City of Victorville Local Government Channel.....	 158.925 mhz
(Public Works)	

In the event that Fire Service Mutual Aid is utilized on a hazardous materials incident, the primary frequency used to communicate among responding agencies shall be County Red 154.325 mhz. Should the incoming agencies have the capability, alternate frequencies of White Net #2, White Net #3, or CALCORD may be utilized as needed.

Alternate communications facilities which may be utilized in the event radio traffic exceeds the capacity of established channels or systems are rendered inoperative due to a catastrophic event:

Radio Amateurs Civil Emergency Services, R.A.C.E.S., may be mobilized by contacting the Victorville Fire Department Emergency Command Center and

requesting the services of the volunteer organization.

The Regional Fire Protection Authority Communication Support 481, which is housed by the Victorville Fire Department, may be mobilized to provide a complete mobile communications center. This vehicle is equipped with multi-channel radio equipment and telephone facilities.

EMERGENCY RESPONSE PERSONNEL TRAINING

In compliance with the provisions of 29 CFR, Part 1910.120(q) - Occupational Safety and Health Standards for Hazardous Waste Operations and Emergency Response, Emergency Response to Hazardous Substance Releases, the Victorville Fire Department has adopted the following MINIMUM training standards for positions as identified.

First Responder Operations Level - All Fire Suppression Members

Knowledge of the basic hazard and risk assessment techniques.

Know how to select and use proper personal protective equipment provided to the first responder operational level.

An understanding of basic hazardous materials terms.

Know how to perform basic control, containment, and/or confinement operations within the capabilities of the resources and personal protective equipment available with their unit.

Know how to implement basic decontamination procedures.

An understanding of the relevant standard operating procedures and termination procedures.

Hazardous Materials Team Members - Haz-Mat Specialist and Technician

Know how to implement the City's emergency response plan.

Know the classification, identification, and verification of known and unknown materials by using field survey instruments and equipment.

Be able to function within an assigned role in the incident command system.

Know how to select and use proper specialized chemical personal protective

equipment provided to the hazardous materials technician/specialist.

Understand hazard and risk assessment techniques.

Be able to perform advance control, containment, and/or confinement operations within the capabilities of the resources and personal protective equipment available with the unit.

Understand and implement decontamination procedures.

Understand termination procedures.

On Scene Incident Commander - Division Chiefs

Know and be able to implement the Incident Command System.

Know how to implement the City of Victorville Multi-Hazard Functional Plan.

Know and understand the hazards and risks associated with employees working in chemical protective clothing.

Know how to implement the local emergency response plan.

Know of the State Emergency Response Plan and of the Federal Regional Response Team.

Know and understand the importance of decontamination procedures.

Refresher Training

Those employees who are trained in accordance with this section shall receive annual refresher training of sufficient content and duration to maintain their competencies or shall demonstrate competency in those areas at least yearly.

A record of the training shall be prepared and submitted to the Training Officer of the Department for documentation of the training received. Training records can

be reviewed at Victorville Fire Station No. 311, 16200 Desert Knoll Drive.

Training and exercise in the elements of this Plan shall be completed annually by the Fire Department. Haz-Mat Team members also receive monthly training through County Haz-Mat Team drills.

POST INCIDENT REVIEW

The Post Incident Review of a hazardous materials incident is essential for future successful responses and will, if carried out objectively, serve as an excellent training aid.

Objectives

It is necessary in any post incident review to objectively examine agency response actions, deployment tactics, overall incident management, coordination techniques, and other relevant factors for the purpose of improving planning and future performance. The post incident review should follow an incident in a very timely manner.

Responsibilities

Each agency and department is responsible for analyzing its own response actions, including relationships with other agencies. Being the agency which provides scene management, the Fire Department will organize and facilitate after-action critique sessions. Without strong support from all agencies and departments, review sessions are of little value. Therefore, it is essential that each agency involved in the incident be represented. Preferably, the person attending will have been present at the incident.

All participants in the critique should be prepared to discuss the incident with an open mind. This is not the place to fix "blame" and find a "scapegoat." Be prepared to give and accept constructive criticism.

Feedback concerning inadequacies in the Hazardous Materials Incident Field Operations Guide and Area Plan should be forwarded to Fire Administration for development and implementation of suggested changes.

Training

Use of post incident reviews, critique sessions, and after- action reports in training is an excellent practice and shall be conducted whenever possible.

SPILL RESPONSE PLAN

COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS AND SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT

June 2013



COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS
AND
SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT
STANDARD OPERATING PROCEDURE
FOR SPILL RESPONSE

I. INTRODUCTION

A. Purpose:

This Standard Operating Procedure (SOP) provides guidance to Public Works field personnel responding to hazardous material spills, illicit dumping of hazardous wastes, illicit discharges, and any type of incidents that may cause a release of any material which could threaten public health or the environment. The State of California, acting on behalf of the Environmental Protection Agency to administer the Federal Clean Water Act, has issued the County of San Bernardino two National Pollutant Discharge Elimination System (NPDES) Permits regulating conditions which require incident response: a Phase 1 Municipal Separate Storm Sewer System (MS4) Permit has been issued for the Santa Ana River watershed, and a Phase II Permit has been issued for the metropolitan Mojave River area. Other portions of County jurisdiction not under Permit will respond as if they were regulated by a Permit. The County MS4 Permits, also known as the County Stormwater Permits, mandate immediate reporting of hazardous material emergencies, and certain other illicit discharges, to the Executive Officer of the Regional Board and appropriate outside agencies. Appropriate measures are to be taken to contain, remove, and dispose of any materials that pose a threat to the jurisdictional drainage of the County.

The procedures for responding listed in this document are applicable only for San Bernardino County Maintained Roads (CMRS), Road right-of-way (ROW) and San Bernardino County Flood Control District (FLOOD) fee owned right-of-way and maintained facilities.

B. Relationship To Other San Bernardino County Departments:

The Department of Public Works (DPW) – Transportation (ROAD) and Flood Control District (FLOOD)- has a spill response Memorandum of Understanding (MOU) with San Bernardino County Fire Protection District – Hazardous Materials Division (HAZMAT) that addresses incident response related to hazardous materials spills, and evaluation of illicit releases or dumping. In the event of an emergency response incident, ROAD and FLOOD could be notified to respond and provide cooperative effort under the direction of the Incident Commander. If HAZMAT characterizes the incident as non-hazardous, but still a threat to the

environment, then the incident is transferred to ROAD or FLOOD for site clean-up.

It is ROAD and/or FLOOD responsibility to monitor clean-up activities and/or contact spill response contractors for non-emergency incidents with a low Hazard threat, such as sewage spills and minor automotive fluid spills. (There is a list of appropriate contractors in the Notification Section (V) of this document.)

II. DEPARTMENT OF PUBLIC WORKS RESPONSIBILITIES

ROAD and FLOOD personnel are responsible to follow the compliance requirements contained within the NPDES Permits and Hazmat spill response MOU for responding to and reporting spill and dumping incidents.

A. Incident Reporting

1. Calls and/or e-mail incident reports received by DPW staff should be forwarded to the Radio Room (Station 1).
2. The Radio Room staff will be responsible for collecting information about the incident, as required by the NPDES Permits forms provided by NPDES (see Appendices).
3. During normal business working hours, ROAD and FLOOD personnel should contact the Radio Room to report hazardous spills, releases, or illicit dumping.
4. Radio Room is responsible to contact and notify all the appropriate departments and agencies (refer to Section V) at the direction of the Incident Commander.
5. Outside of normal business working hours, incidents may be reported to County COMM Center (909) 356-3805. COMM Center will relay incident reports to DPW, in accordance with COMM Center protocols.
6. NPDES staff may also receive non-emergency incident reports:
 - a. Stormwater Hotline (877) 927-8318 (notification via e-mail)
 - b. Stormwater Website (e-mail)

Incidents reported to NPDES will be routed by NPDES staff to the Radio Room or appropriate agency during regular working hours.

B. Incident Response

1. If incident is an emergency, ROAD and FLOOD response will be to support operations as directed by the emergency Incident Commander.
2. If incident does not require emergency response and DPW personnel are not on site, ROAD and/or FLOOD personnel may be dispatched by the Radio Room to investigate and document that incident.

3. If no ROAD or FLOOD personnel are readily available, NPDES staff may be dispatched to investigate and document an incident.
4. If incident is reported by ROAD, FLOOD or NPDES staff on site, they assume incident command until relieved by emergency response personnel, or other recognized authority.
5. If requested by ROAD, FLOOD or NPDES personnel on site, Radio Room may call Hazmat to report an incident and request a characterization.
6. If needed ROAD, FLOOD or NPDES personnel will remain on site until the incident has been characterized.
7. Radio Room will maintain an ongoing incident report form to document any contacts or information provided to them.

C. Incident Monitoring

1. Once on site, if there is no other previous responder, ROAD, FLOOD or NPDES personnel assume Incident Command.
2. Incident command is retained until relieved by emergency response personnel, or other recognized authority.
3. If there is a known responsible party, ROAD or FLOOD staff will contact that party, and request they arrange for incident clean-up.
4. If hazardous material cleanup is required, Hazmat will remain on site to supervise the clean-up.
5. If no responsible party can be determined, and the incident is within CMRS, ROAD ROW or FLOOD jurisdiction, then ROAD or FLOOD supervisor or Deputy Director will authorize a clean-up contractor.
6. If non-hazardous material cleanup is required (no threat to public or environment), ROAD or FLOOD personnel will be on site while clean-up activities are being performed.
7. An ongoing incident report, via the appropriate form, will be created and maintained by ROAD and/or FLOOD personnel on site.

D. Incident Closure/Conclusion

1. Once cleanup has been completed, ROAD and/or FLOOD personnel on site may approve clean-up, or contact HazMat for follow up evaluation.
2. Once the area is determined by HAZMAT to be non-hazardous and/or not a threat to public health or the environment, HAZMAT will report to the Radio Room of the status and completion.
3. After the clean-up is completed an inspection by ROAD and/or FLOOD Operations should take place. The inspection should be focused on the County right-of-way structure and/or environment for any damage due to the incident.

4. Radio Room should receive a report of the conclusion and complete incident report.

E. Incident Documentation

1. The Radio Room will transfer all information collected on the forms to the MS4 Solutions database Illicit Discharge Form.
2. Documentation should include:
 - a. NPDES Spill response form, if used (Appendix A)
 - b. A print out of the completed Illicit Discharge form from the database on-line.
 - c. Photos, including the name of the person who took the photos; a description of what is being shown, and other information needed to document the incident location and demonstrate compliance and closure.
 - d. Any paperwork generated on-site related to incident clean-up procedures or liability.
3. Once the incident is closed, documentation needs to be completed and submitted to the NPDES Stormwater Program Manager. Documentation may be submitted via hard-copy or e-mail.

III. OPERATING PROCEDURES AND RESPONSE

This SOP outlines the course of action by ROAD and FLOOD personnel for spill or release incidents which can threaten public health or the environment, occurring within the CMRS, ROAD ROW and/or FLOOD fee owned ROW and maintained facilities. This plan provides the personnel with details on requirements, protocols and responsibilities mandated by the MS4 Permit and the HAZMAT Spill Response MOU.

The procedure is defined by the circumstances; the response level to incidents is dependent on several criteria. The definitions below will help to categorize the response level. Response may take place during and after regular business hours.

A. Definitions of incident types:

- **Major Spills** are spills that are high-risk of hazardous or unknown materials, or large quantity which pose an imminent danger to public health or to the environment. Generally, these incidents will be considered emergency in nature, and will be coordinated through an emergency agency with support from DPW.
- **Illicit Dumping** is the disposal of any material which may pose a threat or nuisance to public health or to the environment if it comes into contact with storm water.
- **Illicit Discharge** is defined as any substance or material other than stormwater which is purposefully released from private, industrial,

commercial, and/or construction sites, which presents a threat to the public or to the environment.

- **Accidental Discharge** is an unexpected material spill that can cause a threat to public health or to the environment.
- **Illegal Connections** may be used to discharge or divert non-stormwater and should be evaluated for illicit discharges. These connections are not allowed and should be reported to the DPW Permits section for correction, whether there is discharge or not.

B. Response Hours:

- **Regular business hours:** Calls and dispatch will be coordinated by the Radio Room
- **After business hours:** Emergency calls will be coordinated by the emergency agency, or through County COMM center, (909) 356-3805.
- Non-emergency, low threat incident reports can be investigated as soon as practicable during regular working hours.
- Reports may also come from the Stormwater website (e-mail) and the Stormwater Hotline (877-927-8318). These reports are generally considered to be of low threat and will be evaluated by NPDES staff during regular business hours. Incidents will be directed to the appropriate agency or to the Radio Room for action.

C. Major Spills:

1. If a call/report is an emergency assistance request, transfer them to the Radio Room.
 - a. Radio Room will dispatch ROAD or FLOOD staff, who will provide support as requested by Incident Commander.
 - b. ROAD or FLOOD staff will initiate an ongoing incident report if the spill is within their jurisdiction.
2. If a call/report is received from the public or other agencies, transfer them to the Radio Room.
 - a. The Radio Room will collect essential information and fill out the Spill Response Form (Appendix A).
 - b. If location is unsure or unknown, Radio Room will dispatch ROAD or FLOOD staff to determine incident jurisdiction and if it affects CMRS, ROAD ROW or FLOOD ROW.
 - c. Radio Room will coordinate notification of HAZMAT or other responsible departments.
3. Upon finding a spill, report to immediate supervisor with details of the location, a description of the material, an estimated amount of material, and the source, if known. Confirm if spill material entered a water drainage conveyance system.

- a. The supervisor should assume incident command; the incident should be reported to the Radio Room.
 - b. The Radio Room will collect essential information and fill out the Spill Response Form (Appendix A).
 - c. Radio Room will coordinate notification to HAZMAT or other responsible departments.
4. Take appropriate safety measures; “DON’T TAKE RISKS.”
- a. Avoid handling of all unknown or suspected hazardous materials. Establish a buffer zone to isolate the spill until the material is positively identified by qualified personnel.
 - b. Take safe, practical measures to prevent spread of the material, to protect public, environment, and CMRS, ROAD ROW or FLOOD ROW. Measures include using sandbags or absorbent material, creating small sand or earthen berms to prevent liquids from flowing, and blocking traffic from traveling through the material.
 - c. If appropriate, provide road signs, barricades, closures, and traffic assistance.
5. For incidents where ROAD or FLOOD staff is in command, if possible, identify a responsible party or source.
- a. Collect contact information.
 - b. Appropriate personnel should advise them they will be required to arrange for a clean-up vendor.
 - c. Track billable hours for potential recovery from responsible party.
6. Remain at the scene until HAZMAT or other emergency authority arrives; transfer incident command to the appropriate Hazmat personnel.
- a. Do not leave the incident scene until released by the Incident Commander.
 - b. Provide additional operation support at Incident Commander’s direction only (placement of road signs, barricades, closures, and traffic assistance).
7. If HAZMAT identifies the incident as low-risk, incident command is transferred back to ROAD or FLOOD. ROAD or FLOOD must then coordinate with the responsible party or make arrangements for the spill to be cleaned up.
- a. If a responsible party has been identified, they are liable to obtain a Permit for any clean-up vendor to access FLOOD facilities. Emergency access may be provided prior to the acquisition of the Permit, at the discretion of the Incident Commander.
 - b. Placement of road signs, barricades, closures, and traffic assistance during clean-up should be provided for by the

- responsible party. If they want ROAD to provide those items, contract or Permit as if it were any outside party.
- c. In the event the responsible party cannot or will not provide a clean-up remedy, a Regional Superintendent or Deputy Director can authorize the mobilization of a clean-up vendor (charges to ROAD or FLOOD). Be sure to document the situation and track billable hours and materials for fiscal recovery at a later date.
 - d. In the event there is no responsible party, a Regional Superintendent or Deputy Director must authorize the mobilization of a clean-up vendor.
 - e. Provide placement of road signs, barricades, closures, and traffic assistance until an appropriate vendor for clean-up is on site.
8. Incident Commander or his designee will remain on site during the clean-up procedures. Vendor should be monitored by ROAD or FLOOD staff to allow appropriate access, ensure safe conditions are maintained, and ensure any damage caused by the cleanup procedures is identified and repaired.
 9. If hazardous or otherwise controlled materials are to be transported off site:
 - a. The responsible party will sign for and provide a DTSC Generator ID for the manifest. Incident Commander may sign, as long as Generator ID is provided. Incident Commander will retain a copy of the manifest.
 - b. If there is no responsible party, the Incident Commander will provide ROAD or FLOOD's Generator ID for the manifest. Sign and keep copies of the manifests.
 10. After the clean-up is finished, ROAD or FLOOD staff must reevaluate the affected area for any health threats or damaged county property.
 11. Completed documentation is to be entered in the MS4 Solutions database, and copies provided to the Stormwater Section in the Environmental Management Division. Documentation should include:
 - a. MS4 Solutions database Illicit Discharge form
 - b. Photos (identified as required)
 - c. Supplemental documents (such as copies of the manifests)

D. Illicit dumping:

1. If a call/report is received from the public or other agencies, transfer them to the Radio Room.
 - a. The Radio Room will collect essential information and initiate the Spill Response Form (Appendix A), and open an MS4 Solutions database Illicit Discharge file.
 - b. Radio Room will contact ROAD or FLOOD staff to determine incident jurisdiction, and if it affects CMRS, ROAD ROW or FLOOD

ROW. Staff may be dispatched to determine jurisdiction in the field, if it cannot be assessed in the office.

2. If illicit dumping is discovered during routine activities by field staff:
 - a. they should report it to their immediate supervisor with these details:
 - Location
 - Description of material
 - Estimated amount of material
 - Which jurisdiction (does it affect CMRS, ROAD ROW or FLOOD?)
 - Confirm if spill material entered a water drainage conveyance system
 - Source, if known
 - Establish if content can be transported
 - Photo documentation
 - b. Supervisor will notify the Radio Room and report the incident.
 - c. The Radio Room will collect essential information, initiate the Spill Response Form (Appendix A), and open an MS4 Solutions database Illicit Discharge file.
 - d. For unknown materials, the Radio Room will coordinate notification to HAZMAT to respond and determine the hazard.
3. Take appropriate safety measures; "DON'T TAKE RISKS."
 - a. Avoid handling of all unknown or suspected hazardous materials. Establish a buffer zone to isolate the spill until the material is positively identified by qualified personnel.
 - b. Take practical measures to prevent spread of the material, to protect public, environment, and CMRS, ROAD ROW or FLOOD ROW.
 - c. If appropriate, provide placement of road signs, barricades, closures, and traffic assistance.
4. For incidents where ROAD or FLOOD staff is in command, if possible, identify a responsible party or source.
 - a. Collect contact information.
 - b. Advise them they will be required to arrange for a clean-up vendor.
 - c. Track billable hours for potential recovery from responsible party.
5. Arrange for clean-up of dumped materials.
 - a. If material is determined hazardous by Hazmat, they will be responsible for coordinating the clean-up.

- b. If material is considered a hazardous waste, but is not an immediate hazard or threat to the public or environment, the ROAD or FLOOD supervisor may request Hazmat to remove it (if small amount), or recommend a clean-up vendor be authorized by the Regional superintendent or Deputy Director.
 - c. If material can be connected to a responsible party, that party will be responsible for the clean-up. If there is no immediate threat to the public or environment, a Courtesy Notice to Abate (Appendix B) may be issued by ROAD or FLOOD. Track billable hours and materials for fiscal recovery at a later date.
 - d. Non-hazardous materials (i.e. furniture, other identifiable solid waste), that cannot be connected to a responsible party may be removed and disposed of by Operations staff, or authorized vendor.
6. If a vendor is hired for clean-up:
 - a. An incident commander from ROAD or FLOOD will be established, who will be responsible to coordinate the clean-up activities.
 - b. If there is a responsible party, that party will need to hire the vendor.
 - c. The incident commander or designee must remain on site for the duration of the clean-up procedure to allow appropriate access, ensure safe conditions are maintained, and ensure any damage caused by the cleanup procedures is identified and repaired.
 7. If hazardous or otherwise controlled materials are to be transported off site:
 - a. The responsible party will sign for and provide a DTSC Generator ID for the manifest. The Incident Commander may sign as long as Generator ID is provided. Incident Commander will retain a copy of the manifest.
 - b. If there is no responsible party, the Incident Commander will sign and keep copies of the manifest.
 8. After the clean-up is finished, ROAD or FLOOD staff must reevaluate the affected area for any health threats or damaged county property.
 9. Completed documentation is to be entered in the MS4 Solutions database, and copies provided to the Stormwater Section in the Environmental Management Division. Documentation should include:
 - a. MS4 Solutions database Illicit Discharge form
 - b. Photos (Identified as required)
 - c. Supplemental documents (such as copies of the manifests)

E. Illicit discharge:

1. Follow procedures per section III.C, Major Spills. Do not invoke emergency response unless there is an immediate threat to the public.

2. After considering safety issues, priority should be given to requiring and/or facilitating the immediate cessation of the discharge.
3. For connections which are sewage related:
 - a. Immediately report the discharge location and details (amount, flow rate, solids or liquid only, duration) to the Radio Room.
 - b. If discharge is from a sewer line, Radio Room will contact the responsible sewer agency and report the incident to County Environmental Health.
 - c. If the discharge is from a septic tank, Radio Room will notify the responsible jurisdiction and report the incident to County Environmental Health.
4. For connections emanating from washing machines, dry sinks or other discharges known as gray water:
 - a. ROAD or FLOOD staff may contact the owner and issue a Courtesy Notice to Abate (Appendix B)
 - b. If discharge continues and is originating from an incorporated City, report the location and details to that City's Code Enforcement.
 - c. If discharge continues and is originating from an unincorporated area, report the location and details to County Code Enforcement.
5. If discharge is from an illegal connection, follow procedures in section III.G.

F. Accidental Discharge/Spill:

1. Follow procedures per section III.C, Major Spills.
2. If the incident is minor the response may be reduced at Supervisors discretion (i.e. use spill kit).
3. Follow Housekeeping BMPs for minor incidents at ROAD or FLOOD yard facilities.
4. Safety, clean-up, and documentation procedures need to be followed thoroughly, even for minor incidents and those related to facility housekeeping.
5. Incidents which are likely to be small, repetitive and at the same location, such as minor automotive spills at a fueling island, can be logged and reported on the MS4 Database at the end of the fiscal year as a single cumulative incident.

G. Illegal Connection:

1. Report illegal connections to the DPW Permits Section for investigation and resolution.
2. DPW Permits section will report the incident in the MS4 Solutions database on the Illegal Connections form.
3. If there is a discharge occurring, follow procedures as for section III.E.

IV. HAZMAT RESPONSIBILITIES

Once HAZMAT is notified of the spill or illicit dumping within any CMRS, ROAD ROW or FLOOD ROW, HAZMAT will respond to the incident and characterize the reported material.

