2012 Local Groundwater Assistance Grant Program Application

Attachment 4. Project Description

Preparation of a Salt and Nutrient Management Plan for the Northern Cities Management Area and the Nipomo Mesa Management Area of the Santa Maria Groundwater Basin

City of Arroyo Grande

July 13, 2012

Attachment 4. Project Description

Attachment 4. Project Description 4-1
Project Description 4-2
Background 4-2
Goals and Objectives of the Project 4-3
Needed Facilities and Their Location 4-4
Affected Area 4-4
Project Coordination and Collaboration 4-4
Project Stakeholder Collaboration 4-4
Steering Committee 4-5
Court Ordered Requirements for Collaboration 4-5
Other Related Collaborative Efforts 4-6
Long-term Need and Merit 4-8
Continued Use of the Project 4-9
Technical Feasibility 4-9
Achieving Goals and Objectives of the GWMP 4-10
IRWMP Goals and Objectives 4-11
Appendix 4-1. Santa Maria Groundwater Basin Boundaries 4-13
Appendix 4-2. Well Monitoring Network and Well Data 4-14
Appendix 4-3. CCRWQCB Boundary 4-15
Appendix 4-4. Gaging Stations 4-16
Appendix 4-5. Weather Stations 4-17
Appendix 4-6. Letters of Support 4-18

Project Description

Assess whether the Project Description documented the following items:

(1) A complete, detailed description of the proposed project, including the goals of the proposal, needed facilities, their location, and the area affected.

The State Water Resources Control Board (State Water Board) adopted a Recycled Water Policy (Policy) in February 2009. The purpose of the Policy is to increase the use of recycled water in a manner that implements state and federal water quality laws. When recycled water is used in compliance with the Policy, Title 22, and all applicable state and federal water quality laws, the State Water Board strongly supports its use as a safe alternative to potable water for approved uses. The Policy requires that Salt and Nutrient Management Plans (SNMPs) are completed by May 14, 2014 to facilitate basin-wide management of salts and nutrients from all sources in a manner that optimizes recycled water use while ensuring protection of groundwater supply and beneficial uses, agricultural beneficial uses, and human health. The Policy requires stakeholders to develop implementation plans to meet these objectives for salts and nutrients. The implementation plans will then be adopted by Regional Water Quality Control Boards as amendments to each region's Basin Plan.

The purpose of this project is to develop a Salt and Nutrient Management Plan (SNMP) for the portions of the Santa Maria Groundwater Basin (Basin) underlying the Northern Cities Management Area (NCMA) and the Nipomo Mesa Management Area (NMMA) (referred hereafter as the "Project"). The City of Arroyo Grande is the lead applicant for the Project on behalf of the NCMA and NMMA.

The purpose of this Project Description is to provide a complete, detailed, and clear description of the proposed project for this 2012 LGA grant application. This Project Description includes the following sections:

- Background
- Project Coordination and Collaboration
- Long-term need and Merit
- Continued Use of the Project
- Achieving Goals and Objectives of the GWMP

Background

The Basin has been subject to ongoing litigation since 1997. In 2005, a Stipulation signed by many of the litigation parties divided the Basin into three management areas: the NCMA; the NMMA; and the Santa Maria Valley Management Area (SMVMA), collectively referred to as the "Management Areas". The Stipulation was substantially accepted by the Court via the January 25, 2008 Judgment. A requirement of the Stipulation was the establishment of Technical Groups (TGs) for each of the Management Areas to develop monitoring plans, administer the provisions of the Stipulation, and share groundwater information with the other management areas. For more information about the Basin adjudication see

"*Attachment 3. Status of GWMP*" of this 2012 LGA Grant application. The extent of the Basin and the boundaries of the three management areas are shown in the Appendix 4-1.

Goals and Objectives of the Project

The TGs for each of the Management Areas believe that developing SNMPs for the Basin is a critical step toward protecting the beneficial uses of the Basin. In fact, the SMVMA agencies have already begun the process of developing a SNMP for the SMVMA. In close coordination with those efforts, the NCMA and the NMMA are working collaboratively to develop a SNMP for the portion of the Basin underlying their two management areas. All funds, if awarded, will be administered by the City of Arroyo Grande directly to the consultant(s) selected to perform the tasks as defined in "*Attachment 5. Work Plan*" of this 2012 LGA Grant application.

The Project is a critical step toward improved groundwater monitoring and management and long-term water supply reliability in southern San Luis Obispo County, and is designed to assist the Basin stakeholders in planning and managing their long-term water supply operations and mitigating seawater intrusion. The goals for the Project are as follows:

1. Provide a tool and resource for improved groundwater management to protect and improve groundwater quantity and quality to ensure and improve the long-term groundwater supply reliability in the Basin;
2. Provide a structure for monitoring water quantity and quality for use in the development of recycled water and groundwater recharge projects within the Basin;
3. Collect and analyze data to enhance the understanding and management of the Basin.

Objectives for the Project include:

1. Meet the requirements of the State Water Board's Policy;
2. Utilize data collected for the Project to support meeting requirements for California Statewide Groundwater Elevation Monitoring (CASGEM) reporting, Groundwater Ambient Monitoring and Assessment (GAMA) reporting, and Court ordered monitoring and management reporting requirements per the Basin Judgment;
3. Develop a conceptual model for the Basin that will serve as the basis for the SNMP, support basin-wide management efforts, and support the future development of a numerical groundwater model;
4. Identify basin management objectives consistent with the Central Coast Regional Water Quality Control Board's (CCRWQCB) Water Quality Objectives and Monitoring and Assessment Objectives; the County of San Luis Obispo Integrated Regional Water Management Plan's IRWM Goals and Objectives; as well as the management objectives defined by the Judgment and subsequent annual reports for each of the Management Areas; and
5. Evaluate potential for conjunctive use opportunities or conceptual recharge projects and their effectiveness.

Needed Facilities and Their Location

The Project includes the development of a groundwater monitoring plan that is specifically designed to determine water quality in the Basin, with specific focus on the water quality near supply wells, recycling projects, and where groundwater has connectivity with adjacent surface waters. Although the project does not include the construction of any new facilities, it will rely heavily upon the network of existing monitoring wells throughout the Basin that are currently monitored by the NCMA TG, NMMA TG, and San Luis Obispo County. Appendix 4-2 includes a map of the existing monitoring well network that will be utilized for the Project and includes relevant data for those wells.

The project will also utilize existing weather stations and surface water gaging stations for source data to support the water balance and conceptual model. The gaging stations that will be used for the Project are shown in Appendix 4-4, and the weather stations are shown in Appendix 4-5.

Affected Area

The area directly affected by the Project includes the NCMA and NMMA portions of the Basin as shown in Appendix 4-1. The area indirectly affected by the Project may include San Luis Obispo County (SLO County) and the areas within the CCRWQCB's *Water Quality Control Plan for the Central Coast Region* (Basin Plan) boundary as shown in Appendix 4-3. CCRWQCB's geographic area encompasses all of Santa Cruz, San Benito, Monterey, San Luis Obispo, and Santa Barbara Counties as well as the southern one-third of Santa Clara County, and small portions of San Mateo, Kern, and Ventura Counties.

Project Coordination and Collaboration

Assess whether the Project Description documented the following items:

(2) The application demonstrates collaboration by the local public agency with other local public agencies with regard to the management of the affected groundwater basin.

Project Stakeholder Collaboration

Project stakeholders are those whose activities and operations may impact salt and nutrient management in the study area, including water agencies, wastewater agencies, agricultural interests, and recycled water producers. Other stakeholders may include private well owners, environmental groups, regulatory agencies and the general public.

The City of Arroyo Grande is applying for LGA grant funding on behalf of the Project stakeholders. Stakeholders in the NCMA include the City of Arroyo Grande, the City of Pismo Beach (Pismo Beach), the City of Grover Beach (Grover Beach), and Oceano Community Services District (OCSD). These agencies, along with local land owners, SLO County, and the San Luis Obispo County Flood Control & Water Conservation District (SLOCFC&WCD) have cooperatively managed local surface water and groundwater resources since 1969 to preserve the long-term integrity of water supplies. Stakeholders in the NMMA include ConocoPhillips, Golden State Water Company (GSWC), Nipomo Community Services District (NCSD), Rural Water Company (RWC), Woodlands Mutual Water Company (WMWC), and overlying agricultural landowners. South San Luis Obispo County Sanitation District (SSLOCSD), Pismo Beach,

WMWC, and RWC treat wastewater within the Basin. Other agencies and entities involved in the Basin who may participate in the Project include the CCRWQCB, agricultural interests within the Basin, landowners within the Basin, and the general public. All of these entities, agencies, and individuals are collectively referred to as stakeholders. The development of the Project is required to be a stakeholder driven process and will involve collaborative efforts between all of the stakeholders described previously in this paragraph.

Appendix 4-6 contains letters of support for the Project from stakeholders. The following stakeholders have submitted a letter of support for the development of the Project or intend to in the near future:

- County of San Luis Obispo
- CCRWQCB
- Grover Beach (*pending Council approval on July 16, 2012*)
- NCSD
- Pismo Beach (*pending Council approval in August 2012*)
- Santa Maria
- SSLOCSD (*Pending Board approval on July 17, 2012)*
- WMWC

The County of San Luis Obispo Department of Public Works has also indicated that the SLOCFC&WCD has allocated a portion of its budget for collaboration on groundwater basin efforts, including efforts in the Basin.

Steering Committee

The steering committee for this Project will include representatives for the various stakeholder groups as discussed previously. Additionally, the steering committee will coordinate with related steering committees, groups, and organizations in the Basin, including the SSLOCSD recycled water stakeholder group, currently being developed.

Consistent with completed and ongoing projects and efforts in the Basin, the development of the Project will utilize public outreach to encourage participation by urban and agricultural water users, as well as by stakeholders and other interested parties. Some potential tools that will be utilized to inform stakeholders about the Project include public workshops, the San Luis Obispo Water Resources Advisory Committee (WRAC), regularly scheduled TG management meetings, public notices for individual agency actions, steering committee meetings, and various other methods. This approach will facilitate cooperative development of the Project to ensure a high quality product.

Project collaboration and coordination between the Management Areas is required by the Stipulation and Judgment. Additionally, there are other related collaborative efforts that will contribute to the Project. The Court ordered requirements for collaboration between the Management Areas and other related collaborated efforts are described in detail in the following sections.

Court Ordered Requirements for Collaboration

The Basin's equivalent GWMP is the Court ordered adjudication of the Basin. The NCMA and NMMA are required by Court order to share information. Section F in the *2002 Settlement Agreement between the Northern Cities and Northern Land Owners* requires:

> *"The Northern Cities and Northern Landowners have agreed among themselves and do hereby reaffirm their agreement to cooperatively share and manage groundwater resources in the Northern Cities Area in accordance with a "Gentlemen's Agreement" that was originally developed in 1983 and amended thereafter."*

Section I.19 of the *2002 Settlement Agreement between the Northern Cities and Northern Land Owners* requires:

> *"Cooperation of all Parties. All parties to this litigation and this Agreement shall provide any documents, information, access to wells, and well data, and take any other actions reasonably requested to implement the Monitoring and Analysis Program".*

Section IV.D.1 of the Stipulation states that the Management Areas:

> *"shall freely share available well data, groundwater models, and other products and tools utilized in monitoring and analysis of conditions in the three Management Areas"*

Section X.C of the Stipulation indicates that the Stipulating Parties have a "Duty to Cooperate" and to not oppose or challenge the terms of the Stipulation and Judgment, including cooperatively sharing and managing groundwater resources in the NCMA.

