

LOS ANGELES  
DEPARTMENT OF WATER  
AND POWER

**COMMUNITY INVOLVEMENT PLAN  
FOR NORTH HOLLYWOOD WEST  
WELL FIELD**

**November 2016**

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## **Organization of the Community Involvement Plan**

**Section 1.0** – Describes the purpose of the CIP

**Section 2.0** – Contains brief site description and brief history of the contamination and shut down of some of LADWP extraction wells; includes a brief description of the remedial investigation update / feasibility study actions, and anticipated subsequent Superfund remedial actions

**Section 3.0** – Provides demographic information about the interested parties and affected community

**Section 4.0** – Describes significant community issues and concerns and includes a summary of outreach conducted to-date to prepare the CIP

**Section 5.0** – Description of the community involvement activities and communications strategy, messaging, and timing of the elements of the CIP

**Section 6.0** – Community Interview Questions and Interview Summaries

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**Figure 5: City of Los Angeles Population Race**

## List of Abbreviations and Acronyms

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| <b>Acronym/Abbreviation</b> | <b>Term</b>  |
|-----------------------------|--|
| %                           | Percent  |
| AFY                         | Acre-feet per year   |
| BOMA                        | Building Owners and Managers Association                         |
| CALTRANS                    | California Department of Transportation                          |
| CEQA                        | California Environmental Quality Act                             |
| CD                          | Council District   |
| CDPH                        | California Department of Public Health (Now DDW)                 |
| CIP                         | Community Involvement Plan                                       |
| City                        | City of Los Angeles  |
| DDW                         | State Water Resources Control Board, Division of Drinking Water  |
| DTSC                        | California Department of Toxic Substances Control                |
| EPA                         | Environmental Protection Agency                                  |
| FOLAR                       | Friends of the Los Angeles River                                 |
| FS                          | Feasibility Study  |
| GSIS                        | Groundwater System Improvement Study                             |
| LADWP                       | Los Angeles Department of Water and Power                        |
| LARWQCB                     | Los Angeles Regional Water Quality Control Board                 |
| NCP                         | National Oil and Hazardous Substances Pollution Contingency Plan |
| NH                          | North Hollywood  |
| NHW                         | North Hollywood West   |
| NPL                         | National Priorities List   |
| PCE                         | Tetrachloroethylene  |
| RA                          | Remedial Action  |
| RD                          | Remedial Design  |
| RI                          | Remedial Investigation   |
| SFB                         | San Fernando Basin   |
| SFV                         | San Fernando Valley  |
| SWRCB                       | State Water Resources Control Board                              |

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| <b>Acronym/Abbreviation</b> | <b>Term</b>                              |
|-----------------------------|--|
| SWRB                        | State Water Resources Control Board      |
| TCE                         | Trichloroethylene                        |
| ULARA                       | Upper Los Angeles River Area             |
| VANC                        | Valley Alliance of Neighborhood Councils |
| VICA                        | Valley Industry Commerce Association     |
| VOC                         | Volatile Organic Compound                |

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## **Section 1: Introduction and Background**

### **1.0 Purpose of this Community Involvement Plan**

The City of Los Angeles (City), Department of Water and Power (LADWP) has prepared this Community Involvement Plan (CIP) for the response action<sup>1</sup> to address groundwater contamination in the vicinity of the North Hollywood West (NHW) Well Field that impairs or threatens the beneficial use of groundwater. The approximate location of the NHW Well Field is shown in Figure 1. This CIP is intended to identify and document the steps that have or will be taken to engage the community in the response action to address this contamination during the investigation, planning, design and implementation stages. The plan is intended to support that public and private interests are kept informed and that their comments and concerns are considered.

This CIP relates to the response to the historical and potentially continued release of hazardous substances that impair or threaten to impair the beneficial uses of the groundwater in the vicinity of the NHW Well Field, a major well field located in the SFB. Many of the NHW production wells have been impacted or are threatened as a result of releases of hazardous substances, including 1,4-dioxane and volatile organic compounds (VOCs). Field work for the San Fernando Valley Groundwater System Improvement Study (GSIS), including the construction, monitoring and sampling of groundwater wells, is addressed in the 2013 and 2015 CIPs, and Supplemental CIP, as discussed below. The NHW Well Field was among the major SFB well fields that were investigated as part of the GSIS. The results of that study have been published on an LADWP website ([www.LADWP.com/remediation](http://www.LADWP.com/remediation)) and placed in the document repositories.

This CIP builds upon earlier CIPs that were prepared in anticipation of field work for the remedial investigation for the response actions in the NHW Well Field area, as well as investigations of other areas within the San Fernando Groundwater Basin (SFB).

The initial CIP was prepared in 2013 and outlined several steps to inform and involve the public in the investigation of contamination in the SFB. The 2013 CIP was prepared in anticipation of field work that comprised the drilling, installation and sampling of numerous groundwater monitoring wells as one element of the field investigation of the SFB. LADWP updated the CIP in May 2015, with a focus on involving and informing the monitoring well sites' neighbors of related construction activities and objectives of the GSIS.

The original CIP (2013) addressed keeping the City Council members and other officials well-informed; gaining community support by keeping the public informed and involved through presentations to key area organizations; producing public

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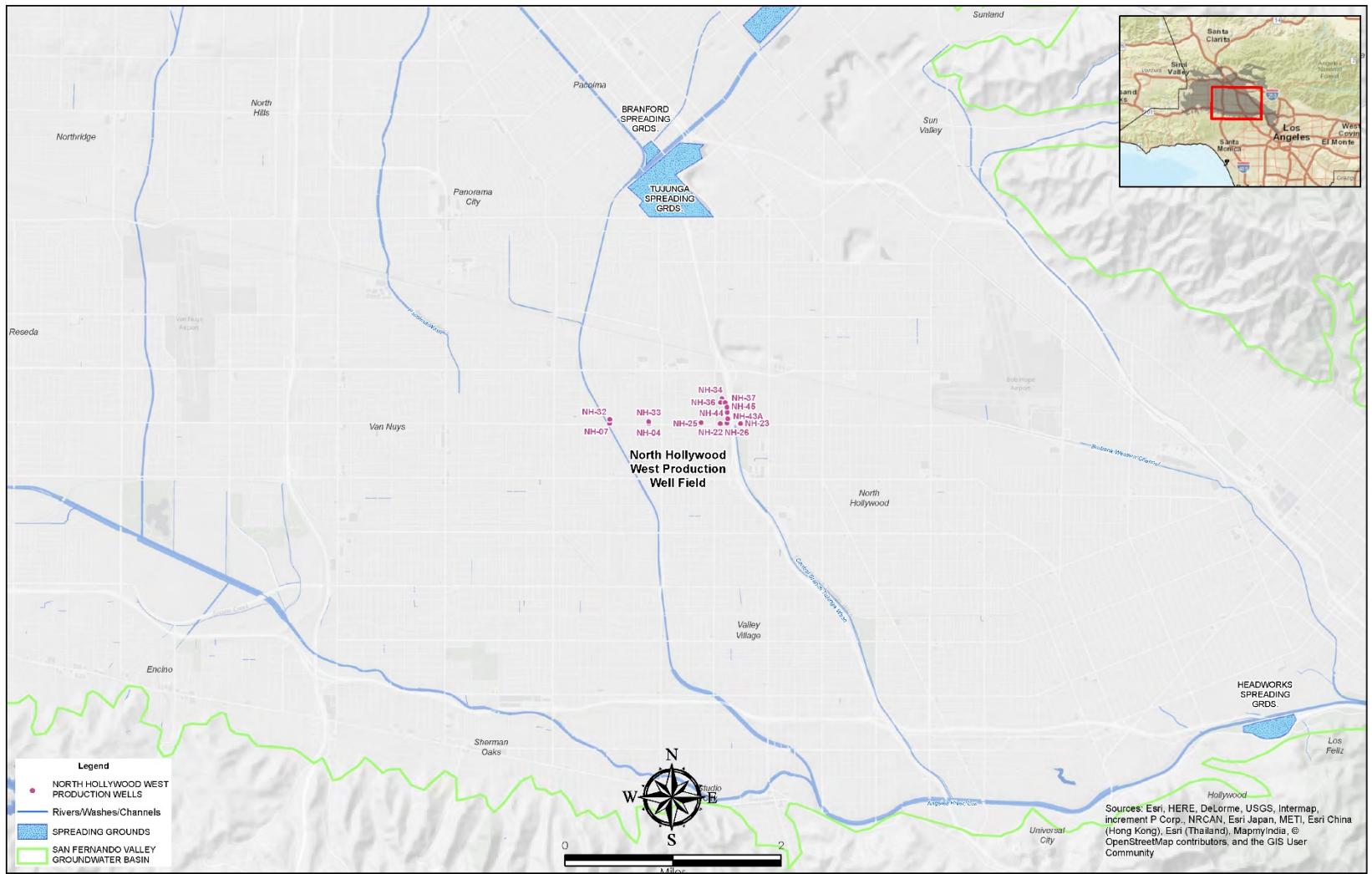
<sup>1</sup> See Section 2.3, Background on Groundwater Contamination and Superfund Program

information materials that communicate clearly to the target communities, considering their history, concerns, demographics and language needs; incorporation of project information into the LADWP website and creation of a library repository of groundwater study information; protocol for communications during emergencies; and outreach strategies to communicate with immediate impacted neighbors.

LADWP produced a supplemental CIP in November 2015 to continue outreach and keep the neighboring communities, the general public and other parties informed about construction of 16 additional groundwater monitoring wells. These wells were installed to establish a robust understanding of groundwater conditions and assess the efforts required to address groundwater contamination in the San Fernando, Central, and Sylmar basins.

The NHW Well Field CIP has been prepared in accordance with state and federal guidelines including the National Contingency Plan (NCP) 40 C.F.R. part 300; the United States Environmental Protection Agency (EPA) *Superfund Community Involvement Handbook (2016)*; the U.S. EPA *Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA (1988)*; and, the State Water Resources Control Board *Public Participation At Cleanup Sites (2005)*. The CIP contains public information and outreach activities that enable LADWP to demonstrate compliance with the State Water Resources Control Board's (SWRCB's), Division of Drinking Water (DDW) Update of 97-005 Process Memo for Extremely Impaired Sources (DDW Policy 97-005).

The focus of this CIP is the community involvement relations associated with the response action that addresses the groundwater contamination in the NHW Well Field, including any interim remedial action and other actions, as necessary. It is anticipated that individual CIPs will be prepared for response actions associated with other LADWP well fields. To the extent that the CIP for this NHW Well Field is inconsistent with the more general information in prior CIPs, the more specific information in this CIP will be effective for the NHW Well Field response actions.



**Figure 1: Location of NHW Well Field**



## **Section 2: Background Information about the San Fernando Groundwater Basin**

### **2.0 Background**

The following sections provide a description of the City and the SFB, as well as background information relating to groundwater contamination and the Superfund Program. In addition, a summary description of previous investigations of the SFB (including the NHW Well Field Area) and contamination occurrence in the NHW Well Field are provided.

Since groundwater monitoring first detected concentrations of a variety of contaminants in the SFB in the 1980s, the EPA, LADWP, the cities of Glendale and Burbank, and other agencies, such as the SWRCB, Los Angeles Regional Water Quality Control Board (LARWQCB) and DDW, have joined in efforts to investigate and remediate the groundwater contamination. In 1986, the EPA placed four sites (also referred to as “Areas”) in the eastern SFB on the National Priorities List (NPL). Since that time, the EPA has selected several response actions to address the release of hazardous substances located in certain portions of the SFB (EPA 1987, 1989, 1993, 2004, 2009b, and 2014a). Though some progress has been made in investigating, containing and removing groundwater contaminants, full containment has not been achieved and some contaminant plumes are further migrating and expanding. LADWP is working in consultation with the EPA and LARWQCB to identify responsible parties and implement response actions.

### **2.1 Description of the City of Los Angeles**

The City encompasses an area of 456 square miles with a population of nearly 4 million residents and a current water demand of more than 500,000 acre-feet per year (AFY). A key resource that the City has relied upon as a major component of its local water supply portfolio is local groundwater (City 2015).

Over the last five years, local groundwater has provided approximately 12 percent of the total water supply for Los Angeles, and since 1970 has provided up to 23 percent of total supply during extended dry periods when imported supplies become less reliable. The City plans to obtain 50 percent of water locally by 2035. The primary source of local water is groundwater, and the primary source of local groundwater is the SFB (LADWP 2015a).

Further details relating to the environmental setting of the City are described in the Sustainable City Plan (City 2015) and the Urban Water Management Plan (LADWP 2015a).

## **2.2 Description of the San Fernando Groundwater Basin**

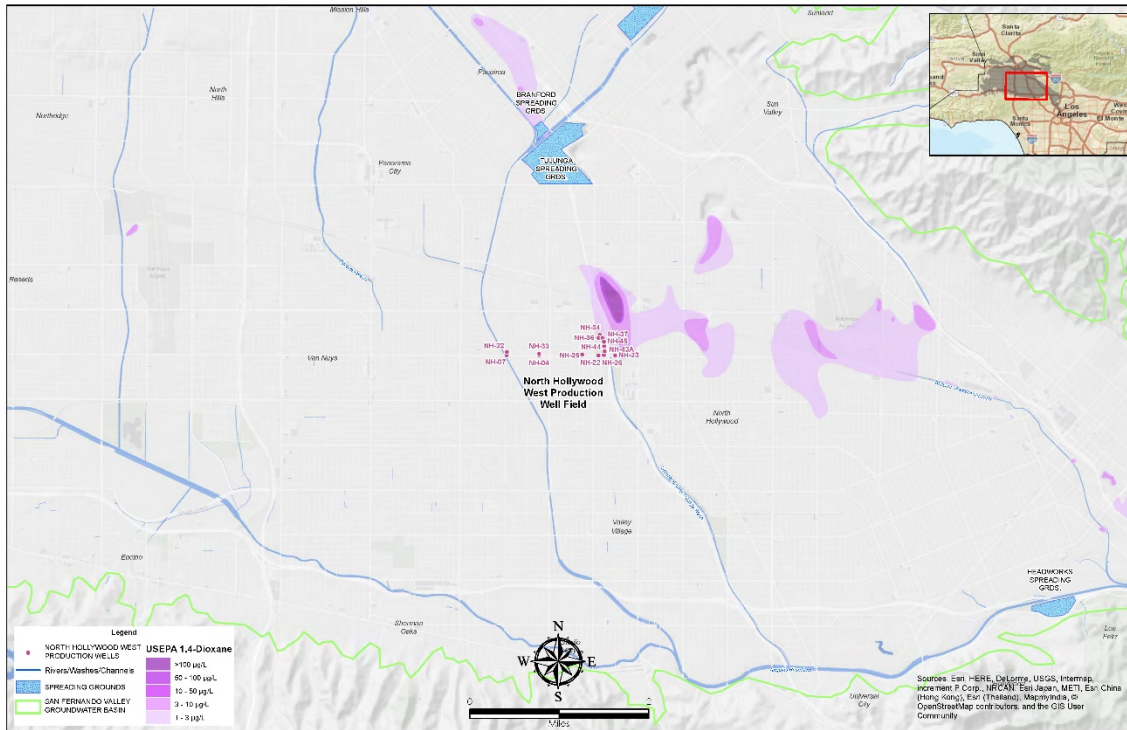
The SFB is a groundwater basin that underlies most of the San Fernando Valley (SFV) and is approximately 175 square miles (112,000 acres) in area. A groundwater basin can be defined as an area underlain by permeable materials such as sands and gravels, capable of storing a significant amount of groundwater and supplying that water to wells. The SFB is located in Los Angeles County and contains the City of Burbank and portions of Glendale, Los Angeles, La Canada Flintridge, San Fernando and La Crescenta-Montrose.

Groundwater is extracted from groups of wells located in different areas of the SFB, which are referred to as well fields. The LADWP well fields in the SFB serve as the primary source of groundwater for the City of Los Angeles, providing more than 90 percent (%) of the City's local groundwater supply (LADWP, 2015a).