A. Operating Procedure:

1. Response for Hazardous Materials

- a. HAZMAT will respond to an incident, on request by ROAD or FLOOD, to evaluate for hazardous materials and/or conditions. They will characterize materials found and report the hazard status to the Radio Room, or ROAD or FLOOD personnel on site.
- b. When required by applicable regulations, HAZMAT has the responsibility to notify local, state, and federal officials of a spill or release of a hazardous material or waste. This includes, but is not limited to, notifying the Executive Officer of the Santa Ana Regional Water Quality Control Board within 24 hours of all incidents that pose a threat to human health or to the environment, in accordance with the San Bernardino County Stormwater Permit. Copies of any documentation submitted for such notification shall be furnished to ROAD and/or FLOOD.
- c. Material determined to be a hazardous threat to public health or to the environment shall be removed by HAZMAT personnel or a State licensed Hazardous Materials contractor. Based on the circumstances of the situation, this determination will be made by HAZMAT with the understanding that the responsible party or property owner is ultimately responsible for the cleanup and disposal and any associated costs.
- d. If the material is on CMRS, ROAD ROW or FLOOD ROW, with no known responsible party, and is determined by HAZMAT to be hazardous or a threat to public health or the environment, ROAD or FLOOD will authorize clean-up and removal of the hazardous material by HAZMAT personnel or will hire a State licensed Hazardous Materials contractor hired from an approved list.
- e. If hazardous materials are to be removed from the site, a Generator ID must be provided to HAZMAT by either the responsible party or ROAD or FLOOD. HAZMAT may sign manifests if owner of Generator ID is not present.
- f. HAZMAT personnel will remain on site until clean-up has been completed. They will report completed clean-up to the Radio Room.
- g. ROAD or FLOOD personnel will evaluate the incident affected area for damage to county property; if condition is deemed satisfactory by ROAD or FLOOD, HAZMAT may approve incident conclusion.

- h. Following incident conclusion, HAZMAT will provide ROAD and/or FLOOD with a report detailing actions taken for clean-up.

2. Response for non-Hazardous Materials

- a. Follow procedure for section IV.A.1 (Response for Hazardous Materials) until material is determined by HAZMAT to be non-hazardous and not a threat to public health or to the environment.
- b. HAZMAT will contact Radio Room during normal business hours to report the characterization. ROAD or FLOOD may request HAZMAT to remove any identified non-hazardous materials (except sewage) from CMRS, or ROAD or FLOOD ROW.
- c. If HAZMAT agrees to remove the materials, they may remove the materials themselves, or select a State licensed Hazardous Materials contractor, at their discretion. All costs for incident command and material removal will be billed to ROAD or FLOOD.
- d. If required by applicable regulations, HAZMAT will notify local, state, and federal officials of a spill or release in accordance with the San Bernardino County Stormwater Permit. Copies of any documentation submitted for such notification shall be furnished to ROAD and/or FLOOD.
- e. Following incident conclusion, HAZMAT will provide ROAD and/or FLOOD with a report detailing actions taken for clean-up.
- f. HAZMAT will not retain incident command for any sewage discharges, or arrange to conduct clean-up activities.
- g. In case that the material is determined to be on private property or originate from private property, HAZMAT, with ROAD and/or FLOOD support, will notify the property owner and/or facility operator to take appropriate corrective measures.

V. NOTIFICATION

The Department that discovered the spill is responsible for notifying the **Radio Room** during normal business working hours **(909) 387-8063**.

After hours the County **COMM Center** should be notified **(909) 356-3805**

Website for CalEMA:

<http://www.calema.ca.gov/HazardousMaterials/Pages/Spill-Release-Reporting.aspx>

A. Other Emergency/Non Emergency Agencies and departments:

SBC HAZMAT	(909) 386-8430
SBC Code Enforcement	(909) 387-4044
SBC Environmental Health	(909) 884-4056
DPW Stormwater Section	(909) 387-8109

DPW Permits Section (909) 387-8005
CalEMA 1 (-800) 852-7550
or (961) 845-8911
CALTRANS (909) 383-4561
SBC Sheriff (909) 387-8313

Regional Water Quality Board:

Valley (Santa Ana) (951) 782-4130
Upper Desert (Lahontan) (760) 241-6583
Lower Desert (Colorado) (760) 346-6585

B. Spill Response Contractors:

United Pumping (606) 961-9326
Starlite (909) 933-3607

DRAFT

Appendix A

DRAFT

County of San Bernardino Spill Response Form

A. SPILL DESCRIPTION

Spill Location(s) : Within incorporated area (City limits)
 County Unincorporated Area
(Pls. check all that apply) Flood Control District ROW
 Transportation Operations ROW
 Private Property

Date: _____
Time: _____
Reported by: _____
Phone: _____
(cell) _____

Address _____
City _____
Nearest C/S _____


Desc. of material
(color, smell) _____

Source (if known) _____

Estimated amount of material _____

Check if material has entered catch basin or flood control facility

Illegal Dumping
 Illegal Discharge
 Spill



B. EMERGENCY RESPONSE WARRANTED *(IMPORTANT - All items apply)*

Call COM Center @ (909) 356-3805
 Call Env. Mangmt. Div. (EMD) @ (909) 387-8109
 Email spill report to EMD (marc.rodabaugh@dpw.sbcounty.gov)

Regional Water Quality Control Board
Santa Ana (Valley): (951) 782-4130 - Lahontan (Desert): (760) 241-6583
 Dept. of Fish and Game (916) 445-0411

C. NON EMERGENCY RESPONSE

Call Env. Mangmt. Div. @ (909) 387-8109
 County Haz. Mat. @ (909) 386-8430
 Code Enforcement @ (909) 387-4044
 CALTRANS @ (909) 383-4561
 Sheriff's @ (909) 387-8313
 Environmental Health @ (909) 884-4056
 Transportation Operations Station 1 (Day spills) @ (909) 387-8063

Incorporated areas - call City

D. ACTION TAKEN

Info taken by _____ **Signature** _____

Illicit Discharge Report

General Information:

Reporting Agency: Flood Control District

Incident Name/ID: _____

Reference/File no. _____ (use FC facility number)

Date reported: _____

Report source: Fire/Hazmat Police/Sheriff
 Agency Staff Other (specify) _____
 Private _____ Specify

Reported by: Name _____
Phone _____
Address _____

Emergency Response? None Police/Sheriff _____
 Fire/Hazmat Other (specify) _____ Specify

Location (or source) of material/discharge:

Address _____ City _____ Zip _____

Cross street _____

Map reference _____ GIS/GPS Coord: lat _____ long _____
(Thomas Brothers)

Describe specific location: _____

Extent of material/discharge distribution: _____

Did material enter a storm drain system facility or other drainage course?

If so, which facility? _____

APN(s) _____

Property owner: Name _____ phone _____

Mailing Address _____

Description of Material/Discharge:

Type of Discharge: Dumping Discharge Spill

Start date of discharge: Date _____ Time _____

End date of discharge: Date _____ Time _____

Material: _____ Amount/Size _____

Other (color, odor, etc.): _____

Probable cause: _____

Source:

Discharger Name: _____

Discharger contact: _____ phone _____

Discharger Address: _____

Illicit Discharge Report

Clean-up:

Remediation required: _____
Clean-up initiated Date _____ Time _____
Clean-up completed Date _____ Time _____

Party responsible for clean-up:

Name/Agency _____
Contact _____ phone _____
Address: _____

Clean-up business (if different from above):

Name _____
Contact _____ phone _____
Address: _____

Additional Clean-up Info _____
List of BMPs in place _____

Notification: (non-emergency response)

Code Enforcement	Date _____	Time _____
	Contact _____	Phone _____
Fire Department/HazMat	Date _____	Time _____
	Contact _____	Phone _____
Police/Sheriff	Date _____	Time _____
	Contact _____	Phone _____
Agency Operations	Date _____	Time _____
	Contact _____	Phone _____
Flood Control District	Date _____	Time _____
	Contact _____	Phone _____
RWQCB	Date _____	Time _____
	Contact _____	Phone _____
Other	Date _____	Time _____
	Contact _____	Phone _____
Other	Date _____	Time _____
	Contact _____	Phone _____

Illicit Discharge Report

Enforcement/Follow Up

Date Investigated: _____ Inspector _____

Level of Enforcement:

Describe action taken: _____

Follow up action necessary? *Scheduled* *Date issued* *Date Due*

Reinspection: _____ NOC: _____

NOV: _____

Refer to other agency: _____

Other Action: _____

Date Incident resolved: _____

Comments

Additional Comments: _____

Appendix B

DRAFT



County of San Bernardino Public Works Department

825 East Third Street, San Bernardino, California 92415-0835



COURTESY NOTICE TO ABATE

Address	<input type="text"/>	Date:	<input type="text"/>
City (mailing)	<input type="text"/>	Time	<input type="text"/>
Desc. of material (color, smell)	<input type="text"/>	Flowing at time?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Source (if known)	<input type="text"/>	Discharge location:	<input type="text"/>
Estimated gallons	<input type="text"/>	File No.	<input type="text"/>

- Check if this address has received more than one Notice to Abate

A representative from this Department has observed a discharge originating from the above-referenced address. This method of sewage disposal is a public health nuisance and is a violation of the California Health and Safety Code, Sections 17920.3 and County Code Sections 33.032, 33.034 and 35.0111.

Such a nuisance can be abated by completing the following actions:

- Repair plumbing system so that sewage is directed to an approved sewage disposal system
- Discontinue discharge of septic waste to ground surface
- Remove any unpermitted piping and contact the County Building and Safety Division for necessary permits at (909) 387-4246

Failure to comply with County Code could result in termination of water service, condemnation of property and/or fines and penalties up to \$2,500 dollars per day per discharge.

All repair and relocation costs are the responsibility of the landlord/property owner.

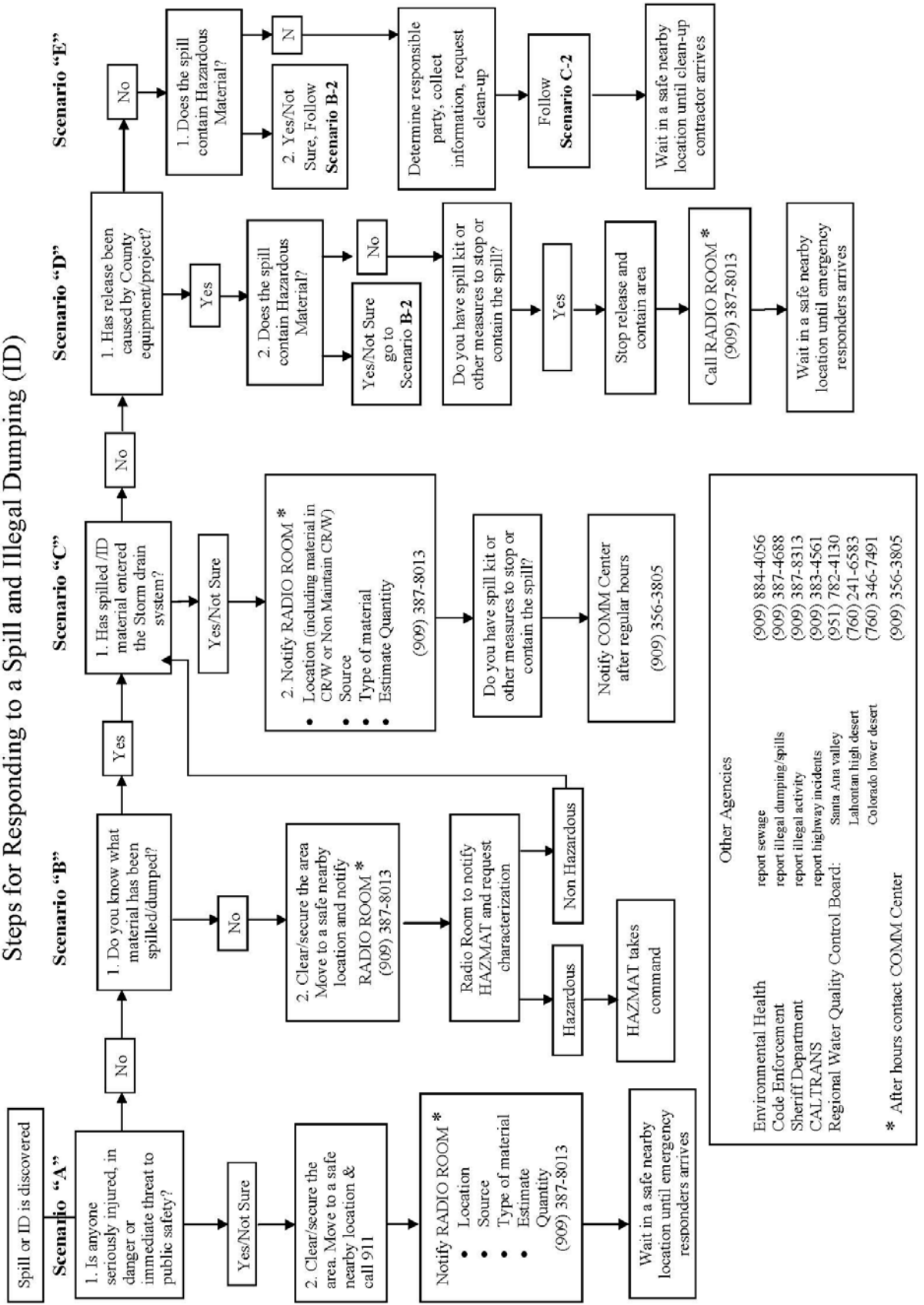
If you have any questions, please contact the undersigned:

Contact person:	<input type="text"/>	Title:	<input type="text"/>
Phone number:	(909) <input type="text"/>	Division:	ENVIRONMENTAL MANAGEMENT DIVISION

Attachment 1

DRAFT

Steps for Responding to a Spill and Illegal Dumping (ID)



Other Agencies

Environmental Health	report sewage	(909) 884-4056
Code Enforcement	report illegal dumping/spills	(909) 387-4688
Sheriff Department	report illegal activity	(909) 387-8313
CALTRANS	report highway incidents	(909) 383-4561
Regional Water Quality Control Board:	Santa Ana valley	(951) 782-4130
	Lafontan high desert	(760) 241-6583
	Colorado lower desert	(760) 346-7491
		(909) 356-3805

* After hours contact COMM Center

Appendix D

Construction Site Inventories



date_issued	job_streetaddresscombined	permit_use	z_PermitNum	p_applicant::app_name	p_applicant::app_phone	p_applicant::app_phoncel	p_applicant::app_state
08/12/2013	16564 pawnee rd	GRADING	63468	DOUG VANCE CONSTRUCTION	(760) 247-5700	(760) 559-3476	CA
08/21/2013	13523 manhasset rd	GRADING & LANDSCAPING	63550	silver valley propane	(760) 252-4455	(575) 642-3520	CA
08/29/2013	16115 NAVAJO RD	GRADING	63656	MERRELL JOHNSON ENGINEEF	(760) 240-8000		CA
09/04/2013	15565 TONEKAI RD	GRADING	63718	OLMOS DESIGNS		(760) 887-0371	CA
09/06/2013	22137 NOMWAKET RD	SINGLE FAMILY RESIDENCE/GRADINC	63733	ALL POINTS HOME BUILDERS	(760) 247-8094	(928) 514-3365	CA
09/30/2013	16143 KOKANEE RD	NEW COMMERCIAL & GRADING	63961	PONTIOUS ARCHITECTURE	(760) 242-5100	(619) 886-8003	CA
10/16/2013	16451 NAVAJO RD	FENCE & GRADING	64135	BELECTRIC, INC	(510) 896-3940	(925) 766-9013	CA
11/01/2013	15449 navajo rd	SINGLE FAMILY RESIDENCE/GRADINC	64338	ALL POINTS HOME BUILDERS	(760) 247-8094	(928) 514-3365	CA
11/26/2013	20204 oneida rd	SINGLE FAMILY RESIDENCE/GRADINC	64577	agustin aguirre	(760) 900-2036	(760) 900-2036	CA
12/09/2013	17250 CENTURY PLANT RD	SINGLE FAMILY RESIDENCE/GRADINC	64668	deserada homes	(790) 946-1328	(760) 559-8264	CA
12/11/2013	16575 QUINNAULT RD	SINGLE FAMILY RESIDENCE/GRADINC	64717	DOUG VANCE CONSTRUCTION	(760) 247-5700	(760) 559-3476	CA
12/13/2013	14590 flathead rd	SINGLE FAMILY RESIDENCE/GRADINC	64735	ALL POINTS HOME BUILDERS	(760) 247-8094	(928) 514-3365	CA
12/13/2013	21068 PINE RIDGE RD	SINGLE FAMILY RESIDENCE/GRADINC	64741	ALL POINTS HOME BUILDERS	(760) 247-8094	(928) 514-3365	CA
12/13/2013	11921 MORNING STAR RD	GRADING	64745	isidro avilez	(909) 744-0411		CA
12/17/2013	14989 miami rd	GRADING	64779	JUSTIN RATLIFF		(760) 617-3817	CA
12/19/2013	16362 tenaya rd	SINGLE FAMILY RESIDENCE/GRADINC	64797	mike white construction	(760) 247-8213		CA
12/19/2013	16060 WATO RD	MULTI-FAMILY RESIDENTIAL - RENEW	64806	DION GIARRUSSO	(818) 266-4474		CA
01/10/2014	LAKESHORE DR	MASS GRADING - 18917-1	64902	PULTE HOMES	(951) 538-5835		CA
01/16/2014	21845 THUNDERBIRD RD	SINGLE FAMILY RESIDENCE/GRADINC	64975	ALL POINTS HOME BUILDERS	(760) 247-8094	(928) 514-3365	CA
02/06/2014	20834 bear valley rd	NEW COMMERCIAL & GRADING	65177	the hatch group inc	(714) 257-4600	(714) 588-2027	CA
02/12/2014	16384 tenaya rd	SINGLE FAMILY RESIDENCE/GRADINC	65240	GENE DICKINSON	(760) 247-3111	(760) 802-1765	CA
03/03/2014	LAKESHORE DR	ROUGH GRADING	65430	PULTE HOMES CORP	(951) 538-5835		CA
03/04/2014	16008 KAMANA RD	GRADING	65439	CONCO CONSTRUCTION	(760) 247-8814	(760) 475-2229	CA
04/07/2014	17500 MANA RD	GRADING FOR MODULARS	65836	ALLARD ENGINEERING	(760) 241-6600		CA
05/12/2014	18865 SENECA DR	SINGLE FAMILY RESIDENCE/GRADINC	66202	ariaz construction	(760) 985-9938		CA
05/15/2014	17500 MANA RD	GRADING- EXPANSION FOR PARKING	66259	PONTIOUS ARCHITECTS	(760) 242-5100	(619) 886-8003	CA
05/19/2014	16137 tenaya rd	SINGLE FAMILY RESIDENCE/GRADINC	66282	ALL POINTS HOME BUILDERS	(760) 247-8094	(928) 514-3365	CA
06/19/2014	16134 MUNI RD, UNIT 1 & 2	MULTI-FAMILY RESIDENTIAL	66667	apple valley investments llc		(818) 692-4948	CA
06/26/2014	NOMWAKET RD	CLEARING AND GRUBBING	66754	GARRETT PETELSKI		(760) 559-4040	CA

date_issued	job_streetaddresscombined	p_applicant::app_streetnamep_applicant::app_streetnum	
08/12/2013	16564 pawnee rd	POWHATAN RD	22533
08/21/2013	13523 manhasset rd	manhasset rd	13523
08/29/2013	16115 NAVAJO RD	HIGHWAY 18	22221
09/04/2013	15565 TONEKAI RD	HARDING AVE	600
09/06/2013	22137 NOMWAKET RD	HIGHWAY 18	21910
09/30/2013	16143 KOKANEE RD	HWY 18 STE. E	18355
10/16/2013	16451 NAVAJO RD	CENTRAL AVE	8076
11/01/2013	15449 navajo rd	HIGHWAY 18	21910
11/26/2013	20204 oneida rd	cajon st	17695
12/09/2013	17250 CENTURY PLANT RD	Box 1956	0
12/11/2013	16575 QUINNAULT RD	POWHATAN RD	22533
12/13/2013	14590 flathead rd	HIGHWAY 18	21910
12/13/2013	21068 PINE RIDGE RD	HIGHWAY 18	21910
12/13/2013	11921 MORNING STAR RD	tecumseh rd	19190
12/17/2013	14989 miami rd	YUCCA LOMA RD	20877
12/19/2013	16362 tenaya rd	tiffany ln	17575
12/19/2013	16060 WATO RD	VENTURA BLVD #119	21243
01/10/2014	LAKESHORE DR	PUERTA REAL #300	27101
01/16/2014	21845 THUNDERBIRD RD	HIGHWAY 18	21910
02/06/2014	20834 bear valley rd	lunar ave	621
02/12/2014	16384 tenaya rd	BOX 1708	0
03/03/2014	LAKESHORE DR	PUERTA REAL #300	27101
03/04/2014	16008 KAMANA RD	OTTAWA RD STE 3	22276
04/07/2014	17500 MANA RD	ST. ANDREWS DR. STE 2	14298
05/12/2014	18865 SENECA DR	nambe rd	9191
05/15/2014	17500 MANA RD	HWY 18 STE. S	18355
05/19/2014	16137 tenaya rd	HIGHWAY 18	21910
06/19/2014	16134 MUNI RD, UNIT 1 & 2	lorenzana dr	20253
06/26/2014	NOMWAKET RD	YANAN RD	19631

date_issued	job_streetaddresscombined	p_applicant::app_zip_owner::own_city	Over Acre	Threat to Water Quality	Priority	Inspect Frequency	Waterbodies(Mojave River/Dry Lake)
08/12/2013	16564 pawnee rd	92308 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
08/21/2013	13523 manhasset rd	92311 BARSTOW	No	Low	No	At least 1 then as needed	Drylake
08/29/2013	16115 NAVAJO RD	92307 BEVERLY HILLS	Yes	Low	Yes	At least 3 then as needed	Drylake
09/04/2013	15565 TONEKAI RD	90022 LOS ANGELES	No	Low	No	At least 1 then as needed	Drylake
09/06/2013	22137 NOMWAKET RD	92307 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
09/30/2013	16143 KOKANEE RD	92307 APPLE VALLEY	No	Low	No	At least 1 then as needed	Mojave River
10/16/2013	16451 NAVAJO RD	94560 BEVERLY HILLS	Yes	Low	Yes	At least 3 then as needed	Drylake
11/01/2013	15449 navajo rd	92307 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
11/26/2013	20204 oneida rd	92345 HESPERIA	No	Low	No	At least 1 then as needed	Drylake
12/09/2013	17250 CENTURY PLANT RD	92393 VICTORVILLE	No	Low	No	At least 1 then as needed	Drylake
12/11/2013	16575 QUINNAULT RD	92308 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
12/13/2013	14590 flathead rd	92307 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
12/13/2013	21068 PINE RIDGE RD	92307 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
12/13/2013	11921 MORNING STAR RD	92307 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
12/17/2013	14989 miami rd	92307 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
12/19/2013	16362 tenaya rd	92307 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
12/19/2013	16060 WATO RD	91364 WOODLAND HILLS	Yes	Low	Yes	At least 3 then as needed	Mojave River
01/10/2014	LAKESHORE DR	92691 MISSION VIEJO	Yes	Low	Yes	At least 3 then as needed	Mojave River
01/16/2014	21845 THUNDERBIRD RD	92307 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
02/06/2014	20834 bear valley rd	92821 IRVINE	Yes	Low	Yes	At least 3 then as needed	Drylake
02/12/2014	16384 tenaya rd	92307 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
03/03/2014	LAKESHORE DR	92691 MISSION VIEJO	Yes	Low	Yes	At least 3 then as needed	Mojave River
03/04/2014	16008 KAMANA RD	92308 HESPERIA	Yes	Low	Yes	At least 3 then as needed	Mojave River
04/07/2014	17500 MANA RD	92392 APPLE VALLEY	Yes	Low	Yes	At least 3 then as needed	Mojave River
05/12/2014	18865 SENECA DR	92308 APPLE VALLEY	No	Low	No	At least 1 then as needed	Mojave River
05/15/2014	17500 MANA RD	92307 APPLE VALLEY	Yes	Low	Yes	At least 3 then as needed	Mojave River
05/19/2014	16137 tenaya rd	92307 APPLE VALLEY	No	Low	No	At least 1 then as needed	Drylake
06/19/2014	16134 MUNI RD, UNIT 1 & 2	91364 WOODLAND HILLS	No	Low	No	At least 1 then as needed	Mojave River
06/26/2014	NOMWAKET RD	92307 APPLE VALLEY	Yes	Low	Yes	At least 3 then as needed	Drylake