Other Related Collaborative Efforts

Santa Maria Groundwater Basin Management Areas Technical Subcommittee

In July, 2010, representatives from the NCMA TG and NMMA TG convened a joint meeting to discuss shared issues and concerns related to ongoing management of the Basin. The two TGs agreed to form a joint subcommittee, including a representative from SLOCFC&WCD, to facilitate ongoing coordination and data sharing among the TGs and SLOCFC&WCD. In August, 2010, the joint subcommittee had its first meeting and established the following goals:

1. Engage in regional planning efforts to develop regional water supply projects/strategies for the South County area
2. Develop common methodologies for establishing safe yield estimates
3. Develop a common framework/methodology for establishing groundwater elevation contours
4. Facilitate data sharing between the NCMA and NMMA TGs
5. Develop a work plan and funding strategy for preparing a regional groundwater flow model
6. Consider data gaps and develop strategies for infill

Beginning in 2011, the joint subcommittee was expanded to include representatives from the SMVMA TG and the group changed its name to the Santa Maria Groundwater Basin Management Areas

Technical Subcommittee (Technical Subcommittee). The Technical Subcommittee has held 13 meetings over the last two years. The SMVMA is developing its own SNMP; however, the efforts within the NCMA and NMMA portions of the Basin have been coordinated with the representatives from the SMVMA and are consistent with the work being completed in the SMVMA. The members of the Technical Subcommittee will collaborate as necessary throughout the development of the SNMP.

Integrated Regional Water Management Planning

The portion of the Basin underlying the NCMA and NMMA is located within the San Luis Obispo County (SLO County) Integrated Regional Water Management Plan (IRWMP) boundary and the portion underlying the SMVMA is located primarily in the Santa Barbara County IRWMP boundary. The SLO County IRWMP planning grant application, currently under review by the California Department of Water Resources (DWR), includes projects that will feed into the development of the SNMP. The two projects are described in further detail in the following sections.

SLO County IRWMP Planning Grant Application Task 19.4 Groundwater Basin Characterization for the Santa Maria Groundwater Basin

The SLO County IRWMP planning grant scope contains tasks that will initiate the development of the SNMP for the Basin by performing Groundwater Basin Characterization of the Santa Maria Groundwater Basin (Groundwater Basin Characterization), but will not produce a completed SNMP for the Basin. The SLOCFC&WCD and the Technical Subcommittee will lead the effort to conduct data analysis, investigate the groundwater Basin characterization, and develop goals and objectives for a groundwater model and a SNMP for the Basin. The findings of the Groundwater Basin Characterization and the development of a SNMP will benefit other projects in the SLO County IRWMP region. The Groundwater Basin Characterization will benefit this Project through improving the stakeholders' understanding of the geology and hydrogeology of the Basin and will help in developing the conceptual model for the Basin. The conceptual model will inform the SNMP as well as future efforts to develop a groundwater model.

An improved understanding of the hydrogeology and salt and nutrient movement will aid in developing recycled water programs that do not detrimentally impact the water quality in the basin. Coordination between IRWMP planning regions and the Technical Subcommittee will ultimately allow for close integration of Basin planning and management activities being conducted by all management areas and entities within the Basin.

SLO County IRWMP Planning Grant Application Task 19.5 Regional Recycled Water Strategic Plan

The SLO County IRWMP planning grant scope also includes a project to evaluate the potential for developing recycled water systems at five (5) wastewater treatment facilities in SLO County, three (3) of which are located within the Basin. Evaluating impacts of existing and potential recycled water projects is critical component of the SNMP development process. The Regional Recycled Water Strategic Plan will include supply analysis, market identification and quantification, water quality analysis, delineation of regulatory and permitting requirements, and prioritization of recycled water strategies. These results will be used in the SNMP and also to inform the SLO County IRWMP region about recycled water usage potential and recycled water strategies.

Central Coast regional Water Quality Control Board Agricultural Order

The CCRWQCB Order No. R3-2012-0011 (Ag Order) updated the Conditional Waiver of Waste Discharge Requirements for irrigated lands in the Central Coast Region. The Ag Order requires landowners and operators of irrigated lands where water is applied for producing commercial crops, from which runoff could affect water quality, to comply with the following requirements:

1. Enroll in the Order by filing an electronic-Notice of Intent (eNOI)
2. Develop and Implement a Farm Plan
3. Implement management practices to protect water quality
4. Conduct Surface Water Receiving Monitoring and Reporting (Cooperatively or Individually)
5. Conduct Groundwater Monitoring and Reporting (Cooperatively or Individually)
6. Install Backflow Prevention devices
7. Submit Annual Compliance Form (Tier 2 and Tier 3 ONLY)
8. Conduct Individual Discharge Monitoring and Reporting (Tier 3 ONLY)
9. Develop and Implement Certified Irrigation and Nutrient Management Plan (Tier 3 ONLY)
10. Develop and Implement Water Quality Buffer Plan (Tier 3 ONLY)

The Project will incorporate monitoring data required by the Ag Order to the extent that data is available. There are provisions within the Ag Order which protect farmers' privacy and anonymity. As discussed previously, outreach efforts will be pursued to involve agricultural users and overlying land owners within the Basin. Agricultural monitoring and management is a key contributing factor to understanding the Basin.

Long-term Need and Merit

Assess whether the Project Description documented the following items:

(3) Demonstration of the long-term need for and merit of the proposed project.

The CCRWQCB has documented widespread increases in salt and nutrient pollution in groundwater basins throughout the Central Coast Region and has determined that regional management plans and programmatic projects must be developed to protect the beneficial uses of the basins. This Project will help maintain the long-term sustainability of the Basin, protect beneficial uses, and integrate related collaborative efforts by:

1. Providing a structure for monitoring water quality throughout the Basin;
2. Developing implementation measures, goals and objectives designed to manage salt and nutrient loading;
3. Meeting the requirements of the State Water Board's Recycled Water Policy;
4. Supporting the DWR's CASGEM monitoring program;
5. Supporting the State Water Board's GAMA monitoring program;
6. Augmenting Court ordered monitoring and management reporting;
7. Developing a conceptual model for the Basin that can be utilized to better evaluate water resource management alternatives;

8. Identifying basin management objectives consistent with the CCRWQCB's Water Quality Objectives and Monitoring and Assessment Objectives, as well as the management objectives defined by the Judgment and subsequent annual reports for each of the Management Areas; and
9. Evaluating potential for conjunctive use opportunities or conceptual recharge projects and their effectiveness.

Continued Use of the Project

Assess whether the Project Description documented the following items:

(5) An explanation of how the ongoing use of the product(s) of the proposed project, including any required ongoing monitoring or maintenance, once grant funding is expended, will be funded.

The Project stakeholders will continue to monitor and manage the Basin as defined in the monitoring program and implementation plan developed as part of the SNMP. The Project steering committee will develop a funding plan to cover the costs of any additional monitoring identified in the SNMP monitoring plan and for maintenance of the monitoring database. The portion of future costs required by implementation plan measures will be covered by the agencies subject to the requirements of the implementation plan.

Additionally, as previously described, the Management Areas are required by the Judgment to monitor groundwater conditions and report groundwater production, groundwater monitoring results, and management activities in annual reports submitted to the Court. These monitoring and reporting activities are funded by the member agencies of each of the management area TGs.

A critical component of the Policy requires stakeholders to develop implementation measures as well as goals and objectives to manage salt and nutrient loading in the Basin. The implementation measures will be adopted by CCRWQCB as an amendment to its Basin Plan. The Basin Plan will continue to use the SNMP as a resource for regulating salt and nutrient loading within the Basin. The updated Basin Plan would also provide a regulatory framework for permitting recycled water projects.

The SNMP and data collected to create the SNMP could eventually feed into a Basin groundwater flow model that will aid the stakeholders in managing their groundwater resources. The development a groundwater flow model could help to identify potential recharge areas within the Basin. These recharge areas could be utilized for conjunctive use programs or developing seawater intrusion barriers.

As discussed previously, efforts from the Project are currently being coordinated with IRWMP efforts. The SNMP will continue to be closely integrated with the SLO County IRWMP and could be included as a component of the IRWMP in the future.

Technical Feasibility

The quality and usefulness of the information obtained from the project will be based on technically feasible methods. The Project will build on tools and methodologies developed through monitoring and

management activities within the Basin since 1969. The following information/deliverables for the project will be developed using the following data sources, technical methodologies, and analyses:

A conceptual model of the basin

- The conceptual model of the basin will be based on the results of the Groundwater Basin Characterization and other previously completed geologic and hydrogeologic investigations.

Estimates for existing and future salt and nutrient loading in the Basin

- Salt and nutrient loading estimates will be based on a comprehensive analysis of the point and non-point sources within the Basin. GIS based land use and crop data will be utilized to evaluate loading from non-point sources.

An evaluate of fate and transport of salt and nutrients

- Fate and transport of salts and nutrients will be evaluated using the conceptual model and technical reference documents.

An evaluation of the assimilative capacity of the Basin

- Assimilative capacity will be developed using salt and nutrient loading estimates, water balance analysis, and fate and transport evaluations.

Implementation measures, goals and objectives for managing salt and nutrient loading

- Implementation measures will be developed using input provided by the participating stakeholders and the applicable regulatory agencies.

Achieving Goals and Objectives of the GWMP

Assess whether the Project Description documented the following items:

(4) Demonstration that a definite and achievable quantity of new knowledge and improvement in groundwater management will be obtained that is consistent with the goals and objectives of the GWMP or other groundwater management program.