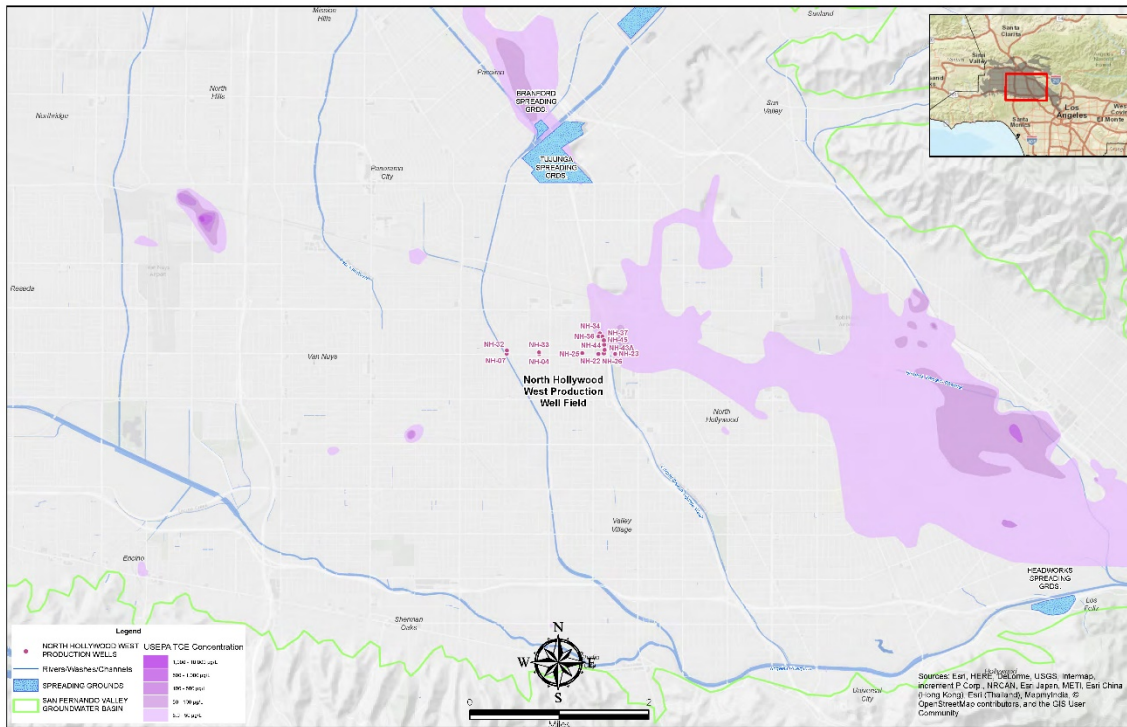
While local groundwater has historically provided the City with a reliable water supply, existing groundwater contamination in the SFB has impacted LADWP's ability to fully utilize this valuable resource. This contamination has led to the inactivation of progressively more wells as the contaminants migrate through the groundwater aquifers. Due to many factors, the costs associated with the purchase of outside water have been increasing, stressing budgets and impacting customer rates.

LADWP is advocating strongly for the EPA, LARWQCB, and the California Department of Toxic Substances Control (DTSC) to identify and hold responsible parties responsible for cleaning up the Basin. The LADWP is also pursuing a parallel track to explore other administrative or legal remedies available to expedite cleanup, including the pursuit of monetary compensation for water lost due to contamination and the resulting pumping limitations.

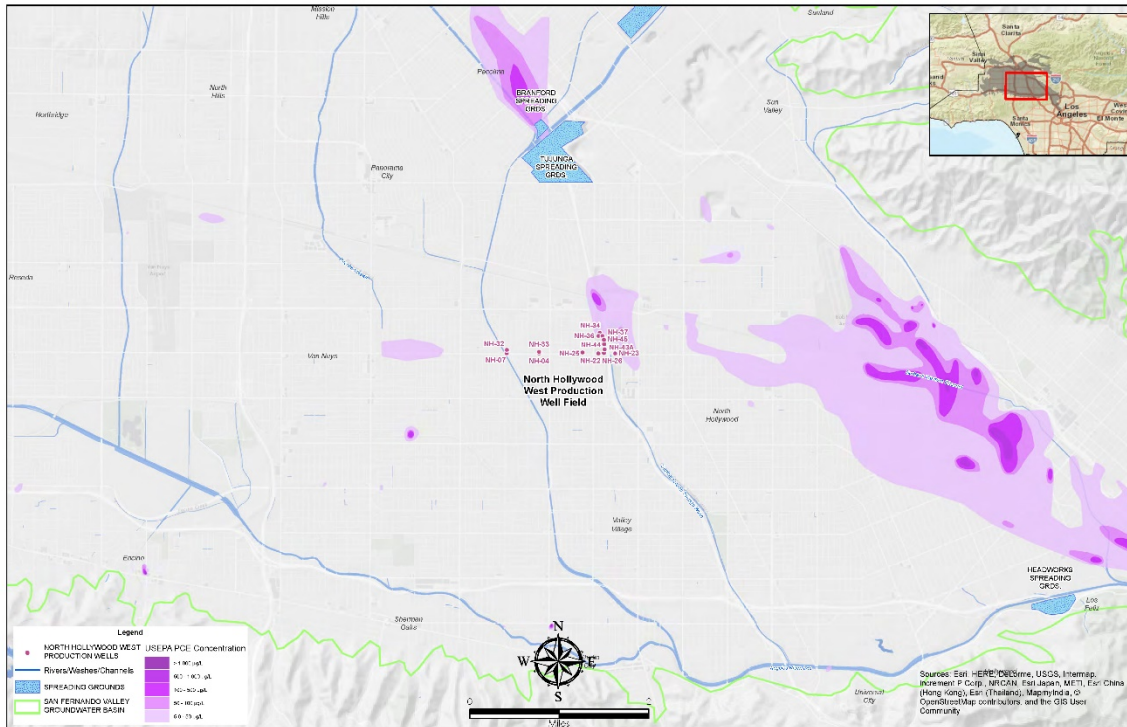
Recognizing the urgency and importance of this work, LADWP is working with the government and elected officials to expedite the SFB groundwater cleanup. The LADWP will seek to identify and hold polluters responsible and will seek their funding for the cleanup. In addition, LADWP will seek state and federal funding.



**Figure 2: 1,4-Dioxane Groundwater Plume (EPA, 2015. 2014 SFV Basinwide 1,4-Dioxane Plume Map).**



**Figure 3: TCE Plume Groundwater Plume (EPA, 2015. 2014 SFV Basinwide TCE) Plume Map).**



**Figure 4: PCE Groundwater Plume (EPA, 2015. 2014 SFV Basinwide PCE) Plume Map)**

### 2.3 Background on Groundwater Contamination and Superfund Program

During the Second World War and the construction and building boom of the 1940s, a number of companies produced pollutants in their manufacturing processes that have found their way into the ground and groundwater system.

Los Angeles is not the only area in the country that has experienced this type of groundwater and soil contamination. In fact, the United States Federal Government recognized this as a national problem and developed the Comprehensive Environmental Response and Compensation and Liability Act, (CERCLA), which is commonly known as the “Superfund.” The act was signed into legislation on December 11, 1980. The law created a tax on the chemical and petroleum industries and provided broad Federal authority to respond directly to releases or threatened releases of hazardous substances that may endanger public health or the environment.

The CERCLA (Superfund) legislation did the following:

- Established prohibitions and requirements concerning closed and abandoned hazardous waste sites;

- Provided for liability of persons responsible for releases of hazardous waste at these sites; and
- Established a trust fund to provide for clean-up when no responsible party could be identified.

The law authorizes two kinds of response actions, although there is some overlap in the definitions:

- Removal Actions, which are generally shorter-term actions taken to address releases or threatened releases requiring prompt response.
- Remedial Actions, which are generally longer-term response actions, that permanently and significantly reduce the dangers associated with releases or threats of releases of hazardous substances that are serious, but not immediately life threatening.

EPA listed major portions of the SFB on the EPA's "National Priorities List," making the area a Superfund Site. While inclusion on this list makes the site potentially eligible for federal funding, those funds are quite limited.

State and federal funding is becoming limited, so the LADWP and the City need to step in and take a leadership role in monitoring the groundwater. LADWP has been working with the EPA and the California Regional Water Quality Control Board, Los Angeles Region, for many years in conjunction with projects to help improve the San Fernando Groundwater Basin.

In 1987, EPA and LADWP signed a cooperative agreement providing federal funds to perform a RI of groundwater contamination in the San Fernando Valley.

In 1989, LADWP worked in conjunction with the EPA to construct the North Hollywood Operable Unit (NHOU). This facility was designed to provide treatment for groundwater extracted from the highly concentrated region of the VOC- contaminate plume. A \$20 million investigation, funded by EPA, was completed and included the installation of 89 monitoring wells and development of a project database, GIS system, and regional groundwater flow model which is regularly updated and currently in use for analyzing the groundwater around the City's major well fields.

In 1992, LADWP, in concert with EPA, completed the Remedial Investigation (RI), and in conjunction with the RI, EPA prepared a basin-wide Community Relations Plan (now referred to as a Community Involvement Plan), last updated in 1993.

Since 1992 LADWP's Water Quality Group provided water quality results to the DDW as required and subject to individual operating permits. This information is used by DDW and LADWP to help insure the meeting of regulatory limits.

In 2010, LADWP installed groundwater treatment units at the Tujunga Well field, which has allowed the reactivation of two of the City's supply wells. These units are permitted for pilot study and cannot be operated long-term without a permit from DDW.

Currently, the EPA is coordinating the basin-wide Superfund Remediation and is responsible for community involvement for the overall effort. LADWP seeks to have the beneficial uses of the groundwater restored in the SFB so that LADWP can utilize its entitlement of 87,000 acre-feet per year, plus any stored water credits while not impacting any current on-going groundwater extraction and treatment projects conducted by and/or overseen by EPA. EPA is continuing to focus its efforts in source and high-concentration contamination areas. LADWP is studying and planning response actions that would restore the beneficial uses of the aquifer in the vicinity of the LADWP well fields.

LADWP is studying potential response actions in various well fields in the SFB, which will involve LADWP preparing multiple RI/FS documents to describe the extent of contamination, determine interim remedial action objectives and cleanup levels, evaluate remedial alternatives, and develop a proposed response action that will be explained to the public. LADWP will seek input from the public on this analysis and information. The proposed response actions may be carried out in phases with one or more interim or final remedies to address the contamination in various parts of the SFB, and during remedial design and remedial action, as appropriate. All remedial actions will be coordinated with the Regional Board, EPA, and other relevant parties.

#### **2.4 Previous Investigations of the San Fernando Basin**

Since groundwater monitoring first detected concentrations of a variety of contaminants in the SFB in the 1980s, the EPA, LADWP, the cities of Glendale and Burbank, and other agencies, such as the SWRCB, LARWQCB and DDW, have joined in efforts to investigate and remediate the groundwater contamination. In 1986, the EPA placed four sites (also referred to as "Areas") in the eastern SFB on the NPL. Since that time, the EPA has selected several response actions to address the release of hazardous substances located in certain portions of the SFB (EPA 1987, 1989, 1993, 2004, 2009b, and 2014a). Though some progress has been made in investigating, containing and removing groundwater contaminants, full containment has not been achieved and some contaminant plumes are further migrating and expanding. LADWP is working in consultation with the EPA and LARWQCB to identify responsible parties and implement response actions in the SFB. LADWP also is investigating the feasibility of implementing response actions to address releases of hazardous substances that are not currently being addressed by the EPA or LARWQCB. Previous remedial investigations conducted by the EPA and other parties have served to delineate the nature and extent of contamination in specific areas of the SFB. Further investigations, implementation of treatment systems, and groundwater quality monitoring are ongoing to address the contamination identified by these studies.

In early 2015, the LADWP completed the SFB GSIS, which was a 6-year study

characterizing groundwater contamination within the SFB. Seventy-five (75) new monitoring wells were installed in twenty-six (26) locations to address data gaps. These new wells, along with a network of more than 67 existing wells, continued to be used to characterize the SFB's groundwater quality and develop groundwater remediation facilities for removing contamination from the City's major wellfields in the SFB. A comprehensive list of more than 400 chemicals were analyzed and then subjected to Level 2a data validation to ensure a robust and defensible data set (BC 2015).

Primary areas of concern within the SFB include the Tujunga (TJ), Rinaldi-Toluca (RT), North Hollywood (NH), and Pollock Well Fields. Due to the specific nature of the contamination in certain areas, LADWP decided on a discrete response action approach that consists of analyzing data and developing facilities for localized treatment/remediation at specific sites. Thus, treatment methods vary by individual wells and wellfields across the SFB.

Further details relating to the characteristics of the SFB are provided in the Report of Referee – Los Angeles v. San Fernando (SWRB 1962), the Remedial Investigation Report: Remedial Investigation of Groundwater Contamination in the San Fernando Valley (JMM 1992), the Focused Feasibility Study, North Hollywood Operable Unit (NHO), San Fernando Valley Area 1 Superfund Site, Los Angeles County, California (EPA 2009a), and the Groundwater System Improvement Study, Remedial Investigation Update Report (BC 2015a).

## **2.5 Background on Groundwater Contamination at the NHW Well Field**

In many areas of the SFB where LADWP holds extraction rights, past improper handling and disposal of industrial compounds, primarily used as solvents in manufacturing processes, have created contaminant plumes in the groundwater aquifer. In some areas, these plumes are widespread, and because they migrate downgradient in the aquifer, a number of LADWP's potable water wells have become contaminated.

The North Hollywood Well Field is one of LADWP's production well fields within the SFB. It is subdivided into three well fields, of which one is the NHW Well Field. The NHW Well Field is located along Vanowen Street just west of SR-170 (Hollywood Freeway). There are 14 production wells that make up the NHW Well Field. The wells are generally located in an L-shaped pattern, with eight wells in an east–west orientation along Vanowen Street and six wells located in the general vicinity of Whitsett Park in a north–south orientation parallel to SR-170. The 14 groundwater production wells were installed over a 60-year period between 1924 and 1984.

Groundwater monitoring indicates that 1,4-dioxane and other constituents like TCE and PCE have impacted or threaten beneficial use of groundwater in the vicinity of wells in the NHW Well Field. Elevated 1,4-dioxane concentrations in production wells resulted in the removal of seven NHW production wells from service between November 2014 and March 2015. The removal from service of the seven production wells resulted in a combined loss of more than 24,700 AFY or 65% of the total production capacity of the NHW Well Field.

Furthermore, the 1,4-dioxane plume threatens to migrate further in groundwater and impact additional production wells. Available groundwater data (quality and elevation) indicates that high concentrations of 1,4-dioxane and other constituents are present below a former landfill site and is migrating towards the NHW Well Field which is located hydraulically downgradient of the former landfill. The Regional Board is overseeing efforts by the former landfill site owner to characterize and develop a program to reduce further offsite migration of contamination, but a remedial program is not yet in place. In addition, the EPA has proposed that wells be installed to capture the offsite migration in the area between the source area (former landfill site) and the NHW Well Field. However, whether those wells will be installed and operated are currently unknown. Figure 2 presents the interpreted lateral extent of the 1,4-dioxane plume within the NHW Well Field area. Figures 3 and 4 present the interpreted lateral extent of the TCE and PCE plumes, respectively, within the NHW Well Field area.