date_issued	job_streetaddresscombined	Status(Active/Not Active)	Construction Phase(Initial/Mid/Final)	Project Start Date	Project Complete Date
08/12/2013	16564 pawnee rd	Not Active	Final	8/21/2013	12/23/2013
08/21/2013	13523 manhasset rd	Not Active	Final	9/5/2013	11/26/2013
08/29/2013	16115 NAVAJO RD	Not Active	Final	10/21/2013	8/1/2014
09/04/2013	15565 TONEKAI RD	Not Active	Final	10/10/2013	5/6/2014
09/06/2013	22137 NOMWAKET RD	Not Active	Final	9/6/2013	4/14/2014
09/30/2013	16143 KOKANEE RD	Not Active	Final	9/30/2013	9/30/2014
10/16/2013	16451 NAVAJO RD	Not Active	Final	10/21/2014	4/1/2014
11/01/2013	15449 navajo rd	Not Active	Final	11/13/2013	7/24/2014
11/26/2013	20204 oneida rd	Active	Mid	11/26/2013	
12/09/2013	17250 CENTURY PLANT RD	Not Active	Final	12/9/2013	4/8/2014
12/11/2013	16575 QUINNAULT RD	Active	Mid	12/11/2013	
12/13/2013	14590 flathead rd	Active	Mid	12/13/2013	
12/13/2013	21068 PINE RIDGE RD	Active	Mid	12/13/2013	
12/13/2013	11921 MORNING STAR RD	Active	Mid	1/21/2014	
12/17/2013	14989 miami rd	Active	Mid	2/12/2014	
12/19/2013	16362 tenaya rd	Not Active	Final	12/19/2013	5/14/2014
12/19/2013	16060 WATO RD	Active	Mid	12/19/2013	
01/10/2014	LAKESHORE DR	Active	Mid	3/3/2014	
01/16/2014	21845 THUNDERBIRD RD	Not Active	Final	1/15/2014	8/25/2014
02/06/2014	20834 bear valley rd	Not Active	Final	2/5/2014	6/12/2014
02/12/2014	16384 tenaya rd	Not Active	Final	2/12/2014	7/18/2014
03/03/2014	LAKESHORE DR	Active	Mid	3/14/2014	
03/04/2014	16008 KAMANA RD	Active	Mid	2/27/2014	
04/07/2014	17500 MANA RD	Active	Mid	8/26/2014	
05/12/2014	18865 SENECA DR	Active	Mid	5/12/2014	
05/15/2014	17500 MANA RD	Active	Mid	6/24/2014	
05/19/2014	16137 tenaya rd	Active	Mid	5/16/2014	
06/19/2014	16134 MUNI RD, UNIT 1 & 2	Active	Mid	5/19/2014	
06/26/2014	NOMWAKET RD	Active	Mid	6/26/2014	



City of Hesperia Permit Report with Site Acreage

July 01, 2013 To June 30, 2014

GRD13-00009	8312 ALSTON AVE	BENCHMARK HOMES	May 03, 2013
BLDG GRADING RES	041229108	ROBERT D GOSNEY	August 19, 2013
INFILL	0.83	GRADING FOR SFR	January 30, 2014
FINALED			
GRD13-00011	11960 MISSION AVE	ESSENTIAL HOME BUILDERS, INC	May 28, 2013
BLDG GRADING RES	303943129	ESSENTIAL HOME BUILDERS, INC	July 30, 2013
INFILL	2.26	GRADING FOR SFR	March 12, 2014
FINALED			
GRD13-00015	16676 MESA ST	MORALES, DIANA	June 21, 2013
BLDG GRADING RES	041515217		July 11, 2013
INFILL	0.82	GRADING INFILL LOT	June 25, 2014
FINALED			
GRD13-00016	11550 HAWTHORNE AVE	ALQALQILI, NEDAL	July 05, 2013
BLDG GRADING RES	040614129		December 06, 2013
INFILL	1.13	GRADING SFR	June 10, 2014
FINALED			
GRD13-00017	17728 DARWIN	KINICKERBOCKER, JAMES S & EDNA	July 05, 2013
BLDG GRADING RES	039903218		August 05, 2013
INFILL	1.34	GRADING SFR	January 22, 2014
FINALED			
GRD13-00019	14816 JENNY ST	MURPHY, BERNARD H REV LIV TR 7	August 01, 2013
BLDG GRADING RES	040558217	B H MURPHY GENERAL CONTRACTOR	August 07, 2013
INFILL	0.42	SFR GRADING	December 19, 2013
FINALED			
GRD13-00020	7398 DAYTON	REW HOLDINGS LLC	August 14, 2013
BLDG GRADING RES	039804410	ARIAZ CONSTRUCTION	August 29, 2013
INFILL	0.43	GRADING FOR SFR INFILL LOT	December 23, 2013
FINALED			
GRD13-00021	13307 MAIN ST	WAL-MART STORES INC	August 26, 2013
BLDG GRADING COMM	305701142	ROCKWALL CONSTRUCTION COMPANY	August 26, 2013
PRECISE	0.71	GRADING FOR PANDA EXPRESS	January 15, 2014
FINALED			
GRD13-00022	16773 MISSION	AMERICAN HOUSING GROUP	August 28, 2013
BLDG GRADING RES	041220203	AFT CONSTRUCTION SERVICES	March 27, 2014
INFILL	0.43	GRADING INFILL FOR SFR	September 29, 2014
FINALED			
GRD13-00023	17255 SYCAMORE	O BRIEN, ROBERT C LIVING TR 5/	August 28, 2013
BLDG GRADING RES	041511210	AFT CONSTRUCTION SERVICES	March 27, 2014
INFILL	0.72	GRADING INFILL FOR SFR	
ISSUED			

GRD13-00024	17267 SYCAMORE	O BRIEN, ROBERT C LIVING TR 5/	August 28, 2013
BLDG GRADING RES	041511211	A F T CONSTRUCTION SERVICES	March 27, 2014
INFILL	0.72	GRADING INFILL FOR SFR	
ISSUED			
GRD13-00028	17200 MAIN ST	HESPERIA MAIN VENTURE LLC	September 24, 2013
BLDG GRADING COMM	041013541	ICON GENERAL CONTRACTORS	September 24, 2013
PRECISE	0.80	GRADING FOR DOLLAR GENERAL	December 04, 2013
FINALED			
GRD13-00029	9499 I AVE	LIZASO, GUILLERMO & NELLY REV	September 26, 2013
BLDG GRADING COMM	041125107		September 26, 2013
PRECISE	0.79	GRADING FOR ADDITION TO ADULT DAYC	
EXPIRED			
GRD13-00030	9519 VERDUGO AVE	YOUSSEF, KHALED	October 07, 2013
BLDG GRADING RES	041141314	MAGED YOUSSEF	October 17, 2013
INFILL	0.42	GRADING FOR STOCK 1760	February 24, 2014
FINALED			
GRD13-00031	10397 ARROYO	YOUSSEF, KHALED	October 07, 2013
BLDG GRADING RES	040807427		November 07, 2013
INFILL	0.44	GRADING STOCK 2098	May 12, 2014
FINALED			
GRD13-00032	16173 OLIVE ST	YOUSSEF, KHALED	October 11, 2013
BLDG GRADING RES	041316111		November 01, 2013
INFILL	1.00	GRADING FOR SFR	February 28, 2014
FINALED			
GRD13-00033	19151 LIVE OAK ST	EQUITY TRUST COMPANY CUS FBO C	October 14, 2013
BLDG GRADING RES	041138207	MAGED YOUSSEF	October 16, 2013
INFILL	0.43	GRADING FOR SFR	February 03, 2014
FINALED			
GRD13-00034	18075 SEQUOIA	REW HOLDINGS, LLC	October 23, 2013
BLDG GRADING RES	039913504	ARIAZ CONSTRUCTION	November 19, 2013
INFILL	0.45	GRADING FOR SFR	June 19, 2014
FINALED			
GRD13-00035	11961 SEVENTH AVE	KELLY YOUSSEF	November 04, 2013
BLDG GRADING RES	041403222		November 07, 2013
INFILL	0.69	GRADING FOR SFR	March 17, 2014
FINALED			
GRD13-00037	11081 SEVENTH AVE	GRIFFIN, VERL D	November 05, 2013
BLDG GRADING RES	041411158	YOUSSEF, MATT	November 18, 2013
INFILL	0.99	GRADING FOR INFILL LOT	March 17, 2014
FINALED			
GRD13-00038	17650 BANGOR AVE	BUTLER, EVELYN J	November 06, 2013
BLDG GRADING RES	039824407	K & M BUILDERS INC	November 21, 2013
INFILL	0.43	GRADING FOR SFR	June 04, 2014
FINALED			

GRD13-00039	19162 MADRONE AVE	BURVAL TRUST 7-19-06	November 06, 2013
BLDG GRADING RES	039839130	K & M BUILDERS INC	November 20, 2013
INFILL	0.41	GRADING FOR SFR	May 07, 2014
FINALED			
GRD13-00040	16611 SAGE	GOSNEY, ROBERT	November 12, 2013
BLDG GRADING RES	041225202	ROBERT D GOSNEY	November 25, 2013
INFILL	0.43	GRADING FOR SFR	
ISSUED			
GRD13-00041	19179 YUCCA	BENCHMARK HOMES LLC	November 12, 2013
BLDG GRADING RES	041138714	ROBERT D GOSNEY	November 25, 2013
INFILL	0.41	GRADING FOR SFR	May 05, 2014
FINALED			
GRD13-00042	7201 CROCKETT AVE	HAAS, BRYAN C	November 13, 2013
BLDG GRADING RES	039722105	KENNETH J THOMPSON	December 23, 2013
INFILL	0.45	GRADING INFILL LOT	
ISSUED			
GRD13-00044	18773 SUTTER	CONNORS, CHRISTOPHER J IRA	November 15, 2013
BLDG GRADING RES	039830102	K & M BUILDERS INC	November 22, 2013
INFILL	0.59	GRADING FOR SFR	August 06, 2014
FINALED			
GRD13-00045	14085 SMOKE TREE	MATT YOUSSEF	November 18, 2013
BLDG GRADING RES	040519217	MAGED YOUSSEF	December 02, 2013
INFILL	0.40	GRADING INFILL LOT	April 02, 2014
FINALED			
GRD13-00046	14488 ARAE ST	ACERO CRESTA LLC	December 02, 2013
BLDG GRADING RES	304610116		December 17, 2013
TRACT-PRECISE	5.00	PRECISE GRADE TRACT 16769 MODEL C	
ISSUED			
GRD13-00047	8304 ARCADIA AVE	EQUITY TRUST COMPANY	December 04, 2013
BLDG GRADING RES	039829402		December 18, 2013
INFILL	0.51	GRADING FOR SFR	May 02, 2014
FINALED			
GRD13-00048	6765 IRIS CT	MURPHY, BERNARD H REV LIV TR 7	December 04, 2013
BLDG GRADING RES	040558229		January 09, 2014
INFILL	0.45	GRADING FOR SFR	May 27, 2014
FINALED			
GRD13-00049	7392 ALSTON CT	YOUSSEF, KHALED	December 04, 2013
BLDG GRADING RES	041232104	K YOUSSEF CONSTRUCTION	June 13, 2014
INFILL	0.66	GRADING FOR INFILL LOT	
ON HOLD			
GRD13-00050	7231 CENTURY	ROGERS, STEVEN MICHAEL	December 09, 2013
BLDG GRADING RES	039722104	C D & G INC	January 13, 2014
INFILL	0.43	GRADING	
ISSUED			

GRD13-00051 BLDG GRADING RES INFILL FINALED	8762 THIRD AVE 041321234 1.00	MARQUEZ, JOE & REINA LIV TR BY MAGED YOUSSEF GRADING FOR STOCK #2098	December 09, 2013 January 14, 2014 June 20, 2014
GRD13-00052 BLDG GRADING RES INFILL ISSUED	7255 CENTURY AVE 039722102 0.64	ROGERS, STEVEN MICHAEL C D & G INC GRADING	December 09, 2013 January 13, 2014
GRD13-00053 BLDG GRADING RES INFILL FINALED	9714 ELEVENTH AVE 040818129 1.03	ALKHATEEB, TAGHREED MAGED YOUSSEF GRADING FOR STOCK #2098	December 09, 2013 May 27, 2014 September 11, 2014
GRD13-00054 BLDG GRADING RES INFILL FINALED	9736 ELEVENTH AVE 040818128 1.03	SAFAMMAN INC MAGED YOUSSEF GRADING FOR STOCK #2098	December 09, 2013 January 31, 2014 May 30, 2014
GRD13-00055 BLDG GRADING RES INFILL ISSUED	7243 CENTURY AVE 039722103 0.41	ROGERS, STEVEN MICHAEL C D & G INC GRADING	December 09, 2013 January 13, 2014
GRD13-00056 BLDG GRADING RES INFILL FINALED	9733 HICKORY CT 040818122 1.02	ALKHATEEB, AHMED MAGED YOUSSEF GRADING FOR STOCK #2098	December 09, 2013 December 19, 2013 June 10, 2014
GRD13-00057 BLDG GRADING COMM PRECISE ISSUED	17070 MAIN ST 041013350 2.31	O REILLY AUTOMOTIVE STORES INC G.M. NORTHRUP GRADING FOR O'REILLY'S	December 16, 2013 December 18, 2013
GRD13-00058 BLDG GRADING RES INFILL ISSUED	17919 WINDSOR LANE 039701202 5.23	PORTER, BRYON BLEDSOE GRADING INC GRADING	December 16, 2013 April 09, 2014
GRD13-00059 BLDG GRADING COMM PRECISE FINALED	15385 MAIN ST 040818209 1.05	HESPERIA COMMUNITY DEVELOPMENT J M STITT CONSTRUCTION INC GRADING FOR AARON'S	December 17, 2013 December 17, 2013 June 12, 2014
GRD13-00060 BLDG GRADING RES INFILL FINALED	8128 PISMO ST 039822408 0.58	CHRISTOPHER J CONNORS IRA MARK ALEXANDER HOMES GRADING FOR SFR- STOCK	December 18, 2013 February 21, 2014 August 01, 2014
GRD13-00061 BLDG GRADING RES INFILL FINALED	16906 ELM ST 041226216 0.58	WOLLESON, EARL H K & M BUILDERS INC GRADING SFR	December 18, 2013 December 19, 2013 May 09, 2014

GRD13-00062	9430 ELEVENTH AVE	HESPERIA FIRE PROTECTION DISTR	December 19, 2013
BLDG GRADING COMM	040903224		December 19, 2013
PRECISE	0.68	GRADING FOR FIRE STATION 301	
ISSUED			
GRD14-00003	13311 MAIN ST	WAL-MART STORES INC	February 04, 2014
BLDG GRADING COMM	305701143		February 14, 2014
PRECISE	1.47	GRADING FOR NEW HESPERIA SPEED W	
ISSUED			
GRD14-00004	18350 ATLANTIC	BENCHMARK HOMES LLC	February 11, 2014
BLDG GRADING RES	041116134		February 28, 2014
INFILL	0.94	GRADING FOR SFR	September 08, 2014
FINALED			
GRD14-00005	16540 MESA ST	DANIEL OLSON	February 11, 2014
BLDG GRADING RES	041515225	GENE DICKINSON PLASTERING & CO	March 11, 2014
INFILL	0.72	GRADING	August 15, 2014
FINALED			
GRD14-00006	8221 SIXTH AVE	DANIELS, FRANKIE REVOCABLE LIV	February 13, 2014
BLDG GRADING RES	041207201	COMPLETE CONSTRUCTION GROUP	March 31, 2014
INFILL	1.00	GRADING SFR	
ISSUED			
GRD14-00007	16023 MUSCATEL	DIECIDUE FAM TR	February 13, 2014
BLDG GRADING RES	041321201	COMPLETE CONSTRUCTION GROUP	March 31, 2014
INFILL	1.00	GRADING	
ISSUED			
GRD14-00009	14733 JUNIPER ST	GODINEZ, VICTOR	March 07, 2014
BLDG GRADING RES	040813415		March 07, 2014
INFILL	0.41	REINSTATING GRADING #BP07-00529	
ISSUED			
GRD14-00012	15878 SYCAMORE ST	SMEDLEY, ANN B TRUST 4/4/04 -	March 18, 2014
BLDG GRADING RES	041401413		May 09, 2014
INFILL	0.70	GRADING INFILL LOT	
ISSUED			
GRD14-00013	15501 RODEO	CLARK CUSTOM HOMES INC	March 20, 2014
BLDG GRADING RES	041218107		April 02, 2014
INFILL	1.40	GRADING- SFR	
ISSUED			
GRD14-00014	9668 CARRISSA	KHALED YOUSEFF	March 31, 2014
BLDG GRADING RES	041139201	MAGED YOUSSEF	April 17, 2014
INFILL	0.65	GRADING FOR SFR W/ DRAINAGE	July 28, 2014
FINALED			
GRD14-00015	18296 MOJAVE	PETERSON, KYLE	April 03, 2014
BLDG GRADING RES	041103214		May 28, 2014
INFILL	1.20	GRADING FOR NEW SFR	September 08, 2014
FINALED			

GRD14-00018	10419 OAKWOOD	GEORGE LLC	April 10, 2014
BLDG GRADING RES	040809214		June 17, 2014
INFILL	0.48	SFR GRADING	September 17, 2014
FINALED			
GRD14-00019	7735 MINSTEAD	RYLAR INVESTMENTS INC	April 18, 2014
BLDG GRADING RES	039813506	D M K HOMES	May 30, 2014
INFILL	0.41	GRADING SFR	
ISSUED			
GRD14-00020	7110 LYONS ST	RYLAR INVESTMENTS INC	April 18, 2014
BLDG GRADING RES	039709502	D M K HOMES	May 30, 2014
INFILL	0.44	GRADING SFR	
ISSUED			
GRD14-00021	18991 ROCK SPRINGS	MC CLELLAND, S & P SURVIVOR'S	April 30, 2014
BLDG GRADING RES	039839102	MARK ALEXANDER HOMES	May 15, 2014
INFILL	0.41	GRADING FOR SFR 1928 SQ FT	
ISSUED			
GRD14-00022	19910 TRACT	ACERO CRESTA LLC	May 05, 2014
BLDG GRADING RES	304610116		June 26, 2014
TRACT-PRECISE	5.00	PRECISE GRADE FOR LOTS 3-4, 15-17	
ISSUED			
GRD14-00023	18708 ALBANY	BENCHMARK HOMES LLC	May 06, 2014
BLDG GRADING RES	041139206		May 16, 2014
INFILL	0.41	GRADING	
ISSUED			
GRD14-00024	11567 TENTH AVE	K YOUSSEF CONSTRUCTION	May 19, 2014
BLDG GRADING RES	041408213	K YOUSSEF CONSTRUCTION	June 19, 2014
INFILL	1.01	GRADING INFILL	
ISSUED			
GRD14-00027	7364 ALSTON CT	YOUSSEF, KHALED	May 28, 2014
BLDG GRADING RES	041232106	K YOUSSEF CONSTRUCTION	June 13, 2014
INFILL	0.60	GRADING SFR	
ON HOLD			
GRD14-00028	7340 ALSTON CT	YOUSSEF, KHALED	May 28, 2014
BLDG GRADING RES	041232107	K YOUSSEF CONSTRUCTION	June 13, 2014
INFILL	1.16	GRADING SFR	
ON HOLD			
GRD14-00029	7376 ALSTON CT	YOUSSEF, KHALED	May 28, 2014
BLDG GRADING RES	041232105	K YOUSSEF CONSTRUCTION	June 11, 2014
INFILL	0.65	GRADING SFR	
ON HOLD			
GRD14-00031	11649 IVY AVE	TRI HOLDINGS INC	June 02, 2014
BLDG GRADING RES	039920205		June 02, 2014
INFILL	0.82	GRADING RE-INSTATE PERMIT 053432	
ISSUED			

GRD14-00032	9159 PINION AVE	CHAP DELAINE, JAMES J	June 04, 2014
BLDG GRADING RES INFILL ISSUED	040904138 1.33	IDEAL HOMES GRADING- SFR	June 20, 2014
GRD14-00033	7664 BELLFLOWER ST	HILL COUNTRY PACIFIC INC	June 04, 2014
BLDG GRADING RES INFILL ISSUED	303928126 1.73	RE-INSTATE GRADING PERMIT #BP06-010	June 04, 2014
GRD14-00034	16453 BEAR VALLEY RD	BRO-CO LLC	June 16, 2014
BLDG GRADING COMM PRECISE ISSUED	041404110 1.04	HAMEL CONTRACTING INC GRADING FOR HEALTH CLINIC EXPANSION	June 18, 2014
GRD14-00036	8833 LASSEN	WRIGHT, HARVEY L	June 23, 2014
BLDG GRADING RES INFILL FINALED	039838108 0.45	K YOUSSEF CONSTRUCTION GRADING	June 25, 2014 September 30, 2014
GRD14-00038	11110 BALSAM AVE	MAGED YOUSSEF	June 23, 2014
BLDG GRADING RES INFILL ISSUED	040612222 1.00	MAGED YOUSSEF GRADING INFILL LOT	June 25, 2014
GRD14-00039	7980 VICTOR	MAGED YOUSSEF	June 23, 2014
BLDG GRADING RES INFILL ISSUED	040916310 0.45	MAGED YOUSSEF GRADING INFILL	June 25, 2014
GRD14-00063	19910 TRACT	ACERO CRESTA LLC	August 20, 2014
BLDG GRADING RES TRACT-PRECISE ISSUED	304610116 5.00	GRADING SFR LOTS 3, 4,15-17	June 26, 2014



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 5001
Victorville, CA 92393
Main 760.955.5158

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: SENECA RD.