According to *Section IV.B. Purposes and Objectives* of the Basin Stipulation the terms and conditions of the Stipulation are:

> *"intended to impose a physical solution establishing a legal and practical means for ensuring the Basin's long-term sustainability. This physical solution governs Groundwater, [State Water Project] Water and Storage Space, and is intended to ensure that the Basin continues to be capable of supporting all existing and future reasonable and beneficial uses."*

The Project will build upon prior and ongoing efforts to address groundwater management issues in the Basin to ensure the long-term sustainability of the Basin. The Project will provide supplemental groundwater condition and management data to aid in meeting the requirements of the Basin Stipulation and Judgment, which is the Basin's equivalent GWMP. In accordance with the Judgment, the NCMA TG, NMMA TG, and SMVMA TG submit annual reports to the Court to document collection of data and analysis of water supply and demand, including:

- Land and water uses in the Basin
- Sources of supply to meet those uses
- Groundwater conditions (including water levels and water quality)

The Project meets the following management objectives from the NCMA *2011 Annual Report*:

1. Share Groundwater Resources and Manage Pumping
2. Monitor Supply and Demand and Share Information
3. Manage Groundwater Levels and Prevent Seawater Intrusion
4. Protect Groundwater Quality
5. Manage Cooperatively
6. Encourage Water Conservation
7. Evaluate alternative sources of new developed water (Stipulation Section IV)

The Project meets the following monitoring objectives from the NMMA *2011 Annual Report:*

> *"The objectives of the Monitoring Program are to establish appropriate data collection criteria and analytical techniques to be used within the NMMA so that groundwater conditions, changes in groundwater supplies, threats to groundwater supplies, water use, and sources of water can be documented and reported on an annual basis"*

IRWMP Goals and Objectives

The SLO County IRWMP is a regional water resources planning document that seeks to align regional water resources management with the State's California Water Plan. As described previously, the SLO County IRWMP is already correlated to the Project and will continue to be in a collaborative effort for water resources management between stakeholders in the Basin. The Project goals and objectives described previously align with goals 1 and 4 and subsequent objectives of the SLO County IRWMP:

1. *Water Quality Goal: Protect and improve water quality for beneficial uses consistent with regional interests and the Basin Plan in cooperation with local and state agencies and regional stakeholders without unfairly burdening communities, neighborhoods or individuals.*
   Water Quality Objectives:
   1. *Protect and improve source water quality.*
   2. *Meet all federal and state drinking water standards.*
   3. *Support the development and implementation of TMDLs.*
   4. *Implement NPDES Phase II Storm Water Management Programs.*
   5. *Implement the California NPS Plan and the RWQCB Conditional Agricultural Waiver Program for irrigated agriculture.*
   6. *Comply with new waste discharge requirements.*
4. *Groundwater Monitoring and Management Goal: Monitor, protect, and improve the regions groundwater through a collaborative approach designed to reduce conflicts without unfairly burdening communities, neighborhoods or individuals.*
   1. *Develop monitoring and reporting programs for groundwater basins in the region.*

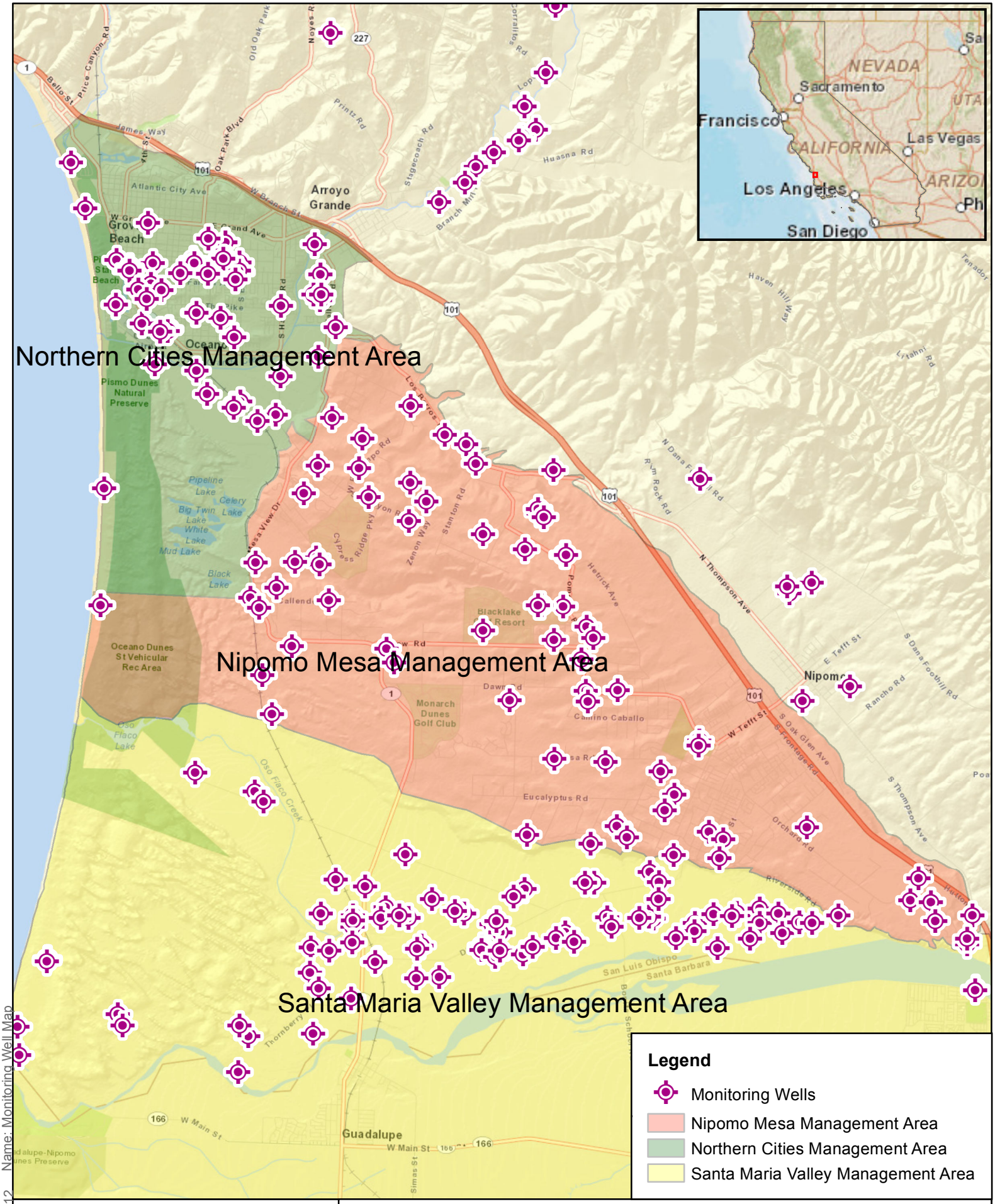
2. *Evaluate and consider Groundwater Banking Programs.*
3. *Protect and improve groundwater quality from point and non-point source pollution, including nitrate contamination; MTBE and other industrial, agricultural, and commercial sources of contamination; naturally occurring mineralization, boron, radionuclide geothermal contamination; and seawater intrusion and salts.*
4. *Conduct public education and outreach about ground water protection.*
5. *Identify areas of known or expected conflicts and target stakeholders on specific actions that they should take to help protect groundwater basin quality and supply.*
6. *Recharge ground water with high quality water.*

Appendix 4-1. Santa Maria Groundwater Basin Boundaries

Santa Maria Groundwater Basin

Date: 7/11/2012 Name: SMGB Adjudication

Appendix 4-2. Well Monitoring Network and Well Data


Northern Cities Management Area
Nipomo Mesa Management Area
Santa Maria Valley Management Area
Arroyo Grande
Grover Beach
Oceano
Nipomo
Guadalupe
Pismo Dunes Natural Preserve
Oceano Dunes St Vehicular Rec Area
Monarch Dunes Golf Club
Blacklake Resort
Pipeline Lake
Celery Lake
Big Twin Lake
White Lake
Mud Lake
Black Lake
Oso Flaco Lake
Oso Flaco Creek
Atlantic City Ave
W Branch St
Oak Park Blvd
Price Canyon Rd
Old Oak Park
Noyes Rd
Printz Rd
Stagecoach Rd
Huasna Rd
Corralitos Rd
Haven Hill Way
Litahni Rd
N Dana Foothill Rd
Ram Rock Rd
N Thompson Ave
Hetrick Ave
Stanton Rd
Zenon Way
Cypress Ridge Pkwy
Los Berros
Mesa View Dr
Dawn Rd
Camino Caballo
Eucalyptus Rd
W Tefft St
E Tefft St
S Oak Glen Ave
S Frontage Rd
S Dana Foothill Rd
Rancho Rd
S Thompson Ave
Orchard Rd
Riverside Rd
Hutton
San Luis Obispo
Santa Barbara
Thornberry
W Main St
Simas St
Tenado
Nevada
Sacramento
Francisco
California
Las Vegas
Los Angeles
San Diego
Legend
Monitoring Wells
Nipomo Mesa Management Area
Northern Cities Management Area
Santa Maria Valley Management Area
0 0.3 0.6 1.2 1.8 2.4
Miles
N
Santa Maria Groundwater Basin
Name: Monitoring Well Map
Date: 7/12/2012