By way of background, 1,4-dioxane is used as a chemical stabilizer for chlorinated solvents such as TCE and PCE. It is a colorless, flammable organic liquid. It is also an additive in many products, including paint strippers, dyes, greases, varnishes, and waxes. 1,4-dioxane is also found as an impurity in antifreeze and aircraft de-icing fluids and in some consumer products, such as deodorants, shampoos, and cosmetics. TCE is a halocarbon commonly used as an industrial solvent. It is a clear non-flammable liquid with a sweet smell. PCE is a colorless liquid widely used for dry cleaning of fabrics, and to degrease metal parts in the automotive and other metalworking industries, usually as a mixture with other chlorinated solvents. It has a sweet odor detectable by most people at a concentration of 1 part per million (1 ppm).<sup>2</sup>

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<sup>2</sup> 1,4 Dioxane: [www.epa.gov/sites/production/files/2014-03/documents/ffrro\\_factsheet\\_contaminant\\_14-dioxane\\_january2014\\_final.pdf](http://www.epa.gov/sites/production/files/2014-03/documents/ffrro_factsheet_contaminant_14-dioxane_january2014_final.pdf)

TCE: [www.epa.gov/sites/production/files/2016-04/documents/tce\\_fact\\_sheet\\_march\\_2016\\_0.pdf](http://www.epa.gov/sites/production/files/2016-04/documents/tce_fact_sheet_march_2016_0.pdf)

PCE: [https://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/3dc283e6c5d6056f88257426007417a2/f17f784b5a1b6c3b8825794c006325b3/\\$FILE/Vapor%20Intrusion%20PCE%20Fact%20Sheet\\_EPA%203\\_13%20174kb.pdf](https://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/3dc283e6c5d6056f88257426007417a2/f17f784b5a1b6c3b8825794c006325b3/$FILE/Vapor%20Intrusion%20PCE%20Fact%20Sheet_EPA%203_13%20174kb.pdf)



## 2.6 Institutional Partners

Several agencies were involved in the field work for the GSIS that will support the draft RI/FS for the NHW Well Field. Major agencies and their primary responsibilities are listed below.

| <b>Institutional Partner Agency</b>  | <b>Responsibilities/Roles</b>  |
|--|--|
| <b>LADWP</b>   | Program lead   |
| <b>U.S. Army Corps of Engineers</b>  | Well construction for 10 of the 26 wells   |
| <b>California Department of Public Health (CDPH)(now the Department of Drinking Water (DDW))</b> | Regulatory oversight and issuance of drinking water permit                               |
| <b>U.S. Environmental Protection Agency (EPA)</b>  | Federal Superfund oversight of contamination remediation; Constructed 1 of the 26 wells. |
| <b>L.A. Department of Transportation</b>   | Review and approval of traffic plan design and implementation                            |
| <b>L.A. Department of Public Works</b>   | Permit approvals   |

The monitoring well installation effort also went through the necessary permit process for the construction as well as the noise levels. Agencies and City of Los Angeles offices that were involved include:

- Los Angeles County Public Health
- City of Los Angeles Department of Public Works, Bureau of Engineering
- City of Los Angeles Department of Public Works, Bureau of Street Lighting
- City of Los Angeles, Department of Public Works, Bureau of Sanitation
- City of Los Angeles Department of Transportation
- Los Angeles Police Commission
- California Regional Water Quality Control Board, Los Angeles Region

## Section 3: Community Demographics and Target Audiences

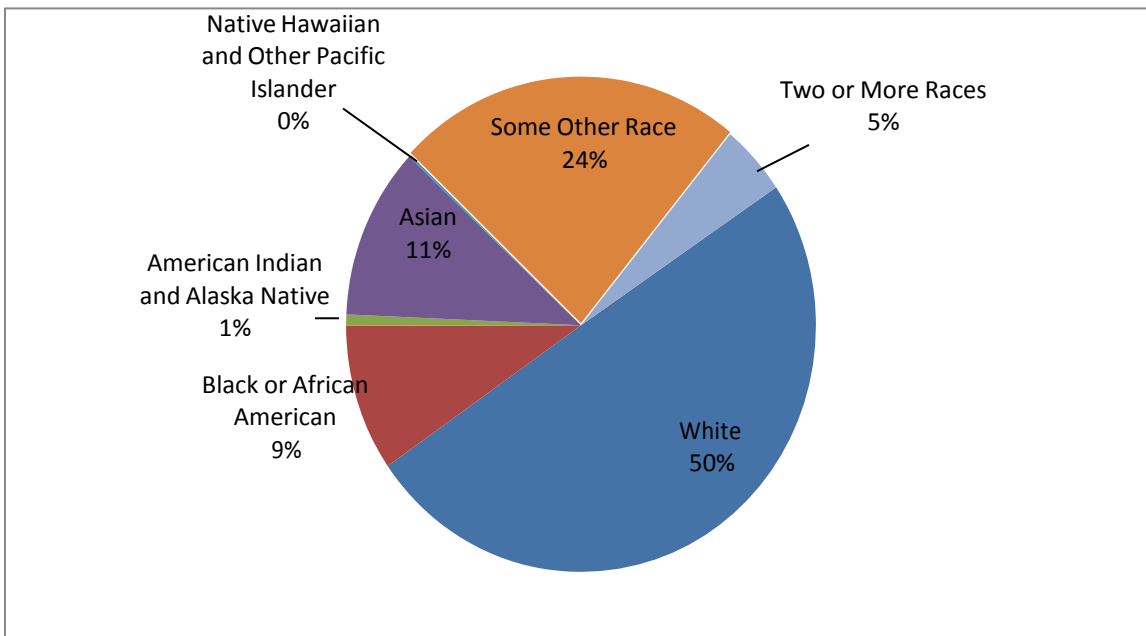
### 3.1 Demographics

**Governance:** The City of Los Angeles has adjudicated rights to approximately 87,000 acre-feet of groundwater per year in the San Fernando Valley Groundwater Basin. LADWP is a department of the City of Los Angeles and provides potable and recycled water to 676,000 residential, business, and industrial customers within the City of Los Angeles. LADWP is governed by a five-member Board of Commissioners appointed by the Mayor and approved by the Los Angeles City Council.

**Demographic Data:** The City of Los Angeles covers nearly 470 square miles and has a population over 4 million (based on US Census Bureau 2010). Median household income in the City of Los Angeles is \$50,028 per year. Additional relevant demographic data for the City of Los Angeles are as follows:

#### Demographic: Race & Ethnicity

Figure 5: City of Los Angeles Population Race



Of the total population, 48.5% reported being of Hispanic Origin/Ethnicity.

Source: Race, Hispanic or Latino, Age, and Housing Occupancy  
(2010 Census Redistricting Data, Public Law 94-171, Summary)

### Demographic: Language

|  |        |
|--|--------|
| Language other than English spoken at home, percentage 5+, 2007-2011 | 59.90% |
|--|--------|

### Demographic: Education

|  |        |
|--|--------|
| High school graduate or higher percent of persons age 25+, 2007-2011 | 73.90% |
| Bachelor's degree or higher percent of persons age 25+, 2007-2011    | 30.50% |

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report, Census of Governments

### 3.2 CIP Target Audiences

The Community Involvement Plan targets the following major audiences:

- Governance – Mayor and City Councilmembers
- San Fernando Valley Neighborhood Councils, Valley Alliance of Neighborhood Councils, Homeowner Associations, and other community and business groups (i.e. Chambers of Commerce, VICA, BOMA, etc.)
- Environmental and other interest groups (i.e. Water focused groups)
- Residential and commercial customers (City Council Districts 6, 2, 7, 12)
- Immediate neighbors of well drilling sites
- LADWP customers
- Potentially responsible parties (parties who may be responsible for paying response costs)
- General public

## **Section 4: Community Issues and Concerns**

### **4.0 Community Issues and Concerns Identified Early-On**

Based upon meetings with members of the community and LADWP's ongoing outreach to neighborhoods in the San Fernando Valley, the most important community issues and concerns were identified as follows:

#### **Regional**

- Restoration of local water supply
- Public health and safety

#### **At Well-Sites**

- Purpose of the drilling monitoring wells
- How the drilling impacts immediate neighbors' lives
- Safety of the wells

This CIP has also taken into consideration the key community issues that EPA documented in its San Fernando Valley Community Relations Plan, August 1993. Those key community issues and concerns were:

#### **Distribution of Information**

- Reach more people more effectively
- Inform South Los Angeles area about remediation efforts because this service area receives water from the North Hollywood Operable Unit

#### **Briefings to Local Governments**

- See Appendix A and B.

#### **Groundwater Issues**

- Similar to Regional Issues cited above

#### **Site Cleanup**

- Timeliness, costs, other issues affecting implementation of remediation

### **4.1 Community Outreach Summary**

This CIP has also taken into consideration the key community issues that LADWP has identified through its initial CIP in 2013, the May 2015 CIP, and the November 2015 Supplemental CIP. Those key community issues and concerns were: LADWP conducted community outreach prior to the installation of the first 25 monitoring wells and will continue public outreach until the completion of the remediation facilities. Community outreach performed has been in accordance with state and federal guidelines, including the National Contingency Plan (NCP).

Community outreach efforts included briefing elected officials, large customers, and the EPA about our findings. Presentations were also made to neighborhood

councils where community input, questions, and concerns were addressed. Local advertisement helps keep the public updated as well. Please refer to Appendix A and B for details on select individual outreach activities that have already been conducted.

## **Section 5: Community Involvement Activities and Timing**

### **5.0 Key Messaging and Outreach Objectives**

LADWP is in the process of studying conditions in the vicinity of the NHW Well Field and developing and evaluating the response actions to respond to releases of hazardous substances in groundwater in that area. This response action will be one in a series of response actions to address hazardous substance releases in groundwater necessary to restore the beneficial uses of a critical groundwater resource, which in turn would enable LADWP to access its full allotment of water supply resources in the LADWP portfolio. Key messages and outreach objectives include:

- Provide transparent and open communication regarding the contamination issues and the need for remediating contaminated groundwater
- Create awareness of and educate stakeholders about the remediation alternative measures/projects and receive input on same
- Once available, communicate the alternative strategies for restoring the beneficial use of groundwater in the area of the NHW Well Field in a manner that is protective of public health and the environment in a cost effective manner
- Meet regulatory requirements in a cost effective manner, to assist the ability of LADWP to maintain reliability and low rates
- Explain how restoring the beneficial uses of the basin will enable LADWP to access to its full allotment of groundwater supply, which is consistent with past and planned uses of the nature resource
- Create a dialogue and receive public input to help mitigate impacts of the proposed remediation, if any, and that provide opportunities for the public to be involved in the Superfund remediation process

### **5.1 Community Involvement Activities**

#### **5.1.1 Public Comment Periods**

LADWP intends to establish public comment periods upon the release of key documents, such as an draft RI/FS, proposed plan and related documents. The comment periods will be announced through the media outreach program outlined below to provide notice to interested parties. The notice will identify the length of the comment period and how comments can be submitted.

#### **5.1.2 Briefings**

If it is determined to be necessary and upon request, LADWP would conduct briefings for elected officials and key stakeholder groups to inform them of the response action, including the investigation, field activities, analysis of remedial alternatives, remedial design or remedial action.

### **5.1.3 Outreach to Elected Officials, Community-Based, Business, and Environmental Organizations**

LADWP will conduct outreach to elected officials, Community Based, Business and Environmental Organizations. This outreach will include providing notice of public comment periods and meetings and responding the public comments. Additional outreach will be conducted in response to requests for additional information, as appropriate.

The community-based groups include Valley Alliance of Neighborhood Councils (VANC) and individual Neighborhood Councils representing the project area and other Community Based Organizations upon request.

The groups identified to date who will receive such outreach include:

- Arleta Neighborhood Council
- Pacoima Neighborhood Council
- Arleta Neighborhood Watch
- North Hollywood Northeast Neighborhood Council
- NoHo West Neighborhood Council
- Pacoima Beautiful
- LADWP MOU Oversight Advisory Committee
- Arleta Business Watch VICA
- Los Angeles Chamber of Commerce
- TreePeople
- Heal the Bay
- Santa Monica Bay Keeper
- Friends of the Los Angeles River (FOLAR)
- Sierra Club

LADWP may also formally contact representatives of Council Districts 2, 6, 7, and 12, as well as other elected officials who request to be included on the list of interested parties.

LADWP will also engage in outreach with other interested stakeholders, such as potentially responsible parties. This outreach will include providing notice through the mailing list and engaging through the outreach programs outlined in the CIP.

### **5.1.4 Community Interviews**

LADWP has conducted extensive outreach to the community which informs the

preparation of this CIP. This work builds up on the information developed by EPA which also conducted community interviews the basin-wide Community Relations Plan prepared by that agency. LADWP interviews of the community occurred through numerous contacts with groups and/or offices in the community. These are outlined below.

LADWP interviewed 20 of these groups, with the contact dates listed below and/or in Appendix A and B.

1. United States Representative District 28: (10/28/14, 11/7/14)
2. State of California Assembly Member District 39
3. State of California State Senator District 20
4. City Council District 6 Councilmember or staff: (1/20/11, 9/7/12, 5/23/13, 9/12/13)
5. City Council District 2 Councilmember or staff: (2/26/13)
6. City Council District 7 Councilmember or staff: (1/28/13, 11/4/13)
7. Mayor of Los Angeles, San Fernando Valley Office: (7/11/2013, 9/19/2013, 8/20/14)
8. L.A. County Supervisorial District 3 – Supervisor or staff
9. Arleta Neighborhood Council President: (8/24/12, 12/18/12)
10. Neighborhood Council / LADWP MOU Oversight Committee Chair: (4/2/12)
11. Polytechnic High School Principal: (7/31/13)
12. Sun Valley High School Principal
13. Arleta High School Principal
14. Richard E. Byrd Middle School Principal: (8/1/13)
15. Ararat Charter School Principal: (8/7/13)
16. Erwin Elementary School Principal: (7/31/13, 8/7/13)
17. Grace Community Church Pastor
18. St. Genevieve Catholic Church & High School Pastor
19. Kaiser Permanente Hospital – Panorama City LADWP Acct. Mgr.: (12/14/11)
20. San Fernando Valley Japanese American Community Center President
21. Upper Los Angeles River Area (ULARA) Water Master: (8/20/14)
22. California DOT (CALTRANS)
23. TreePeople
24. Heal the Bay
25. Santa Monica Bay Keeper
26. Friends of the Los Angeles River
27. Arleta Neighborhood Watch: (8/23/12)
28. Pacoima Neighborhood Council (NC): (2/4/12, 3/21/12, 2/4/13)
29. North Hollywood Northeast NC: (2/21/13, 7/25/13)
30. North Hollywood West NC: (2/27/13)
31. Los Angeles Department of Parks and Recreation: (12/5/11)
32. Los Angeles Department of Public Works: (12/2010, 1/2011, 9/9/2011)
33. Los Angeles Department of Transportation: (12/16/10)



The CIP has been updated based upon information received through the community outreach. Potential interview questions are included in Section 6.0. LADWP will continue, as necessary, to conduct outreach and interviews about the response action in the vicinity of the NHW Well field and to solicit further insights regarding effective community outreach in the project area.

### **5.1.5 Community Acceptance Analysis**

LADWP will review and respond to community input, questions and concerns received as part of the outreach process related to the NHW Well Field, including comments received during the public comment period and at the public meeting for any proposed response action.

### **5.1.6 Media Relations**

LADWP will publicize the public meetings and public comment periods related to the NHW Well Field response action, including for any draft RI/FS, proposed plan or other similar document, through an advertisement in a local newspaper.

### **5.1.7 Postings on LADWP Website**

The LADWP website will be updated with the RI/FS and related documents. The website shows complete information regarding the project including background, history, and construction and operation updates. Contact information for the Community Relations Office was posted on the website, which was utilized as the project hotline number.

The website continues to be updated as needed. Key information will be available to the public via the website, including details about the availability of the documents for public review and comment, such as an draft RI/FS or proposed plan. LADWP will also use the website to publicize public meetings to discuss the response action activities, answer questions, and receive comments.

If LADWP is aware of other partner agencies (e.g. EPA or LARWQCB) holding significant public meetings or hearings related to contamination in the NHW Well Field, those public meetings will also be publicized in advance on the LADWP website. Additional notification of target audiences (e.g. mailings) will be implemented by LADWP as needed.

The website address is: [www.ladwp.com/remediation](http://www.ladwp.com/remediation)

### **5.1.8 Postings on Community Partners' Websites**

Upon request, LADWP will prepare and distribute very brief project-related announcements to community partners to post on their respective websites.

### **5.1.9 Public Hotline**

A project hotline that went to a dedicated voicemail box was set up for callers. The number was: (213) 367-0107. In April 2013, the project hotline voicemail box was phased out to direct customers to the Community Relations Office in order to ensure a timely response to customer concerns, and the telephone number utilized in public notifications was changed to (213) 367-1361.

### **5.1.10 Collateral Materials Targeting Neighbors in the Vicinity of Remedial Action**

If a remedial action will affect neighbors, due to construction or otherwise, LADWP's Communications Group will prepare: NHW Well Field RI/FS Fact Sheet in English and Spanish Project Frequently Asked Questions (FAQs) in English and Spanish to provide information to affected citizens.

### **5.1.11 Community Meetings**

When key documents are available for public review and comment, LADWP will conduct a community meeting for residents, businesses and other interested parties, such as potentially responsible parties. These would include, for example, RI/FS reports, proposed plans and related documents. Notice of the meeting would be provided through the LADWP website and other community outreach as specified herein.

### **5.1.12 Outreach to Neighbors and Responses to Calls and Inquiries**

Once LADWP adopts a plan for the NHW interim remedial action, LADWP will develop the collateral materials mentioned above primarily for use in outreach to neighbors of the project area including a fact sheet and FAQs in English and Spanish. Outreach will be coordinated with the office of the respective City Councilmember.

### **5.1.13 Project Site Mailing List**

LADWP will develop a project site mailing list of residents and businesses near to the proposed remediation project. Elected representatives, neighborhood councils, other residential/business associations, and sensitive land uses in the general vicinity (e.g. hospitals and schools) will be notified as well. Mailing lists are available upon request; contact information provided by LADWP will protect the privacy of individual members of the public as necessary and appropriate.

#### **5.1.14 Public Repository for the Administrative Record and Relevant Public Information**

LADWP has established four public information repositories in the Los Angeles region have been established for the San Fernando Basin Superfund project: one in Downtown Los Angeles, two are in cities other than Los Angeles (see below), and one at a nearby Los Angeles public library. This last location (Panorama City Public Library) was established in response to feedback from elected officials for a more local repository to be established.

Important information made available to the public through the repository includes the GSIS work plan, a summary of monitoring results, fact sheets, and the project CIP. The repository will also include other documents related to the NHW response action, including the Interim RI/FS, proposed plan, Human Health Risk Assessment and other documents relating to the NHW response action. The purpose of maintaining the repositories is so the public can keep informed of project developments as they occur, reducing the likelihood of misinformation, lack of information, or speculation.