Inspector: PHIL C ROBERT L / S LONGORIA Date: _____

- Follow-up Inspection
- Routine Inspection
- WPCP
- SWPPP
- Risk Level 1
- Risk Level 2
- Risk Level 3

WDID No.: _____ Time: 10:05 am
Contractor Signature: _____

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE</u>	
	Address: <u>14343 CIVIC DR</u>	State: <u>CA</u> Zip: <u>92392</u>
	Phone: _____	Fax: _____
	Contact Person: <u>LOUIE RODRIGUEZ</u>	Phone: <u>760-559-5907</u>

Weather Conditions:	<u>Visibility</u>	<u>Percipitation</u>	Construction Phase:	<input checked="" type="radio"/> Street	<input type="radio"/> LMAD
	<input checked="" type="radio"/> Clear <input type="radio"/> Partly Cloudy <input type="radio"/> Cloudy	<input checked="" type="radio"/> None <input type="radio"/> Misty <input type="radio"/> Light Rain		<input type="radio"/> Sewer <input type="radio"/> Storm Drain <input type="radio"/> Water <input type="radio"/> Dry Utilities <input type="radio"/> Curb, Gutter & Sidewalk <input type="radio"/> Drive Approach	<input type="radio"/> DFAD <input type="radio"/> MAD <input type="radio"/> Landscaping <input type="radio"/> Tract <input type="radio"/> On-Site <input type="radio"/> Off-Site
	<u>Wind</u>	<input type="radio"/> Rain <input type="radio"/> Heavy Rain <input type="radio"/> Hail <input type="radio"/> Snow		<input type="radio"/> Other <u>NO WORK CURRENT</u>	
	<input type="radio"/> None <input type="radio"/> Less than 5 MPH <input checked="" type="radio"/> Greater than 5 MPH				

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Eros. Ctrl Plan avail. onsite.		X	Adequate onsite erosion & sediment controls	X	
B'dry ctrls(sandbags/fence) & wattles	X		Non-stormwater discharges contained		N/A
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or equip.		N/A
Streets & flow lines free of dirt & debris	X		Liquid mat'l's stored properly w/spill containm't		
Conc. & Stucco washout onsite w/adequate		N/A	Building materials stored properly		
Temp. RRs located off ST. w/2nd containm't			Proper storage & disposal at each building pad		
Inlets & outlets protected			Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: SENECA

Inspector: R LEWIS

Date:

Case/Permit #: SENECA RD

Inspector: R LEWIS / S LONGORIA Date:

- Follow-up Inspection WPCP Risk Level 1
Routine Inspection SWPPP Risk Level 2
Risk Level 3

WDID No.: Contractor Signature:

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Table with 2 columns: Activity and Observations & Comments. Rows include Hazardous Materials & Waste Storage, Hazardous Waste Storage Inventory, Hazardous Materials Delivery & Storage, Hazardous Waste Disposal & Transportation, Tracking Controls Access Roads, Waste Management, Temporary Concrete Washouts, Vehicle & Equipment Storage Areas, Vehicle & Equipment Fueling, Vehicle & Equipment Maintenance, Vehicle & Maintenance Cleaning, Dewatering, Pile Driving, Material & Equipment Use Over Water, Structure Demolition or Removal Over or Adjacent to Water, Active Treatment System.



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: SENECA

Inspector: R LEWIS

Date: _____

Case/
Permit #: SENECA RD

Inspector: R LEWIS / S LONGORIA Date: _____

- Follow-up Inspection
- Routine Inspection
- WPCP
- SWPPP
- Risk Level 1
- Risk Level 2
- Risk Level 3

WDID
No.: _____
Contractor
Signature: _____

Time: _____

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 5001
Victorville, CA 92393
Main 760.955.5158

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: SENECA RD. Inspector: PHIL C ROBERT L / S LONGORIA Date: _____

Follow-up Inspection WPCP Risk Level 1
 Routine Inspection SWPPP Risk Level 2
 Risk Level 3

WDID No.: _____ Time: _____
Contractor Signature: _____

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE</u>		
	Address: <u>14343 CIVIC DR</u>		State: <u>CA</u> Zip: <u>92392</u>
	Phone: _____		Fax: _____
	Contact Person: <u>LOUIE RODRIGUEZ</u>		Phone: <u>760-559-5907</u>

Weather Conditions:	<u>Visibility</u>	<u>Precipitation</u>	Construction Phase:	<input checked="" type="radio"/> Street	<input type="radio"/> LMAD
	<input checked="" type="radio"/> Clear	<input checked="" type="radio"/> None		<input type="radio"/> Sewer	<input type="radio"/> DFAD
	<input type="radio"/> Partly Cloudy	<input type="radio"/> Misty		<input type="radio"/> Storm Drain	<input type="radio"/> MAD
	<input type="radio"/> Cloudy	<input type="radio"/> Light Rain		<input type="radio"/> Water	<input type="radio"/> Landscaping
<u>Wind</u>	<input type="radio"/> Rain	<input type="radio"/> Heavy Rain	<input type="radio"/> Dry/Utilities	<input type="radio"/> Tract	
<input type="radio"/> None	<input type="radio"/> Hail	<input type="radio"/> Snow	<input type="radio"/> Curb, Gutter & Sidewalk	<input type="radio"/> On-Site	
<input type="radio"/> Less than 5 MPH			<input type="radio"/> Drive Approach	<input type="radio"/> Off-Site	
<input checked="" type="radio"/> Greater than 5 MPH			<input checked="" type="radio"/> Other <u>NO WORK CURRENT</u>		

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Eros. Ctrl Plan avail. onsite.		X	Adequate onsite erosion & sediment controls	X	
B'dry ctrls(sandbags/fence) & wattles	X		Non-stormwater discharges contained		N/A
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or equip.		N/A
Streets & flow lines free of dirt & debris	X		Liquid maffs stored properly w/spill containm't		N/A
Conc. & Stucco washout onsite w/adequate		N/A	Building materials stored properly		
Temp. RRs located off ST. w/2nd containm't			Proper storage & disposal at each building pad		
Inlets & outlets protected			Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 5001
Victorville, CA 92393
Main 760.955.5158

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: ENG 13 - 00189 Inspector: R. LEWIS / S. LONGORIA Date: 6-3-2013

Follow-up Inspection WPCP Risk Level 1
 Routine Inspection SWPPP Risk Level 2
 Risk Level 3

WDID No.: _____ Contractor Signature: _____ Time: 8:30 Am

Permittee Contact Information:	Contractor Name:	<u>COOLEY CONSTRUCTION</u>		
	Address:	<u>17525 EUCALYPTUS, HESPERIA</u>	State: <u>CA</u>	Zip: <u>92345</u>
	Phone:	<u>760-948-8400</u>	Fax:	_____
	Contact Person:	<u>Tom TOM STERNFIELD</u>	Phone:	<u>760-948-8400</u>

Weather Conditions:	<u>Visibility</u>	<u>Precipitation</u>	Construction Phase:	<input checked="" type="checkbox"/> Street	<input type="checkbox"/> LMAD
	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy	<input checked="" type="checkbox"/> None <input type="checkbox"/> Misty <input type="checkbox"/> Light Rain <input type="checkbox"/> Rain <input type="checkbox"/> Heavy Rain <input type="checkbox"/> Hail <input type="checkbox"/> Snow		<input type="checkbox"/> Sewer <input type="checkbox"/> Storm Drain <input type="checkbox"/> Water <input type="checkbox"/> Dry Utilities <input type="checkbox"/> Curb, Gutter & Sidewalk <input type="checkbox"/> Drive Approach <input type="checkbox"/> Other	<input type="checkbox"/> DFAD <input type="checkbox"/> MAD <input type="checkbox"/> Landscaping <input type="checkbox"/> Tract <input type="checkbox"/> On-Site <input type="checkbox"/> Off-Site
	<u>Wind</u>				
	<input type="checkbox"/> None <input type="checkbox"/> Less than 5 MPH <input checked="" type="checkbox"/> Greater than 5 MPH				

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Eros. Ctrl Plan avail. onsite.	X		Adequate onsite erosion & sediment controls	X	
B'dry ctrls(sandbags/fence) & wattles	X		Non-stormwater discharges contained	X	
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or equip.	X	
Streets & flow lines free of dirt & debris	X		Liquid mat'ls stored properly w/spill containm't		N/A
Conc. & Stucco washout onsite w/adequate		N/A	Building materials stored properly		N/A
Temp. RRs located off ST. w/2nd containm't		↓	Proper storage & disposal at each building pad		↓
Inlets & outlets protected		↓	Stockpiled dirt/materials protected		↓

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: ENG 13-00189

Inspector: R. LEWIS / S. LONGORIA

Date: 6-3-2013

Case/
Permit #: ENG 13 - 00189

Inspector: _____

Date: _____

Follow-up Inspection

WPCP

Risk Level 1

WDID

No.: _____

Time: 8:30 AM

Routine Inspection

SWPPP

Risk Level 2

Contractor

Signature: _____

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Waste Management <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 50
Victorville, CA 923
Main 760.955.51

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/
Permit #: SENECA RD. ENB13-00196

Inspector: PHIL C ROBERT L / S LONGORIA Date: 5-20-2013

- Follow-up Inspection
- WPCP
- Risk Level 1
- Routine Inspection
- SWPPP
- Risk Level 2
- Risk Level 3

WDID No.: _____
Contractor Signature: _____ Time: 8:00 AM

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE</u>	State: <u>CA</u>	Zip: <u>92392</u>
	Address: <u>14343 CIVIC DR</u>	Fax: _____	
	Phone: _____	Phone: <u>760-559-5907</u>	
	Contact Person: <u>LOUIE RODRIGUEZ</u>		

Weather Conditions:	Visibility <input checked="" type="radio"/> Clear <input type="radio"/> Partly Cloudy <input type="radio"/> Cloudy	Precipitation <input checked="" type="radio"/> None <input type="radio"/> Misty <input type="radio"/> Light Rain <input type="radio"/> Rain <input type="radio"/> Heavy Rain <input type="radio"/> Hail <input type="radio"/> Snow	Construction Phase:	<input checked="" type="radio"/> Street <input type="radio"/> Sewer <input type="radio"/> Storm Drain <input type="radio"/> Water <input type="radio"/> Dry Utilities <input type="radio"/> Curb, Gutter & Sidewalk <input type="radio"/> Drive Approach <input checked="" type="radio"/> Other <u>NO WORK CURRENT</u>
	Wind <input type="radio"/> None <input type="radio"/> Less than 5 MPH <input checked="" type="radio"/> Greater than 5 MPH			<input type="radio"/> LMAD <input type="radio"/> DFAD <input type="radio"/> MAD <input type="radio"/> Landscaping <input type="radio"/> Tract <input type="radio"/> On-Site <input type="radio"/> Off-Site

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Eros. Ctrl Plan avail. onsite.		X	Adequate onsite erosion & sediment controls	X	
B'dry ctrls(sandbags/fence) & wattles	X		Non-stormwater discharges contained		
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or equip.		N/A
Streets & flow lines free of dirt & debris	X		Liquid mat'ls stored properly w/spill containm't		N/A
Conc. & Stucco washout onsite w/adequate		N/A	Building materials stored properly		
Temp. RRs located off ST. w/2nd containm't			Proper storage & disposal at each building pad		
Inlets & outlets protected			Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: SENECA

Inspector: R LEWIS

Date: 5-27-2013

Case/Permit #: SENECA RD

Inspector: R LEWIS / S LONGORIA Date: 5-27-2013

- Follow-up Inspection WPCP Risk Level 1
- Routine Inspection SWPPP Risk Level 2
- Risk Level 3

WDID No.: _____
 Contractor Signature: _____
 Time: 8:00 AM

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board. To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 5001
Victorville, CA 92393
Main 760.955.5158

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: SENECA RD. ENG 13-00196

Inspector: PHIL C ROBERT L / S LONGORIA Date: 5-20-2013

- Follow-up Inspection
- WPCP
- Risk Level 1
- Risk Level 2
- Routine Inspection
- SWPPP
- Risk Level 3

WDID No.: _____
Contractor Signature: _____
Time: 8:00 AM

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE</u>		Address: <u>14343 CIVIC DR</u>		State: <u>CA</u>	Zip: <u>92392</u>
	Phone: _____		Fax: _____			
	Contact Person: <u>LOUIE RODRIGUEZ</u>		Phone: <u>760-559-5907</u>			

Weather Conditions:	<u>Visibility</u>	<u>Precipitation</u>	Construction Phase:	<input type="checkbox"/> Street	<input type="checkbox"/> LMAD
	<u>Wind</u>			<input type="checkbox"/> Sewer	<input type="checkbox"/> DFAD
	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> None		<input type="checkbox"/> Storm Drain	<input type="checkbox"/> MAD
	<input type="checkbox"/> Partly Cloudy	<input type="checkbox"/> Misty		<input type="checkbox"/> Water	<input type="checkbox"/> Landscaping
	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Light Rain		<input type="checkbox"/> Dry Utilities	<input type="checkbox"/> Tract
	<input type="checkbox"/> None	<input type="checkbox"/> Rain		<input type="checkbox"/> Curb, Gutter & Sidewalk	<input type="checkbox"/> On-Site
	<input type="checkbox"/> Less than 5 MPH	<input type="checkbox"/> Heavy Rain		<input type="checkbox"/> Drive Approach	<input type="checkbox"/> Off-Site
	<input checked="" type="checkbox"/> Greater than 5 MPH	<input type="checkbox"/> Hail		<input checked="" type="checkbox"/> Other <u>NO WORK CURRENT</u>	
		<input type="checkbox"/> Snow			

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Eros. Ctrl Plan avail. onsite.		X	Adequate onsite erosion & sediment controls	X	
B'dry ctrls(sandbags/fence) & wattles	X		Non-stormwater discharges contained		N/A
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or equip.		N/A
Streets & flow lines free of dirt & debris	X		Liquid mat'ls stored properly w/spill containm't		
Conc. & Stucco washout onsite w/adequate		N/A	Building materials stored properly		
Temp. RRs located off ST. w/2nd containm't			Proper storage & disposal at each building pad		
Inlets & outlets protected			Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION
INSPECTION REPORT

Case/Permit No.: SENECA

Inspector: R LEWIS

Date: 5-20-2013

Case/ Permit #: SENECA RD

Inspector: R LEWIS / S LONGORIA Date: 5-20-2013

- 0 Follow-up Inspection
0 Routine Inspection
0 WPCP
0 SWPPP
0 Risk Level 1
0 Risk Level 2
0 Risk Level 3

WDID No.: Contractor Signature:

Time: 8:00 AM

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board. To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Table with 2 columns: Activity and Observations & Comments. Rows include Hazardous Materials & Waste Storage, Hazardous Waste Storage Inventory, Hazardous Materials Delivery & Storage, Hazardous Waste Disposal & Transportation, Tracking Controls Access Roads, Waste Management, Temporary Concrete Washouts, Vehicle & Equipment Storage Areas, Vehicle & Equipment Fueling, Vehicle & Equipment Maintenance, Vehicle & Maintenance Cleaning, Dewatering, Pile Driving, Material & Equipment Use Over Water, Structure Demolition or Removal Over or Adjacent to Water, and Active Treatment System.



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 5001
Victorville, CA 92393
Main 760.955.5158

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: SENECA RD. ENG, 13 - 00196

Inspector: PHIL C ROBERT L / S LONGORIA Date: 5-13-2013

- Follow-up Inspection
 Routine Inspection
 WPCP
 SWPPP
 Risk Level 1
 Risk Level 2
 Risk Level 3

WDID No.: _____
 Contractor Signature: _____
 Time: 1:00 pm

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE</u>	
	Address: <u>14343 CIVIC DR</u>	State: <u>CA</u> Zip: <u>92392</u>
	Phone: _____	Fax: _____
	Contact Person: <u>LOUIE RODRIGUEZ</u>	Phone: <u>760-559-5907</u>

Weather Conditions:	<u>Visibility</u>	<u>Precipitation</u>	Construction Phase:	<input checked="" type="radio"/> Street	<input type="radio"/> LMAD
	<input checked="" type="radio"/> Clear <input type="radio"/> Partly Cloudy <input type="radio"/> Cloudy <u>Wind</u> <input type="radio"/> None <input type="radio"/> Less than 5 MPH <input checked="" type="radio"/> Greater than 5 MPH	<input checked="" type="radio"/> None <input type="radio"/> Misty <input type="radio"/> Light Rain <input type="radio"/> Rain <input type="radio"/> Heavy Rain <input type="radio"/> Hail <input type="radio"/> Snow		<input type="radio"/> Sewer <input type="radio"/> Storm Drain <input type="radio"/> Water <input type="radio"/> Dry Utilities <input type="radio"/> Curb, Gutter & Sidewalk <input type="radio"/> Drive Approach <input checked="" type="radio"/> Other <u>NO WORK CURRENT</u>	<input type="radio"/> DFAD <input type="radio"/> MAD <input type="radio"/> Landscaping <input type="radio"/> Tract <input type="radio"/> On-Site <input type="radio"/> Off-Site

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Eros. Ctrl Plan avail. onsite.		X	Adequate onsite erosion & sediment controls	X	
B'dry ctrls(sandbags/fence) & wattles	X		Non-stormwater discharges contained		N/A
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or equip.		N/A
Streets & flow lines free of dirt & debris	X		Liquid mat'ls stored properly w/spill containm't		
Conc. & Stucco washout onsite w/adequate		N/A	Building materials stored properly		
Temp. RRs located off ST. w/2nd containm't			Proper storage & disposal at each building pad		
Inlets & outlets protected			Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: SENECA

Inspector: R LEWIS

Date: 5-13-2013

Case/
Permit #: SENECA RD

Inspector: R LEWIS / S LONGORIA Date: 5-13-2013

- Follow-up Inspection
- Routine Inspection
- WPCP
- SWPPP
- Risk Level 1
- Risk Level 2
- Risk Level 3

WDID
No.: _____
Contractor
Signature: _____
Time: 1:00pm

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 5001
Victorville, CA 92393
Main 760.955.5158

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/
Permit #: SENECA RD. ENG 13-00196

Inspector: PHIL C ROBERT L / S LONGORIA Date: 5-6-2013

- Follow-up Inspection WPCP Risk Level 1
 Routine Inspection SWPPP Risk Level 2
 Risk Level 3

WDID No.: _____ Time: 10:05 AM
 Contractor Signature: _____

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE</u>	
	Address: <u>14343 CIVIC DR</u>	State: <u>CA</u> Zip: <u>92392</u>
	Phone: _____	Fax: _____
	Contact Person: <u>LOUIE RODRIGUEZ</u>	Phone: <u>760-559-5907</u>

Weather Conditions:	Visibility	Precipitation	Construction Phase:		
	<input checked="" type="radio"/> Clear <input type="radio"/> Partly Cloudy <input type="radio"/> Cloudy <input type="radio"/> None <input type="radio"/> Less than 5 MPH <input type="radio"/> Greater than 5 MPH	<input checked="" type="radio"/> None <input type="radio"/> Misty <input type="radio"/> Light Rain <input type="radio"/> Rain <input type="radio"/> Heavy Rain <input type="radio"/> Hail <input type="radio"/> Snow		<input checked="" type="radio"/> Street <input type="radio"/> Sewer <input type="radio"/> Storm Drain <input type="radio"/> Water <input type="radio"/> Dry Utilities <input type="radio"/> Curb, Gutter & Sidewalk <input type="radio"/> Drive Approach <input checked="" type="radio"/> Other <u>NO WORK CURRENT</u>	<input type="radio"/> LMAD <input type="radio"/> DFAD <input type="radio"/> MAD <input type="radio"/> Landscaping <input type="radio"/> Tract <input type="radio"/> On-Site <input type="radio"/> Off-Site

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Eros. Ctrl Plan avail. onsite.		X	Adequate onsite erosion & sediment controls	X	
B'dry ctrls(sandbags/fence) & wattles	X		Non-stormwater discharges contained		N/A
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or equip.		N/A
Streets & flow lines free of dirt & debris	X		Liquid mat'ls stored properly w/spill containm't		
Conc. & Stucco washout onsite w/adequate		N/A	Building materials stored properly		
Temp. RRs located off ST. w/2nd containm't			Proper storage & disposal at each building pad		
Inlets & outlets protected			Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
 Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: SENECAInspector: R LewisDate: 5-6-2013Case/
Permit #: SENECA RDInspector: R LEWIS / S LONGORIA Date: 5-6-2013
~~10:05 am~~
 Follow-up Inspection
 Routine Inspection

 WPCP
 SWPPP

 Risk Level 1
 Risk Level 2
 Risk Level 3

 WDID
 No.: _____
 Contractor
 Signature: _____
Time: 10:05 am

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 500
Victorville, CA 92391
Main 760.955.5151

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: SENECA RD. ENG 13-00196 Inspector: R. LEWIS / S. LONGORIA Date: 4/29/2013

Follow-up Inspection WPCP Risk Level 1 WDID No: _____
 Routine Inspection SWPPP Risk Level 2 Contractor _____
 Risk Level 3 Signature: _____ Time: 8:15

Permittee Contact Information:
Contractor Name: CITY OF VICTORVILLE
Address: 14343 CIVIC DR State: CA Zip: 92392
Phone: _____ Fax: _____
Contact Person: LOUIE RODRIGUEZ Phone: 760-559-5907

Weather Conditions:	Visibility	Percipitation	Construction Phase:	<input checked="" type="checkbox"/> Street	<input type="checkbox"/> LMAD
	<input checked="" type="checkbox"/> Clear	<input checked="" type="checkbox"/> None		<input type="checkbox"/> Sewer	<input type="checkbox"/> DFAD
	<input type="checkbox"/> Partly Cloudy	<input type="checkbox"/> Misty		<input type="checkbox"/> Storm Drain	<input type="checkbox"/> MAD
<input type="checkbox"/> Cloudy	<input type="checkbox"/> Light Rain	<input type="checkbox"/> Rain	<input type="checkbox"/> Water	<input type="checkbox"/> Landscaping	
Wind	<input type="checkbox"/> Heavy Rain	<input type="checkbox"/> Hail	<input type="checkbox"/> Dry Utilities	<input type="checkbox"/> Tract	
<input type="checkbox"/> None	<input type="checkbox"/> Snow	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Curb, Gutter & Sidewalk	<input type="checkbox"/> On-Site	
<input checked="" type="checkbox"/> Less than 5 MPH			<input type="checkbox"/> Drive Approach	<input type="checkbox"/> Off-Site	
<input type="checkbox"/> Greater than 5 MPH					

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Erosion Control Plan available		X	Adequate on-site erosion & sediment	X	
Adequate perimeter controls		X	Non-stormwater discharges contained	X	
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or	N/A	
Streets & flow lines free of dirt & debris		X	Liquid materials stored properly with spill		
Concrete & Stucco washout on-site with		X	Building materials stored properly		
Temp. restrooms properly located out of	N/A		Proper storage & disposal at each building		
Inlets & outlets protected			Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: _____