FID	Shape	Well	CommonName	Constructi	Basin	RefElevati	Total_Dept	Area	Book	Data_Relea
0	Point	10N/34W-01F01				234	0		0	
1	Point	10N/34W-02B01				220	0		0	
2	Point	10N/35W-04C01				88	0		0	
3	Point	10N/35W-05J01				79	0		0	
4	Point	10N/35W-05M01				64	0		0	
5	Point	10N/35W-06A01	UNION OIL #1		SANTA MARIA...	75	0	SANTA MARIA	27	
6	Point	10N/35W-06A02	UNION OIL #2	20' deep	SANTA MARIA...	75	20	SANTA MARIA	27	
7	Point	10N/35W-06A03	UNION OIL #3	117.6' deep	SANTA MARIA...	75	118	SANTA MARIA	27	
8	Point	10N/36W-01B01	UNION OIL - ...	440'-490', 551'...	SANTA MARIA...	100	0	SANTA MARIA	27	
9	Point	10N/36W-01H01	UNION OIL - ...	265'-305', 348'...	SANTA MARIA...	140.16	0	SANTA MARIA	27	
10	Point	10N/36W-02G01				20	0		0	
11	Point	10N/36W-02G02				20	0		0	
12	Point	10N/36W-02Q01	DWR OBS WE...	568-671'/671' ...	SANTA MARIA...	15.2	671	SANTA MARIA	27	
13	Point	10N/36W-02Q02	DWR OBS WE...	467-535'/671' ...	SANTA MARIA...	15.2	671	SANTA MARIA	27	
14	Point	10N/36W-02Q03	DWR OBS WE...	397-444'/448' ...	SANTA MARIA...	15.2	448	SANTA MARIA	27	
15	Point	10N/36W-02Q04	DWR OBS WE...	291-378'/448' ...	SANTA MARIA...	15.2	448	SANTA MARIA	27	
16	Point	10N/36W-02Q05	DRW OBS WE...	185-246'/448' ...	SANTA MARIA...	15.2	448	SANTA MARIA	27	
17	Point	10N/36W-02Q06	DRW OBS WE...	130-170'/448' ...	SANTA MARIA...	15.2	448	SANTA MARIA	27	
18	Point	10N/36W-02Q07	DRW OBS WE...	19-47'/47' deep	SANTA MARIA...	15.2	47	SANTA MARIA	27	
19	Point	11N/26W-02G02	BLM TRAVE...		CARRIZO PLAIN	2125	0	CARRIZO LOWER	0	
20	Point	11N/34W-05G01	DANAS		BASIN NOT K...	426	0	NIPOMO	0	
21	Point	11N/34W-05J01	C & M NURS...	56'-600'	BASIN NOT K...	390	0	NIPOMO FOOTHILLS	25	
22	Point	11N/34W-05K01	TODD DOMES...	180' deep	BASIN NOT K...	380	180	NIPOMO FOOTHILLS	25	
23	Point	11N/34W-05K02	TODD IRRIGA...	350'deep,pum...	BASIN NOT K...	400	350	NIPOMO FOOTHILLS	25	
24	Point	11N/34W-05Q01	C & M NURS...		BASIN NOT K...	375	0	NIPOMO	0	
25	Point	11N/34W-05Q02	C & M NURS...		BASIN NOT K...	376.5	0	NIPOMO	0	
26	Point	11N/34W-06F01	MEHLSCHAU		BASIN NOT K...	355	0	NIPOMO FOOTHILLS	0	
27	Point	11N/34W-06G01	C & M NURS...		BASIN NOT K...	371	0	NIPOMO	0	
28	Point	11N/34W-08G01	HERMIRECK...		SANTA MARIA...	351	0	NIPOMO	30	Public Release
29	Point	11N/34W-08R01	JOCKO'S RE...		BASIN NOT K...	341	0	NIPOMO	0	
30	Point	11N/34W-09P01	FOOTHILL F...	Bowles @ 185/...	BASIN NOT K...	376	0	NIPOMO	25	
31	Point	11N/34W-17A02	NCSD CHURCH	140'-240' .06"	BASIN NOT K...	320	0	NIPOMO	30	Public Release
32	Point	11N/34W-17B04	NCSD SAVAG...	33'-225'	BASIN NOT K...	310	0	NIPOMO	25	
33	Point	11N/34W-17B05	NCSD SAVAG...	225' depth	SANTA MARIA...	310	225	NIPOMO	30	Public Release
34	Point	11N/34W-18P01	NIPOMO REG...		BASIN NOT K...	360	0	NIPOMO	0	
35	Point	11N/34W-18P02				350	0		0	
36	Point	11N/34W-18P03	NIPOMO REG...	230'-245', 250'...	SANTA MARIA...	373	0	NIPOMO MESA UPPER	25	
37	Point	11N/34W-19E01	EUCALYPTUS		SANTA MARIA...	0	0		0	
38	Point	11N/34W-19L03	VISTA #3		SANTA MARIA...	0	0		0	
39	Point	11N/34W-19L04	VISTA #5		BASIN NOT K...	337	0		0	
40	Point	11N/34W-19Q01	BENNY - DIVI...	315' depth	SANTA MARIA...	306	315	NIPOMO MESA UPPER	25	
41	Point	11N/34W-20J02	EGG FARM		SANTA MARIA...	315	0	NIPOMO	25	
42	Point	11N/34W-21D01	SOUTHLAND #2		BASIN NOT K...	310	0	NIPOMO	0	
43	Point	11N/34W-21D02	SOUTHLAND #1		BASIN NOT K...	310	0	NIPOMO	0	
44	Point	11N/34W-27D01	P G & E	Sounded 135'1...	SANTA MARIA...	296	135	NIPOMO	25	
45	Point	11N/34W-27E01	LAMPHIER - ...	200'-215', 245'...	SANTA MARIA...	305	0	NIPOMO MESA UPPER	25	Limited Release
46	Point	11N/34W-27P01				287	0		0	
47	Point	11N/34W-27P02				298	0		0	
48	Point	11N/34W-27R01				225	0		0	
49	Point	11N/34W-28P01				210	0		0	
50	Point	11N/34W-29N01				153	0		0	
51	Point	11N/34W-29P01				159	0		0	
52	Point	11N/34W-29P02				159	0		0	
53	Point	11N/34W-29P03				156	0		0	
54	Point	11N/34W-29Q01				165	0		0	
55	Point	11N/34W-29Q02	OKUI FARMS ...		SANTA MARIA...	171	0	LOWER MESA/RIVERSIDE RD.	26	
56	Point	11N/34W-29R01	MUIR - RIVER...	112-120, 163' ...	SANTA MARIA...	166	163	SANTA MARIA	26	
57	Point	11N/34W-29R02	OKUI FARMS -...		SANTA MARIA...	171	0	LOWER MESA/ RIVERSIDE RD	26	
58	Point	11N/34W-29R03	MEHLSCHAU		BASIN NOT K...	174.8	0	NIPOMO MESA	26	
59	Point	11N/34W-30D02				145	0		0	
60	Point	11N/34W-30G01				120	0		0	
61	Point	11N/34W-30N01				140	0		0	
62	Point	11N/34W-30Q01				148	0		0	
63	Point	11N/34W-30R01				153	0		0	
64	Point	11N/34W-30R02				155	0		0	
65	Point	11N/34W-31B01				145	0		0	
66	Point	11N/34W-31C01				140	0		0	
67	Point	11N/34W-31H01				150	0		0	

UTM_X	UTM_Y	Data_Sourc	Municipal_	Date_Insta	Type	DHS_ID	Scanned_We	Paper_Well	Construc_1	Top_Perf_1
736068.1916	3873636.3659	DWR					0			
735140.8022	3874167.4435	DWR					0			
721534.0183	3873948.7271	DWR					0			
720820.831	3873221.0554	DWR					0			
719544.7036	3873101.4456	DWR					0			
719362.0654	3873309.1715	SLO_County					0			
719384.3025	3872384.7595	SLO_County					0		TD	
719362.0654	3873309.1715	SLO_County					0		TD	
716949.0194	3873405.5932	SLO_County					0		PERFS	440
717055.5995	3873192.3127	SLO_County					0		PERFS	265
714977.898	3873059.2326	DWR					0			
714977.898	3873059.2326	DWR					0			
715041.9038	3872497.1602	SLO_County					0		PERFS + TD	568
715041.9038	3872497.1602	SLO_County					0		PERFS + TD	467
715041.9038	3872497.1602	SLO_County					0		PERFS + TD	397
715041.9038	3872497.1602	SLO_County					0		PERFS + TD	291
715041.9038	3872497.1602	SLO_County					0		PERFS + TD	185
715041.9038	3872497.1602	SLO_County					0		PERFS + TD	130
715041.9038	3872497.1602	SLO_County					0		PERFS + TD	19
0	0	SLO_County					0			
0	0	SLO_County					0			
730216.9927	3882611.3192	SLO_County					-1		PERFS	56
729791.7065	3882384.7154	SLO_County					0		TD	
729737.9151	3882506.6946	SLO_County					-1		TD	
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
731079.4745	3880598.0939	SLO_County					0		PUMP	
0	0	SLO_County					0		PERFS	140
730174.9127	3880266.8127	SLO_County					0		PERFS	33
730149.5686	3880266.1715	SLO_County					0		TD	
0	0	SLO_County					0			
728158.0826	3879384.7192	DWR					0			
728145.2234	3879290.661	SLO_County					-1		PERFS	230
727713.6548	3878293.1645	SLO_County					-1			
728441.2179	3877602.2087	SLO_County					0			
0	0	SLO_County					0			
728723.9525	3877455.1358	SLO_County					0		TD	
730364.8034	3877774.011	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
732620.1084	3876875.4626	SLO_County					0		TD	
732478.9958	3876440.1681	SLO_County					-1		PERFS	200
732890.2847	3876429.7064	DWR					0			
732991.2101	3876054.8643	DWR					0			
733718.3406	3876195.5978	DWR					0			
731072.5936	3876072.6012	DWR					0			
729064.4092	3876021.8861	DWR					0			
729521.6522	3876000.0934	DWR					0			
729518.5778	3876122.1197	DWR					0			
729525.5649	3875844.7871	DWR					0			
729885.9378	3876042.5796	DWR					0			
729986.7399	3875667.7107	SLO_County					0			
730589.8468	3875898.7962	SLO_County					0		PERFS + TD	112
730310.9271	3875891.741	SLO_County					0			
730564.4905	3875898.1545	SLO_County					0			
727758.7393	3877099.1693	DWR					0			
728672.2699	3877088.7615	DWR					0			
727425.2348	3875825.4164	DWR					0			
728248.441	3875779.4015	DWR					0			
728608.8404	3875977.1419	DWR					0			
728974.8013	3875953.0316	DWR					0			
728252.3317	3875624.0959	DWR					0			
727890.8011	3875470.7438	DWR					0			
728717.1075	3875302.7433	DWR					0			

Bottom_Per	Top_Perf_2	Bottom_P_1	Top_Perf_3	Bottom_P_2	Top_Perf_4	Bottom_P_3	Top_Perf_5	Bottom_P_4	Casing
490	551	563	594	602					
305	348	352	360	370					
671									
535									
444									
378									
246									
170									
47									
600									
240									
225									
245	250	270	280	300					
215	245	285							
120									

Hydrograph	Sentry_Wel	2008_Count	2009_Conto
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