The repositories are located as follows:

**City of Burbank Public Library**

110 North Glenoaks Street  
Burbank, CA 91502  
(818) 238-5880

**City of Glendale Public Library**

222 East Harvard Street  
Glendale, CA 91205  
(818) 548-2021

**City of Los Angeles Technical Central Library**

630 West 5<sup>th</sup> Street  
Los Angeles, CA 90071  
(213) 228-7216

**Panorama City Public Library**

14345 Roscoe Boulevard  
Panorama City, CA 91402  
(818) 894-4071

### **5.1.15 Public Notification Upon Release of the Remedial Documents for NHW Well Field**

Upon completion of remedial documents, such as a draft RI/FS Report for the NHW Well Field, Proposed Plan and related documents, LADWP will publish a notice of availability in a major local newspaper of general circulation, which notice will announce the availability of the documents, a public comment period, and a public meeting. LADWP will also publicize and hold a public meeting to allow the public opportunity to learn the key findings contained in the draft RI/FS Report and Proposed Plan, and to provide comments to the City of Los Angeles. The meeting will be held in the San Fernando Valley after the documents have been made available to the public in the Information Repositories and on the LADWP website. LADWP will also provide such notice to those listed on the mailing list.

The public will be encouraged to provide comments on the documents related to the response action, including the RI/FS and Proposed Plan and related documents. The LADWP will consider and summarize public comments and the agency's response to those comments. The summary and responses will become part of the Administrative Record available to the public at the Public Information Repositories.

### **5.1.16 Community Involvement Coordinator**

LADWP has appointed a community involvement coordinator to facilitate engagement of the community. The name and contact information of the current community involvement coordinator is as follows. Updates to this information will be posted on the LADWP website as necessary:

Name: Evelyn Cortez-Davis  
Contact information: Phone (213) 367-3564

## **5.2 Timing of Community Involvement Activities**

### **5.2.1 Well-site Focused Outreach Timeline**

The prior CIP documents outlined the CIP procedures employed for field work conducted by LADWP that supports the RI for the NHW response action. This section summarizes the type of community outreach that took place for that work:

- Elected Official briefings began with CD 6 in early spring 2011.
- Other elected officials, primarily affected City Council districts, were briefed in advance of well drilling within their respective districts. CD 2 and CD 7 were also affected and thoroughly briefed.
- Letters/door hangers to impacted residents were prepared in spring
- Collateral materials – FAQs and a project fact sheets -- were completed in December 2011.
- Collateral materials – FAQ, project fact sheets and door hangers – were updated in April 2013.

- Approximately one month prior to the startup of drilling operations: Immediate neighbors of well sites were notified in writing, which included the letter/door hanger and collateral materials mentioned above.
  - The Neighborhood Council representing the impacted neighborhood received a briefing and/or presentation.
  - A community meeting was held for the broader residential and business public as requested by the Council Office.
  - Relevant information was posted on LADWP's website.
- Approximately one to two weeks prior to the startup of drilling a new monitoring well, LADWP delivered a construction notification to the closest 25-30 neighbors. LADWP also implemented the media relations strategy described in 5.1.6 above.

Similar outreach will be developed if LADWP plans to install additional wells for the future NHW Well Field investigation.

## **5.2.2 Outreach Timeline for Public Review and Comment on the draft RI/FS Report, Proposed Plan and Related Documents**

Upon completing the draft RI/FS Report and Proposed Plan, certain key outreach activities must take place:

Fact sheets and FAQs will be updated during the detailed analysis of alternatives to present key findings and conclusions of the draft RI/FS and Proposed Plan. They will be updated again upon the completion of that report. These will be distributed to neighbors of the well sites, their respective Neighborhood Councils, as well as the interested parties included in the project database (See 5.1.3 and 5.1.10 above). Fact sheets, FAQs, and updated versions will be placed in the public information repositories as well.

The updated information will be added to the Public Information Repository (See 5.1.14 above).

A press release summarizing the highlights of draft RI/FS Report will be prepared and distributed to all appropriate local and citywide media included in the project database (See 5.1.6 above).

LADWP will notify the public of the availability of the RI/FS Report, Proposed Plan and related documents and a corresponding public meeting. Included in the public notice will be a deadline for the public to provide comments on the document. LADWP will provide at least 30 days for the public to comment either in writing or orally at a public meeting (See 5.1.1 and 5.1.15 above).

A public meeting, attended by LADWP technical and outreach staff, will be held after official public notification. Comments on the draft RI/FS Report, Proposed Plan and related documents will be recorded by a court reporter who will prepare a meeting transcript (See 5.1.15 above).

Following the public meeting, LADWP will summarize and respond to public comments. Comments received in writing will be included in the summary along with LADWP responses (See 5.1.15 above).

The Administrative Record in the Public Information Repository will be updated to include the summary of comments and LADWP responses (See 5.1.15 above).

Upon finalizing the draft RI/FS Report, LADWP will:

- Place copies of the final Report in the Public Information Repositories.
- Publish a notice of availability of the final Report in a major local newspaper with general circulation.

### **5.2.3 Outreach Timeline for Remedial Design and Remedial Action**

Once a remedy is selected, the next stages of the response action will be remedial design and then remedial action. During those phases, LADWP will continue its community involvement activities including posting information on its website, providing public notices and other community outreach activities consistent with the requirements of the NCP.

Prior the initiation of the remedial design phase after the selection of the remedy, the LADWP will review the CIP to determine whether it should be revised to describe further public involvement activities during RD/RA that are not already addressed or provided for in this CIP. After the completion of the final engineering design, LADWP will issue a fact sheet and provide, as appropriate, a public briefing prior to the initiation of the remedial action.

## Section 6: Community Interview Questions

LADWP collected interview information from the community through meetings with community members. Neighborhood Council Meetings, Community Meetings, and councilmember briefings were held to inform the public about the response actions being investigated in the basin. Dates for the corresponding meetings are found in Appendix A and for each District are organized by well in Appendix B. Additionally, neighbor outreach and individual concerns were addressed at each well site, which is also summarized in Appendix B.

The following list of potential, interview questions was used as a guide to gather the necessary input.

1. LADWP currently is preparing a comprehensive study for the best options to improve its groundwater system. The study includes informing and engaging members of the public. Do you have any advice for us?
  - a. About talking with your members/constituents regarding groundwater as a local source of water for Los Angeles?
  - b. How to get people involved in meetings and other outreach for the groundwater study? How do you get people involved?
2. Public participation is an important component to the success of the groundwater study effort. Who would you recommend we ask to participate in meetings, and/or give presentations to?
3. Where do people that you represent like to meet? Do you have any recommendations? (For example: City Council field office; schools; regional City Halls e.g., San Fernando Valley, Los Angeles Harbor area; other.)  
Do you think it is more efficient to meet people at Neighborhood Council meetings rather than hold separate project-specific meetings?
4. We want to inform the public and answer all of their questions related to the use and quality of water from our groundwater basins. Do you have any concerns about it?  
People will look to their leaders as a barometer of whether improving the groundwater system is a good thing or not. So, if you have any reservations about that or questions, we'd like to hear them and get information to you.

5. We have also placed information about the groundwater systems study on LADWP's website. Do you think your constituents will take the time to find out about this project by going to the website?

(If YES)—Would you help us by including an announcement about the website in your own website (or newsletter)?

(If NO)—Are there other ways you'd recommend getting the word out?

6. We are setting up a “repository” of information related to the groundwater system study. It is going to be located at: (library name/address). We simply want to make sure you are aware that these resources will be readily available for the community. The same information will be available at other locations in Los Angeles, Burbank, and Glendale.



## **Section 7: Key Contact List**

### **Key Community Leaders, Sensitive Land Uses, and Interested Parties**

#### **Elected Officials**

##### **United States Representative (Congressman) District 30 Brad Sherman**

5000 Van Nuys Blvd., Suite 420  
Sherman Oaks, CA 91403  
Phone: (818) 501-9200

##### **United States Representative (Congressman) District 29 Tony Cardenas**

8134 Van Nuys Blvd., Suite 206  
Panorama City, CA 91402  
Phone: (818) 781-7407

##### **United States Representative District 28 Adam Schiff**

5500 Hollywood Blvd, Suite #416  
Los Angeles, CA 90028  
Phone: (323) 315-5555

##### **State of California Assembly Member District 39 Raul Bocanegra**

TBD (will take office in late 2016)

##### **State of California Assembly Member District 46 Adrin Nazarian**

6150 Van Nuys Blvd Suite 300  
Van Nuys, CA 91411  
Phone: (818) 376-4246

##### **State of California State Senator District 18 Robert Hertzberg**

6150 Van Nuys Blvd., #400  
Van Nuys, CA 91401  
Phone: (818) 901-5588

##### **City Council District 2 – Councilmember Paul Krekorian**

200 N. Spring St., Room 435  
Los Angeles, CA 90012  
Phone: (213) 473-7002

##### **City Council District 6 – Councilmember Nury Martinez**

200 N Spring St, Ste. 470  
Los Angeles, CA 90012  
Phone: (213) 473-7006

**City Council District 7 – Currently Vacant**

(New member will be elected in mid 2017)

**City Council District 12 – Councilmember Mitchell Englander**

200 N. Spring St., Room 405

Los Angeles, CA 90012

Phone: (213) 473-7012

**L.A. County Supervisorial District 3-Supervisor Sheila Kuehl**

821 Kenneth Hahn Hall of Administration

500 W. Temple St.

Los Angeles, CA 90012

Phone: (213) 974-3333

San Fernando Valley District Office

7555 Van Nuys Blvd. Suite 1

Van Nuys, CA 91405

Phone: (818) 901-3831

**Neighborhood Councils**

**Arleta Neighborhood Council**

President: Jim Kallas (818) 897-4908, [jkallas@arletanc.org](mailto:jkallas@arletanc.org)

Vice-President: Saul Perez (818) 326-3789, [sperez@arletanc.org](mailto:sperez@arletanc.org)

Community Improvement Committee: Benny Bernal (818) 314-5479,  
[bbernal@yahoo.com](mailto:bbernal@yahoo.com)

Website: [www.arletanc.org](http://www.arletanc.org)

**Neighborhood Council / LADWP MOU Oversight Committee**

Tony Wilkinson, Chair (818) 785-9355, [lawilkinson@acm.org](mailto:lawilkinson@acm.org),  
[slotony@gmail.com](mailto:slotony@gmail.com)

Chuck Ray, Vice-Chair (310) 869-6566, [chuck@marvista.org](mailto:chuck@marvista.org)

## **Sensitive Land Uses**

### **Polytechnic High School (also math/science magnet)**

Principal: Loera Gerardo  
12431 Roscoe Blvd.  
Sun Valley, CA 91352  
Phone: (818) 394-3600

### **Sun Valley High School**

Principal: Gary S. Gray  
9171 Telfair Ave.  
Sun Valley, CA 91352  
Phone: (818) 394-4600

### **Arleta High School**

Principal: Linda A. Calvo  
14200 Van Nuys Blvd.  
Arleta, CA 91331  
Phone: 818-686-4100

### **Richard E. Byrd Middle School (also math/science magnet)**

Principal: Sondra H. Reynolds  
8501 Arleta Ave.  
Sun Valley, CA 91352  
Phone: (818) 394-4300

### **Vena Elementary School**

Principal: Maria E. Nichols  
9377 Vena Ave.  
Arleta, CA 91331  
Phone: (818) 896-9551

### **Canterbury Elementary School**

Principal: Graciela L. Rodriguez  
13670 Montague St.  
Arleta, CA 91331  
Phone: (818) 892-1104

### **Grace Community Church**

Church Administrator: Jonathan Rourke  
13248 Roscoe Blvd.  
Sun Valley, CA 91352  
Phone: (818) 909-5500

### **St. Genevieve Catholic Church & High School**

High School Principal: Dan Horn  
14061 Roscoe Blvd.  
Panorama City, CA 91402-4214  
Phone: (818) 894-2261

**Kaiser Permanente Hospital – Panorama City**

13651 Willard St.  
Panorama City, CA 91402  
Phone: (818) 375-2000

Human Resources – Central Medical Office Building

13652 Cantara St.  
Panorama City, CA 91402  
Phone: (818) 375-3401

**San Fernando Valley Japanese American Community Center**

Karl K. Nobuyuki, President  
12953 Branford St.  
Pacoima, CA 91311  
Phone: (818) 899-1989

**Erwin Street Elementary School/Ararat Charter School (Shared Campus)**

Principal: Mr. McClay  
13400 Erwin St  
Van Nuys, CA 91401  
Phone: (818) 988-6292

**Ararat Charter School**

Principal: Mr. Vahe Boujekian  
13400 Erwin St  
Van Nuys, CA 91401  
Phone: (818) 787-9527

**Interested Agencies**

**Upper Los Angeles River Area (ULARA) Water Master**

Richard C. Slade & Associates, LLC  
12750 Ventura Bl. #202  
North Hollywood, CA 91606  
Phone: (818) 506-0418

**CALTRANS / Flatiron Construction Corp. - 1-5/170 Widening Project**

Emile R. Eid - CALTRANS Project Manager  
9215 Cranford Ave.  
Pacoima, CA 91331  
Phone: (818) 788-3303

Toby Krutz - Flatiron Construction Project Manager

9215 Cranford Ave.  
Pacoima, CA 91331  
Phone: (818) 252-3897

**California Water Resources Control Board, Division of Drinking Water (DDW)**

District 15 – Metropolitan  
500 North Central Avenue, Suite 500  
Glendale, CA 91203  
Phone: (818) 551-2004

**United States Environmental Protection Agency (EPA)**

Pacific Southwest, Region 9  
75 Hawthorne Street  
San Francisco, CA 94105

**Los Angeles Regional Water Quality Control Board (LARWQCB)**

Groundwater Division – Remediation Section  
320 West Fourth Street, Suite 200  
Los Angeles, CA 90013  
Phone: (213) 576-6600

**California Department of Toxic Substances Control (DTSC)**

Regulatory Assistance Office  
P.O. Box 806  
Sacramento, CA 95812  
Phone: (800) 728-6942

**Interested Parties**

The Interested Parties listed below are Environmental groups who are frequently involved in LADWP outreach efforts and are interested in activities involving the San Fernando Basin, as it relates to both the environmental protection and water supply. These groups have also shown an interest in the LADWP recycled water community committee. Interested parties also include those who may be held accountable for funding and/or conducting the remediation activities and/or with historic activities at or near the NHW Wellfield.

**TreePeople**

12601 Mulholland Drive  
Beverly Hills, CA 90210  
Phone: (818) 623-4862

**Heal the Bay**

1444 9th Street  
Santa Monica, CA 90401  
Phone: (310) 451-1500

**Santa Monica Baykeepers**

120 Broadway, Suite 105  
Santa Monica, CA 90401  
Phone: (310) 305-9645

**Friends of the Los Angeles River (FOLAR)**

Los Angeles River Center and Gardens  
570 W. Ave 26 #250  
Los Angeles, CA 90065  
Phone: (323) 223-0585

**CalMat Company dBA Vulcan Materials Company, Inc.**

7245 Laurel Canyon Blvd.  
North Hollywood, CA 91605  
1200 Urban Center Drive  
Birmingham, AL 35242

**Marfred Industries**

12323 Sherman Way  
North Hollywood, CA 91605

**Electromatic, Inc.**

7351 Radford Avenue  
North Hollywood, CA 91605

**Great Western Chemical Co.**

7243 Coldwater Canyon Ave.  
North Hollywood, CA 91609

**Gregam Tech Autobody Inc.**

7103 Laurel Canyon Blvd.  
North Hollywood, CA 91605

**J. Schwartzman Manufacturing and Supply Co.**

7040 Laurel Canyon Blvd.  
North Hollywood, CA 91605

**F&H Plating**

12023 Vose Street  
North Hollywood, CA 91605

**Catalina Paints**

7107 Radford Avenue  
North Hollywood, CA 91605

**Catalina Industries**  
11919 Vose Street  
North Hollywood, CA 91605

**Gold Star Plating Corp.**  
7222 Varna Ave.  
North Hollywood, CA 91605

**Somers & Elmores Plating, Inc.**  
12134 Sherman Way  
North Hollywood, CA 91605

**Sprayco, Inc.**  
12600 Saticoy Street  
North Hollywood, CA 91605

**Storage Equities PS Partners**  
12510 Raymer Street  
North Hollywood, CA 91605

**Young Electronics Company, Inc.**  
7341 Greenbush Ave  
North Hollywood, CA 91605

**Electrofilm Inc.**  
12021 Vose Street  
North Hollywood, CA 91605

**Specialty Coating & Chemicals Inc.**  
7360 Varna Avenue  
North Hollywood, CA 91605

**Thomson Electroplating**  
13900 Saticoy Street  
Van Nuys, CA 91402

## **Section 8: Public Information Materials and Public Outreach**

### **8.0 Public Information Materials and Summary of Public Meetings and Outreach**

This section includes public information materials distributed to residents about the draft RI/FS, including letters, notices, and fact sheets.