Inspector: R. LEWIS

Date: 4/11/2013

Case/
Permit #: SENECA RD REHAB

Inspector: R. LEWIS/S. LONGORIA Date: 4/11/2013

- Follow-up Inspection WPCP Risk Level 1
 Routine Inspection SWPPP Risk Level 2
 Risk Level 3

WDID _____
 No.: _____
 Contractor _____
 Signature: _____

Time: 8:30 AM

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: _____

Inspector: R Lewis

Date: 4/22/2013

Case/
Permit #: SENECA RD RECON

Inspector: LEWIS / LONGORIA

Date: 4/22/2013

- Follow-up Inspection WPCP Risk Level 1
 Routine Inspection SWPPP Risk Level 2
 Risk Level 3

WDID
 No.: _____
 Contractor: _____
 Signature: _____

Time: 9:20

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board. To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 500
Victorville, CA 92306
Main 760.955.5116

Case/ SENECA RD.
Permit #: ENG 13-00196

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Inspector: R. LEWIS / S. LANGRISH

Date: 4/15/2013

- Follow-up Inspection
 Routine Inspection
 WPCP
 SWPPP
 Risk Level 1
 Risk Level 2
 Risk Level 3

WDID No.: _____
Contractor Signature: _____

Time: 8:30 AM

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE</u>		State: <u>CA</u>	Zip: <u>92392</u>	
	Address: <u>14343 CIVIC DR.</u>		Phone: _____	Fax: _____	
	Phone: _____		Contact Person: <u>LOUIE RODRIGUEZ</u>		
	Contact Person: _____		Phone: <u>760-559-5907</u>		

Weather Conditions:	<u>Visibility</u>	<u>Precipitation</u>	Construction Phase:	<input checked="" type="checkbox"/> Street	<input type="checkbox"/> LMAD
	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <u>Wind</u> <input type="checkbox"/> None <input checked="" type="checkbox"/> Less than 5 MPH <input type="checkbox"/> Greater than 5 MPH	<input checked="" type="checkbox"/> None <input type="checkbox"/> Misty <input type="checkbox"/> Light Rain <input type="checkbox"/> Rain <input type="checkbox"/> Heavy Rain <input type="checkbox"/> Hail <input type="checkbox"/> Snow		<input type="checkbox"/> Sewer <input type="checkbox"/> Storm Drain <input type="checkbox"/> Water <input type="checkbox"/> Dry Utilities <input checked="" type="checkbox"/> Curb, Gutter & Sidewalk <input type="checkbox"/> Drive Approach <input type="checkbox"/> Other	<input type="checkbox"/> DFAD <input type="checkbox"/> MAD <input type="checkbox"/> Landscaping <input type="checkbox"/> Tract <input type="checkbox"/> On-Site <input type="checkbox"/> Off-Site

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Erosion Control Plan available		X	Adequate on-site erosion & sediment	X	
Adequate perimeter controls		X	Non-stormwater discharges contained	X	
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or	N/A	
Streets & flow lines free of dirt & debris		X	Liquid materials stored properly with spill		
Concrete & Stucco washout on-site with		X	Building materials stored properly		
Temp. restrooms properly located out of	N/A		Proper storage & disposal at each building		
Inlets & outlets protected	N/A		Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: _____

Inspector: R. LEWIS

Date: 4/11/2011

Case/
Permit #: SENECA RD
~~XXXXXXXXXX~~

Inspector: R. LEWIS / S. LANGRISH

Date: 4/11/2013

- Follow-up Inspection
- WPCP
- Risk Level 1
- Routine Inspection
- SWPPP
- Risk Level 2
- Risk Level 3

WDID
No.: _____
Contractor
Signature: _____

Time: 8:30 am

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board. To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



**SWPPP CONSTRUCTION
SITE INSPECTION REPORT**

CITY OF VICTORVILLE
Engineering Department
P.O. Box 500
Victorville, CA 92399
Main 760.955.5151

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/

Permit #: ENG 13-00196 SENECA RD

Inspector: R LEWIS/S LONGORIA

Date: 4/11/2013

- Follow-up Inspection WPCP Risk Level 1
 Routine Inspection SWPPP Risk Level 2
 Risk Level 3

WDID No.: _____
Contractor _____
Signature: _____

Time: 8:00

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE PUBLIC WORKS</u>
	Address: <u>14343 CIVIC DR.</u> State: <u>CA</u> Zip: <u>92392</u>
	Phone: <u>760-955-5000</u> Fax: _____
	Contact Person: <u>LOUIE RODRIGUEZ</u> Phone: <u>760-559-5907</u>

Weather Conditions:	Visibility	Precipitation	Construction Phase:	<input checked="" type="checkbox"/> Street	<input type="checkbox"/> LMAD
<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Partly Cloudy	<input checked="" type="checkbox"/> None		<input type="checkbox"/> Sewer	<input type="checkbox"/> DFAD
<input type="checkbox"/> Cloudy		<input type="checkbox"/> Misty	<input type="checkbox"/> Storm Drain	<input type="checkbox"/> MAD	<input type="checkbox"/> Landscaping
	Wind	<input type="checkbox"/> Light Rain	<input type="checkbox"/> Water	<input type="checkbox"/> Dry Utilities	<input type="checkbox"/> Tract
<input type="checkbox"/> None	<input type="checkbox"/> None	<input type="checkbox"/> Rain	<input checked="" type="checkbox"/> Curb, Gutter & Sidewalk	<input type="checkbox"/> On-Site	
<input checked="" type="checkbox"/> Less than 5 MPH	<input type="checkbox"/> None	<input type="checkbox"/> Heavy Rain	<input type="checkbox"/> Drive Approach	<input type="checkbox"/> Off-Site	
<input type="checkbox"/> Greater than 5 MPH	<input type="checkbox"/> Less than 5 MPH	<input type="checkbox"/> Hail	<input type="checkbox"/> Other		
	<input type="checkbox"/> Greater than 5 MPH	<input type="checkbox"/> Snow			

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Erosion Control Plan available	X		Adequate on-site erosion & sediment	X	
Adequate perimeter controls	X		Non-stormwater discharges contained	X	
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or	N/A	
Streets & flow lines free of dirt & debris	X		Liquid materials stored properly with spill		
Concrete & Stucco washout on-site with		N/A	Building materials stored properly		
Temp. restrooms properly located out of		N/A	Proper storage & disposal at each building		
Inlets & outlets protected		N/A	Stockpiled dirt/materials protected		

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: _____

Inspector: R LEWIS

Date: _____

Case/
Permit #: _____ SENECA RD.

Inspector: R LEWIS / S LONGORIA Date: 8/11/2013

- Follow-up Inspection
- WPCP
- Risk Level 1
- Routine Inspection
- SWPPP
- Risk Level 2
- Risk Level 3

WDID
No.: _____
Contractor
Signature: _____

Time: 8:00 Am

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 5001
Victorville, CA 92393
Main 760.955.5158

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: ENG 13-00196 SENECA RD. Inspector: R. LEWIS / S. LONGORIA Date: 4/4/2013

Follow-up Inspection WPCP Risk Level 1
 Routine Inspection SWPPP Risk Level 2
 Risk Level 3
WDID No.: _____
Contractor Signature: _____
Time: 9:00

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE - PUBLIC WORKS</u>		
	Address: <u>14949 CIVIC DR</u>	State: <u>CA</u>	Zip: <u>92392</u>
	Phone: _____	Fax: _____	
	Contact Person: <u>LOUIE RODRIGUEZ</u>	Phone: <u>760-559-5907</u>	

Weather Conditions:	<u>Visability</u>		Construction Phase:	<input checked="" type="checkbox"/> Street	<input type="checkbox"/> LMAD
	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Partly Cloudy		<input type="checkbox"/> Sewer	<input type="checkbox"/> DFAD
	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Wind		<input type="checkbox"/> Storm Drain	<input type="checkbox"/> MAD
	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Less than 5 MPH		<input type="checkbox"/> Water	<input type="checkbox"/> Landscaping
<input type="checkbox"/> Greater than 5 MPH	<input type="checkbox"/> Percipitation	<input type="checkbox"/> Dry Utilities	<input type="checkbox"/> Tract		
	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Heavy Rain	<input checked="" type="checkbox"/> Curb, Gutter & Sidewalk	<input type="checkbox"/> On-Site	
	<input type="checkbox"/> Misty	<input type="checkbox"/> Hail	<input type="checkbox"/> Drive Approach	<input type="checkbox"/> Off-Site	
	<input type="checkbox"/> Light Rain	<input type="checkbox"/> Snow	<input type="checkbox"/> Other _____		

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Eros. Ctrl Plan avail. onsite.	/		Adequate onsite erosion & sediment controls	/	
B'dry ctrls(sandbags/fence) & watties	/		Non-stormwater discharges contained	/	
Adequate site entrance stabilization	/		Drip pans under leaking vehicles &/or equip.	N/A	
Streets & flow lines free of dirt & debris	/		Liquid mat'ls stored properly w/spill containm't	/	
Conc. & Stucco washout onsite w/adequate		/	Building materials stored properly	/	
Temp. RRs located off ST. w/2nd containm't		N/A	Proper storage & disposal at each building pad	/	
Inlets & outlets protected		N/A	Stockpiled dirt/materials protected	/	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No	/		Vehicles & Equipment Fueling	/	
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No	/		Vehicles & Equipment Maintenance	/	
Hazardous Waste Transportation & Disposal	/		Vehicles & Equipment Cleaning	/	
Hazardous Materials Delivery	/		Dewatering	/	
Tracking Controls	/		Pile Driving	/	
Waste Management	/		Materials & Equipment Use over Water	/	
Temporary Concrete Washout	/		Structures Demolition/Removal Over or	/	
			Active Treatment System	/	

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: _____

Inspector: _____

Date: _____

Case/
Permit #: _____

Inspector: _____

Date: 4/4/2013

Follow-up Inspection

WPCP

Risk Level 1

WDID

No.: _____

Time: 9:00

Routine Inspection

SWPPP

Risk Level 2

Contractor

Signature: _____

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: ENG 13-00194 SENECA RD. Inspector: Blenas S. Valencia Date: 9/27/13

Follow-up Inspection
 Routine Inspection

WPCP
 SWPPP

Risk Level 1
 Risk Level 2
 Risk Level 3

WDID No.: _____
 Contractor Signature: _____

Time: 8:30 Am

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE - PHOENIX WORKS</u>		
	Address: <u>14343 CIVIC DR.</u>	State: <u>CA</u>	Zip: <u>92392</u>
	Phone: _____	Fax: _____	
	Contact Person: <u>LOUIE RODRIGUEZ</u>	Phone: <u>760-559-5907</u>	

Weather Conditions:	Visibility	Precipitation	Construction Phase:	<input checked="" type="checkbox"/> Street <input type="checkbox"/> Sewer <input type="checkbox"/> Storm Drain <input type="checkbox"/> Water <input type="checkbox"/> Dry Utilities <input checked="" type="checkbox"/> Curb, Gutter & Sidewalk <input type="checkbox"/> Drive Approach <input type="checkbox"/> Other	<input type="checkbox"/> LMAD <input type="checkbox"/> DFAD <input type="checkbox"/> MAD <input type="checkbox"/> Landscaping <input type="checkbox"/> Tract <input type="checkbox"/> On-Site <input type="checkbox"/> Off-Site
	Wind	<input checked="" type="checkbox"/> None <input type="checkbox"/> Misty <input type="checkbox"/> Light Rain <input type="checkbox"/> Rain <input type="checkbox"/> Heavy Rain <input type="checkbox"/> Hail <input type="checkbox"/> Snow		<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/> None <input type="checkbox"/> Less than 5 MPH <input checked="" type="checkbox"/> Greater than 5 MPH	<input type="checkbox"/> Street <input type="checkbox"/> Sewer <input type="checkbox"/> Storm Drain <input type="checkbox"/> Water <input type="checkbox"/> Dry Utilities <input checked="" type="checkbox"/> Curb, Gutter & Sidewalk <input type="checkbox"/> Drive Approach <input type="checkbox"/> Other

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Erosion Control Plan available	X		Adequate on-site erosion & sediment	X	
Adequate perimeter controls	Y		Non-stormwater discharges contained	X	
Adequate site entrance stabilization	x		Drip pans under leaking vehicles &/or	N/A	
Streets & flow lines free of dirt & debris	X		Liquid materials stored properly with spill	N/A	
Concrete & Stucco washout on-site with		x	Building materials stored properly	N/A	
Temp. restrooms properly located out of		N/A	Proper storage & disposal at each building	N/A	
Inlets & outlets protected		N/A	Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
 Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: _____

Inspector: R. LEWIS / S. LONGORIA

Date: 3/27/13

Case/
Permit #: _____

Inspector: R. LEWIS / S. LONGORIA

Date: 3/27/13

- Follow-up Inspection
- WPCP
- Risk Level 1
- Routine Inspection
- SWPPP
- Risk Level 2
- Risk Level 3

WDID
No.: _____
Contractor
Signature: _____

Time: 8:30 AM

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 5001
Victorville, CA 92393
Main 760.955.5158

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/Permit #: ENG13-00095 Inspector: R LEWIS / S LONGORIA Date: 5-20-2013

Follow-up Inspection WPCP Risk Level 1 WDID
 Routine Inspection SWPPP Risk Level 2 No.: _____
 Risk Level 3 Contractor _____
Signature: _____ Time: 2:00 pm

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE</u>		
	Address: <u>14343 CIVIC DR.</u>		State: <u>CA</u> Zip: <u>92392</u>
	Phone: _____		Fax: _____
	Contact Person: <u>LOUIE RODRIGUEZ</u>		Phone: <u>760-559-8907</u>

Weather Conditions:	<u>Visibility</u>	<u>Percipitation</u>	Construction Phase:	<input type="checkbox"/> Street	<input type="checkbox"/> LMAD
	<input checked="" type="checkbox"/> Clear	<input checked="" type="checkbox"/> None		<input type="checkbox"/> Sewer	<input type="checkbox"/> DFAD
	<input type="checkbox"/> Partly Cloudy	<input type="checkbox"/> Misty		<input type="checkbox"/> Storm Drain	<input type="checkbox"/> MAD
	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Light Rain		<input type="checkbox"/> Water	<input type="checkbox"/> Landscaping
<u>Wind</u>	<input type="checkbox"/> Rain	<input type="checkbox"/> Heavy Rain	<input type="checkbox"/> Dry Utilities	<input type="checkbox"/> Tract	
<input type="checkbox"/> None	<input type="checkbox"/> Hail	<input type="checkbox"/> Snow	<input checked="" type="checkbox"/> Curb, Gutter & Sidewalk	<input type="checkbox"/> On-Site	
<input type="checkbox"/> Less than 5 MPH			<input type="checkbox"/> Drive Approach	<input type="checkbox"/> Off-Site	
<input checked="" type="checkbox"/> Greater than 5 MPH			<input type="checkbox"/> Other _____		

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Eros. Ctrl Plan avail. onsite.	<input checked="" type="checkbox"/>		Adequate onsite erosion & sediment controls	<input checked="" type="checkbox"/>	
B'dry ctrls(sandbags/fence) & wattles	<input checked="" type="checkbox"/>		Non-stormwater discharges contained	<u>N/A</u>	
Adequate site entrance stabilization	<input checked="" type="checkbox"/>		Drip pans under leaking vehicles &/or equip.		
Streets & flow lines free of dirt & debris	<input checked="" type="checkbox"/>		Liquid mat'ls stored properly w/spill containm't		
Conc. & Stucco washout onsite w/adequate	<input checked="" type="checkbox"/>		Building materials stored properly		
Temp. RRs located off ST. w/2nd containm't	<u>N/A</u>		Proper storage & disposal at each building pad		
Inlets & outlets protected	<u>N/A</u>		Stockpiled dirt/materials protected		

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	<u>N/A</u>		Vehicles & Equipment Storage	<u>N/A</u>	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



**SWPPP CONSTRUCTION
INSPECTION REPORT**

Case/Permit No.: ENG 13 - 00095

Inspector: R LEWIS

Date: 5-20-2013

Case/
Permit #: ENG 13 - 00095

Inspector: R. LEWIS / S. LONGORIA

Date: 5-20-2013

- Follow-up Inspection WPCP Risk Level 1
 Routine Inspection SWPPP Risk Level 2
 Risk Level 3

WDID
No.: _____
Contractor _____
Signature: _____

Time: 2:00pm

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board. To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Temporary Concrete Washouts <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



No work NO BMP's REQUIRED

CITY OF VICTORVILLE
 Engineering Department
 P.O. Box 5001
 Victorville, CA 92393
 Main 760.955.5158

**SWPPP CONSTRUCTION
 SITE INSPECTION REPORT**

MOVING SITE PROJECT

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: ENG 13-00095

Inspector: R. Lewis / S. Longoria Date: 4/22/2013

- Follow-up Inspection
 Routine Inspection
 WPCP
 SWPPP
 Risk Level 1
 Risk Level 2
 Risk Level 3

WDID No.: _____
 Contractor Signature: _____
 Time: 9:00

Permittee Contact Information:	Contractor Name: _____
	Address: _____ State: _____ Zip: _____
	Phone: _____ Fax: _____
	Contact Person: _____ Phone: _____

Weather Conditions:	<u>Visibility</u>	<u>Precipitation</u>	Construction Phase:	<input type="checkbox"/> Street	<input type="checkbox"/> LMAD
	<input type="checkbox"/> Clear <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy	<input type="checkbox"/> None <input type="checkbox"/> Misty <input type="checkbox"/> Light Rain <input type="checkbox"/> Rain <input type="checkbox"/> Heavy Rain <input type="checkbox"/> Hail <input type="checkbox"/> Snow		<input type="checkbox"/> Sewer <input type="checkbox"/> Storm Drain <input type="checkbox"/> Water <input type="checkbox"/> Dry Utilities <input type="checkbox"/> Curb, Gutter & Sidewalk <input type="checkbox"/> Drive Approach <input type="checkbox"/> Other	<input type="checkbox"/> DFAD <input type="checkbox"/> MAD <input type="checkbox"/> Landscaping <input type="checkbox"/> Tract <input type="checkbox"/> On-Site <input type="checkbox"/> Off-Site
	<u>Wind</u>				
	<input type="checkbox"/> None <input type="checkbox"/> Less than 5 MPH <input type="checkbox"/> Greater than 5 MPH				

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Erosion Control Plan available			Adequate on-site erosion & sediment		
Adequate perimeter controls			Non-stormwater discharges contained		
Adequate site entrance stabilization			Drip pans under leaking vehicles &/or		
Streets & flow lines free of dirt & debris			Liquid materials stored properly with spill		
Concrete & Stucco washout on-site with			Building materials stored properly		
Temp. restrooms properly located out of			Proper storage & disposal at each building		
Inlets & outlets protected			Stockpiled dirt/materials protected		

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage			Vehicles & Equipment Storage		
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
 Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: _____

Inspector: _____

Date: _____

Case/
Permit #: _____

Inspector: _____

Date: _____

Follow-up Inspection

WPCP

Risk Level 1

WDID

Time: _____

Routine Inspection

SWPPP

Risk Level 2

No.: _____

Contractor

Risk Level 3

Signature: _____

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 500
Victorville, CA 92395
Main 760.955.5115

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: ENG 13 - 00095

Inspector: R. LEWIS / S. LANGOLIA Date: 4/15/2013

- Follow-up Inspection
 Routine Inspection
 WPCP
 SWPPP
 Risk Level 1
 Risk Level 2
 Risk Level 3

WDID No.: _____
 Contractor Signature: _____
 Time: 8:30 AM

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE</u>		
	Address: <u>14343 CIVIC DR.</u>	State: <u>CA</u>	Zip: <u>92392</u>
	Phone: _____	Fax: _____	
	Contact Person: <u>LOUIE RODRIGUEZ</u>	Phone: <u>760-559-5907</u>	

Weather Conditions:	<u>Visibility</u>	<u>Precipitation</u>	Construction Phase:	<input type="checkbox"/> Street	<input type="checkbox"/> LMAD
	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <u>Wind</u> <input type="checkbox"/> None <input checked="" type="checkbox"/> Less than 5 MPH <input type="checkbox"/> Greater than 5 MPH	<input checked="" type="checkbox"/> None <input type="checkbox"/> Misty <input type="checkbox"/> Light Rain <input type="checkbox"/> Rain <input type="checkbox"/> Heavy Rain <input type="checkbox"/> Hail <input type="checkbox"/> Snow		<input type="checkbox"/> Sewer <input type="checkbox"/> Storm Drain <input type="checkbox"/> Water <input type="checkbox"/> Dry Utilities <input checked="" type="checkbox"/> Curb, Gutter & Sidewalk <input type="checkbox"/> Drive Approach <input type="checkbox"/> Other _____	<input type="checkbox"/> DFAD <input type="checkbox"/> MAD <input type="checkbox"/> Landscaping <input type="checkbox"/> Tract <input type="checkbox"/> On-Site <input type="checkbox"/> Off-Site

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Erosion Control Plan available		X	Adequate on-site erosion & sediment	X	
Adequate perimeter controls		X	Non-stormwater discharges contained	X	
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or	N/A	
Streets & flow lines free of dirt & debris		X	Liquid materials stored properly with spill		
Concrete & Stucco washout on-site with		X	Building materials stored properly		
Temp. restrooms properly located out of	N/A		Proper storage & disposal at each building		
Inlets & outlets protected	N/A		Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION
INSPECTION REPORT

Case/Permit No.: _____

Inspector: R. LEWIS

Date: 4/11/2013

Case/
Permit #: ENG 13 - 00095

Inspector: R. LEWIS / S. LONGORIA

Date: 4/11/2013

- Follow-up Inspection
- WPCP
- Risk Level 1
- Routine Inspection
- SWPPP
- Risk Level 2
- Risk Level 3

WDID
No.: _____
Contractor
Signature: _____

Time: 8:30 am

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board. To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 500
Victorville, CA 92399
Main 760.955.5151

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: ENG 13 - 00095 Inspector: R. LEWIS / S. LANGORIA Date: 4/11/2013
 Follow-up Inspection WPCP Risk Level 1 WDID No.: _____
 Routine Inspection SWPPP Risk Level 2 Contractor _____ Time: 8:30 AM
 Risk Level 3 Signature: _____

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE</u>		
	Address: <u>14343 CIVIC DR.</u>	State: <u>CA</u>	Zip: <u>92392</u>
	Phone: _____	Fax: _____	
	Contact Person: <u>LOUIE RODRIGUEZ</u>	Phone: <u>760 - 559 - 5907</u>	

Weather Conditions:	<u>Visibility</u>	<u>Precipitation</u>	Construction Phase:	<input type="checkbox"/> Street	<input type="checkbox"/> LMAD
	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <div style="text-align: center;"><u>Wind</u></div> <input type="checkbox"/> None <input checked="" type="checkbox"/> Less than 5 MPH <input type="checkbox"/> Greater than 5 MPH	<input checked="" type="checkbox"/> None <input type="checkbox"/> Misty <input type="checkbox"/> Light Rain <input type="checkbox"/> Rain <input type="checkbox"/> Heavy Rain <input type="checkbox"/> Hail <input type="checkbox"/> Snow		<input type="checkbox"/> Sewer <input type="checkbox"/> Storm Drain <input type="checkbox"/> Water <input type="checkbox"/> Dry Utilities <input checked="" type="checkbox"/> Curb, Gutter & Sidewalk <input type="checkbox"/> Drive Approach <input type="checkbox"/> Other	<input type="checkbox"/> DFAD <input type="checkbox"/> MAD <input type="checkbox"/> Landscaping <input type="checkbox"/> Tract <input type="checkbox"/> On-Site <input type="checkbox"/> Off-Site

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Erosion Control Plan available		X	Adequate on-site erosion & sediment	X	
Adequate perimeter controls		X	Non-stormwater discharges contained	X	
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or	N/A	
Streets & flow lines free of dirt & debris		X	Liquid materials stored properly with spill		
Concrete & Stucco washout on-site with		X	Building materials stored properly		
Temp. restrooms properly located out of	N/A		Proper storage & disposal at each building		
Inlets & outlets protected	N/A		Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: _____

Inspector: R. LEWIS

Date: 4/11/2013

Case/
Permit #: ENG 13 - 00095

Inspector: R. LEWIS / S. LONGORIA

Date: 4/11/2013

- Follow-up Inspection
- WPCP
- Risk Level 1
- Routine Inspection
- SWPPP
- Risk Level 2
- Risk Level 3

WDID
No.: _____
Contractor
Signature: _____

Time: 8:30 am

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.
To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 5001
Victorville, CA 92393
Main 760.955.5158

(THIS FORM IS FOR PROJECTS LESS THAN ONE-ACRE.)