FID	Shape	Well	CommonName	Constructi	Basin	RefElevati	Total_Dept	Area	Book	Data_Relea
68	Point	11N/34W-32C01				157	0		0	
69	Point	11N/34W-34A01				229	0		0	
70	Point	11N/34W-34A02				232	0		0	
71	Point	11N/34W-34J01				209	0		0	
72	Point	11N/34W-34J02				210	0		0	
73	Point	11N/34W-35F01				215	0		0	
74	Point	11N/35W-02F01	WILLIAMS - ...	352-382'	SANTA MARIA...	381	382	NIPOMO MESA UPPER	24	
75	Point	11N/35W-02F02	OLNEY		SANTA MARIA...	391	0	NIPOMO MESA	0	
76	Point	11N/35W-02G01	SMITH OBSE...	130' sounded	SANTA MARIA...	400	130	NIPOMO MESA UPPER	24	
77	Point	11N/35W-02G02	SMITH DOME...	258' depth per...	SANTA MARIA...	400	258	NIPOMO MESA UPPER	24	
78	Point	11N/35W-02N01	NCSD BLACK ...		SANTA MARIA...	250	0	NIPOMO MESA UPPER	0	
79	Point	11N/35W-03B01	FITZPATRICK ...	290-310'	SANTA MARIA...	320.5	0	NIPOMO MESA UPPER	24	Limited Release
80	Point	11N/35W-05G01	ANDREWS - ...	250-265',165'd...	SANTA MARIA...	140	165	NIPOMO MESA UPPER	23	
81	Point	11N/35W-05G02	WHITE - FOW...	140'+ pump	SANTA MARIA...	135	140	NIPOMO MESA UPPER	23	
82	Point	11N/35W-05L01	SACKMAN - ...	192'-200'	SANTA MARIA...	109	240	NIPOMO MESA UPPER	23	
83	Point	11N/35W-05L03	SACKMAN		SANTA MARIA...	109	0	MESA	23	
84	Point	11N/35W-05N02	ALVES - CAL...	258'-278'	SANTA MARIA...	100	0	NIPOMO MESA UPPER	23	
85	Point	11N/35W-05R01	GATES - CAL...	220'-240'	SANTA MARIA...	140	0	NIPOMO MESA UPPER	23	
86	Point	11N/35W-06J01	RUDD - HWY #1		SANTA MARIA...	101	0	NIPOMO MESA UPPER	23	
87	Point	11N/35W-07A01				100	0		0	
88	Point	11N/35W-07R01				95	0		0	
89	Point	11N/35W-08C01	HUSTON		BASIN NOT K...	100.5	0	NIPOMO	0	
90	Point	11N/35W-08K01	WOODLAND ...		BASIN NOT K...	120	0		0	
91	Point	11N/35W-08L01	CDF		BASIN NOT K...	121	0		23	
92	Point	11N/35W-09G01				200	0		0	
93	Point	11N/35W-09K02	SCHAEFER ...	356' deep	SANTA MARIA...	190.2	356	NIPOMO MESA UPPER	23	
94	Point	11N/35W-09K04	CASANO - H...	274' deep	SANTA MARIA...	183	274	NIPOMO MESA UPPER	23	
95	Point	11N/35W-09K05	NCSD EUREK...	220-575'	SANTA MARIA...	180	0	NIPOMO MESA UPPER	30	Public Release
96	Point	11N/35W-09P01	WOODLAND ...		BASIN NOT K...	165.5	0		0	
97	Point	11N/35W-10G01	BLACK LAKE...	230'-255', 265'...	SANTA MARIA...	340	0	NIPOMO MESA UPPER	23	
98	Point	11N/35W-10G02	BLACK LAKE...		SANTA MARIA...	320	0	NIPOMO	0	
99	Point	11N/35W-10G03	BLACK LAKE...		SANTA MARIA...	300	0		0	
100	Point	11N/35W-10G04	BLACK LAKE #3	330-550	SANTA MARIA...	320	0	NIPOMO	0	
101	Point	11N/35W-10G05	BLACK LAKE #4		SANTA MARIA...	291	0	NIPOMO	30	Public Release
102	Point	11N/35W-10J01	NCSD BEVEI...		BASIN NOT K...	320	0	NIPOMO MESA	0	
103	Point	11N/35W-10J02	BEVINGTON ...	330'-570'.040...	SANTA MARIA...	320	0	NIPOMO MESA UPPER	30	Public Release
104	Point	11N/35W-10L01	NCSD VIA C...		SANTA MARIA...	240	0	NIPOMO MESA	30	
105	Point	11N/35W-10R01	PUDWELL		SANTA MARIA...	275	0	NIPOMO MESA UPPER	0	
106	Point	11N/35W-11B01	NASHOLM - ...	315-320/366-372	SANTA MARIA...	385	360	NIPOMO MESA UPPER	25	
107	Point	11N/35W-11C01	NASHOLM - ...	210-233/320-324	SANTA MARIA...	267	365	NIPOMO MESA UPPER	25	
108	Point	11N/35W-11C02	STRUBLE - M...	232'-312'	SANTA MARIA...	285	0	NIPOMO MESA UPPER	25	
109	Point	11N/35W-11J01	CAMACHO - ...	257-267', 287-...	SANTA MARIA...	352	350	NIPOMO MESA UPPER	25	
110	Point	11N/35W-11J02				362	0		0	
111	Point	11N/35W-11J03	OMIYA 2		SANTA MARIA...	363	0	NIPOMO MESA	30	Public Release
112	Point	11N/35W-12E02				380	0		0	
113	Point	11N/35W-12E03	NOLLER		BASIN NOT K...	410	0		0	
114	Point	11N/35W-12E04	NOLLER	326'-336', 352'...	SANTA MARIA...	411	0		25	
115	Point	11N/35W-13C01	ARLT - POME...	500'	SANTA MARIA...	345	500	NIPOMO MESA UPPER	25	
116	Point	11N/35W-13D01	KAMINAKA		SANTA MARIA...	299	400	NIPOMO MASA	25	Public Release
117	Point	11N/35W-13E02	KAMINAKA - ...	306-307', 373-...	SANTA MARIA...	306	430	NIPOMO MESA UPPER	25	Public Release
118	Point	11N/35W-13E03	KAMINAKA - ...	255'-258', 278'...	SANTA MARIA...	306	350	NIPOMO MESA UPPER	25	Public Release
119	Point	11N/35W-13G01	OLYMPIC		SANTA MARIA...	311	0	NIPOMO	30	Public Release
120	Point	11N/35W-13K01	CHANDLER		BASIN NOT K...	330	0	NIPOMO MESA	0	
121	Point	11N/35W-13M02	NCSD DANA #1		SANTA MARIA...	300	0	NIPOMO	30	Public Release
122	Point	11N/35W-14E01	SUNDALE	380'-580' 630'...	BASIN NOT K...	246	0	NIPOMO MESA	30	Public Release
123	Point	11N/35W-14J01	NCSD DANA #2		SANTA MARIA...	301	0	NIPOMO MESA	30	Public Release
124	Point	11N/35W-16B01	WITHEROW -...	460'+,bowls 230'	SANTA MARIA...	198	460	NIPOMO MESA UPPER	0	
125	Point	11N/35W-17E01	UNION CHEM...	395'-520'	SANTA MARIA...	90	0	NIPOMO MESA UPPER	22	
126	Point	11N/35W-19C01				37	0		0	
127	Point	11N/35W-19C02				37	0		0	
128	Point	11N/35W-19E02	ENOS		BASIN NOT K...	30	0		0	
129	Point	11N/35W-20E01				49	0		0	
130	Point	11N/35W-21K01				63	0		0	
131	Point	11N/35W-23B01	THOLE - MESA	Depth 575'	SANTA MARIA...	275	575	NIPOMO MESA UPPER	25	
132	Point	11N/35W-23L01	BAILEY	430 - 470	SANTA MARIA...	280	0	NIPOMO	25	
133	Point	11N/35W-24A01	OSAGE		BASIN NOT K...	325	0		0	
134	Point	11N/35W-24D01	TRUEGAS - M...	343-348', 357-...	SANTA MARIA...	321.5	0	NIPOMO MESA UPPER	25	
135	Point	11N/35W-24J01	LA SERENA	370-605'	SANTA MARIA...	0	0		0	

UTM_X	UTM_Y	Data_Sourc	Municipal_	Date_Insta	Type	DHS_ID	Scanned_We	Paper_Well	Construc_1	Top_Perf_1
729350.818	3875529.5774	DWR					0			
733641.8521	3875616.3978	DWR					0			
733638.723	3875738.4255	DWR					0			
733846.63	3874755.7936	DWR					0			
733847.4839	3874722.5134	DWR					0			
734477.1402	3875105.0165	DWR					0			
724528.4776	3882993.2007	SLO_County					-1	Y	PERFS	352
0	0	SLO_County					0			
725290.8415	3882919.5654	SLO_County					0		TD	
725341.5136	3882920.8216	SLO_County					0		TD	
0	0	SLO_County					0			
723685.574	3883249.9154	SLO_County					-1		PERFS	290
720405.5038	3882614.7923	SLO_County					0		PERFS + TD	250
720484.5021	3882493.3788	SLO_County					0		TD	
720002.3621	3882512.5294	SLO_County					0	Y	PERFS	192
720002.3621	3882512.5294	SLO_County					0			
719660.3092	3881980.1112	SLO_County					-1		PERFS	258
720704.3994	3881789.5704	SLO_County					-1		PERFS	220
719217.6766	3882462.7399	SLO_County					0			
719153.4758	3881760.6891	DWR					0			
719340.7291	3881565.4129	DWR					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
720017.2855	3880847.9527	SLO_County					0			
719463.8009	3880247.5394	DWR					0			
721892.5299	3880893.5095	SLO_County					0		TD	
722051.3476	3880619.8918	SLO_County					0		TD	
0	0	SLO_County					-1		PERFS	220
0	0	SLO_County					0			
723783.2681	3881340.6648	SLO_County					-1		PERFS	230
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					-1		PERFS	330
0	0	SLO_County					-1			
0	0	SLO_County					0			
0	0	SLO_County					0		PERFS	330
0	0	SLO_County					0			
0	0	SLO_County					0			
725341.3831	3881903.3109	SLO_County					0	Y	PERFS	315
724910.6225	3881892.6451	SLO_County					0	Y	PERFS	210
724834.606	3881890.765	SLO_County					-1	Y	PERFS	232
725747.4736	3880865.042	SLO_County					0	Y	PERFS	257
725190.6904	3881231.1076	DWR					0			
0	0	SLO_County					0			
725822.3902	3881524.2745	DWR					0			
0	0	SLO_County					0			
725964.8311	3881302.1105	SLO_County					-1		PERFS	326
726496.9654	3880297.8341	SLO_County					0		TD	
725864.1432	3880251.2667	SLO_County					0	Y		
724374.1966	3879998.5641	SLO_County					0	Y	PERFS	306
725920.1869	3880036.8232	SLO_County					0	Y	PERFS	255
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					-1		PERFS	380
0	0	SLO_County					0			
0	0	SLO_County					0		TD	
719695.2507	3879483.5591	SLO_County					-1		PERFS	395
726491.8967	3880297.7079	DWR					0			
718233.6145	3878253.3539	DWR					0			
0	0	SLO_County					0			
719428.1944	3877937.9876	DWR					0			
719615.257	3877753.8071	DWR					0			
725314.8126	3878880.9748	SLO_County					0		TD	
724845.1563	3877358.5328	SLO_County					0		PERFS	430
727423.2642	3878748.4134	SLO_County					-1			
726329.4721	3878875.317	SLO_County					0		PERFS	343
727543.9118	3877980.5811	SLO_County					-1	Y	PERFS	370

Bottom_Per	Top_Perf_2	Bottom_P_1	Top_Perf_3	Bottom_P_2	Top_Perf_4	Bottom_P_3	Top_Perf_5	Bottom_P_4	Casing
382									
310									
265									
200									
278									
240									
575									
255	265	498							
550									
570									
320	366	372							
233	320	324							
312									
267	287	297	303	313					
336	352	353							
307	373	378	380	385	422	426			
258	278	285	295	315					
580	630	670							
520									
470									
348	357	368							
605									

Hydrograph	Sentry_Wel	2008_Count	2009_Conto
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	-1	-1
0	0	-1	0
0	0	0	0
0	0	0	0
-1	0	0	0
0	0	0	0
0	0	-1	-1
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