#### **8.1 General Public Information (Collateral) Materials**

- Template letter of notification (English and Spanish versions)
- Template fact sheets (English and Spanish versions)
- Template FAQs (English and Spanish)
- Construction Site Sample Banner
- Materials for Presentations and Briefing



Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

| Meeting / Activity/<br>Documentation <sup>1,2</sup> | Date (chronological<br>order: recent -<br>oldest) | Attendees<br>(Agencies/Groups) | Topics/ Discussions/ Key<br>Decisions | Related<br>Documentation <sup>3</sup> |
|---|---|--------------------------------|---------------------------------------|---------------------------------------|
|---|---|--------------------------------|---------------------------------------|---------------------------------------|

### APPENDIX A: Summary of Communications

|  |                        |   |  |  |  |
|--|------------------------|---|--|--|--|
| Meeting with USEPA (Quarterly)   | Early 1990's - Present | Paul Liu/Hadi Jonny/<br>Vahe Dabbaghian | LADWP, EPA & Water agencies such as Burbank OU & Glendale OU   | LADWP Discusses all the issues related to NHOU and Groundwater in the SFB. |  |
| ULARA Integrated Resources Working Group   | 10/25/2016             | Todd Rother                             | ULARA Integrated Resources Working Group   | SFB Remediation program  | Presentation: 20161025 LA IRWM REMEDIATION                             |
| 46th Assembly District Tour – Water Summit<br>LADWP Tujunga Pump Station and Spreading Grounds             | 9/23/2016              | Evelyn Cortez-Davis                     | 46th Assembly District Staff,<br>LADWP: Evelyn Cortez-Davis  | San Fernando Groundwater Basin Remediation and other LADWP water issues.   | Presentation: WaterIssuesBriefing-Nazarian_LADWP_Cortez-Davis2016-0923 |
| Groundwater Resource Association Conference 2016   | 9/8/2016               | Evelyn Cortez-Davis                     | Evelyn Cortez-Davis  | Groundwater Remediation Program  | Presentation: GRA2016Conference_GroundwaterRemediationProgram          |
| Groundwater Convening  | 8/24/2016              | Evelyn Cortez-Davis                     | Evelyn Cortez-Davis  | Update for the Groundwater Convening working group                         | Presentation: 8-24-2016 - Groundwater Convening Presentation-V2        |
| Meeting with the State Water Resource Control Board - Division of Financial Assistance                     | 8/4/2016               | Evelyn Cortez-Davis, Kim Ohara          | SWRCB, EPA, LADWP: Todd Rother, Kurt Wells, William Van Wagoner, Evelyn Cortez-Davis, Michelle Lyman, Kim Ohara, Theresa Kim                         | Prop 1 Funding application for remediation projects                        | Presentation: SFB Groundwater Remediation DFA Presentation (20160804)  |
| Meeting with the Arleta Area Neighborhood Councils and Residents to discuss all LADWP projects in the Area | 6/13/2016              | Evelyn Cortez-Davis                     | Arleta Area Neighborhood Councils, Mission Hills NC, North Hollywood West NC, Citizens Coalition for a Safe Community<br>LADWP: Evelyn Cortez-Davis, | LADWP's Arleta Area Projects Townhall                                      | Presentation: Arleta Area Projects 2016.06.13                          |

Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

| Meeting / Activity/<br>Documentation <sup>1,2</sup> | Date (chronological<br>order: recent -<br>oldest) | Attendees<br>(Agencies/Groups) | Topics/ Discussions/ Key<br>Decisions | Related<br>Documentation <sup>3</sup> |
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|   |            |  |  |   |
|---|------------|--|--|---|
|   |            |  | Rafael Villegas, Art Castro, Bill Van Wagoner  |   |
| Meeting with DDW  | 6/1/2016   | William Van Wagoner<br>Evelyn Cortez-Davis | LADWP: Martin Adams, Susan Rowghani, Albert Gastelum, William Van Wagoner, Evelyn Cortez-Davis, Paul Liu, Kurt Wells, Todd Rother<br>DDW: Cindy Forbes, Chi Diep, Kurt Souza, Susan Brownstein | Remediation Program Update<br><br>Presentation: Presentation for Annual DDW 20160601  |
| 46th Assembly District Tour – Staff Retreat<br>LADWP Tujunga Pump Station and Spreading Grounds | 12/11/2015 | Evelyn Cortez-Davis                        | 46th Assembly District Staff,<br>LADWP: Evelyn Cortez-Davis  | San Fernando Groundwater Basin Remediation and other LADWP water issues.<br><br>Presentation: 2015-12-11 AsmNazarian_Staff_Retreat                            |
| Meeting with the State Water Resource Control Board - Division of Financial Assistance          | 11/12/2015 | Evelyn Cortez-Davis, Kim Ohara             | SWRCB, EPA, LADWP: Todd Rother, Kurt Wells, William Van Wagoner, Evelyn Cortez-Davis, Michelle Lyman, Kim Ohara, Theresa Kim   | Prop 1 Funding pre-application for remediation projects<br><br>Presentation: Preapplication Presentation for SWRCB 11_12_2015 (TR3)                           |
| City of Los Angeles - City Council: Energy and Environment Committee                            | 10/7/2015  | Martin Adams, Susan Rowghani               | LADWP: Martin Adams, Bill Van Wagoner, Susan Rowghani, Evelyn Cortez-Davis   | Board presentation for approval of Owner's Agent for the San Fernando Groundwater Remediation Program<br><br>Presentation: Owners Agent EE Committee_20151007 |

Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

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|---|---|------------------------------------|--|--|---|
| 46th Assembly District Tour –<br>Agriculture President's Council<br>LADWP Tujunga Pump Station and<br>Spreading Grounds | 10/6/2015   | Evelyn Cortez-Davis                | 46th Assembly District -<br>Agriculture President's Council  | San Fernando Groundwater<br>Basin Remediation  | Presentation: 2015-<br>1006_AsmNazarian<br>_TujungaTour-<br>AgPresidentsCouncil |
| LADWP Board of Water and Power<br>Commissioners   | 9/8/2015  | Martin Adams,<br>Susan Rowghani    | LADWP: Martin Adams, Bill Van<br>Wagoner, Susan Rowghani,<br>Evelyn Cortez-Davis   | Board presentation for approval<br>of Owner's Agent for the San<br>Fernando Groundwater<br>Remediation Program | Presentation: LADWP<br>Board_V5_20150908  |
| Meeting with the State Water<br>Resource Control Board - Division of<br>Financial Assistance                            | 8/25/2015   | Evelyn Cortez-<br>Davis, Kim Ohara | SWRCB, EPA, LADWP: Todd<br>Rother, Kurt Wells, William Van<br>Wagoner, Evelyn Cortez-Davis,<br>Michelle Lyman, Kim Ohara,<br>Theresa Kim                                     | Remediation Program and Prop<br>1 Funding  | Presentation: Prop 1 SWRCB<br>20150825  |
| Meeting with DDW  | 7/82015   | Ani Siyahian                       | LADWP: Paul Liu, Melinda Rho,<br>Kurt Wells, Evelyn Cortez-<br>Davis, Todd Rother, Vahe<br>Dabbaghian, Khadija Durbas,<br>Ani Siyahian<br>DDW: Chi Diep, Susan<br>Brownstein | Rinaldi Toluca and North<br>Hollywood West Conceptual<br>VOC and 1,4 Dioxane Treatment<br>Processes            | Presentation: DDW RT&NHW -<br>07082015-V3                                       |
| LADWP Independent Advisory Panel<br>for Groundwater Replenishment   | 6/11/2015   | Evelyn Cortez-Davis                | LADWP: Evelyn Cortez-Davis,<br>Dave Pettijohn, William Van<br>Wagoner, Susan Rowghani,<br>Albert Gastelum, Serge<br>Haddad, Greg Reed, Mario<br>Acevado                      | Update on the groundwater<br>remediation program   | Presentation: RW IAP Conference<br>20150611                                     |

Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

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|---|---|---|---|--|
| Meeting with DDW  | 5/27/2015   | Todd Rother                                   | LADWP: Paul Liu, Melinda Rho,<br>Kurt Wells, Evelyn Cortez-<br>Davis, Todd Rother, Vahe<br>Dabbaghian, Khadija Durbas,<br>Ani Siyahian<br>DDW: Chi Diep, Susan<br>Brownstein                                  | 97-005 Section 1<br><br>Presentation: DDW 97-005<br>Sections 1 20150527  |
| Meeting with DDW  | 4/30/2015   | Evelyn Cortez-Davis                           | LADWP: Paul Liu, Melinda Rho,<br>Kurt Wells, Evelyn Cortez-<br>Davis, Todd Rother, Vahe<br>Dabbaghian, Khadija Durbas,<br>Ani Siyahian<br>DDW: Chi Diep, Susan<br>Brownstein                                  | North Hollywood West Wells -<br>1,4 Dioxane Update<br><br>Presentation: DDWHewitt Pit<br>20150430                          |
| Meeting with DDW  | 3/31/2015   | William Van<br>Wagoner<br>Evelyn Cortez-Davis | LADWP: Martin Adams, Susan<br>Rowghani, Albert Gastelum,<br>William Van Wagoner, Evelyn<br>Cortez-Davis, Paul Liu, Kurt<br>Wells, Todd Rother<br>DDW: Cindy Forbes, Chi Diep,<br>Kurt Souza, Susan Brownstein | Remediation Program Update<br><br>Presentation: Annual DDW GW<br>Presentation 20150331                                     |
| Meeting: South Los Angeles Initiative<br>Community Advisory Board | 3/24/2015   | Martin Adams                                  | LADWP: Martin Adams, Evelyn<br>Cortez-Davis<br>South Los Angeles Initiative<br>Community Advisory Board   | Local groundwater and recycled<br>water, Conservation program<br><br>Presentation: South LA Initiative-<br>CAB 20150324_R2 |

Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

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|---|---|--------------------------------|---|---|--|
| Briefing for Westchester Rotary Club                | 12/10/2014  | Greg Reed<br>Serge Haddad      | Westchester Rotary Club<br>Serge Haddad, Julian Villa<br>Anthony Tew, Greg Reed | <p>Topics included:</p> <ul style="list-style-type: none"> <li>- Water Sources and Issues</li> <li>- CA Drought Emergency</li> <li>- Diversifying LA's Water Supplies</li> <li>- LA's Local Groundwater Rights</li> <li>- LA's Groundwater Usage</li> <li>- LA's Groundwater in Storage</li> <li>- Overview of LA's Groundwater Adjudication</li> <li>- CA Sustainable Groundwater Management Act</li> <li>- SFB Overview</li> <li>- SFB Contaminant Plume and COCs</li> <li>- Impacted SFB production wells</li> <li>- USEPA Superfund Program in SFB</li> <li>- LADWP Remediation Sys in SFB</li> <li>- GSIS monitoring wells / SFB characterization</li> <li>- Remediation Technologies and Configurations</li> <li>- Remediation Timeline, Estimated Costs</li> <li>- SFB Remediation Program Funding Options</li> <li>- Groundwater Development Activities</li> <li>- Local Water Supply Development Goals</li> <li>- Advocate for support of groundwater remediation</li> </ul> | Groundwater for Los Angeles - Westchester Rotary Club - Dec 10, 2014.pdf |

Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

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|---|---|--------------------------------|---|--|---|
| Briefing for Office of Congressman<br>Adam Schiff   | 11/7/2014   | Bill Van Wagoner               | LADWP<br>Furman Group<br>Colleen Oinuma, 28th US<br>Congressional District<br>Courtney Fogwell, 28th<br>Congressional District  | Topics included:<br>- CA Water Sources and Drought<br>Issues<br>- Local Water Reliability<br>Initiatives<br>- LADWP's Drought Response<br>- ULARA / SFB Overview &<br>Water Rights<br>- SFB Contaminant Plume<br>- LADWP's impacted SFB<br>groundwater wells<br>- USEPA Superfund Program in<br>SFB<br>- LADWP Remediation Sys in<br>SFB<br>- South SFB Remediation<br>Activities<br>- GSIS Overview, monitoring<br>wells,<br>- SFB characterization, COCs<br>- Remediation Technologies and<br>Configurations<br>- Tujunga, N. Hollywood<br>Remediation Concepts<br>- SFB Remediation Timeline,<br>Estimated Costs<br>- SFB Remediation Program<br>Funding Options, WRRDA<br>- Advocate for Support of SFB<br>Remediation | LA.Delegation.Sec1014.pdf<br>REP SCHIFF Briefing October 28<br>2014 Final Draft.pdf<br>SCHIFF STAFF BRIEFING SFB<br>Remediation Nov 7, 2014.pdf<br>WRDA DC Booklet 04072014.pdf |
| Meeting with DDW                                    | 11/5/2014   | Paul Liu/ Vahe<br>Dabbaghian   | LADWP: Jonathan Leung, Paul<br>Liu, Hadi Jonny, Vahe<br>Dabbaghian, Alice Han, Kyle<br>Russell, Bill Van Wagoner, Kurt<br>Well, Todd Rother, DDW:<br>Susan Brownstein, Chi Diep | Initial Draft Sampling Plan for<br>Centralized Treatment Plant   | -Task 4.2 Presentation<br>- SFB Current & historical water<br>Quality Data Presentation   |

Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

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|--|---|---------------------------------------|--|--|---|
| Informational Session for the<br>LADWP Advocacy Committee<br>(Downtown Los Angeles)  | 11/1/2014   | David Pettijohn<br>Jevon Lam          | Attendees: LADWP Advocacy<br>Committee members,<br>Neighborhood Council<br>leadership  | Provided a presentation that<br>discussed water supply projects<br>and potential outside funding<br>mechanisms, including<br>Proposition 1.  | 14-11-LADWP's Water Bond Fact<br>sheet<br>14-12-MWD Prop 1 Fact Sheet   |
| Informational Session for the<br>Construction Management<br>Association of America - Southern<br>CA Chapter<br>Water Bond - Prop 1<br>(Downtown Los Angeles) | 10/30/2014  | Evelyn Cortez-Davis<br>Kimberly Ohara | Additional Speakers:<br>Nathan Purkiss (MWDSC),<br>Robert Hunter (MWDOC)   | Provided a presentation on Los<br>Angeles projects that could<br>receive funding from Proposition<br>1 with an emphasis on<br>groundwater basin remediation.   | 14-10-Proposition 1 Presentation  |
| Briefing for Congressman Adam<br>Schiff  | 10/28/2014  | Bill Van Wagoner                      | Burbank Water and Power<br>Glendale Water and Power<br>LADWP<br>Colleen Oinuma, 28th US<br>Congressional District<br>Congressman Adam Schiff | Topics included:<br>- CA Water Sources and Drought<br>Issues<br>- Regional Drought Response<br>- Glendale W&P Recycled Water<br>Projects<br>- SFB Overview<br>- SFB Contaminant Plume and<br>COCs<br>- USEPA Superfund Program in<br>SFB<br>- LADWP Remediation Sys in<br>SFB<br>- GSIS Overview, monitoring<br>wells, SFB characterization<br>- SFB Remediation Timeline,<br>Estimated Costs<br>- SFB Remediation Program<br>Funding Options, WRRDA | Agenda for SFB Briefing w Rep<br>Schiff.pdf<br>REP SCHIFF Briefing October 28<br>2014 Final Draft.pdf<br>WRDA DC Booklet 04072014.pdf |

Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

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|---|---|---------------------------------------|---|---|----------------------------------|
| Meeting with DDW  | 10/7/2014   | Paul Liu/ Vahe Dabbaghian             | LADWP: Jonathan Leung, Paul Liu, Hadi Jonny, Fatema Akhter, Vahe Dabbaghian, Khadija Durbas, Kurt Wells, Melinda Rho, DDW: Susan Brownstein & Chi Diep, USEPA( Over the phone), PRP Consultants: AMEC and MWH | - Vahe presented the result of Task 4.1<br>- Susan gave a presentation about the guidelines of 97-005   | Task 4.1 Presentation            |
| Informational Session for the Pacific Palisades Democratic Club on November 2014 Ballot Initiatives (Pacific Palisades) | 9/30/2014   | David Pettijohn<br>Theresa Vu         | Additional Speakers:<br>Nathan Purkiss (MWDSC), Ankur Patel (Food and Water Watch), Carmen Balber (Consumer Watchdog), Robert Lempert (UCLA)  | Provided an educational presentation on securing a sustainable water supply for Los Angeles with a focus on the need for groundwater basin remediation. | 14-10-Proposition 1 Presentation |
| Assembly member Nazarian Press Event  | 9/30/2014   | David Rahimian<br>Evelyn Cortez-Davis | Assembly member Nazarian and staff<br>LADWP: Water Resources Staff, WETS: Maral Sarkissian  |   | Fact Sheet (Check with Rahimian) |



Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

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|---|---|--------------------------------|--|--|---|
| LA Basin Groundwater Convening IV                   | 9/26/2014   | Bill Van Wagoner               | Jane Williams, Coalition of<br>Communities Against Toxics<br>(Organizer)<br>WRD<br>SGVWQA<br>LADWP<br>CDDW<br>DTSC<br>LARWQCB<br>State Water Board<br>Office of Sen Boxer<br>Various other representatives | Topics included:<br>- Water Sources and Issues<br>- Local Water Supply Reliability<br>Program<br>- Drought Response<br>- ULARA / SFB Overview<br>- SFB Contaminant Plume and<br>COCs<br>- Impacted SFB production wells<br>- USEPA Superfund Program in<br>SFB<br>- LADWP Remediation Sys in<br>SFB<br>- South SFB Remediation<br>Activities<br>- GSIS Overview<br>- GSIS monitoring wells<br>- SFB characterization<br>- SFB COC's<br>- Remediation Technologies and<br>Configurations<br>- Tujunga / N. Hollywood<br>Remediation Concepts<br>- Remediation Strategy,<br>Timeline, Estimated Costs<br>- SFB Remediation Program<br>Funding Options<br>- Advocate support for SFB<br>Remediation | GroundWater4AgendaSept262014<br>.pdf<br>GW Convening SFB Remediation<br>Cleanup September 26 2014.pdf |

Summary of Communications (Public/Agency/Legislative/Funding)  
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|--|---|--------------------------------|---|--|--|
| Informational Session for the<br>Southern California Water Dialogue<br>on the Water Bond<br>(Union Station, Los Angeles) | 9/24/2014   | Martin Adams<br>Theresa Vu     | Attendees include water agency<br>staff, environmental<br>organizations, and public<br>interest groups that meet and<br>discuss common interests<br>regarding water.<br>Additional Speakers:<br>Connor Everts (moderator),<br>Alf Brandt (Assembly member<br>Rendon's Office),<br>Tim Quinn (ACWA),<br>Alexander Nagy (Food and<br>Water Watch) | Provided an educational<br>presentation on securing a<br>sustainable water supply for Los<br>Angeles with a focus on the need<br>for groundwater basin<br>remediation. | 14-10-Proposition 1 Presentation   |
| Civil Grand Jury Interview   | 9/4/2014  | Greg Reed                      | Ben Cowitt, Civil Grand Jury<br>Charles Ziarko, Civil Grand Jury<br>Fiona Todhunter, Civil Grand<br>Jury<br>Bill Van Wagoner, LADWP<br>Greg Reed, LADWP   | LADWP Groundwater<br>Remediation Program in SFB<br>Recycled Water Program<br>Stormwater Capture Program  | Email meeting confirmation: RE<br>CONTACT INFO for LADWPs<br>PROPOSED WATER<br>TREATMENT FACILITIES-----<br>Sustainability Committee Meeting |

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|---|---|--------------------------------|---|--|---|
| Briefing for Congressman Tony Cardenas              | 8/20/2014   | Greg Reed                      | <p>Rep Tony Cardenas and staff<br/>Rep Adam Schiff representative<br/>LADWP Sr. Management, staff,<br/>and lobbyist<br/>LA Mayoral representative<br/>LA City Attorney<br/>US EPA<br/>CA DDW<br/>LARWQCB<br/>ULARA Watermaster<br/>Glendale W&amp;P staff<br/>Burbank W&amp;P staff<br/>See August 20 Meeting Sign In<br/>Sheet.pdf</p> | <p>Topics included:<br/>- Water Sources and Issues<br/>- CA Snowpack, Reservoir<br/>Storage, Drought Response<br/>- LA Aqueduct Supply Issues<br/>- LADWP Drought Response and<br/>Local Water Supply Reliability<br/>Program<br/>- SFB Overview<br/>- SFB Contaminant Plume and<br/>COCs<br/>- Impacted SFB production wells<br/>- USEPA Superfund Program in<br/>SFB<br/>- LADWP Remediation Sys in<br/>SFB<br/>- GSIS Overview, monitoring<br/>wells, SFB characterization<br/>- Tujunga / N. Hollywood<br/>Remediation Concepts<br/>- Remediation Technologies and<br/>Configurations<br/>- Remediation Timeline,<br/>Estimated Costs<br/>- SFB Remediation Program<br/>Funding Options, WRRDA<br/>- Stormwater Capture, GW<br/>Replenishment Strategies<br/>- Local Supply Reliability Goals<br/>- Advocate support for SFB<br/>Remediation</p> | <p>August 20 Open House w<br/>Congressman Cardenas Agenda<br/>and Fact Sheet.pdf<br/>WRDA DC Booklet 04072014.pdf<br/>LADWP presentation for Rep<br/>Cardenas 8.20.2014<br/>(HANDOUT).pdf</p> |

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|---|---|-----------------------------------|---|---|--|
| Legislator-Organized Event: Water Issues Briefing and Breakfast, including a Water Bond Update (Los Angeles Valley College) | 8/15/2014   | Evelyn Cortez-Davis<br>Theresa Vu | Assembly member Nazarian<br>MWDSC Kathy Cole, Steve Arakawa   | Provided an educational presentation on securing a sustainable water supply for Los Angeles with a focus on the need for groundwater basin remediation. Also had an LADWP booth with staff to provide information to community members in attendance.   | 14-09-LA Presentation for ASM Nazarian                                     |
| USC Center for Sustainable Cities Interview   | 6/19/2014   | Greg Reed                         | Dr. Elena Maggioni, USC Center for Sustainable Cities<br>Dr. Hilda Blanco, USC Center for Sustainable Cities<br>Dave Pettijohn, LADWP<br>Greg Reed, LADWP   | LADWP Groundwater Remediation Program in SFB<br>Recycled Water Program<br>Stormwater Capture Program  | Regional groundwater strategy abstract.pdf<br>GW_Interview protocol.pdf    |
| LA Basin Groundwater Convening III  | 5/28/2014   | Greg Reed                         | Jane Williams, Coalition of Communities Against Toxics (Organizer)<br>WRD<br>OCWD<br>LADWP<br>USEPA<br>DTSC<br>LARWQCB<br>State Water Board<br>Office of Sen Boxer<br>Various other representatives | Topics included:<br>- Water System Overview<br>- Water Sources and Issues<br>- Local Water Supply Reliability Program<br>- SFB Overview<br>- SFB Contaminant Plume and COCs<br>- Impacted SFB production wells<br>- SFB Remediation challenges<br>- Available Funding for SFB Remediation<br>- Importance of the CA Water Bond to LADWP<br>- Status of LADWP's Central Basin groundwater<br>- Groundwater Management Challenges / Opportunities<br>- Local Water Supply Reliability | GW3SProposedAgenda.pdf<br>LAGroundwaterConvening_2014-0528-JimMcDaniel.pdf |

Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

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|--|---|---------------------------------|---|--|
|  |   |                                 |   | Goals  |
| Los Angeles Chamber of Commerce<br>Access Sacramento Meeting<br>(Sacramento, CA) | 5/12/2014-<br>5/13/2014                           | Jim McDaniel                    | Gov. Jerry Brown, State<br>Controller John Chiang and<br>Sen. Darrell Steinberg             | 14-08-Water Bond Package for<br>State Legislators May 2014 |
| Legislator Briefing<br>(Washington, D.C.)  | 4/8/2014-4/9/2014                                 | Jim McDaniel<br>David Pettijohn | Rep. Grace Napolitano   | 14-07-WRRDA DC Booklet                                     |
| Agency Meeting<br>(Washington, D.C.)   | 4/8/2014-4/9/2014                                 | Jim McDaniel<br>David Pettijohn | Bradd Schwichtenberg<br>Deputy Chief, South Pacific<br>Division,<br>Army Corps of Engineers | 14-07-WRRDA DC Booklet                                     |

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|---|---|---------------------------------|---|---|------------------------|
| Agency Meeting<br>(Washington, D.C.)                | 4/8/2014-4/9/2014                                 | Jim McDaniel<br>David Pettijohn | Jim Woolford, Office of<br>Superfund Remediation,<br>USEPA                  | The need for federal funding for<br>the San Fernando Basin<br>Groundwater Remediation<br>Project. | 14-07-WRRDA DC Booklet |
| Legislative Staff Briefing<br>(Washington, D.C.)    | 4/8/2014-4/9/2014                                 | Jim McDaniel<br>David Pettijohn | James Peterson, Natural<br>Resources Counsel to Senator<br>Dianne Feinstein | The need for federal funding for<br>the San Fernando Basin<br>Groundwater Remediation<br>Project. | 14-07-WRRDA DC Booklet |
| Legislative Staff Briefing<br>(Washington, D.C.)    | 4/8/2014-4/9/2014                                 | Jim McDaniel<br>David Pettijohn | Travis Moore, Legislative<br>Director to Rep. Henry Waxman                  | The need for federal funding for<br>the San Fernando Basin<br>Groundwater Remediation<br>Project. | 14-07-WRRDA DC Booklet |
| Legislative Staff Briefing<br>(Washington, D.C.)    | 4/8/2014-4/9/2014                                 | Jim McDaniel<br>David Pettijohn | Yvonne Hsu, Legislative<br>Assistant to Rep. Adam Schiff                    | The need for federal funding for<br>the San Fernando Basin<br>Groundwater Remediation<br>Project. | 14-07-WRRDA DC Booklet |
| Legislator Briefing<br>(Washington, D.C.)           | 4/8/2014-4/9/2014                                 | Jim McDaniel<br>David Pettijohn | Rep. Tony Cardenas  | The need for federal funding for<br>the San Fernando Basin<br>Groundwater Remediation<br>Project. | 14-07-WRRDA DC Booklet |
| Legislative Staff Briefing<br>(Washington, D.C.)    | 4/8/2014-4/9/2014                                 | Jim McDaniel<br>David Pettijohn | Kendra Brown, Legislative<br>Assistant to Rep. Maxine<br>Waters             | The need for federal funding for<br>the San Fernando Basin<br>Groundwater Remediation<br>Project. | 14-07-WRRDA DC Booklet |
| Legislative Staff Briefing<br>(Washington, D.C.)    | 4/8/2014-4/9/2014                                 | Jim McDaniel<br>David Pettijohn | Justin Vogt, Legislative Director<br>to Rep. Janice Hahn                    | The need for federal funding for<br>the San Fernando Basin<br>Groundwater Remediation<br>Project. | 14-07-WRRDA DC Booklet |

Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

| Meeting / Activity/<br>Documentation <sup>1,2</sup> | Date (chronological<br>order: recent -<br>oldest) | Attendees<br>(Agencies/Groups)                                   | Topics/ Discussions/ Key<br>Decisions  | Related<br>Documentation <sup>3</sup>   |  |
|---|---|--|--|---|--|
| Legislator Briefing<br>(Washington, D.C.)           | 4/8/2014-4/9/2014                                 | Jim McDaniel<br>David Pettijohn                                  | Rep. Lucille Roybal Allard   | The need for federal funding for<br>the San Fernando Basin<br>Groundwater Remediation<br>Project.   | 14-07-WRRDA DC Booklet   |
| Legislator Briefing<br>(Washington, D.C.)           | 4/8/2014-4/9/2014                                 | Jim McDaniel<br>David Pettijohn                                  | Rep. Brad Sherman  | The need for federal funding for<br>the San Fernando Basin<br>Groundwater Remediation<br>Project.   | 14-07-WRRDA DC Booklet   |
| Informational Session                               | 3/14/2014   | Evelyn Cortez-Davis<br>Theresa Vu<br>Cindy Montanez              | San Gabriel Valley<br>Assembly member Chau,<br>Rendon, Yamada, Gomez,<br>Rodriguez | Briefing for Assembly Committee<br>on Water, Parks, & Wildlife.<br>Informational Hearing on 2014<br>Water Bond - Local Perspective<br>of Los Angeles County                           | 14-06-Water Bond Presentation<br>for ASM Water, Parks, & Wildlife  |
| Legislator Briefing<br>(State Capitol, Sacramento)  | 3/12/2014   | Jim McDaniel<br>Martin Adams<br>Cindy Montanez<br>Kimberly Ohara | Assembly Member Bocanegra  | Water Bond priorities for Los<br>Angeles, including groundwater<br>remediation, stormwater capture,<br>recycled water, water<br>conservation, and the LA River<br>Revitalization Plan | 14-01 - The City's Water Bond<br>Presentation<br>14-02 - LADWP SFB Groundwater<br>Fact sheet<br>14-03 - LADWP Groundwater<br>Replenishment fact sheet<br>14-04 - LADWP Cash In Your<br>Lawn Fact Sheet<br>14-05 - LADWP Water<br>Conservation Fact Sheet |

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|---|---|--|---|---|--|
| Legislator Briefing<br>(State Capitol, Sacramento)        | 3/12/2014   | Jim McDaniel<br>Martin Adams<br>Cindy Montanez<br>Kimberly Ohara<br>KP Public Affairs: Ed<br>Manning | Assembly Member Nazarian<br>Chief of Staff, Dan Savage<br>Cynthia Alvarez | Water Bond priorities for Los<br>Angeles, including groundwater<br>remediation, stormwater capture,<br>recycled water, water<br>conservation, and the LA River<br>Revitalization Plan | 14-01 - The City's Water Bond<br>Presentation<br>14-02 - LADWP SFB Groundwater<br>Fact sheet<br>14-03 - LADWP Groundwater<br>Replenishment fact sheet<br>14-04 - LADWP Cash In Your<br>Lawn Fact Sheet<br>14-05 - LADWP Water<br>Conservation Fact Sheet |
| Legislator Briefing<br>(State Capitol, Sacramento)        | 3/12/2014   | Jim McDaniel<br>Martin Adams<br>Cindy Montanez<br>Kimberly Ohara                                     | Assembly Member Rendon<br>Alf Brandt, Legislative Director                | Water Bond priorities for Los<br>Angeles, including groundwater<br>remediation, stormwater capture,<br>recycled water, water<br>conservation, and the LA River<br>Revitalization Plan | 14-01 - The City's Water Bond<br>Presentation<br>14-02 - LADWP SFB Groundwater<br>Fact sheet<br>14-03 - LADWP Groundwater<br>Replenishment fact sheet<br>14-04 - LADWP Cash In Your<br>Lawn Fact Sheet<br>14-05 - LADWP Water<br>Conservation Fact Sheet |
| Legislative Staff Briefing<br>(State Capitol, Sacramento) | 3/12/2014   | Jim McDaniel<br>Martin Adams<br>Cindy Montanez<br>Kimberly Ohara                                     | Liz Fenton, Chief of Staff for<br>Senator Fran Pavley                     | Water Bond priorities for Los<br>Angeles, including groundwater<br>remediation, stormwater capture,<br>recycled water, water<br>conservation, and the LA River<br>Revitalization Plan | 14-01 - The City's Water Bond<br>Presentation<br>14-02 - LADWP SFB Groundwater<br>Fact sheet<br>14-03 - LADWP Groundwater<br>Replenishment fact sheet<br>14-04 - LADWP Cash In Your<br>Lawn Fact Sheet<br>14-05 - LADWP Water<br>Conservation Fact Sheet |



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| Legislative Staff Briefing<br>(State Capitol, Sacramento)    | 3/12/2014   | Jim McDaniel<br>Martin Adams<br>Cindy Montanez<br>Kimberly Ohara                                     | Minnie Santillan, Chief of Staff<br>for Assembly Member Henry<br>Perea<br>Jesse Cuevas, Legislative<br>Director  | Water Bond priorities for Los<br>Angeles, focusing on<br>groundwater remediation, which<br>is also an issue in the Central<br>Valley.   | 14-01 - The City's Water Bond<br>Presentation<br>14-02 - LADWP SFB Groundwater<br>Fact sheet<br>14-03 - LADWP Groundwater<br>Replenishment fact sheet<br>14-04 - LADWP Cash In Your<br>Lawn Fact Sheet<br>14-05 - LADWP Water<br>Conservation Fact Sheet |
| Legislative Staff Briefing<br>(State Capitol, Sacramento)    | 3/12/2014   | Jim McDaniel<br>Martin Adams<br>Cindy Montanez<br>Kimberly Ohara<br>KP Public Affairs: Ed<br>Manning | Assembly Members<br>representing Los Angeles:<br>Dababneh, Gatto, Gomez,<br>Muratsuchi, Ridley-Thomas, &<br>Wilk<br>Los Angeles Mayor's Office:<br>Cecilla Cabello & Matt Peterson<br>Board of Public Works: Barbara<br>Romero | Water Bond priorities for Los<br>Angeles, including groundwater<br>remediation, stormwater capture,<br>recycled water, water<br>conservation, and the LA River<br>Revitalization Plan | 14-01 - The City's Water Bond<br>Presentation<br>14-02 - LADWP SFB Groundwater<br>Fact sheet<br>14-03 - LADWP Groundwater<br>Replenishment fact sheet<br>14-04 - LADWP Cash In Your<br>Lawn Fact Sheet<br>14-05 - LADWP Water<br>Conservation Fact Sheet |
| Brown Administration Briefing<br>(State Capitol, Sacramento) | 3/12/2014   | Cindy Montanez<br>KP Public Affairs: Ed<br>Manning   | Martha Guzman-Aceves,<br>Deputy Legislative Secretary,<br>Office of the Governor   | Water Bond priorities for Los<br>Angeles, including groundwater<br>remediation, stormwater capture,<br>recycled water, water<br>conservation, and the LA River<br>Revitalization Plan | 14-01 - The City's Water Bond<br>Presentation<br>14-02 - LADWP SFB Groundwater<br>Fact sheet<br>14-03 - LADWP Groundwater<br>Replenishment fact sheet<br>14-04 - LADWP Cash In Your<br>Lawn Fact Sheet<br>14-05 - LADWP Water<br>Conservation Fact Sheet |