Case/ Permit #: ENG 13-00095 Inspector: R. LEWIS / S. LANGORIA Date: 4-4-2013

Follow-up Inspection WPCP Risk Level 1
 Routine Inspection SWPPP Risk Level 2
 Risk Level 3

WDID No.: _____ Contractor Signature: _____

Time: 8:00 AM

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE - PUBLIC WORKS</u>		
	Address: <u>14343 CIVIC DR</u>		State: <u>CA</u> Zip: <u>92392</u>
	Phone: _____		Fax: _____
	Contact Person: <u>LOUIE RODRIGUEZ</u>		Phone: <u>760-559-5907</u>

Weather Conditions:	Visibility	Precipitation	Construction Phase:	Street	LMAD
	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <hr/> <input checked="" type="checkbox"/> None <input type="checkbox"/> Less than 5 MPH <input type="checkbox"/> Greater than 5 MPH	<input checked="" type="checkbox"/> None <input type="checkbox"/> Misty <input type="checkbox"/> Light Rain <input type="checkbox"/> Rain <input type="checkbox"/> Heavy Rain <input type="checkbox"/> Hail <input type="checkbox"/> Snow		<input type="checkbox"/> Sewer <input type="checkbox"/> Storm Drain <input type="checkbox"/> Water <input type="checkbox"/> Dry Utilities <input checked="" type="checkbox"/> Curb, Gutter & Sidewalk <input type="checkbox"/> Drive Approach <input type="checkbox"/> Other _____	<input type="checkbox"/> DFAD <input type="checkbox"/> MAD <input type="checkbox"/> Landscaping <input type="checkbox"/> Tract <input type="checkbox"/> On-Site <input type="checkbox"/> Off-Site

Conditions Observed	Yes	No	Conditions Observed	Yes	No
SWPPP & Eros. Ctrl Plan avail. onsite.		X	Adequate onsite erosion & sediment controls	X	
B'dry ctrls(sandbags/fence) & wattles		X	Non-stormwater discharges contained	X	
Adequate site entrance stabilization	X		Drip pans under leaking vehicles &/or equip.	N/A	
Streets & flow lines free of dirt & debris		X	Liquid maffs stored properly w/spill containm't	N/A	
Conc. & Stucco washout onsite w/adequate		X	Building materials stored properly	N/A	
Temp. RRs located off ST. w/2nd containm't	N/A		Proper storage & disposal at each building pad	N/A	
Inlets & outlets protected	N/A		Stockpiled dirt/materials protected	X	

BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today	BMP's Requiring Daily Inspection	SWPPP req'd BMP	Activity I.P. Today
Hazardous Materials & Waste Storage	N/A		Vehicles & Equipment Storage	N/A	
Hazardous Waste Generated within last 24-hrs? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Fueling		
Hazardous Waste Inventory Updated? <input type="checkbox"/> Yes <input type="checkbox"/> No			Vehicles & Equipment Maintenance		
Hazardous Waste Transportation & Disposal			Vehicles & Equipment Cleaning		
Hazardous Materials Delivery			Dewatering		
Tracking Controls			Pile Driving		
Waste Management			Materials & Equipment Use over Water		
Temporary Concrete Washout			Structures Demolition/Removal Over or		
			Active Treatment System		

BMP's for activities shown as non-active require weekly inspection.
Is a weekly inspection being performed today? Yes No



**SWPPP CONSTRUCTION
INSPECTION REPORT**

Case/Permit No.: _____

Inspector: _____

Date: _____

Case/ Permit #: ENG 13 - 00095

Inspector: _____

Date: 4-4-13

- | | | |
|--|--------------------------------|---------------------------------------|
| <input type="checkbox"/> Follow-up Inspection | <input type="checkbox"/> WPCP | <input type="checkbox"/> Risk Level 1 |
| <input checked="" type="checkbox"/> Routine Inspection | <input type="checkbox"/> SWPPP | <input type="checkbox"/> Risk Level 2 |
| | | <input type="checkbox"/> Risk Level 3 |

WDID

No.: _____

Contractor

Signature: _____

Time: _____

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CONCRETE WASHOUT NOW IN PLACE
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: _____

Inspector: _____

Date: _____

Case/
Permit #: ENG 13 - 00095

Inspector: _____

Date: 4-4-13

Follow-up Inspection

WPCP

Risk Level 1

WDID

No.: _____

Time: _____

Routine Inspection

SWPPP

Risk Level 2

Contractor

Signature: _____

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board.

To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CONCRETE WASHOUT NOW IN PLACE
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



SWPPP CONSTRUCTION INSPECTION REPORT

Case/Permit No.: _____

Inspector: R. Lewis / S. Vengalja

Date: 3/26/13

Case/
Permit #: _____

Inspector: R. Lewis / S. Vengalja

Date: 3/26/13

- Follow-up Inspection
- Routine Inspection
- WPCP
- SWPPP
- Risk Level 1
- Risk Level 2
- Risk Level 3

WDID
No.: _____
Contractor
Signature: _____

Time: 8:00 AM

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board. To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Activity	Observations & Comments
Hazardous Materials & Waste Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Storage Inventory <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Materials Delivery & Storage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous Waste Disposal & Transportation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tracking Controls Access Roads <input type="checkbox"/> Yes <input type="checkbox"/> No	
Waste Management <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temporary Concrete Washouts <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>WILL NEED TEMP. CONC WASHOUT PER JOB AREA & MUST PROTECT DISPOSE</u>
Vehicle & Equipment Storage Areas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Fueling <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Equipment Maintenance <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Vehicle & Maintenance Cleaning <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dewatering <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pile Driving <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Material & Equipment Use Over Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Structure Demolition or Removal Over or Adjacent to Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Active Treatment System <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

SWPPP CONSTRUCTION INSPECTION REPORT



Case/ Permit #: _____ Inspector: R. LEWIS / S. LONGORIA

- Follow-up Inspection
 Project Less 1-Acre
 Risk Level I
 WDID No.: _____
 Routine Inspection
 Project Larger 1-Acre
 LUP I
 Contractor Signature: _____

Date: 3/26/2013
Time: 8:35 AM

Permittee Contact Information:	Contractor Name: <u>CITY OF VICTORVILLE - PUBLIC WORKS</u> Address: <u>14343 CIVIC DR</u> State: <u>CA.</u> Zip: <u>92392</u> Phone: _____ Fax: _____ Contact Person: <u>LOUIE RODRIGUEZ</u> Phone: <u>760-559-5907</u>
---------------------------------------	--

Item #	Description of Conditions Observed	Yes	No
1)	SWPPP & Erosion Control Plan available on-site.	X	
2)	Adequate perimeter controls (sandbags/silt fence) & rice straw wattles	X	
3)	Adequate site entrance stabilization	X	
4)	Streets & flow lines free of dirt & debris	X	
5)	Concrete & Stucco washout on-site with adequate capacity		X
6)	Temp. restrooms properly located out of street & w/ secondary containment		N/A
7)	Inlets & outlets protected	N/A	N/A
8)	Adequate on-site erosion & sediment controls	X	
9)	Non-stormwater discharges contained	X	
10)	Drip pans under leaking vehicles &/or equipment	N/A	N/A
11)	Liquid materials stored properly with spill containment	N/A	
12)	Building materials stored properly	N/A	
13)	Proper storage & disposal at each building pad	N/A	
14)	Stockpiled dirt/materials protected	X	

The Permittee is hereby notified that the continuance of the conditions must be maintained. Any conditions negatively observed will result in additional enforcement actions and fines in accordance with the Regional Water Quality Control Board. To avoid further enforcement actions and fines, the following corrective actions identified below are required.

Item No.	Corrective Action Required (Description)	Date Correction Required By



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Department
P.O. Box 100
Victorville, CA 92389
Main 760.941.1111

THIS FORM IS REQUIRED FOR ALL PROJECTS AND MUST BE PICKED UP WITH YOUR PERMIT

Case/ Permit #: _____

Inspector: R. Lewis

Date: 11-26-2013

Follow-up Inspection

WPCP

Risk Level 1

WDID

Routine Inspection

SWPPP
 Erosion Contr. Plan

Waiver

No.:

Contractor

Signature: _____

Time: 8:00 AM

Permittee Contact Information:

Contractor Name: ARIZONA PIPELINE

Address: 1745 SAMPSON AVE

State: CA

Zip: 92379

Phone: 760-244-8212

Fax: _____

Contact Person: _____

Phone: _____

Site Info.

Acres Total Project Area _____

Acres Total Project Disturbed Soil Area _____

Construction Phase:

- Street
- Sewer
- Storm Drain
- Water
- Dry Utilities
- Curb, Gutter & Sidewalk
- Drive Approach
- Other
- LMAD
- DFAD
- MAD
- Landscaping
- Tract
- On-Site
- Off-Site

Describe Work

INSTALLING NEW 6" GAS MAIN

INSPECTION

Initial Inspection

STORM INFORMATION

BMP Plan Submitted

Yes/No

Was the BMP Plan Implemented with the Schedule?

Yes/No

Storm Event

Time of Storm

Time _____

Date _____

Precipitation Amount

Pre Storm BMP Plan Submitted?

Yes/No

Pre Storm BMP Plan Implemented?

Yes/No

Post Storm Event

Was the BMPs Implemented to Plan?

Yes/No

Was the BMPs Adequate for the Storm Event?

Yes/No

Final Inspection

Were the BMP Maintained During the Entire Project?

Yes/No

Final Stabilization Method

70% Cover Method

Paved Surface

Note: Contractor is responsible to complete this form and submit to Engineering prior to getting a Final Approval.

Approved By: _____

[Signature]
Inspector's Signature



SWPPP CONSTRUCTION SITE INSPECTION REPORT

CITY OF VICTORVILLE
Engineering Dept.
P.O. Box 100
Victorville, CA 92392
Main 760.951.1000

THIS FORM IS REQUIRED FOR ALL PROJECTS AND MUST BE PICKED UP WITH YOUR PERMIT

Case/ Permit #: _____

Inspector: R. LEWIS

Date: 11-26-2013

Follow-up Inspection

WPCP
 SWPPP
 Erosion Contr. Plan

Risk Level _____
 Waiver _____

WDID No.: _____

Routine Inspection

Contractor Signature: _____

Time: 08:00

Permittee Contact Information:	Contractor Name: <u>ARIZONA PIPELINE</u> Address: <u>1745 SAMPTON AVE CORONA</u> State: <u>CA</u> Zip: <u>92879</u> Phone: <u>760-244-8212</u> Fax: _____ Contact Person: _____ Phone: <u>760-244-8212</u>
--------------------------------	---

Site Info.	Acres Total Project Area _____ Acres Total Project Disturbed Soil Area _____
------------	---

Construction Phase:	<input type="checkbox"/> Street <input type="checkbox"/> Sewer <input type="checkbox"/> Storm Drain <input type="checkbox"/> Water <input checked="" type="checkbox"/> Dry Utilities <input type="checkbox"/> Curb, Gutter & Sidewalk <input type="checkbox"/> Drive Approach <input type="checkbox"/> Other	<input type="checkbox"/> LMAD <input type="checkbox"/> DFAD <input type="checkbox"/> MAD <input type="checkbox"/> Landscaping <input type="checkbox"/> Tract <input type="checkbox"/> On-Site <input type="checkbox"/> Off-Site	Describe Work <u>6" GAS MAIN</u>
---------------------	---	---	---

INSPECTION	STORM INFORMATION	
<input type="checkbox"/> Initial Inspection	BMP Plan Submitted Yes/No _____	Was the BMP Plan Implemented with the Schedule? Yes/No _____
<input checked="" type="checkbox"/> Storm Event	Time of Storm <u>ALL DAY</u> Time <u>11-26-2013</u> Date	Precipitation Amount Pre Storm BMP Plan Submitted? <u>Yes/No</u> Pre Storm BMP Plan Implemented? <u>Yes/No</u>
<input checked="" type="checkbox"/> Post Storm Event	Were the BMPs Implemented to Plan? <u>Yes/No</u>	Were the BMPs Adequate for the Storm Event? <u>Yes/No</u>
<input type="checkbox"/> Final Inspection	Were the BMP Maintained During the Entire Project? Yes/No _____	Final Stabilization Method 70% Cover Method Paved Surface

Note: Contractor is responsible to complete this form and submit to Engineering prior to getting a Final Approval.

Approved By: _____

Inspector's Signature

PARCEL NUMBER	Column 1	PERMIT NUMBER	PERMIT TYPE	PERMIT SUBTYPE	PERMIT DESCRIPTION	DISTRICT
0463141060000		42 B201300367	BS_C/I	GRADING	Commercial/Industrial	1
0433061290000		16 B201203466	BS_C/I	GRADING	Commercial/Industrial	1
0439281350000		13 B201206768	BS_C/I	GRADING	Commercial/Industrial	1
0463141080000		12 B201205809	BS_C/I	GRADING	Commercial/Industrial	1
0438271270000		8 B201204172	BS_RES	GRADING	Residential	1
0438271290000		8 B201206950	BS_RES	GRADING	Residential	1
0437182060000		7 B201306839	BS_C/I	GRADING	Commercial/Industrial	1
0439081850000		7 B201303540	BS_C/I	GRADING	Commercial/Industrial	1
0463141120000		7 B201205809	BS_C/I	GRADING	Commercial/Industrial	1
0433203390000		6 B201204982	BS_RES	GRADING	Residential	1
0436223050000		6 B201302528	BS_RES	GRADING	Residential	1
0437064630000		6 B201306507	BS_RES	GRADING	Residential	1
0435282030000		5 B201303316	BS_RES	GRADING	Residential	1
0433171840000		4 B201300171	BS_RES	GRADING	Residential	1
0438104460000		4 B201308756	BS_RES	GRAD/EC	Residential	0
0438104460000		4 B201308757	BS_RES	GRADING	Residential	1
3080161450000		4 B201306871	BS_RES	GRAD/EC	Residential	0
3080161450000		4 B201306873	BS_RES	GRADING	Residential	1
0436244160000		3 B201303963	BS_RES	GRADING	Residential	1
0437292150000		3 B201306986	BS_RES	GRADING	Residential	1
0437553220000		3 B201304556	BS_RES	GRADING	Residential	1
0438261530000		3 B201306324	BS_RES	GRADING	Residential	1
0357241060000		19 B201307891	BS_RES	GRADING	Residential	1
0357122360000		8 B200310967	BS_RES	GRAD/EC	Residential	1
0357441070000		7 B201301355	BS_RES	GRADING	Residential	1
3039181180000		7 B200305290	BS_RES	GRAD/EC	Residential	1
3039281170000		7 B201300219	BS_RES	GRADING	Residential	1
0357681080000		4 B201300030	BS_RES	GRADING	Residential	1
0357058450000		3 B201304695	BS_RES	GRADING	Residential	1
0357541050000		3 B201302455	BS_RES	GRADING	Residential	1
0357681120000		3 B201306484	BS_RES	GRADING	Residential	1

PARCEL NUMBER	Column 1	PERMIT NUMBER	PERMIT TYPE	PERMIT SUBTYPE	PERMIT DESCRIPTION	DISTRICT
3039021270000		3 B201304046	BS_RES	GRADING	Residential	1
3039141310000		3 B201201969	BS_RES	GRADING	Residential	1
3039141420000		3 B201401254	BS_RES	GRADING	Residential	1
0396023110000		6 B201303764	BS_C/I	GRADING	Commercial/Industrial	1
3105151060000		6 B200302676	BS_RES	GRAD/EC	Residential	1
0396054160000		5 B201200668	BS_C/I	GRADING	Commercial/Industrial	1
0482033080000		9 B201203039	BS_C/I	GRADING	Commercial/Industrial	1

PARCEL NUMBER	ADDRESS	CITY	PERMIT DATE
0463141060000	25220 BLACK MOUNTAIN QUARRY RD	APPLE VALLEY	1/16/2013
0433061290000	7620 DEEP CREEK RD	APPLE VALLEY	5/18/2012
0439281350000	23450 ESAWS RD	APPLE VALLEY	9/14/2012
0463141080000	25121 QUARRY RD	APPLE VALLEY	8/9/2012
0438271270000	9382 BUCKBUSH RD	APPLE VALLEY	6/13/2012
0438271290000	22140 ROUNDUP WY	APPLE VALLEY	9/20/2012
0437182060000	23545 VALLEY CREST TER	APPLE VALLEY	8/30/2013
0439081850000	23755 POWHATAN RD	APPLE VALLEY	5/15/2013
0463141120000	25121 QUARRY RD	APPLE VALLEY	8/9/2012
0433203390000	19520 RYELAND RD	APPLE VALLEY	7/11/2012
0436223050000	15626 SHERRI LN	APPLE VALLEY	4/15/2013
0437064630000	14659 OLEMA RD	APPLE VALLEY	8/20/2013
0435282030000	25980 LARAMIE ST	APPLE VALLEY	5/8/2013
0433171840000	20077 HAPPY VALLEY RD	APPLE VALLEY	1/8/2013
0438104460000	9414 MONTE VISTA ST	APPLE VALLEY	10/30/2013
0438104460000	9414 MONTE VISTA ST	APPLE VALLEY	10/30/2013
3080161450000	10647 CENTRAL RD	APPLE VALLEY	9/3/2013
3080161450000	10647 CENTRAL RD	APPLE VALLEY	9/3/2013
0436244160000	15245 LAGUNA SECA DRIVE	APPLE VALLEY	5/30/2013
0437292150000	23444 TAOS RD	APPLE VALLEY	9/5/2013
0437553220000	16549 MOCCASIN RD	APPLE VALLEY	6/17/2013
0438261530000	9189 BUENA VISTA RD	APPLE VALLEY	8/14/2013
0357241060000	16920 HWY 173	HESPERIA	10/3/2013
0357122360000	11686 HWY 138	HESPERIA	10/9/2003
0357441070000	13695 FARMINGTON ST	OAK HILLS	3/1/2013
3039181180000	10004 RANCHERO RD	OAK HILLS	5/29/2003
3039281170000	7659 COLERIDGE RD	OAK HILLS	1/9/2013
0357681080000	10055 RANCHERO RD	OAK HILLS	1/2/2013
0357058450000	6031 CORIANDER RD	OAK HILLS	6/20/2013
0357541050000	11825 WHITEHAVEN ST	OAK HILLS	4/10/2013
0357681120000	7160 BRACEO ST	OAK HILLS	8/20/2013

PARCEL NUMBER	ADDRESS	CITY	PERMIT DATE
3039021270000	10020 CEDAR ST	OAK HILLS	6/3/2013
3039141310000	8145 HEARTLAND CIR	OAK HILLS	3/26/2012
3039141420000	8116 HEARTLAND CIR	OAK HILLS	2/19/2014
0396023110000	14830 BONANZA RD	VICTORVILLE	5/23/2013
3105151060000	13557 BEGONIA RD	VICTORVILLE	3/19/2003
0396054160000	14910 BONANZA RD	VICTORVILLE	1/30/2012
0482033080000	0 HUERTA RD	VICTORVILLE	5/4/2012

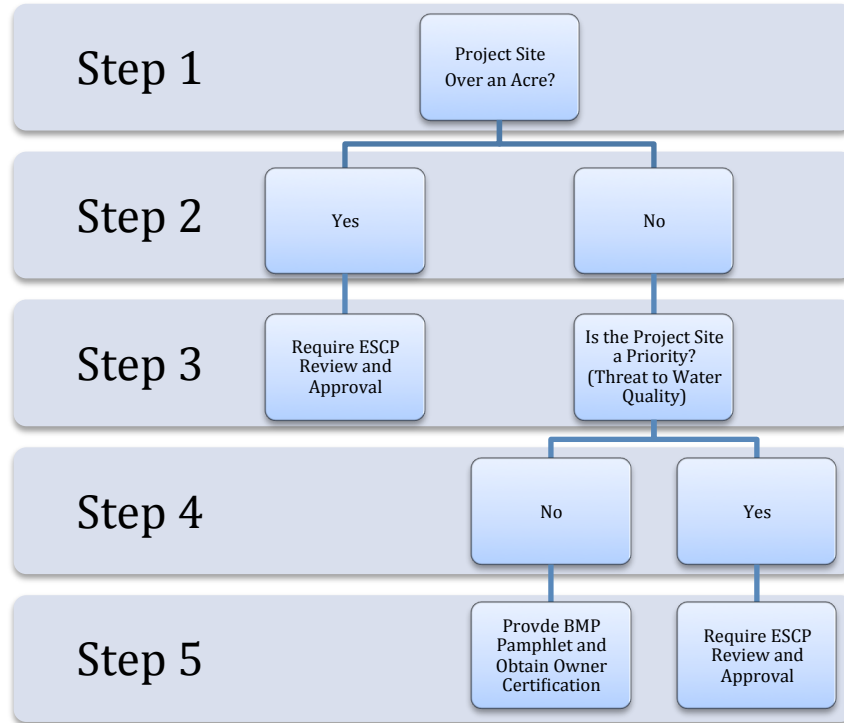
Appendix E

Construction Plan Review and Approval Procedures

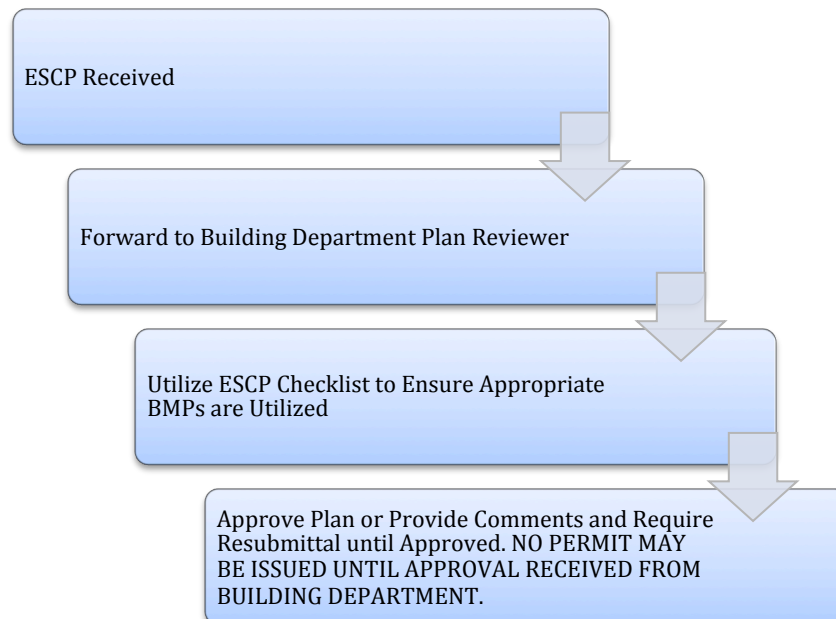


Town of Apple Valley Construction Plan Review and Approval Procedure

Procedure Upon Receipt of Grading or Building Application



Erosion and Sediment Control Plan Review and Approval Procedure



City of Hesperia

Plan Checking Checklist

GENERAL:

All plans for each project must be combined into one set of drawings (i.e.: one cover sheet followed by the note sheet and then grading plans, street plans, sewer plans, etc. – do not add a cover sheet to each individual type of drawings in the set.) All detail drawings must be grouped together and attached at the “rear” of the plan set. (See the cover sheet & notes sheet checklist for further details.) City Standard Details are not to be altered.