FID	Shape	Well	CommonName	Constructi	Basin	RefElevati	Total_Dept	Area	Book	Data_Relea
136	Point	11N/35W-24L01	CAL CITY VIS...	80-600'	SANTA MARIA...	325	620	NIPOMO MESA UPPER	0	
137	Point	11N/35W-24L02	ALTA MESA	440'-520'	BASIN NOT K...	325	0	NIPOMO MEAS	0	
138	Point	11N/35W-24L03	CASA REAL #3		BASIN NOT K...	325	0	NIPOMO MESA	0	
139	Point	11N/35W-25C01				115	0		0	
140	Point	11N/35W-25F03				130	0		0	
141	Point	11N/35W-25H01				135	0		0	
142	Point	11N/35W-25M01				123	0		0	
143	Point	11N/35W-25P01				126	0		0	
144	Point	11N/35W-25R01				138	0		0	
145	Point	11N/35W-25R02				136	0		0	
146	Point	11N/35W-26K02				110	0		0	
147	Point	11N/35W-26M02	TOGNAZZINI -...	324'	SANTA MARIA...	107	324	SANTA MARIA	0	
148	Point	11N/35W-26M03	RUNNELS OS...	depth 900'final...	SANTA MARIA...	109	700	SANTA MARIA	26	
149	Point	11N/35W-27E02				85	0		0	
150	Point	11N/35W-27N01				91	0		0	
151	Point	11N/35W-27P02				90	0		0	
152	Point	11N/35W-27Q01				102	0		0	
153	Point	11N/35W-27Q02				99	0		0	
154	Point	11N/35W-28F02	USGS OBSE...	48"	SANTA MARIA...	80	48	SANTA MARIA	26	
155	Point	11N/35W-28L01				84	0		0	
156	Point	11N/35W-28M01				77	0		0	
157	Point	11N/35W-28P01				85	0		0	
158	Point	11N/35W-28Q01				91	0		0	
159	Point	11N/35W-28Q03				93	0		0	
160	Point	11N/35W-28Q04				90	0		0	
161	Point	11N/35W-28R01				90	0		0	
162	Point	11N/35W-29D01				60	0		0	
163	Point	11N/35W-29E01	PEZZONI		BASIN NOT K...	61.1	0		0	
164	Point	11N/35W-29R01				85	0		0	
165	Point	11N/35W-29R02				85	0		0	
166	Point	11N/35W-32H01				70	0		0	
167	Point	11N/35W-32J01				78	0		0	
168	Point	11N/35W-32R01				81	0		0	
169	Point	11N/35W-32R02				81	0		0	
170	Point	11N/35W-32R03				81	0		0	
171	Point	11N/35W-33C01				85	0		0	
172	Point	11N/35W-33C03				87	0		0	
173	Point	11N/35W-33C04				80	0		0	
174	Point	11N/35W-33E01				81	0		0	
175	Point	11N/35W-33F01				84	0		0	
176	Point	11N/35W-33G01	DIVISION / RA...	141'	SANTA MARIA...	90	141	SANTA MARIA	26	
177	Point	11N/35W-34E01				101	0		0	
178	Point	11N/35W-34E02				99	0		0	
179	Point	11N/35W-34H01				107	0		0	
180	Point	11N/35W-34H03				111	0		0	
181	Point	11N/35W-34L01				107	0		0	
182	Point	11N/35W-34N01				102	0		0	
183	Point	11N/35W-35A01				123	0		0	
184	Point	11N/35W-35A02				122	0		0	
185	Point	11N/35W-35D01				107	0		0	
186	Point	11N/35W-35D02				107	0		0	
187	Point	11N/35W-35D03				107	0		0	
188	Point	11N/35W-35D04				107	0		0	
189	Point	11N/35W-35E01				107	0		0	
190	Point	11N/35W-35E02				110	0		0	
191	Point	11N/35W-35F01				115	0		0	
192	Point	11N/35W-35G01				118	0		0	
193	Point	11N/35W-36C01				129	0		0	
194	Point	11N/36W-12C01			SANTA MARIA...	19	0	NIPOMO MESA LOWER	28	
195	Point	11N/36W-12C02	PISMO BEACH...	450-460'	SANTA MARIA...	19	0	NIPOMO MESA LOWER	28	
196	Point	11N/36W-12C03	PISMO BEACH	720-730'	SANTA MARIA...	19	0	NIPOMO MESA LOWER	28	
197	Point	11N/36W-13K02				33	0		0	
198	Point	11N/36W-13K03				33	0		0	
199	Point	11N/36W-13K04				33	0		0	
200	Point	11N/36W-13K05	UNION OIL		BASIN NOT K...	33.1	0		0	
201	Point	11N/36W-13K06	UNION OIL (...		BASIN NOT K...	33.1	0		0	
202	Point	11N/36W-35J02	DWR OBS WE...	527-615'	SANTA MARIA...	33.1	0	SANTA MARIA	27	
203	Point	11N/36W-35J03	DRW OBS WE...	247-490'	SANTA MARIA...	33.1	0	SANTA MARIA	27	

UTM_X	UTM_Y	Data_Sourc	Municipal_	Date_Insta	Type	DHS_ID	Scanned_We	Paper_Well	Construc_1	Top_Perf_1
726640.5133	3877588.0431	SLO_County					-1	Y	PERFS	80
726614.3953	3877618.2266	SLO_County					-1		PERFS	440
726822.5764	3877407.5746	SLO_County					0			
726111.4874	3877235.722	DWR					0			
726221.7664	3876472.557	DWR					0			
727310.9758	3876743.877	DWR					0			
726039.2167	3876468.0251	DWR					0			
726512.4163	3875802.6759	DWR					0			
727333.1224	3875856.4179	DWR					0			
727151.389	3875818.5846	DWR					0			
724856.4797	3876283.3524	DWR					0			
0	0	SLO_County					0		TD	
724647.393	3876120.3284	SLO_County					0		TD	
722468.1363	3876846.2944	DWR					0			
722589.7628	3875606.0982	DWR					0			
723036.9381	3875994.4252	DWR					0			
723682.694	3875732.7627	DWR					0			
723498.7714	3875783.748	DWR					0			
721703.2383	3876171.5302	SLO_County					0		TD	
727498.2316	3876559.8495	DWR					0			
721112.0263	3876280.4893	DWR					0			
721494.1141	3875590.4966	DWR					0			
722128.7567	3875783.5416	DWR					0			
722042.6135	3875570.5483	DWR					0			
722042.6135	3875570.5483	DWR					0			
722406.387	3875634.9191	DWR					0			
727506.8204	3876215.9589	DWR					0			
0	0	SLO_County					0			
720855.1454	3875574.9857	DWR					0			
720854.6076	3875597.1717	DWR					0			
720688.4335	3874916.0741	DWR					0			
720700.2526	3874427.9816	DWR					0			
720890.3647	3874121.8002	DWR					0			
720890.3647	3874121.8002	DWR					0			
720890.3647	3874121.8002	DWR					0			
721499.5074	3875368.6357	DWR					0			
721499.5074	3875368.6357	DWR					0			
721496.5411	3875490.6592	DWR					0			
721054.9298	3874869.4589	DWR					0			
721507.0576	3875058.0305	DWR					0			
722017.4221	3874730.0614	SLO_County					0		TD	
722876.903	3875069.2312	DWR					0			
722787.2429	3875000.4405	DWR					0			
724063.6391	3875098.3331	DWR					0			
724065.2757	3875031.7744	DWR					0			
723257.2693	3874456.956	DWR					0			
722801.6152	3874412.5075	DWR					0			
725698.5758	3875471.6789	DWR					0			
725519.0266	3875345.1335	DWR					0			
724235.0216	3875557.6423	DWR					0			
724421.4128	3875406.8333	DWR					0			
724324.6659	3875626.4481	DWR					0			
724324.6659	3875626.4481	DWR					0			
724342.1443	3874916.4877	DWR					0			
724430.4287	3875040.7599	DWR					0			
724888.5131	3874985.4535	DWR					0			
725067.2557	3875145.265	DWR					0			
726608.3884	3875616.3613	DWR					0			
716199.2948	3881465.5133	SLO_County	Sentry_Well_5		Sentry		0	Y		
716199.2948	3881465.5133	SLO_County	Sentry_Well_5		Sentry		0	Y	PERFS	450
716199.2948	3881465.5133	SLO_County	Sentry_Well_5		Sentry		0	Y	PERFS	720
721972.6776	3874691.9727	DWR					0			
721972.6776	3874691.9727	DWR					0			
721972.6776	3874691.9727	DWR					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
715504.0169	3874419.568	SLO_County					0		PERFS	527
715504.0169	3874419.568	SLO_County					0		PERFS	247

Bottom_Per	Top_Perf_2	Bottom_P_1	Top_Perf_3	Bottom_P_2	Top_Perf_4	Bottom_P_3	Top_Perf_5	Bottom_P_4	Casing
600									
520									
460									
730									
615									
490									

Hydrograph	Sentry_Wel	2008_Count	2009_Conto
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
-1	-1	0	0
-1	-1	0	0
-1	-1	0	-1
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