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|---|---|--|--|---|---|
| Legislator Briefing<br>(State Capitol, Sacramento)        | 1/9/2014  | David Pettijohn<br>Kimberly Ohara<br>KP Public Affairs:<br>Kim Craig | Assembly Member Nazarian<br>Chief of Staff, Dan Savage<br>Cynthia Alvarez      | LA's Water Reliability - the cost<br>of the program, the need for<br>funding, and how some initiatives<br>rely on groundwater basin<br>remediation. | 14-00a-WS Presentation - 2014<br>01-09<br>14-00b-SFGroundwater 10-31-<br>2013<br>14-00c-<br>Groundwater_Replenishment_Proj<br>ect_<br>Master_Planning_-_Fact_Sheet[1] |
| Legislative Staff Briefing<br>(State Capitol, Sacramento) | 1/9/2014  | David Pettijohn<br>Kimberly Ohara<br>KP Public Affairs:<br>Kim Craig | Arnie Sowell, Policy Director for<br>Assembly Speaker John A.<br>Perez         | LA's Water Reliability - the cost<br>of the program, the need for<br>funding, and how some initiatives<br>rely on groundwater basin<br>remediation. | 14-00a-WS Presentation - 2014<br>01-09<br>14-00b-SFGroundwater 10-31-<br>2013<br>14-00c-<br>Groundwater_Replenishment_Proj<br>ect_<br>Master_Planning_-_Fact_Sheet[1] |
| Legislative Staff Briefing<br>(State Capitol, Sacramento) | 1/9/2014  | David Pettijohn<br>Kimberly Ohara<br>KP Public Affairs:<br>Kim Craig | Nidia Bautista, Assistant<br>Consultant for Senator Kevin De<br>Leon           | LA's Water Reliability - the cost<br>of the program, the need for<br>funding, and how some initiatives<br>rely on groundwater basin<br>remediation. | 14-00a-WS Presentation - 2014<br>01-09<br>14-00b-SFGroundwater 10-31-<br>2013<br>14-00c-<br>Groundwater_Replenishment_Proj<br>ect_<br>Master_Planning_-_Fact_Sheet[1] |
| Legislative Staff Briefing<br>(State Capitol, Sacramento) | 1/9/2014  | David Pettijohn<br>Kimberly Ohara<br>KP Public Affairs:<br>Kim Craig | Khaim Morton, Senior Assistant<br>for Assembly Member Reginald<br>Jones-Sawyer | LA's Water Reliability - the cost<br>of the program, the need for<br>funding, and how some initiatives<br>rely on groundwater basin<br>remediation. | 14-00a-WS Presentation - 2014<br>01-09<br>14-00b-SFGroundwater 10-31-<br>2013<br>14-00c-<br>Groundwater_Replenishment_Proj<br>ect_<br>Master_Planning_-_Fact_Sheet[1] |

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|---|---|--|---|---|---|
| Legislative Staff Briefing<br>(State Capitol, Sacramento)                     | 1/9/2014  | David Pettijohn<br>Kimberly Ohara<br>KP Public Affairs:<br>Kim Craig | Taylor Glass, Senior Assistant<br>for Assembly Member<br>Bocanegra              | LA's Water Reliability - the cost<br>of the program, the need for<br>funding, and how some initiatives<br>rely on groundwater basin<br>remediation. | 14-00a-WS Presentation - 2014<br>01-09<br>14-00b-SFGroundwater 10-31-<br>2013<br>14-00c-<br>Groundwater_Replenishment_Proj<br>ect_<br>Master_Planning_-_Fact_Sheet[1] |
| Legislative Staff Briefing<br>(State Capitol, Sacramento)                     | 1/9/2014  | David Pettijohn<br>Kimberly Ohara<br>KP Public Affairs:<br>Kim Craig | Freddie Quintana, Assembly<br>Fellow for Assembly Member<br>Jimmy Gomez         | LA's Water Reliability - the cost<br>of the program, the need for<br>funding, and how some initiatives<br>rely on groundwater basin<br>remediation. | 14-00a-WS Presentation - 2014<br>01-09<br>14-00b-SFGroundwater 10-31-<br>2013<br>14-00c-<br>Groundwater_Replenishment_Proj<br>ect_<br>Master_Planning_-_Fact_Sheet[1] |
| Sierra Club Meeting   | 11/13/2013  | Maral Sarkissian   | LADWP: Steve Ott, Maral<br>Sarkissian   | - Water Supply Challenges<br>- GW Remediation and Clean-up<br>Initiatives   | Presentation: SFB GW<br>Remediation and Clean up<br>Initiatives   |
| Southern California Water Dialogue  | 10/23/2013  | Maral Sarkissian   | LADWP: Evelyn Cortez-Davis,<br>Maral Sarkissian                                 | - Water Supply Challenges<br>- GW Cleanup & Remediation<br>Initiatives<br>- GW Replenishment Project  | Presentation: SFB GW<br>Remediation Initiatives and GW<br>Replenishment   |
| Presentation at Valley Industry and<br>Commerce Association (VICA)<br>Meeting | 9/12/2013   | Maral Sarkissian   | LADWP: Marty Adams, Joe<br>Ramallo, Maral Sarkissian<br>VICA Members            | - Briefing on the GSIS<br>- Conceptual Planning of the<br>GWBRF   | Presentation: Local GW Supply -<br>September 2013   |
| Meeting with North Hollywood North<br>East Neighborhood Council (NH NE<br>NC) | 7/25/2013   | Maral Sarkissian<br>Greg Bartz                                       | NH NE NC Land Use<br>Committee Members<br>LADWP: Steve Ott, Maral<br>Sarkissian | - GSIS<br>- GW Remediation Initiatives  | Presentation: Local GW Supply -<br>July 2013  |

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|--|---|---|---|---|--|
| LADWP Advocacy Community Meeting                       | 7/5/2013  | Susan Rowghani                          | LADWP: Susan Rowghani   | Overview on GSIS and Conceptual Planning of GWBRF             | Presentation: Local Water Supply 2013                                  |
| LA Times Article                                       | 6/23/2013   | Susan Rowghani                          |   |   | Article: LADWP to build GW treatment plants on Superfund site          |
| Annual CDPH Meeting                                    | 5/30/2013   |   | LADWP: WQD and WETS Staff<br>CDPH   | - Update on the GSIS<br>- Potential GW Remediation Strategies | Presentation: Update - SFB GSIS and GW Remediation Strategy            |
| Meeting with CPDH                                      | 3/26/2013   | Evelyn Cortez-Davis<br>Maral Sarkissian | LADWP: Water Recycling Policy; WETS: Steve Ott, Maral Sarkissian  | Briefing on the GWR IAP Meeting and Comments on the GSIS      |  |
| Local Water Supply Program Stakeholder Workshop        | 3/26/2013   | Maral Sarkissian                        | LADWP: Water Resources Staff; WQD: Maral Sarkissian   | Brief Summary of the GW Remediation Program in the SFB        | Presentation: SFB GW Remediation Program                               |
| Legislator Staff and Agency Meeting (Washington, D.C.) | 3/21/2013   | Jim McDaniel                            | James Peterson, Natural Resources Counsel<br>Ben Kramer, Legislative Assistant to Sen. Dianne Feinstein | San Fernando Basin Groundwater Remediation Project            | 13-01-Citywide Map_City 3-19-13<br>13-02-Citywide Map_Congress 3-19-13 |
| Legislator Briefing (Washington, D.C.)                 | 3/21/2013   | Jim McDaniel                            | Rep. Brad Sherman   | San Fernando Basin Groundwater Remediation Project            | 13-01-Citywide Map_City 3-19-13<br>13-02-Citywide Map_Congress 3-19-13 |
| Legislator Staff Briefing (Washington, D.C.)           | 3/20/2013   | Jim McDaniel                            | Miguel Franco, Legislative Director to Rep. Tony Cárdenas   | San Fernando Basin Groundwater Remediation Project            | 13-01-Citywide Map_City 3-19-13<br>13-02-Citywide Map_Congress 3-19-13 |
| Legislator Briefing (Washington, D.C.)                 | 3/20/2013   | Jim McDaniel                            | Rep. Adam Schiff  | San Fernando Basin Groundwater Remediation Project            | 13-01-Citywide Map_City 3-19-13<br>13-02-Citywide Map_Congress 3-19-13 |

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| Agency Meeting<br>(Washington, D.C.)  | 3/20/2013   | Jim McDaniel                            | Jim Woolford, Program Director,<br>Office of Superfund<br>Remediation and Technology<br>Innovation  | 13-01-Citywide Map_City 3-19-13<br>13-02-Citywide Map_Congress 3-<br>19-13   |
| Agency Meeting<br>(Washington, D.C.)  | 3/20/2013   | Jim McDaniel                            | Bradd Schwichtenberg, Deputy<br>Chief South Pacific Division<br>Army Corps of Engineers   | 13-01-Citywide Map_City 3-19-13<br>13-02-Citywide Map_Congress 3-<br>19-13   |
| National Water Research Institute<br>(NWRI) - Independent Advisory<br>Panel (IAP) Meeting for GWR | 2/7/2013  | Evelyn Cortez-Davis<br>Maral Sarkissian | IAP Members, Various<br>Agencies and Consultants<br>LADWP: Water Recycling<br>Policy and Planning Groups;<br>WQD:Milad Taghavi, Maral<br>Sarkissian | Presentation: GW Remediation<br>Strategies - SFB   |
| Tour of LADWP Groundwater Clean<br>Up Sites   | 1/9/2013  | Kimberly Ohara<br>Cindy Montanez        | Elizabeth Delgado, Senator<br>Feinstein's staffer<br>Gabriel Monares, The Monares<br>Group  | Tujunga Well Field Temporary<br>Groundwater Treatment Plant  |
| Meeting with DDW  | 8/14/2012   | Hadi Jonny                              | LADWP: Hadi Jonny, Melinda<br>Rho, Don Christie DDW: Susan<br>Brownstein and Jeff O'Keefe   | - Exchanged emails ( Aug 2012)<br>- Well information Table<br>(10/10/2012)<br>- Map ( Sampling plan 97-005 ;<br>2012)<br>- Meeting Summary ( 2010-2012)<br>- Meeting invitation (Aug 14, 2012) |
| Legislator Staff Meeting<br>(Washington, D.C.)  | 7/12/2012   | Ron Nichols                             | James Peterson, Legislative<br>Assistant to Senator Dianne<br>Feinstein<br>Ben Kramer, Legislative<br>Assistant for Appropriations                  |  |

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| Agency Meeting<br>(Washington, D.C.)                | 7/11/2012   | Ron Nichols  | Assistant Administrator for<br>USEPA's Office of Air and<br>Radiation Gina McCarthy<br>Amy Zimpfer, Air Division -<br>Energy in the Pacific Southwest<br>(Region 9)<br>Janet McCabe, Deputy<br>Assistant Administrator<br>Joseph Goffman, Senior<br>Counsel<br>Krishna Viswanathan, State &<br>Tribal Air Programs Unit with a<br>focus on SIP programs (Region<br>10)<br>Phil Lorang, Office of Air<br>Quality Planning and Standards<br>(Research Triangle Park)<br>Steve Page, Office of Air<br>Quality Planning and Standards<br>(Research Triangle Park) | San Fernando Basin<br>Groundwater                        |
| Legislator Meeting<br>(Washington, D.C.)            | 7/10/2012   | Ron Nichols  | Congressman John Shimkus  | San Fernando Basin<br>Groundwater                        |
| Agency Meeting<br>(Washington, D.C.)                | 4/11/2012   | Jim McDaniel, The<br>Furman Group's<br>Link Browder and<br>Tracy Nagelbush | Barnes Johnson, USEPA<br>Deputy Director, Office of<br>Superfund<br>Remediation and Technology<br>Innovation<br>Staff from USEPA Headquarters<br>and Region 9 office  | San Fernando Basin<br>Groundwater Remediation<br>Project |
| Legislator Staff Briefing<br>(Washington, D.C.)     | 4/10/2012   | Jim McDaniel   | Travis Moore, Legislative<br>Director to H. Rep Henry<br>Waxman   | San Fernando Basin<br>Groundwater Remediation<br>Project |

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| Legislator Briefing<br>(Washington, D.C.)           | 4/10/2012   | Jim McDaniel                   | Jerry O'Donnell, Legislative<br>Assistant to H. Rep Grace<br>Napolitano     | San Fernando Basin<br>Groundwater Remediation<br>Project |
| Legislator Briefing<br>(Washington, D.C.)           | 4/10/2012   | Jim McDaniel                   | Paul Cunningham, Chief of Staff<br>to<br>H. Rep. Lucille Roybal-Allard      | San Fernando Basin<br>Groundwater Remediation<br>Project |
| Legislator Briefing<br>(Washington, D.C.)           | 4/10/2012   | Jim McDaniel                   | Juan Garcia, Legislative<br>Assistant to H. Rep. Xavier<br>Becerra          | San Fernando Basin<br>Groundwater Remediation<br>Project |
| Legislative Briefing<br>(Washington, D.C.)          | 4/10/2012   | Jim McDaniel                   | H. Rep Janice Hahn  | San Fernando Basin<br>Groundwater Remediation<br>Project |
| Legislative Briefing<br>(Washington, D.C.)          | 4/10/2012   | Jim McDaniel                   | H. Rep. Tony Cardenas   | San Fernando Basin<br>Groundwater Remediation<br>Project |
| Legislator Staff Briefing<br>(Washington, D.C.)     | 3/21/2012   | Jim McDaniel                   | James Peterson, Legislative<br>Assistant to Senator Dianne<br>Feinstein     | San Fernando Basin<br>Groundwater Remediation<br>Project |
| Legislator Staff Briefing<br>(Washington, D.C.)     | 3/21/2012   | Jim McDaniel                   | Victor Castillo, Legislative<br>Director to H. Rep Lucille<br>Roybal-Allard | San Fernando Basin<br>Groundwater Remediation<br>Project |
| Legislator Staff Briefing<br>(Washington, D.C.)     | 3/20/2012   | Jim McDaniel                   | Anne Clement, Legislative<br>Assistant to Senator Barbara<br>Boxer          | San Fernando Basin<br>Groundwater Remediation<br>Project |

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|---|---|---|---|--|--|
| Legislator Meetings<br>(Sacramento, CA)             | 3/14/2012   | Jim McDaniel<br>Ron Nichols   | Assembly member Bradford,<br>Cedillo, Davis, Furutani, Gorrell,<br>Hall, Lowenthal, Portantino, and<br>Smyth<br>Senators Calderon, Hernandez,<br>Lieu Price, Runner, Wright,  | Public Investments in LA's Water<br>system for groundwater clean-up,<br>recycle water, water<br>conservation, and Delta<br>restoration | 12-01-2012 Water 101 Briefing<br>Booklet |
| Legislator Briefing (Sacramento, CA)                | 3/14/2012   | Jim McDaniel,<br>Conservation<br>Strategy Group's<br>Kristopher Tjernell                    | Assembly member Feuer   | Cost of local water supplies   | 12-01-2012 Water 101 Briefing<br>Booklet |
| Legislator Briefing                                 | 3/14/2012   | Jim McDaniel,<br>Conservation<br>Strategy Group's<br>Kristopher Tjernell,<br>Cindy Montanez | Assembly member Gatto   | Los Angeles water supplies   | 12-01-2012 Water 101 Briefing<br>Booklet |
| Legislator and Staff Briefing<br>(Sacramento, CA)   | 3/14/2012   | Jim McDaniel,<br>Conservation<br>Strategy Group's<br>Kristopher Tjernell                    | Assembly member Blumenfield,<br>Brownley, Eng, Feuer, Fuentes,<br>Gatto, Hernandez, Lara,<br>Mitchell, Perez, and Butler<br>Senator DeLeon, Liu, Lowenthal<br>Padilla, Pavley<br>Assembly staffers: Blumenfield,<br>Brownley, Butler, Eng, Fuentes,<br>Lara, Hernandez, Mitchell,<br>Perez<br>Senator staffers: DeLeon, Liu,<br>Lowenthal, Padilla, Pavley, | Public Investments in LA's Water<br>system for groundwater clean-up,<br>recycle water, water<br>conservation, and Delta<br>restoration | 12-01-2012 Water 101 Briefing<br>Booklet |
| Agency Meeting (Sacramento, CA)                     | 3/14/2012   | Jim McDaniel,<br>Conservation<br>Strategy Group's<br>Kristopher Tjernell                    | Director Mark Cowin of the<br>Department of Water Resources   | Los Angeles water supplies   | 12-01-2012 Water 101 Briefing<br>Booklet |