All plans shall be 24”x36” (sticky backs not acceptable.)

All mylars are to be printed on front side.

All notes and dimensions shall be able to be read from the bottom or the right side of the sheet.

All plans shall be drawn to an acceptable engineering scale with the scale clearly shown on each sheet.

Show all improvements drawn with a solid line type. (All existing improvements shall be drawn with a dashed line type. All future improvements, and improvements shown on other sheets within the plan set, shall be drawn with a phantom line type).

The private Engineer/Developer is responsible for the coordination and approval of all City, County, State, or other agencies whose authorization and/or approval is required.

All Details shall be per City Standard Details and Standard Plans for Public Works Construction (SPPWC) “Greenbook”.

ALL SHEETS:

EACH SHEET MUST INCLUDE THE FOLLOWING ACROSS THE BOTTOM OF THE SHEET:

- Signature Block showing the following: Preparing Engineer’s Name, Logo, Address, Phone Number, Date, License Number, and Expiration Date.
- Current Seal of the Preparing Engineer.
- Underground Service Alert Phone Number.
- Revision Block.
- City of Hesperia Engineering Department Title Block.
- Title Block. (Include type of construction (i.e.: Cover Sheet, Sewer Plan, Erosion Control Plan, etc.), Tract Number or A.P.N. and Limits of Construction including Stationing.)
- Block for Sheet Number & Total Number of Sheets and Project Number.
- Project Benchmark.

Cover Sheet & Note Sheets Checklist

COVER SHEET:

(See Title Block Example T-1.pdf)

THE PLAN SET COVER SHEET MUST INCLUDE THE FOLLOWING:

- Vicinity Map with Job Location.
- Title and/or Heading, APN and project name (centered at the top of the sheet).
- Legend, Key to Symbols, Abbreviations (to include all symbols and abbreviations used on all drawings).
- Index Map showing job limits (with sheet parameters) include Tract Numbers or A.P.N's for all adjoining tracts (applies to tracts).
- North Arrow and Scale (1"=40'). The plans shall be oriented so that the direction of the North Arrow is either up or to the right of sheet.
- Project Bench Mark (An approved and properly identified City of Hesperia Bench Mark with the elevation noted).
- Basis of Bearings.
- Sheet Index.
- Projects full Legal Description. APN is not acceptable as a full legal description.
- Owners name, address and telephone number (include contact name, address and telephone number of owners representative, if other than owner).
- Engineer's Declaration.
- Underground Service Alert Phone Number.

NOTE SHEET:

(All general notes are provided in the City Development Standards.)

THE NOTE SHEET(S) MUST INCLUDE THE FOLLOWING:

- City of Hesperia General Construction Notes.
- Plan Specific Construction Notes (i.e.: Grading Notes, Sewer Notes, Water Notes, etc.) for each type of plan included in the set.
- Any other notes the Engineer deems applicable to the project.
- Estimate of material quantities (optional).
- Estimate of earthwork quantities (cut, fill, over excavation, shrinkage, etc.).

Rough Grading Plan Checklist

GRADING PLANS:

A final hydrology study (if required) shall be based on the San Bernardino County method of calculations for 100 year storms, including on-site and off-site runoff (assuming ultimate upstream development) paying special attention to concentrated flows onto and off of the property. The report must also include the estimated retention basin sizing in cubic feet. The hydrology study must be wet stamped and signed by a registered Professional Engineer in the State of California and submitted to the City along with the plans.

A soils report including all specific recommendations of the Soils Engineer shall be submitted with the plans. The soils report must be wet stamped and signed by a registered Professional Engineer in the State of California.

All NPDES requirements shall be met prior to grading permit issuance.

PLAN SHEETS:

- North Arrow and Scale (1"=40'). The plans shall be oriented so that the direction of the North Arrow is either up or to the right of sheet.
- All grades for soft areas (i.e.: "FG's", etc.), shall be to the tenth (0.1').
- All grades for hard areas (i.e.: "TC's & FL's", etc.), shall be to the hundredth (0.01').
- The maximum grade for all slopes shall be 2:1. (Show slopes and include slope symbols to indicate top and toe.)
- The maximum slope for all driveways shall be 12%.
- The minimum slope for all graded areas shall be 1% - no exceptions.
- The minimum slope for all PCC areas shall be 0.5% minimum - no exceptions.
- The minimum slope for all AC Paved areas shall be 1% - no exceptions.
- All lots shall be graded at 2% away from the foundation - no exceptions.
- Provide Slope Easement(s) from any and all adjacent property owners where your grading operations will encroach onto the adjacent property.
- Provide Construction Notes applicable to each sheet.
- Label Project Boundaries including Bearings and Dimensions.
- Identify the location of any Joshua Tree(s) that will require relocation.
- Show the complete design for the Retention Basin(s) in accordance with the Retention Basin Checklist and Retention Basin Design Notes.
- Provide all Retention Basin Cross Section Drawings in accordance with the Retention Basin Checklist and Retention Basin Design Notes.
- Provide cross sections, and show section call outs on the drawings, for all "TYP" lot sections for adjoining lots, rear yards to adjoining lots, rear yards to off site grades. All cross sections must comply with City Standard G-3 (as required).
- Add City Standard G-3 to the Grading Details Sheet (as required).
- Show Topo Lines on all drawings with elevations at one foot contour interval.

- Show the Daylight Line with all areas of “Cut & Fill” clearly labeled.
- Show the Lot Numbers or APNs for all lots.
- Show the dimensions and bearings on all lot lines.
- Show a Finished Grade (FG) elevation at one rear corner and one front corner on each lot.
- Show the High Point elevation (HP) and Pad Elevation (PE) on each lot. (NOTE: The “PE” must be 0.30’ higher than the “HP”.)
- Show approved Street Names for all streets shown on the drawing.
- Show all existing elevations in parentheses.
- Show Center Line Stationing at all street intersections.
- Show Flow Direction Arrows for all sheet flows.
- Be sure that all elevations shown on the Grading Plans match the elevations shown on the Street Plans.
- Show all existing and/or proposed Right of Way(s) and Easements.
- Show all existing utilities.
- Verify Elevations on all streets which join into neighboring tracts.
- Show “TC & FL” elevations at each lot line extension.
- Show “TC & FL” elevations at each side property line extension.
- Show Top of Curb (TC) and Flow Line (FL) elevations at all Curb Returns, at the beginning and end of all Horizontal Curves, High Points, Grade Breaks, Beginning of Construction, End of Construction, Tapers, and at any other location deemed necessary by the designing Engineer.
- Show the Existing Grade (EG) at each lot line extension off site.
- Show “FL” elevations at three places on all Cross Gutters.
- Add “Block Wall Note” (as required).
- Show the location of all masonry (Garden and Retaining) walls. Show the Top of Wall (TW) and Top of Footing (TF) elevation at all wall corners and at each location where you will have a grade change.
- Show clearly marked Match Lines including Continuation Street Names, Sheet Numbers, and Stationing.
- At all match lines show “TC, FL, FS, FG, TW & TF” elevations as necessary.

Precise Grading Plan Checklist

PLAN SHEETS:

- North Arrow and Scale (1"=40'). The plans shall be oriented so that the direction of the North Arrow is either up or to the right of sheet.
- All grades shown on the drawings for soft areas (i.e.: "FG's", etc.), shall be to the tenth (0.1').
- All grades shown on the drawings for hard areas (i.e.: "TC's & FL's", etc.), shall be to the hundredth (0.01').
- The maximum grade for all graded slopes shall be 2:1. (Show slopes; include slope direction symbols to indicate top and toe.)
- The maximum slope for all driveways shall be 12%.
- The minimum slope for all Concrete Paved areas (i.e.: driveways, parking lots, etc.), shall be 1.0% minimum (Concrete Paved Flow Lines may be at .05% minimum) - no exceptions.
- The minimum slope for all AC Paved (on-site) areas shall be 1.5% - no exceptions.
- All lots shall be graded at 2% minimum (5% maximum), away from building foundations for a distance of 6' - no exceptions.
- All other graded areas (other than within 6' of a foundation as noted above), shall have a 1% minimum slope - no exceptions.
- Provide Slope Easement(s) from any and all adjacent property owners where your grading operations will encroach onto the adjacent property.
- Provide Construction Notes applicable to each sheet.
- Show all improvements drawn with a solid line type. (All existing improvements shall be drawn with a dashed line type. All future improvements, and improvements shown on other sheets within the plan set, shall be drawn with a phantom line).
- Provide cross sections, and show section call outs on the drawings, for all "TYP" lot sections for adjoining lots, rear yards to adjoining lots, and rear yards to off site grades. All cross sections must comply with City Standard G-3 (as required).
- Add City Standard G-3 to the Precise Grading Details Sheet.
- Show all swale lines (including slope percentages), around all buildings. (**NOTE:** On any side yard that is less than 10' in width, you will be required to install yard drain lines and 9"x9" Catch Basins per the City of Hesperia Standard G-3, as required, including through curb drains per City of Hesperia Standard ST-5.)
- Add City Standard ST-5 to the Precise Grading Details Sheet (if needed).
- Show the invert elevation of all through curb drains at the curb line.
- Show Topo Lines on all drawings with elevations at one foot contour interval.
- Show the Lot Numbers or APNs for all lots.
- Show the dimensions on all lot lines.
- Show a Finished Grade (FG) elevation at all lot corners. (Show only one elevation at common lot lines.)
- Show the building footprint and the "FG" elevations at all building corners.
- Show the building set-back dimensions from all Right of Way(s) and lot lines.

- Show the High Point (HP) and Pad Elevation (PE) on each lot. (**NOTE:** The “PE” must be 0.30’ higher than the “HP”.)
- Show the Finished Floor (FF) elevations for all buildings, including the “FF” elevation for the garage floors.
- Show any and all deepened footings on all buildings.
- Show approved Street Names for all streets shown on the drawing.
- Show all future elevations in parentheses.
- Show Flow Direction Arrows for all sheet flows.
- Show Grade Percentages for all centerlines on all streets.
- Be sure that all elevations shown on the Precise Grading Plans match the elevations shown on the Street Plans and Rough Grading Plans.
- Show all existing and/or proposed Right of Way(s) and Easements.
- Show all existing utilities.
- Show and identify any underground construction that may conflict with the proposed grading. Show the exact location, stationing, dimensions and dimensions to an established point (i.e.: Center Line, etc.).
- Show the location of all Storm Drains, Catch Basins, Box Culverts, Parkway Drains and other Drainage Structures (use hidden lines to indicate the location of any structure beneath the roadway surface).
- Show all existing structures within the Right of Way(s) (i.e.: Fences, Mailboxes, Trees, Power Poles, Edison Vaults, Valve Covers, Manholes, etc.).
- Show “TC & FL” elevations at each lot line extension.
- Show “TC & FL” elevations at each side property line extension.
- Show Top of Curb (TC) and Flow Line (FL) elevations at all Curb Returns, at the beginning and end of all Horizontal Curves, High Points, Grade Breaks, Beginning of Construction, End of Construction, Tapers, and at any other location deemed necessary by the designing engineer.
- Show the Existing Grade (EG) on the “off site” side of all walls at each lot line.
- Add “Block Wall Note” (as required).
- Show the location of all masonry (Garden and Retaining) walls. Show the Top of Wall (TW) and Top of Footing (TF) elevation at all wall corners and at each location where you will have a grade change or change in wall height.
- Show clearly marked Match Lines including Continuation Street Names, Sheet Numbers, and Stationing.
- At all match lines show all “TC, FL, FS, FG, TW & TF” elevations as necessary.
- Show the location of all Street Lights and Fire Hydrants.

Street Plan Checklist

STREET PLANS:

All applicable streets shall be designed beyond the project boundaries to a distance specified in the project conditions (i.e.: 300'). The design must be a complete design including curb design for both sides of the street.

For projects requiring you to tie into any existing paved street, provide a separate set of street cross sections at 50' minimum intervals to show how you will tie into the existing pavement. This will be for plan checking purposes only.

All street improvement plans shall refer to City of Hesperia standard details. In the absence of an appropriate City standard, Standard Plans for Public Works Construction (SPPWC) shall be utilized. (Note that the City utilizes a 24" wide gutter on all its curb and gutter.)

PLAN SHEETS:

- North Arrow and Scale (1"=40'). The plans shall be oriented so that the direction of the North Arrow is either up or to the right of sheet.
- Provide Construction Notes applicable to each sheet.
- Show Topo Lines on all drawings with elevations at one foot contour interval.
- Show the Lot Numbers or APNs for all lots.
- Show approved Street Names for all streets shown on the drawing.
- Show the proposed pavement area as lightly shaded.
- Show all existing elevations in parentheses.
- Show Center Line Stationing at all street intersections.
- Show Stationing at all Curb Returns, and at the beginning and end of all curves.
- Show Major Stationing along the Street Center Line to match the Profile Drawing. (Negative stationing is not allowed.)
- Show all improvements drawn with a solid line type. (All existing improvements shall be drawn with a dashed line type. All future improvements, and improvements shown on other sheets within the plan set, shall be drawn with a phantom line.)
- Be sure that all elevations shown on the Street Plans match the elevations shown on the Grading Plans.
- Show all existing and/or proposed Right of Way(s) and Easements.
- Show street dimensions. Include the Right of Way dimension, Curb Face to Curb Face dimension and the Street Center Line to Curb Face dimension for all streets.
- Show all existing utilities.
- Show Bearings and Distances on all street center lines. (NOTE: Verify the Bearings and Elevations for all streets which join into neighboring tracts.)
- Provide a Curve Table showing the Radius, Length, Delta and Tangent for all curves shown on the drawing.

- Label all curves.
- Show the Top of Curb and Flow Line elevations at all Curb Returns, and at the beginning and end of all horizontal curves, and at any other location deemed necessary by the Engineer.
- Show a “Double Crown Line” on all knuckles per City Detail.
- Show the Finished Surface Elevation at all Street Intersection Center Lines, Match Lines, Pavement Transitions or wherever necessary to show variations in standard sections.
- Show the Cross Gutter Flow Line Elevations at the center of the Cross Gutter and at each flow line intersection.
- Show clearly marked Match Lines including Continuation Street Names, Sheet Numbers, and Stationing.
- Show the location of all Storm Drains, Catch Basins, Box Culverts, Parkway Drains and other Drainage Structures (use hidden lines to indicate the location of any structure beneath the roadway surface).
- On all street sections where there will only be partial width street paving, you must show transitions to natural grade.
- Show the location of all Street Lights.
- Show “hashed lines” for all areas of Cold Planing. Include dimensions and stationing as necessary. (NOTE: All adjoining pavements shall be cold planed to tie in new improvements.)
- Show stationing limits and dimensions of all existing pavement that is to be saw cut or wheel cut.
- Show Typical Street Cross Sections including a Level Line, Center Line, and Center Line Cross Fall Reference Elevation.
- Show all existing structures within the Right of Way(s) (i.e.: Fences, Mailboxes, Trees, Power Poles, Edison Vaults, Valve Covers, Manholes, etc.).
- Show and label all 6” to 8” curb height transitions.
- Show transition tapers as required.

PROFILE SHEETS:

- Station the bottom of the Profile Drawing across the grid (i.e.: 10+00, 11+00, etc.).
- All Stationing shall be from Left to Right.
- Show Reference Elevations on both sides of the Profile Drawing.
- Show Horizontal Scale (1”=40’) and Vertical Scale (1”=4”) on the lower right corner of the Profile Drawing.
- All changes in grade shall be shown as open circles.
- Label and show the Existing Grade at center line, left and right Right-of-Way. Draw the Existing Grade with a dashed line.
- Label and show Proposed Grade Lines at center line and proposed curb lines. Draw Future Grade Lines with a solid line.
- Label and show Future Grade Lines at center line and proposed curb lines. Draw Future Grade Lines with a broken line.
- Show all Stationing to match the Plan View Drawing.

- Show Stationing at all Center Line Intersections.
- Show all Curb Returns including Quarter Deltas and Stationing.
- Show all Vertical Curves including stationing and elevations (Minimum 50' Vertical Curve).
- Show "TC & FS" elevations at 100' stationing.
- Show "TC & FS" elevations at the Match Lines.
- Show "TC & FS" elevations at every ECR, BCR, BC, EC, BVC, EVC, Grade Break, and Project Boundary.
- Show Match Lines and Sheet Reference Numbers at both ends of the Profile Drawing.
- Label all Identical Point Lines and show the "TC & FS" elevations at both ends of the Identical Point Line.
- Surface grades shall not exceed 3% at the approach to any Cross Gutter or intersection.
- Any Grade Breaks greater than 2% (total) on any roadway surface require a Vertical Curve.
- Show all existing elevations in parenthesis.
- Review all Cross Fall elevations for compliance with the Cross Fall shown on the Street Cross Sections. Cross Sections shall be calculated from center line to lip of gutter. Minimum cross fall shall be 2% from centerline to lip of gutter and shall not exceed 5%. Deviations from this shall be approved by City Engineer.

Water Plan Checklist

DESIGN GUIDELINES:

On all water plans for perimeter streets, offsite, and/or at any location where the water main is greater than 8", the water line must be drawn in plan and profile format.

At any location where there is a "hot tap" connection to an existing line, the hot tap cannot be made size to size (i.e.: 8" to 8").

PLAN SHEETS:

- North Arrow and Scale (1"=40'). The plans shall be oriented so that the direction of the North Arrow is either up or to the right of sheet.
- Show Topo lines on all drawings with elevations at one foot contour interval for water improvements in remote areas.
- Provide construction notes applicable to each sheet.
- Show all utility easements. (The easement shall be a minimum of 15' wide for one utility (i.e.: water), and a minimum of 20' wide for two utilities (i.e.: water and sewer)).
- Specify "flange types" to be used on all valves and fittings (i.e.: Resilient Wedge, M.J., etc.).
- Provide City of Hesperia Detail Drawings showing all valves and fittings.
- Label all curbs, back of sidewalks, and right-of-ways.
- Label all water mains "C/L - (size)" - P.V.C. - Type (i.e.: C-900 CL. 200) - Water Main".
- Water Mains shall be set 5' from the Curb Face (where applicable). There shall be a minimum of 10' separation from sanitary sewer (outside of pipe to outside of pipe).
- Water Mains should be on the opposite side of the street center line from sewer mains (where possible).
- Show the location of all Sewer Lines with lettered line work. Also, label as "New" or "Existing".
- Using "light line work", show the location of all Sewer Laterals.
- Show the lot numbers or APN and lot lines for all lots. (Show the APNs for all off site lots/parcels.)
- Show the location of the driveways on all lots.
- Show the location of all laterals and meter boxes.
- Show the location of all Fire Hydrants. (NOTE: Fire Hydrants must be spaced in accordance with the requirements of the Project Conditions.)
- All Fire Hydrants set must be per City Standards.
- Isolation valves are required on all easement lines.
- Mid block valves are required every 1200' along main lines.
- All Water Mains must have shutoff valves installed at all street intersections where the system has a "Tee" or an "El", or at any other location deemed necessary by the designing Engineer, or the City of Hesperia.

- Show stationing and elevations for the start and end of construction.
- Show approved Street Names for all streets shown on the drawing.
- Show all existing elevations in parentheses.
- Show Major Stationing along Street Stationing.
- Show all existing and/or proposed Right of Way(s) and Easements.
- Show street dimensions. Include the Right of Way dimension, Curb Face to Curb Face dimension and the Street Center Line to Curb Face dimension.
- Dimension the center line of all water lines to the curb line and sewer lines to the street center line.
- Show any and all utilities or structures which may interfere with water line construction (i.e.: Sewer Lines, Gas Lines, Vaults, Catch Basins, etc.).
- If drawn in plan and profile, all elevations and dimensions shown on the plan view drawing shall match the profile drawing.
- Show all match lines and connecting page numbers.
- Show sheet numbers and/or sheet names and match line stationing on both sheets.

PROFILE SHEETS:

- Station the bottom of the Profile Drawing across the grid at 100' intervals (i.e.: 10+00, 11+00, etc.).
- All Stationing shall be left to right.
- Show Major Grid Elevations on both sides of the Profile Drawing.
- Show Horizontal Scale (1"=40') and Vertical Scale (1"=4") on the lower right corner of the Profile Drawing.
- Show all existing elevations in parenthesis.
- Show all Stationing to match the Plan View Drawing.
- Show the Water System drawn with a bold line, do not use a bold line for any other line(s) on the drawing. (NOTE: All existing improvements shall be drawn with a dashed line. All future improvements, and improvements shown on other sheets within the plan set, shall be drawn with a broken line).
- Show stationing and invert elevations at the beginning and end of the line shown on the drawing.
- Show linear distances (between stations, valves, etc.), to match the plan view drawing. Include "C/L - (size)" - P.V.C. - Type (i.e.: C-900 CL. 200) - Water Main" below the dimension.
- Show grade percentages for each water line segment in the profile drawing.
- Show all Valves, Fire Hydrants, Fittings, etc.
- Show existing and proposed grades over the water line. (NOTE: The minimum cover (from the top of pipe to final grade), required over all water lines, is: 48" for an 8" main; 42" for 12" and larger mains; and 72" over "transmission" mains.)
- All water mains constructed in undeveloped areas must have a minimum cover of 60" unless a "future" street plan exists.
- Show and identify all conflicting utilities that cross the water line and give elevations for same at the point where they cross (label all T.O.P. and B.O.P. elevations). (NOTE: If minimum separation of water and sewer can not be

- maintained, specify type of construction proposed, note the plan view drawing, and provide detail drawings as necessary.)
- Show Match Lines and Sheet Reference Numbers at both ends of the Profile Drawing.
 - Label all Identical Point Lines and show the invert elevations at both ends of the Identical Point Line.