FID	Shape	Well	CommonName	Constructi	Basin	RefElevati	Total_Dept	Area	Book	Data_Relea
204	Point	11N/36W-35J04	DRW OBS WE...	175-228'	SANTA MARIA...	331	0	SANTA MARIA	27	
205	Point	11N/36W-35J05	DRW OBS WE...	74-138'	SANTA MARIA...	33.1	0	SANTA MARIA	27	
206	Point	11N/36W-35J06	DRW OBS WE...	14-37'	SANTA MARIA...	33.1	0	SANTA MARIA	27	
207	Point	11N/3SW-08K01				110	0		0	
208	Point	12N/26W-32M02	BLM KCL S...	Sounded depth...	CARRIZO PLAIN	2150	254	CARRIZO LOWER	0	
209	Point	12N/34W-31F01	FITZGERALD -...		BASIN NOT K...	441.5	0	NIPOMO FOOTHILLS	25	
210	Point	12N/35W-25R01	ROMINE		BASIN NOT K...	310	0		0	
211	Point	12N/35W-27N03	PHALEN CAT...	40-82'	SANTA MARIA...	161.8	0	LOS BERROS	22	
212	Point	12N/35W-28J02	BARNETT - H...		SANTA MARIA...	181	0	NIPOMO MESA UPPER	22	Limited Release
213	Point	12N/35W-29L01	GARCIA		BASIN NOT K...	40.6	0	CIENEGA VALLEY	0	
214	Point	12N/35W-29N01	SILVA - HALC...	80-98'	SANTA MARIA...	29	0	CIENEGA	22	
215	Point	12N/35W-29R01	MCKINNEY		BASIN NOT K...	230	0		0	
216	Point	12N/35W-29R03	CURRIER - OL...	385-305'	SANTA MARIA...	250	0	NIPOMO MESA UPPER	24	
217	Point	12N/35W-30K02	REYAS - CIE...		SANTA MARIA...	28	0	CIENEGA	22	
218	Point	12N/35W-30K03	IKEDA BROS-...	40-58', 85-87', ...	SANTA MARIA...	31	0	CIENEGA	22	
219	Point	12N/35W-30K04	IKEDA BROS		BASIN NOT K...	26	0	CIENEGA VALLEY	22	
220	Point	12N/35W-30M02	PHELAN & TA...		SANTA MARIA...	21.8	0	CIENEGA	22	
221	Point	12N/35W-30M04	22ST./PROC...		SANTA MARIA...	22.5	0	CIENEGA	22	
222	Point	12N/35W-30P02	IKEDA BROS-...		BASIN NOT K...	26.5	0	CIENEGA	23	
223	Point	12N/35W-31G01	DUNE LAKES		BASIN NOT K...	25	0		0	
224	Point	12N/35W-32G01	COLE - HALC...	260'-320'	SANTA MARIA...	190	0	NIPOMO MESA UPPER	24	Limited Release
225	Point	12N/35W-32J02	MCCREARY -...		SANTA MARIA...	246.5	0	NIPOMO MESA UPPER	0	
226	Point	12N/35W-32Q01				254	0		0	
227	Point	12N/35W-32Q02	MESA DUNES...		BASIN NOT K...	246	0		0	
228	Point	12N/35W-33D01	PHIL BEN		BASIN NOT K...	241	0		22	
229	Point	12N/35W-33E01	RENO - HALC...		SANTA MARIA...	260	0	NIPOMO MESA UPPER	24	Limited Release
230	Point	12N/35W-33J02	DICK - FERN...	317'-443'	SANTA MARIA...	300.5	0	NIPOMO MESA UPPER	24	
231	Point	12N/35W-33J03	FAGUNDES - ...	407' deep	SANTA MARIA...	270	407	NIPOMO MESA UPPER	24	
232	Point	12N/35W-33L01	JOHNSON - H...	300-380'	SANTA MARIA...	305	0	NIPOMO MESA UPPER	24	Limited Release
233	Point	12N/35W-33M01	PHILLIPS - H...	300'dp,concret...	SANTA MARIA...	247	300	NIPOMO MESA UPPER	0	
234	Point	12N/35W-33Q01	CHURCHWEL		BASIN NOT K...	330	0		0	
235	Point	12N/35W-33Q02	LAYMAN - HA...		SANTA MARIA...	340	0	NIPOMO MESA UPPER	24	
236	Point	12N/35W-34C03	PHALEN CAT...	20-75'	SANTA MARIA...	159.3	0	LOS BERROS	22	
237	Point	12N/35W-34G03	OBAYOSHI		BASIN NOT K...	187.9	0		0	
238	Point	12N/35W-34G06	OBAYOSH - L...	70'deep+-	SANTA MARIA...	198.6	70	LOS BERROS	0	
239	Point	12N/35W-34G08	OLIVER LB		SANTA MARIA...	190	0	LOS BERROS	22	
240	Point	12N/35W-34L01	JOHNS		BASIN NOT K...	320.5	0		0	
241	Point	12N/35W-34P01	COOPER		BASIN NOT K...	301.5	0		0	
242	Point	12N/35W-35K02				205	0		0	
243	Point	12N/35W-35P01	JOHNSON - A...	220'	SANTA MARIA...	390.5	220	NIPOMO MESA UPPER	24	
244	Point	12N/35W-35P02	SEVERANCE -...	270'+ sounded	SANTA MARIA...	391	270	NIPOMO MESA UPPER	0	
245	Point	12N/35W-35P03	SEVERENCE -...	180-280'	SANTA MARIA...	390	0	NIPOMO MESA UPPER	24	
246	Point	12N/35W-35P04	ARNOLD JOH...		SANTA MARIA...	396	0	NORTH MESA	24	
247	Point	12N/36W-36L01	PISMO BEACH	227-237'	SANTA MARIA...	22	0	NIPOMO MESA LOWER	28	
248	Point	12N/36W-36L02	PISMO BEACH	535-545'	SANTA MARIA...	22	0	NIPOMO MESA LOWER	28	
249	Point	30S/10E-14B01				8	0		0	
250	Point	32/13E-30N02				0	0		0	
251	Point	32S/12E-24B01	DWR OBS WE...	48-65'/964' deep	SAN LUIS OBI...	7.2	964	PISMO	27	
252	Point	32S/12E-24B02	DWR OBS WE...	120-145'/964' ...	SAN LUIS OBI...	7.2	964	PISMO	27	
253	Point	32S/12E-24B03	DRW OBS WE...	270-435'/964' ...	SAN LUIS OBI...	7.2	964	PISMO	27	
254	Point	32S/12E-24R01				20	0		0	
255	Point	32S/12E-24R02				20	0		0	
256	Point	32S/12E-24R03				20	0		0	
257	Point	32S/13E-12C03	GOULART - L...	36-79'	SANTA MARIA...	271	0	LOPEZ TO HALCYON	20	
258	Point	32S/13E-12C04	GOULART	40-52', 63-68'	BASIN NOT K...	260	0	ARROYO GRANDE	0	
259	Point	32S/13E-12F04	TALLEY - OLD	22-52'-84'	SANTA MARIA...	250	0	LOPEZ TO HALCYON	0	
260	Point	32S/13E-12F05	TALLEY - SU...	43-63' per Narin	SANTA MARIA...	251	0	LOPEZ TO HALCYON	20	
261	Point	32S/13E-12G04	ANTONIO		BASIN NOT K...	250	0	ARROYO GRANDE	0	
262	Point	32S/13E-12N01	CECCHETTI -...		SANTA MARIA...	232.8	0	LOPEZ TO HALCYON	0	
263	Point	32S/13E-12P04	GEORGE CE...	100-200'	SANTA MARIA...	240	0	LOPEZ TO HALCYON	20	
264	Point	32S/13E-12Q03	SILVA - SCLD		SANTA MARIA...	223	0	LOPEZ TO HALCYON	20	
265	Point	32S/13E-13D04	IKEDA BROT...	91-121'	SANTA MARIA...	207	0	LOPEZ TO HALCYON	20	
266	Point	32S/13E-13D05	CANBY DOM...	70-80'	SANTA MARIA...	217	0	LOPEZ TO HALCYON	0	
267	Point	32S/13E-13D06	CANBY IRRIG...		SANTA MARIA...	202	0	LOPEZ TO HALCYON	0	
268	Point	32S/13E-13E01	IKEDA IRRIG		SANTA MARIA...	205.5	0	LOPEZ TO HALCYON	20	
269	Point	32S/13E-13M01	STUTTS - AG	22' sounded?	SANTA MARIA...	219	22	LOPEZ TO HALCYON	20	
270	Point	32S/13E-14Q02	HAYASHI - S...		SANTA MARIA...	175	0	LOPEZ TO HALCYON	20	
271	Point	32S/13E-14R01	MACHADO		SANTA MARIA...	198	0	LOPEZ TO HALCYON	20	

UTM_X	UTM_Y	Data_Sourc	Municipal_	Date_Insta	Type	DHS_ID	Scanned_We	Paper_Well	Construc_1	Top_Perf_1
715504.0169	3874419.568	SLO_County					0		PERFS	175
715504.0169	3874419.568	SLO_County					0		PERFS	74
715504.0169	3874419.568	SLO_County					0		PERFS	14
725885.82	3875287.6189	DWR					0			
0	0	SLO_County					0		TD	
727911.7132	3884557.456	SLO_County					0			
0	0	SLO_County					0			
722827.2394	3885171.3095	SLO_County					0		PERFS	40
722129.7785	3885709.2165	SLO_County					0			
0	0	SLO_County					0			
719476.3262	3885398.0369	SLO_County					0		PERFS	80
0	0	SLO_County					0			
720591.5222	3885394.2248	SLO_County					0		PERFS	385
718761.1956	3885627.4384	SLO_County					0			
718611.4556	3885531.3361	SLO_County					0		PERFS	40
718637.5253	3885501.1317	SLO_County					0			
718099.7188	3885734.8545	SLO_County					0			
718099.7188	3885734.8545	SLO_County					0			
719124.704	3885266.2171	SLO_County					0			
0	0	SLO_County					0			
720361.4117	3884432.8327	SLO_County					0		PERFS	260
0	0	SLO_County					0			
720106.1003	3883881.5275	DWR					0			
0	0	SLO_County					0			
721209.163	3885008.4241	SLO_County					0			
721172.7589	3884421.7176	SLO_County					0			
722530.4134	3883838.2147	SLO_County					-1		PERFS	317
722192.0403	3884199.928	SLO_County					0		TD	
721388.9247	3883871.9953	SLO_County					-1		PERFS	300
0	0	SLO_County					0		TD	
0	0	SLO_County					0			
722210.8793	3883429.5677	SLO_County					0			
723262.3844	3884996.997	SLO_County					0		PERFS	20
0	0	SLO_County					0			
0	0	SLO_County					0		TD	
723474.1215	3884632.2057	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
725016.5091	3884579.0144	DWR					0			
724764.3052	3883708.1992	SLO_County					0		TD	
0	0	SLO_County					0		TD	
724736.685	3883800.0165	SLO_County					-1		PERFS	180
724867.1654	3883649.0771	SLO_County					0			
716160.117331	3883780.19521	SLO_County	Sentry_Well_4		Sentry		0	Y	PERFS	227
716160.117331	3883780.19521	SLO_County	Sentry_Well_4		Sentry		0	Y	PERFS	535
715494.7769	3874381.1195	DWR					0			
0	0						0			
715182.588253	3890176.60928	SLO_County	Sentry_Well_1		Sentry		0	Y	PERFS + TD	48
715182.588253	3890176.60928	SLO_County	Sentry_Well_1		Sentry		0	Y	PERFS + TD	120
715182.588253	3890176.60928	SLO_County	Sentry_Well_1		Sentry		0	Y	PERFS + TD	270
715506.5276	3889287.6094	DWR					0			
715506.5276	3889287.6094	DWR					0			
715506.5276	3889287.6094	DWR					0			
724591.4566	3893755.7104	SLO_County					0		PERFS	36
0	0	SLO_County					0		PERFS	40
0	0	SLO_County					0		PERFS	22
720178.7202	3892999.8623	SLO_County					0	N-SLO Eng Loc Form	PERFS	13
0	0	SLO_County					0			
0	0	SLO_County					0			
724472.4563	3892426.9026	SLO_County					0		PERFS	100
0	0	SLO_County					0			
724084.271	3891738.951	SLO_County					-1		PERFS	91
0	0	SLO_County					0	N-SLO Eng Loc Form	PERFS	70
0	0	SLO_County					0			
724084.271	3891738.951	SLO_County					0			
724323.5128	3891282.3633	SLO_County					0	N-SLO Eng Loc Form	TD	
723524.9099	3890800.1301	SLO_County					0			
724048.8833	3891121.402	SLO_County					0			

Bottom_Per	Top_Perf_2	Bottom_P_1	Top_Perf_3	Bottom_P_2	Top_Perf_4	Bottom_P_3	Top_Perf_5	Bottom_P_4	Casing
225									
138									
37									
82									
98									
305									
58	85	87	94	100					
320									
443									
380									
75									
280									
237									
545									
65									
145									
435									
79									
52	63	68							
52									
63									
200									
121									
80									

Hydrograph	Sentry_Wel	2008_Count	2009_Conto
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	-1	-1
0	0	-1	0
0	0	0	0
0	0	0	0
0	0	0	0
-1	0	-1	-1
0	0	-1	-1
-1	0	-1	0
0	0	-1	-1
0	0	-1	-1
0	0	-1	-1
0	0	-1	-1
0	0	0	0
0	0	-1	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	-1	-1
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
-1	-1	-1	-1
-1	-1	-1	-1
0	0	0	0
0	0	0	0
-1	-1	-1	-1
-1	-1	-1	-1
-1	-1	-1	-1
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