Summary of Communications (Public/Agency/Legislative/Funding)  
SFB Groundwater Remediation / Groundwater System Improvement Study

| Meeting / Activity/<br>Documentation <sup>1,2</sup> | Date (chronological<br>order: recent -<br>oldest) | Attendees<br>(Agencies/Groups) | Topics/ Discussions/ Key<br>Decisions   | Related<br>Documentation <sup>3</sup> |
|---|---|--------------------------------|---|---------------------------------------|
| Legislator Meeting<br>(Washington, D.C.)            | 2/15/2012   | Ron Nichols                    | Senator Dianne Feinstein  | San Fernando Basin<br>Groundwater     |
| Legislator Meeting<br>(Washington, D.C.)            | 2/15/2012   | Ron Nichols                    | Congresswoman Grace<br>Napolitano   | San Fernando Basin<br>Groundwater     |
| Legislator Meeting<br>(Washington, D.C.)            | 2/15/2012   | Ron Nichols                    | Congressman Adam Schiff   | San Fernando Basin<br>Groundwater     |
| Legislator Meeting<br>(Washington, D.C.)            | 2/15/2012   | Ron Nichols                    | Congressman Brad Sherman  | San Fernando Basin<br>Groundwater     |
| Legislator Meeting<br>(Washington, D.C.)            | 2/14/2012   | Ron Nichols                    | Congressman Henry Waxman  | San Fernando Basin<br>Groundwater     |
| Legislator Meeting<br>(Washington, D.C.)            | 2/14/2012   | Ron Nichols                    | Congresswoman Lucille Roybal-<br>Allard   | San Fernando Basin<br>Groundwater     |
| Agency Meeting<br>(Washington, D.C.)                | 2/14/2012   | Ron Nichols                    | Letty Belin, Counselor to the<br>Deputy Secretary U.S.<br>Department of the Interior                        | San Fernando Basin<br>Groundwater     |
| Agency Meeting<br>(Washington, D.C.)                | 2/14/2012   | Ron Nichols                    | Bob Sussman, Deputy<br>Administrator to the USEPA   | San Fernando Basin<br>Groundwater     |
| Agency Briefing<br>(Washington, D.C.)               | 2/13/2012   | Ron Nichols                    | Janet Woodka, USEPA Director<br>of Regional Operations and<br>Senior Advisor to the Deputy<br>Administrator | San Fernando Basin<br>Groundwater     |

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|  |            |                  |   |   |   |
|--|------------|------------------|---|---|---|
| Public Outreach  | 2011-2013  | Stephanie Spicer | Varies  | Outreach for the GSIS Monitoring Well Drilling                                  | GSIS Monitoring Well Drilling Outreach Binder - Draft Community Outreach Plan Dated May 2013 and Related Documentation (Binder w/Kurt Wells as of 2/2/15) |
| Meeting with DDW   | 12/16/2010 | Hadi Jonny       | LADWP: Hadi Jonny; Melinda Rho, Milad Taghavi DDW: Susan Brownstein, Jeff O'Keefe | Present the proposed location for new monitoring and get DDW input and approval | -Exchanged emails (Jan 2011)<br>- Task 3.2 Monitoring Well Location Map (2010)<br>- Meeting Summary ( 2010 &2012)   |
|  |            |                  |   |   |   |
| <u>Notes:</u>  |            |                  |   | <u>Other Acronyms:</u>  |   |
| 1. Regulatory Agencies include:                          |            |                  |   | ACWA - Association of California Water Agencies                                 | OA - Owner's Agent  |
| CDPH - California Department of Public Health            |            |                  |   | COCs - chemicals of concern   | OCWD - Orange County Water District   |
| DDW - California Division of Drinking Water              |            |                  |   | GSIS - Groundwater System Improvement Study                                     | PRP - potentially responsible party   |
| DTSC - California Department of Toxic Substances Control |            |                  |   | GW - groundwater  | SFB - San Fernando Basin  |
| RWQCB - Regional Water Quality Control Board             |            |                  |   | IAP - Independent Advisory Panel  | SWRCB - State Water Resource Control Board  |
| USEPA - U.S. Environmental Protection Agency             |            |                  |   | LA - Los Angles   | UCLA - UC California - Los Angles   |

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|---|---|--------------------------------|---------------------------------------|---------------------------------------|
|---|---|--------------------------------|---------------------------------------|---------------------------------------|

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|---|--|--|---|---|
| Other agencies  |  |  | LADWP - Los Angeles<br>Department of Water & Power            | ULARA - Upper Los Angeles River<br>Area             |
| 2. Types of activities include: public meetings, informational sessions, letters, fact sheets, flyers, set up of information repository, etc. |  |  | MWDSC - Metropolitan Water<br>District of Southern California | USC - University of Southern<br>California          |
| 3. Related Documentation include: Meeting Agendas, Attendees List, Meeting Notes, Presentations, Handouts, Letters, Fact Sheets, etc.         |  |  | MWDOC - Municipal Water<br>District of Orange County          | VICA - Valley Industry and<br>Community Association |
|   |  |  | NH NE NC - N. Hollywood<br>Northeast Neighborhood Council     | WETS - Water Engineering<br>Technical Services      |
|   |  |  | NWRI - National Water Research<br>Institute                   | WQP - Water Quality Program                         |

## APPENDIX B: Summary of Community Outreach by Well

**Well Number: PA-MW-05      Location: Telfair Ave. & Pinney St.**  
**Groundwater Basin: San Fernando Basin**  
**Construction Completed: 5/2/16**

| Activity                              | Date    | Notes  |
|---------------------------------------|---------|--|
| Letters to 500' Radius<br>(Postcards) | 1/27/16 | Mailed – Written information about upcoming well drilling construction |
| Notification to Immediate<br>Area     | 1/18/16 | Hand Delivered – Written notice of upcoming well drilling construction |
| Night Construction Notice             | N/A     |  |
| Media                                 | N/A     |  |

Summary of Construction Inquiries -- Calls & Follow-up:

2/19/16 – LADWP Engineer reached out to CD 7 District Director, Yolanda Fuentes, to inform her about upcoming monitoring well construction

**Well Number: PA-MW-06      Location: Kewen Ave. & Pierce St.**  
**Groundwater Basin: San Fernando Basin**  
**Construction Completed: 6/6/16**

| Activity                              | Date    | Notes  |
|---------------------------------------|---------|--|
| Letters to 500' Radius<br>(Postcards) | 1/27/16 | Mailed – Written information about upcoming well drilling construction |
| Notification to Immediate<br>Area     | 1/18/16 | Hand Delivered – Written notice of upcoming well drilling construction |
| Night Construction Notice             | N/A     |  |
| Media                                 | N/A     |  |

Summary of Construction Inquiries -- Calls & Follow-up:

2/19/16 – LADWP Engineer reached out to CD 7 District Director, Yolanda Fuentes, to inform her about upcoming monitoring well construction

**Well Number: PO-MW-01 Location: Minneapolis St. & La Clede Ave.**  
**Groundwater Basin: San Fernando Basin**  
**Construction Completed: 4/18/16**

| Activity                           | Date    | Notes  |
|------------------------------------|---------|--|
| Letters to 500' Radius (Postcards) | 1/4/16  | Mailed – Written information about upcoming well drilling construction |
| Notification to Immediate Area     | 7/27/15 | Hand Delivered – Written notice of upcoming well drilling construction |
| Night Construction Notice          | N/A     |  |
| Media                              | N/A     |  |

Summary of Construction Inquiries -- Calls & Follow-up:

7/22/15 – 7/23/15: LADWP Community Liaison contacted Council District 13 to inform them of upcoming monitoring well construction and request a meeting; Adam Bass, Field Deputy, and Marisol Rodriguez, District Director, replied that a meeting was not necessary.

**Well Number: PO-MW-02 Location: Perlita Ave. & Minneapolis St.**  
**Groundwater Basin: San Fernando Basin**  
**Construction Completed: 4/18/16**

| Activity                           | Date    | Notes  |
|------------------------------------|---------|--|
| Letters to 500' Radius (Postcards) | 1/4/16  | Mailed – Written information about upcoming well drilling construction |
| Notification to Immediate Area     | 7/27/15 | Hand Delivered – Written notice of upcoming well drilling construction |
| Night Construction Notice          | N/A     |  |
| Media                              | N/A     |  |

Summary of Construction Inquiries -- Calls & Follow-up:

7/22/15 – 7/23/15: LADWP Community Liaison contacted Council District 13 to inform them of upcoming monitoring well construction and request a

meeting; Adam Bass, Field Deputy, and Marisol Rodriguez, District Director, replied that a meeting was not necessary.

2/26/16: Resident called LAPD to file a noise complaint; LAPD Detective informed the resident that LADWP has a permit to work 24-hours.

3/10/16: A resident called LADWP Public Affairs to file a complaint regarding traffic congestion on their street. A Public Affairs Specialist apologized for the inconvenience and explained that LADWP could not add Stop signs because they were implementing an approved Traffic Control Plan. The resident understood the circumstance and was provided with the construction end date.

**Well Number: PO-MW-03      Location: Perlita Ave. & Fletcher Dr.**  
**Groundwater Basin: San Fernando Basin**  
**Construction Completed: 6/2/16**

| Activity                           | Date    | Notes  |
|------------------------------------|---------|--|
| Letters to 500' Radius (Postcards) | 1/4/16  | Mailed – Written information about upcoming well drilling construction |
| Notification to Immediate Area     | 7/27/15 | Hand Delivered – Written notice of upcoming well drilling construction |
| Night Construction Notice          | N/A     |  |
| Media                              | N/A     |  |

**Summary of Construction Inquiries -- Calls & Follow-up:**

7/22/15 – 7/23/15: LADWP Community Liaison contacted Council District 13 to inform them of upcoming monitoring well construction and request a meeting; Adam Bass, Field Deputy, and Marisol Rodriguez, District Director, replied that a meeting was not necessary.

4/15/16: LADWP Public Relations received a resident complaint regarding the noise and hours of construction extending into the evening. The Specialist informed the resident that LADWP has a permit to work overnight, however, the LADWP construction crew was able to complete this work by 9 pm. Additionally, LADWP completed the well construction that night so a quieter drill development rig will be replacing the louder construction rig.

**Well Number: MI-MW-02**      **Location: San Fernando Road & Polk St.**  
**Groundwater Basin: Sylmar Basin**  
**Construction Completed: 5/25/16**

| Activity                           | Date     | Notes  |
|------------------------------------|----------|--|
| Letters to 500' Radius (Postcards) | 12/7/16  | Mailed – Written information about upcoming well drilling construction |
| Notification to Immediate Area     | 11/18/15 | Hand Delivered – Written notice of upcoming well drilling construction |
| Night Construction Notice          | N/A      |  |
| Media                              | N/A      |  |

Summary of Construction Inquiries -- Calls & Follow-up:

N/A

**Well Number: MI-MW-03**      **Location: San Fernando Road & Polk St.**  
**Groundwater Basin: Sylmar Basin**  
**Construction Completed: 6/10/16**

| Activity                           | Date             | Notes  |
|------------------------------------|------------------|--|
| Letters to 500' Radius (Postcards) | 12/7/16          | Mailed – Written information about upcoming well drilling construction |
| Notification to Immediate Area     | 11/18/15         | Hand Delivered – Written notice of upcoming well drilling construction |
| Night Construction Notice          | 3/30/16 – 4/1/16 |  |
| Media                              | N/A              |  |

Summary of Construction Inquiries -- Calls & Follow-up:

3/31/16: A car was parked in the No Parking zone and blocking trash pickup. Neighbors notified LADWP and field crew found the car's owner to have it moved.

| <b>Agency, Stakeholder, or Target Audience</b>                | <b>Date(s)</b>             | <b>Type of Communication or Outreach</b>                                  |
|---|----------------------------|---|
| <b>Inter-Agency Coordination</b>                              |                            |   |
| City of Los Angeles Department of Transportation              | December 16, 2010          | Coordination of major street repair projects, re-surfacing, etc.          |
| City of Los Angeles Department of Public Works                | December 2010/January 2011 | Coordination of sewer or storm water projects                             |
| <b>Elected Officials</b>                                      |                            |   |
| City Council District 6                                       | January 20, 2011           | Briefing and coordination of outreach to CD6 constituents                 |
| CD6 field deputy Lorena Bernal                                | September 7, 2012          | Coordination of outreach to CD 6 Constituents                             |
| CD 7 – Pacoima District Office                                | January 28, 2013           | Briefing and coordination of outreach to CD7 constituents                 |
| CD 2 – Damian Carroll at City Hall                            | February 26, 2013          | Briefing and coordination of outreach to CD2 constituents                 |
| CD 6 Briefing Requested via email                             | May 23, 2013               | No response. Pending change in leadership due to re-election.             |
| CD 6 – Lydia Levitan  | September 12, 2013         | Briefing for new Council Office representative (Martinez) post- election. |
| CD 7 – Pacoima District Office                                | November 4, 2013           | Briefing for new Council Office representative (Fuentes) post- election.  |
| <b>Neighborhood Councils and Other Organizations</b>          |                            |   |
| Pacoima Neighborhood Council                                  | February 4, 2012           | Briefed Jeff Stansfield of the Pacoima NC to prepare for Agenda           |
| Pacoima Neighborhood Council                                  | March 21, 2012             | Presented project information at monthly meeting                          |
| Neighborhood Council MOU Oversight Committee Meeting          | April 2, 2012              | Presented project information at monthly meeting                          |
| Arleta Neighborhood Watch                                     | August 23, 2012            | Presented project information at monthly meeting                          |
| Arleta Neighborhood Council meeting                           | August 24, 2012            | Presented project information at monthly meeting                          |
| Arleta Neighborhood Council                                   | December 18, 2012          | Presented project information at monthly meeting                          |
| North Hollywood Northeast Neighborhood Council                | February 21, 2013          | Presented project information at monthly meeting                          |
| North Hollywood West Neighborhood Council                     | February 27, 2013          | Presented project information at monthly meeting                          |
| <b>Community Meetings for Regional and Local Stakeholders</b> |                            |   |



|  |   |   |
|--|---|---|
| Community Meeting at Branford Park for neighbors of TJ06: Stanwin & Wentworth                            | December 8, 2011                                    | Presented the details of the well drilling project at Stanwin and Wentworth, as well as provided an overview of the entire groundwater improvement plan |
| Community meeting at Saticoy Field office for neighbors of Stanwin well site                             | February 2, 2012                                    | Community Meeting at the LADWP Saticoy Field Office   |
| LADWP hosted a meeting for neighbors of Bracken and Arleta well site.                                    | June 15, 2012                                       | Presented information about well drilling construction  |
| <b>Neighbors of Well Sites</b>   |   |   |
| Introductory phone calls to Immediate Neighbors of Proposed Well Sites                                   | May, June 2011                                      | Introductory phone calls to alert neighbors of upcoming well installation construction  |
| Neighbor of Stanwin site (Sergio Ibarra)   | November 2011                                       | Coordinate outreach to community and meeting planning   |
| Letters, community meeting invitation to neighbors of Stanwin well site, Ad in local newspaper           | Week of January 15, 2012                            | Invitation sent to all homes within 500 feet of Stanwin well-site for February 2, 2012 community meeting  |
| Call and follow-up (well site neighbor C. Sloan)   | January 10, 2012, April 9, 2012                     | Coordinate parking issues with resident and City street services departments  |
| Call and follow-up (well site neighbor C. Rueff)   | January 27, 2012, February 15, 2012, March 30, 2012 | Coordinate construction issues (access, noise, other)   |
| Hotline established  | January 2012  | Residents can call 213- 367-0107. Hotline information is available in English and Spanish.  |
| Project start notices distributed to neighbors within 1, 500 feet radius and immediate area of Wentworth | January 15, 2012<br>March 30, 2012                  | Written notice of upcoming well drilling construction   |
| Call and follow-up (well site neighbor Mr. McKenzie)   | April 9, 2012                                       | Coordinate construction issues  |
| Call and follow-up (well site neighbor Mr. Roy)  | August 27, 2012                                     | Construction issues (access)  |
| Call and follow-up (well site neighbor Ms. Hernandez)  | August 31, 2012                                     | Construction issues, general  |
| Call and follow up (well site neighbor Ms. Yashida)  | August 31, 2012                                     | Construction issues (access)  |
| Project start notices distributed to Arleta well site neighbors  | August 31, 2012                                     | Written notice of upcoming well drilling construction   |
| Project start notices distributed to well site #10 neighbors   | September 17, 2012                                  | Written notice of upcoming well drilling construction   |
| Night-work notices distributed to well site #10 neighbors  | October 15, 2012                                    | Written notice of upcoming night- time well drilling construction   |

|  |                  |                                |
|--|------------------|--------------------------------|
| Call and follow-up (well site neighbor Mr. Bondoc) | October 15, 2012 | Night time construction issues |
|--|------------------|--------------------------------|