Sewer Plan Checklist

PLAN SHEETS:

- North Arrow and Scale (1"=40'). The plans shall be oriented so that the direction of the North Arrow is either up or to the right of sheet.
- Sewer Improvements shall be stationed along the proposed sewer alignment.
- Provide construction notes applicable to each sheet.
- Show the relationship between sewer stationing and street stationing at intersections.
- All sewer lines shall be "straight line segments" between manholes. (NOTE: Curvilinear line segments are not permitted.)
- Note on all sheets where you are joining into an existing sewer "Contractor shall field verify the exact location and elevation of the sewer prior to the start of construction."
- Label all curbs, back of sidewalks, and right-of-ways.
- Label all sewer mains with size and material.
- Number and station all manholes.
- Manholes shall be located a maximum of 300' apart measured center to center.
- All Cleanouts shall be located a maximum of 150' from an accessible Manhole.
- All manholes shall have locking manhole covers per City Standard S-4.
- All manholes for sewer mains in remote (unpaved) areas shall be buried per City Standard detail S-3C
- Show all existing utilities.
- Show the lot numbers or APNs and lot lines for all lots. (Show the APNs for all off site lots/parcels.)
- Show all utility easements. (The easement shall be a minimum of 15' wide for one utility (i.e.: sewer), and a minimum of 20' wide for two utilities (i.e.: sewer and water)).
- Show the pad elevations of all lots.
- Show the location of the driveways on all lots.
- Show Topo lines on all drawings with elevations at one foot contour interval for sewer in remote areas.
- Show stationing and elevations for the start and end of construction.
- Show approved Street Names for all streets shown on the drawing.
- Show all existing elevations in parentheses.
- Show all existing and/or proposed Right of Way(s) and Easements.
- Show street dimensions. Include the Right of Way dimension, Curb Face to Curb Face dimension and the Street Center Line to Curb Face dimension.
- The sewer main shall be set 5' from the curb face (where applicable). There shall be a minimum of 10' separation from water (outside of pipe to outside of pipe).
- Dimension the center line of all sewer lines and water lines to the street center line.
- Show all Laterals (and stationing for same based upon the sewer stationing). Laterals shall be a minimum of 5' apart and a minimum of 7' from the center line

of any manhole. All Laterals shall extend to the Right-of-Way (Property Line), of each lot.

- Provide a Backflow Device on any Lateral where the pad elevation for the lot which the Lateral serves is less than 0.3' higher than the first upstream manhole on the sewer main. Lots requiring a backflow device shall be labeled with an asterisk by the lot number and identified in the Legend.
- Show any and all structures which may interfere with sewer construction (i.e.: Catch Basins, Storm Drains, etc.).
- All elevations shown on the plan view drawing shall match the profile drawing.
- Show all match lines and connecting page numbers.
- Show elevations and stationing for match lines on both sheets.
- Show all hydrants and meter boxes (existing and proposed) on the sewer plan.

PROFILE SHEETS:

- Station the bottom of the Profile Drawing across the grid at 100' intervals (i.e.: 10+00, 11+00, etc.).
- Show Major Grid Elevations on both sides of the Profile Drawing.
- Show Horizontal Scale (1"=40') and Vertical Scale (1"=4") on the lower right corner of the Profile Drawing.
- Show all existing elevations in parenthesis.
- Show all Stationing to match the Plan View Drawing.
- Number all manholes.
- Show Center Line Stationing and rim elevations for all manholes. (NOTE: Review all manhole rim elevations against the Street Plans for accuracy.)
- Show stationing and elevations for all inverts entering and exiting manholes. Label each invert as "inlet or outlet" and identify which side of the manhole (north, south, east, west,) it is attached to.
- Slope through manholes shall be equal to the slope of the sewer line leaving the manhole with a minimum fall through the manhole of 0.10' on straight through lines and a minimum fall through a manhole of 0.20' on turns.
- Show distances between manholes (C.L. to C.L.) and indicate "material" of sewer line to be used (i.e.: PVC).
- Show grade percentages for each sewer line segment in the profile drawing.
- The minimum slope for sewer mains is 0.40% for 8" pipe. Under certain conditions, and with the City Engineer's approval, lesser slopes may be permitted.
 - 0.29% for 10"
 - 0.22% for 12"
 - 0.16% for 15"
 - 0.10% for 21"
 - 0.08% for 24"
- Grade Breaks in sewer lines between manholes are not allowed.
- Show existing and proposed grades over the sewer line. Minimum cover over the top of the sewer line is 8'.

- Show and identify all conflicting utilities that cross the sewer line and give elevations for same at the point where they cross (label all T.O.P. and B.O.P. elevations). (NOTE: If minimum separation of water and sewer cannot be maintained, specify type of construction proposed, note the plan view drawing, and provide detail drawings as necessary.)
- Show Match Lines and Sheet Reference Numbers at both ends of the Profile Drawing.
- Label all Identical Point Lines and show the invert elevations at both ends of the Identical Point Line.

Storm Drain Plan Checklist

STORM DRAIN GUIDELINES:

All storm drain lines must be drawn in plan and profile.

A final hydrology study (if required) shall be based on the San Bernardino County method of calculations for 100 year storms, including on-site and off-site runoff (assuming ultimate upstream development) paying special attention to concentrated flows onto and off of the property. The report must also include the estimated retention basin sizing in cubic feet. The hydrology study must be wet stamped and signed by a registered Professional Engineer in the State of California and submitted to the City along with the plans.

A full water surface pressure gradient analysis shall be performed for the entire storm drain facility and shall be submitted with the storm drain plans.

All catch basins and junction structures must be designed to City and SPPWC Standards.

PLAN SHEETS:

- Provide construction notes applicable to each sheet.
- Storm drain stationing must be independent of street stationing. However, you must provide a conversion reference to show the relationship of storm drain stationing to street stationing.
- The minimum diameter for any storm drain main line and catch basin connector pipe shall be 18". (NOTE: If pipe may carry significant amounts of debris, the minimum diameter of main line pipe shall be 36".)
- Show Trash Racks at the inlets and outlets of all storm drain lines that are 48" in diameter (or width), or larger.
- Storm Drain lines may have "curvilinear segments" between manholes.
- All pipe transitions shall be curvilinear.
- Add the following notation on all sheets where you are joining into an existing storm drain "Contractor shall field verify the exact location and elevation of the storm drain, prior to the start of construction".
- Label all curbs, back of sidewalks, and Right of Ways.
- Manholes shall not be located in street intersections if possible.
- All manholes shall be designed per SPPWC storm drain standards.
- Number and station all storm drain manholes to the center line.
- Manholes shall be located at the beginning or ending of all curves; at any point where there is a pipe size change; at all junctions, and at any other point required for maintenance.
- Manhole spacing shall be based upon the following:

- Conduit 30" or smaller - - Manholes shall be spaced not more than 300' apart. If there are numerous bends and/or angle points, then spacing shall be reduced to approximately 200';
- Conduit larger than 30" but smaller than 45" - - Manholes shall be spaced not more than 400' apart;
- Conduit larger than 45" - - Manholes shall be spaced not more than 500' apart.

- Show the dimensions between manhole center lines.
- All manholes for storm drains in remote (unpaved) areas shall be buried per City Standard Detail S-3C.
- Show the bearings for each storm drain line segment.
- Show all existing utilities.
- Show the lot numbers or APNs and lot lines for all lots. (Show the APNs for all off site lots/parcels.)
- Show any related easements.
- Show Topo lines on all drawings with elevations at one foot contour interval in remote areas.
- Show stationing and elevations for the start and end of construction.
- Show approved Street Names for all streets shown on the drawing.
- Show all existing elevations in parentheses.
- Show "TC & FL" elevations at all Catch Basins or other Storm Drain inlets.
- Show Major Stationing along the Storm Drain Center Line to match the Profile Drawing.
- Show the existing and proposed Right of Way(s) and Easements.
- Show street dimensions. Include the Right of Way dimension, Curb Face to Curb Face dimension and the Street Center Line to Curb Face dimension.
- Dimension the center line of all storm drain lines to the street center line.
- Show any and all structures which may interfere with storm drain construction (i.e.: Existing Catch Basins, Electrical Vaults, etc.).
- All elevations shown on the plan view drawing shall match the profile drawing.
- Show all match lines and connecting page numbers.
- Show elevations and stationing for match lines on both sheets.

PROFILE SHEETS:

- Station the bottom of the Profile Drawing across the grid at 100' intervals (i.e.: 10+00, 12+00, etc.).
- All Storm Drain stationing shall be "Up Grade".
- Show Major Grid Elevations on both sides of the Profile Drawing.
- Show Horizontal Scale (1"=40') and Vertical Scale (1"=4') on the lower right corner of the Profile Drawing.
- Show all existing elevations in parenthesis.
- Show all Stationing to match the Plan View Drawing.
- Number all manholes.
- Show Center Line Stationing and rim elevations for all manholes. (NOTE: Review all manhole rim elevations against the Street Plans for accuracy.)
- Show stationing and elevations for all inverts entering and exiting manholes.

- Slope through manholes shall be equal to the slope of the storm drain line.
- Show grade percentages for each storm drain line segment shown in the profile drawing.
- The minimum slope for storm drains shall be one percent (1%), (for debris carrying storm drains, the minimum slope shall be three percent (3%)). Unless otherwise approved by the City Engineer.
- Show “Q= and V=” for each storm drain line segment shown on the profile drawing.
- Show the “D” Load for each storm drain line segment shown on the profile drawing.
- Show the Hydraulic Grade Line (HGL) for each storm drain line segment shown on the profile drawing.
- Minimal Grade Breaks in storm drain lines between manholes are allowed, however, they are highly discouraged.
- Show existing and proposed grades over the storm drain line.
- Show and identify all conflicting utilities that cross the storm drain line and give elevations for same at the point where they cross (label all T.O.P. and B.O.P. elevations). (NOTE: Concrete encasement of water lines, sewer lines, etc. may be required at points where other utilities cross the storm drain line.)
- Show Match Lines and Sheet Reference Numbers at both ends of the Profile Drawing.
- Label all Identical Point Lines and show the invert elevations at both ends of the Identical Point Line.

Retention Basin Design Checklist

PLAN SHEETS:

- Show the “FS” elevation at the bottom of the basin.
- Show the “TOP” elevations at all corners.
- Show the “TOE” elevations at all bottom corners.
- Show the spillway; and the “FL” elevations at the lip of the spillway on the basin side and at the curb line. (NOTE: Any spillway which drains onto a street must have a parkway drain under the sidewalk.)
- Show any other elevations the designing Engineer deems important to the design of the basin.
- Show a 5’ wide bench on all sides of the basin.
- Show the location of all walls, fences, and gates (see fencing design requirements below).
- Show the location of the access ramp and parking apron.
- Show the location of the dry well(s). (NOTE: All retention basins must have at least two dry wells unless otherwise approved by the City of Hesperia. A dry well shall be located at all inlets to the basin. Additional dry wells may be located at any other location within the basin that the Engineer deems appropriate).
- Show the location of the riser, if required.
- Show the location of any ribbon gutters or other concrete channeling. (NOTE: All nuisance water must go directly into the dry well by means of a concrete conveyance.)

CROSS SECTION DRAWINGS (with Elevations):

- Show a cross section both ways through the basin.
- Show all inlet and outlet structures.
- Show all walls and fencing.
- Show dry well(s).
- Show the riser (if required).
- Show the head wall(s).
- Show the vehicular access ramp.
- Show concrete channeling.
- Show the pad elevations of adjoining lots.
- Show the “TC” elevations of all adjoining streets.
- Show any other features the designing Engineer deems relevant to the design of the basin.

DETAIL SHEETS:

- Show the spillway detail, including the parkway drain detail if required.
- Show the riser detail, if required.
- Show all concrete channeling or ribbon gutter details.
- Show the slope protection detail.
- Show the access ramp detail (see ramp design requirements below).
- Show the parking apron detail.

ACCESS RAMP & PARKING APRON DESIGN:

- All retention basins more than 18” (eighteen inches) deep must have a vehicular access ramp.
- The vehicular access ramp must be a 14’ (minimum) wide concrete ramp.
- The maximum slope of the ramp from the top of the ramp to the parking apron cannot exceed 12%.
- The access ramp must have a 2% cross fall away from the basin side of the ramp toward the basin embankment.
- There must be a 6” high concrete curb on the side of the ramp that is away from the basin. The curb must extend from the top of the ramp to the parking apron.
- The parking apron at the bottom of the ramp must be a concrete pad that is a minimum of 20’ wide by 20’ Long.

FENCING DESIGN:

- All retention basins more than 18” (eighteen inches) deep must be fenced on all sides.
- On all sides of the basin which face a street, the fence must have a 2’ high masonry wall topped with a 4’ high tubular steel fence designed to the City of Hesperia Department of Building and Safety Criteria. (NOTE: The masonry wall and tubular steel fencing must be designed to “swimming pool fence standards” in regards to step height.)
- The access gates to the service ramp must be designed as a 16’ wide by 6’ high double opening tubular steel gate assembly which is designed to accept a City pad lock, or other locking device approved by the City of Hesperia.
- On all sides of the retention basin that adjoin a lot, there must be a 6’ high masonry wall. (NOTE: You may use a 2’ high masonry wall topped by a 4’ high tubular steel fence, designed to the City of Hesperia standards, within the front yard setback for any adjoining lot.)

RETENTION BASIN DESIGN GUIDELINES:

The complete retention basin design shall be indicated on the rough grading plans. On all other drawings, you only need to show the retention basin and any details relevant to that drawing (i.e.: appropriate “FL” and “WS” elevations on the storm drain plans, etc.).

On the plan view drawing, show the “Finished Surface” elevation at the bottom of the Basin; “Finished Surface” elevations at all top corners; “TOE” elevations at all bottom corners; “Flow Line” elevations at the invert of the Spillway (NOTE: Any Spillway which drains onto a street must have a Parkway Drain.); and any other elevation the Designing Engineer deems important to the design of the Basin. Also, the top of the Basin must have a 5’ wide bench on all sides.

Show the Basin Spillway Detail (including the Parkway Drain Detail if required), Riser Detail (if required), Slope Protection Detail, and Dry Well Details. (The Basin must be designed so that no nuisance water goes onto the dirt at the bottom of the Basin. All nuisance water must go directly into the Dry Well by means of a concrete conveyance.)

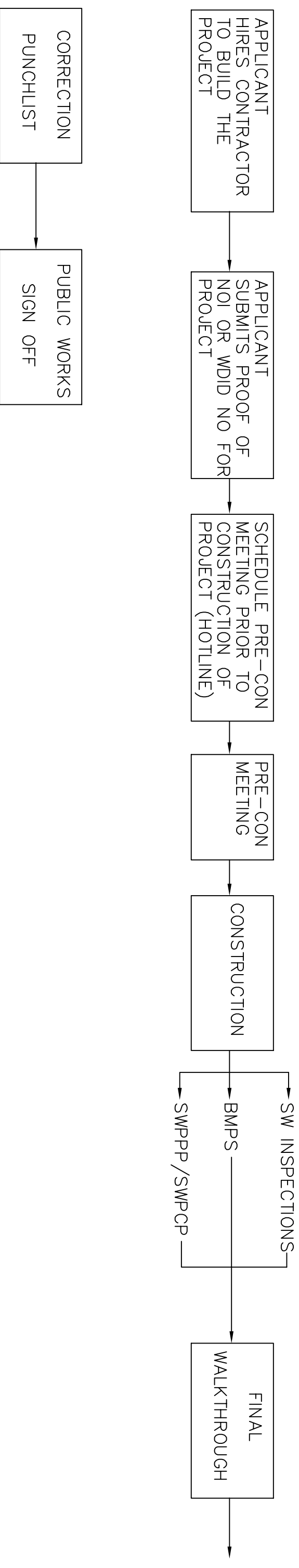
Cross Section Drawings must show all Inlet & Outlet Structures, Dry Well(s), Headwalls, Vehicular Access Ramp(s), Concrete Channeling, Water Surface Elevations (NOTE: the water surface elevation must be a minimum of 6" below the invert of any catch basin which feeds to the Retention Basin), Pad Elevations of adjoining lots, "TC" Elevations of adjoining streets, and any other features relevant to the design of the Basin.

All Basins more than 18" deep must have a 14' wide concrete vehicular access ramp (with a 12% Max. slope), from the street level to the bottom of Basin. The access ramp must have a 2% cross fall away from the Basin side of the ramp. There must also be a 6" concrete curb along the Basin side of the ramp which extends from the top of the ramp to the parking apron. There must also be a 20' x 20' paved parking apron at the bottom of the access ramp.

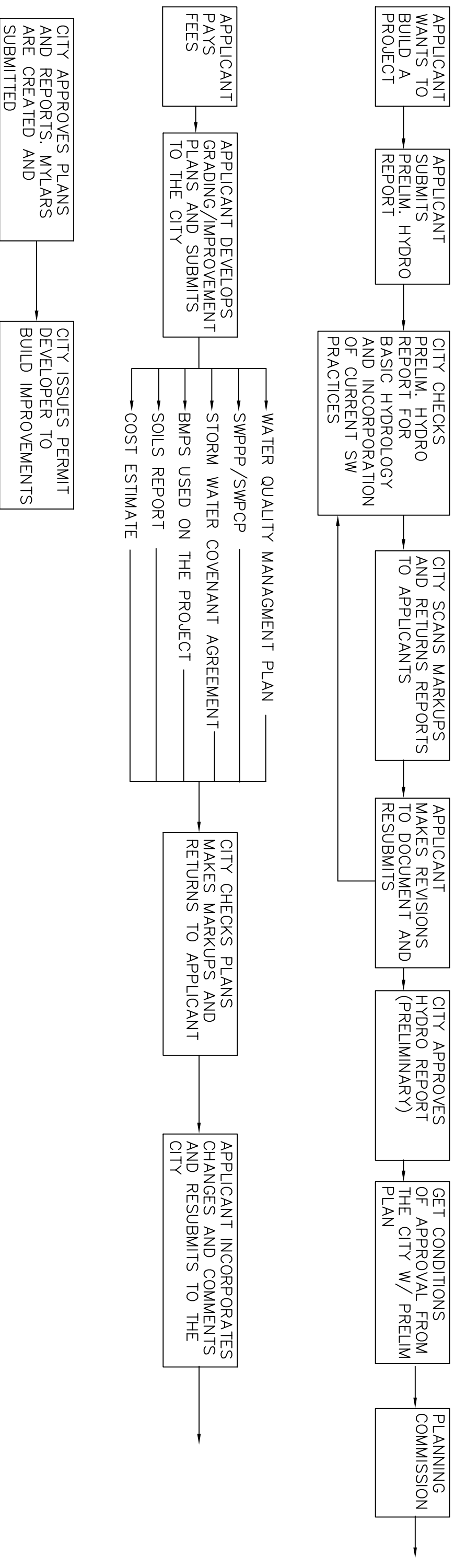
All Basins that are more than 18" deep must have a 2' high Masonry Wall topped with a 4' high Tubular Steel Fence on the street side(s) of the Basin per the City of Hesperia Department of Building & Safety design criteria. (NOTE: The Masonry Wall and Tubular Steel Fencing must be designed to "Swimming Pool Fence Standards" in regards to step height.) Also, design a 16' wide by 6' high, double opening Tubular Steel access gate to the service ramp. The gates must be designed to accept a City pad lock, or other locking device approved by the City.

A 6' high Masonry Garden Wall is required along the boundaries of all adjoining lots. (Note: You may use a 2' high Masonry Wall topped by a 4' high Tubular Steel Fence, designed to the above standards, within the front yard setback for any adjoining lot.)

CONSTRUCTION



PLAN CHECK PROCESS



REFERRALS:

Surrounding Property Owners _____
Number sent: _____

County Agencies

- Supervisorial District _____
- Planning Commissioner _____
Luis Guardado (Hesperia)
- LUSD - Building and Safety _____
(Hesperia)
- LUSD – B&S County Geologist **Wes Reeder** _____
- LUSD – Code Enforcement **David Jorgensen** _____
- Advance Planning _____
- Land Development - Roads/Drainage **Sameh Basta** _____
- Public Works –Traffic **Ed Petre** _____
- Public Works –Survey **John Dodrill** _____
- Public Works – Solid Waste **Erika Ellis** _____
Mark Anderson (SB) or Brian Headley (Hesperia)
- Fire – Community Safety **Brian Headley (Hesperia)** _____
- Fire – Haz. Mat. **Jose May** _____
- EHS **Jon Reid (SB) Jessica Ballesteros (SB)** _____
- Special Districts/CSA _____
- Special Districts/SL-1 Street Lights **Carrie Hyke** _____
- Special Districts/Franchises _____
- ISD **Cell Towers email to Mike Rowles** _____
- Airports Dept. _____
- Agricultural Commissioner _____
- Real Estate Services _____
- Sheriff’s Office _____
- Museum, Archeological **Robin Laska** _____
- Museum, Paleontological **Robin Laska** _____
- Preventative Vet. Services **Dr. Otto Stain** _____
- RDA** _____
- Airports Department -- Carrie Hyke** _____
- _____
- _____
- _____

Local Agencies

- City Sphere _____
- Local Fire Protection _____
- Water District _____
- Water Agency _____
- Sewer Agency _____
- School District _____
- _____
- _____
- _____
- _____
- _____
- _____

PROJECT #: _____

State Agencies

- Water Quality Control Board _____
- Air Quality District _____
- LAFCO **Kathleen Rollings McDonald** _____
- Fish and Game _____
- Caltrans _____
- CHP _____
- Integrated Waste Management _____
- Dept. of Toxic Substance Control _____
- Dept. of Cons./Mines _____
- Inland Empire W. Resource Cons. Dist. _____
- E. Valley Resources Cons. Dist. _____
- _____

Federal Agencies

- Army Corp of Engineers _____
- Bureau of Land Management _____
- Fish and Wildlife _____
- U.S. Forest Service _____
- Military Base **Timothy.h.fox@navy.mil** _____
- U. S. Post Office _____
- National Resource Cons. Service _____
- _____
- _____

Environmental Groups

- Audubon Society _____
- Save Our Forest Association _____
- Sierra Club _____
- _____
- _____

Miscellaneous Agencies and Organizations

- Advisory Council **Lucerne Valley/Johnson Valley-Richard Selby** _____
- Architectural Committee _____
- Chamber of Commerce _____
- Community Action Committee _____
- Indian Reservation _____
- Property Owners Association _____
- Railroads _____
- Phone Company _____
- Utility Company _____
Lucerne Valley Economic Development Association-Chuck Bell
- _____
- _____
- _____
- _____