FID	Shape	Well	CommonName	Constructi	Basin	RefElevati	Total_Dept	Area	Book	Data_Relea
272	Point	32S/13E-14R02	SULLIVAN - S...	83-108'	SANTA MARIA...	198.1	0	LOPEZ TO HALCYON	20	
273	Point	32S/13E-17K01	ARROYO GR...		BASIN NOT K...	119	0		30	Public Release
274	Point	32S/13E-19Q02	PISMO BEACH...	150-500'	SANTA MARIA...	59	500	OCEANO - GROVER CITY	30	Public Release
275	Point	32S/13E-23C01	DE LEON - S...	22-52'-84'	SANTA MARIA...	165	0	LOPEZ TO HALCYON	20	
276	Point	32S/13E-23F01	REYES - SCLD		SANTA MARIA...	150	0	LOPEZ TO HALCYON	20	
277	Point	32S/13E-23M07	COACH ROAD		SANTA MARIA...	150	0	LOPEZ TO HALCYON	20	
278	Point	32S/13E-27D03	FAIR OAKS AVE		SANTA MARIA...	110	0	LOPEZ TO HALCYON	0	
279	Point	32S/13E-28G01				90	0		0	
280	Point	32S/13E-28G04	RUNELS #3 S...	90 FT	SANTA MARIA...	85	90	OCEANO - GROVER CITY	20	
281	Point	32S/13E-28K01	RUNELS OLD		SANTA MARIA...	81.9	0	LOPEZ TO HALCYON	20	
282	Point	32S/13E-28K02	RUNELS NEW...	59-101'	SANTA MARIA...	86	101	LOPEZ TO HALCYON	20	
283	Point	32S/13E-28L01	CORYN - FA...		SANTA MARIA...	80	0	OCEANO - GROVER CITY	21	Limited Release
284	Point	32S/13E-28Q02	TAYLOR - VA...		SANTA MARIA...	73.4	0	LOPEZ TO HALCYON	20	
285	Point	32S/13E-28Q06	RUNELS NEW	Sounded 120' ...	SANTA MARIA...	82	120	LOPEZ TO HALCYON	20	
286	Point	32S/13E-28Q07	RUNNELS		SANTA MARIA...	75.613	0	LOPEZ TO HALYCON	0	
287	Point	32S/13E-29B01	KAWAOKA	122-200'	SANTA MARIA...	82	0	OCEANO - GROVER CITY	21	
288	Point	32S/13E-29C02	MATSUMOTO	100-180'	SANTA MARIA...	250	0	LOPEZ TO HALCYON	21	
289	Point	32S/13E-29C03	MATSUMOTO		SANTA MARIA...	72	0		0	
290	Point	32S/13E-29E01	GROVER CITY...		SANTA MARIA...	56.1	0	OCEANO - GROVER CITY	30	
291	Point	32S/13E-29E02	CITY OF GRO...	35' TO BOTTOM	SANTA MARIA...	60.86	180		30	
292	Point	32S/13E-29E03	CITY OF GRO...	120' OF #140 ...	SANTA MARIA...	58.36	0		30	
293	Point	32S/13E-29E06	GROVER CIT...		SANTA MARIA...	54.3	0	OCEANO - GROVER CITY	30	
294	Point	32S/13E-29E07	GROVER CITY...		SANTA MARIA...	60.5	0	OCEANO - GROVER CITY	30	
295	Point	32S/13E-29E08	IRRIGATION		BASIN NOT K...	52	0	GROVER BEACH	30	
296	Point	32S/13E-29E14				82	0		0	
297	Point	32S/13E-29F01	ARROYO GR...	22-52'-84'	SANTA MARIA...	73.35	200	LOPEZ TO HALCYON	30	Public Release
298	Point	32S/13E-29F02	CITY OF AG		BASIN NOT K...	73	0		0	
299	Point	32S/13E-29G01	ARROYO GR...	223' deep	SANTA MARIA...	81.76	223	OCEANO - GROVER CITY	30	Public Release
300	Point	32S/13E-29G02	ARROYO GR...	103-223'	SANTA MARIA...	87.86	223	OCEANO - GROVER CITY	30	Public Release
301	Point	32S/13E-29G03	ARROYO GR...		SANTA MARIA...	82	219		0	
302	Point	32S/13E-29G07	NAKAMURA - ...		SANTA MARIA...	81	0	OCEANO - GROVER CITY	21	
303	Point	32S/13E-29G13	OLD FARM W...	105 -201 FT	SANTA MARIA...	0	0	OCEANO - GROVER CITY	30	
304	Point	32S/13E-29G14	ARROYO GR...	92-232'	SANTA MARIA...	84.31	0	OCEANO - GROVER CITY	30	Public Release
305	Point	32S/13E-29G15	ARROYO GR...	290-460,475-4...	SANTA MARIA...	87.73	0	OCEANO - GROVER CITY	30	Public Release
306	Point	32S/13E-29G16	ARROYO GR...		SANTA MARIA...	83	0	OCEANO - GROVER CITY	30	
307	Point	32S/13E-29G17	ARROYO GR...	137'	SANTA MARIA...	87.07	137	OCEANO - GROVER CITY	30	
308	Point	32S/13E-29J02				82	0		0	
309	Point	32S/13E-29J03	EVANS		BASIN NOT K...	87	0		0	
310	Point	32S/13E-29L06				71	0		0	
311	Point	32S/13E-29M04				61	0		0	
312	Point	32S/13E-29N01	PISMO BEACH...	80' to water	SANTA MARIA...	60.15	0	OCEANO - GROVER CITY	0	
313	Point	32S/13E-30F01	DWR OBS WE...	15-30'/40-55'/8...	SANTA MARIA...	17.3	802	OCEANO - GROVER CITY	27	
314	Point	32S/13E-30F02	DWR OBS WE...		SANTA MARIA...	17.3	802	OCEANO - GROVER CITY	27	
315	Point	32S/13E-30F03	DWR OBS WE...	305-372'/802' ...	SANTA MARIA...	17.3	802	OCEANO - GROVER CITY	27	
316	Point	32S/13E-30H01	AMARELL		BASIN NOT K...	48	0		0	
317	Point	32S/13E-30J08				42	0		0	
318	Point	32S/13E-30K04	PISMO BEACH...	91'sounded/100...	SANTA MARIA...	25	100	OCEANO - GROVER CITY	0	
319	Point	32S/13E-30K06				20	0		0	
320	Point	32S/13E-30K11	KAGAWA - H...	50'-58', 70'-100'	SANTA MARIA...	30	102	OCEANO - GROVER CITY	21	
321	Point	32S/13E-30K14			BASIN NOT K...	42	0		0	
322	Point	32S/13E-30K16				20	0		0	
323	Point	32S/13E-30K19	PISMO BEACH...	180-220, 240-...	BASIN NOT K...	24.86	0		30	Public Release
324	Point	32S/13E-30N01	DWR OBS WE...	15-40'/873' deep	SANTA MARIA...	10.6	873	OCEANO - GROVER CITY	27	
325	Point	32S/13E-30N02	DWR OBS WE...			10.6	873		0	
326	Point	32S/13E-30N03	DWR OBS WE...	60-135'/873' d...	SANTA MARIA...	10.6	873	OCEANO - GROVER CITY	27	
327	Point	32S/13E-30P02				28	0		0	
328	Point	32S/13E-30R02				46	0		0	
329	Point	32S/13E-31G01				12	0		0	
330	Point	32S/13E-31H07	UGALINO - CI...		SANTA MARIA...	20	0	CIENEGA	0	
331	Point	32S/13E-31H08	OCSD #7	90-140'	SANTA MARIA...	35.99	162	OCEANO	3.1	
332	Point	32S/13E-31H09	OCSD #8	380-520'	SANTA MARIA...	33.14	525	OCEANO	3.1	
333	Point	32S/13E-31H10	OCSD GREEN...		SANTA MARIA...	30.48	0	OCEANO	3.1	
334	Point	32S/13E-31H11	OCSD BLUE ...		SANTA MARIA...	30.48	0	OCEANO	3.1	
335	Point	32S/13E-31H12	OCSD SILVER...		SANTA MARIA...	30.48	0	OCEANO	3.1	
336	Point	32S/13E-31H13	OCSD YELLO...		SANTA MARIA...	30.48	0	OCEANO	3.1	
337	Point	32S/13E-31R01				15	0		0	
338	Point	32S/13E-32B03	QUALLS - WI...		SANTA MARIA...	70.5	0	OCEANO - GROVER CITY	21	
339	Point	32S/13E-32D03	OCSD #4	114'-128'	SANTA MARIA...	86.33	200	OCEANO - GROVER CITY	3.1	

UTM_X	UTM_Y	Data_Sourc	Municipal_	Date_Insta	Type	DHS_ID	Scanned_We	Paper_Well	Construc_1	Top_Perf_1
723999.7804	3891058.5211	SLO_County					0		PERFS	83
0	0	SLO_County	CITY OF ARROYO G...		Muni		0			
716762.9332	3889060.8022	SLO_County	CITY OF PISMO BEACH		Muni	4010008-005	-1	Y	PERFS	150
723178.103	3890483.2509	SLO_County					0		PERFS	22
722983.1645	3890170.1205	SLO_County					0			
722486.6842	3889757.0922	SLO_County					-1			
0	0	SLO_County					0			
720077.866	3888809.1007	DWR					0			
720219.5398	3888190.9541	SLO_County					0		TD	
720218.7919	3888221.7685	SLO_County					0			
720218.7919	3888221.7685	SLO_County					-1	N-SLO Eng Loc Form	PERFS	59
0	0	SLO_County					-1			
720231.5062	3887697.9236	SLO_County					0			
720101.9065	3887818.1092	SLO_County					0		TD	
720253.8364	3887821.7958	SLO_County					0			
718305.6678	3888761.3443	SLO_County					0		PERFS	122
717975.0431	3888815.0576	SLO_County					0		PERFS	100
0	0	SLO_County					0			
0	0	SLO_County	CITY OF GROVER CITY		Muni	4010004-002	0			
717691.4068	3888373.9123	SLO_County	CITY OF GROVER B...		Muni	4010004-003	0		TD	
0	0	SLO_County	CITY OF GROVER B...		Muni	4010004-004	0			
717718.2075	3888312.8922	SLO_County	CITY OF GROVER CITY		Muni		0			
717718.2075	3888312.8922	SLO_County	CITY OF GROVER CITY		Muni	4010004-005	0			
0	0	SLO_County	CITY OF GROVER B...		Muni		0			
718354.8704	3888401.176	DWR					0			
718172.5028	3888385.4714	SLO_County	CITY OF ARROYO G...		Muni	4010001-004	0		PERFS	22
0	0	SLO_County	CITY OF ARROYO G...		Muni		0			
718633.4755	3888180.7473	SLO_County	CITY OF ARROYO G...		Muni	4010001-001	-1		TD	
718603.7073	3888365.0212	SLO_County	CITY OF ARROYO G...		Muni	4010001-002	-1		PERFS	103
718607.4106	3888210.9506	SLO_County	CITY OF ARROYO G...		Muni	4010001-005	0			
718288.5052	3888421.778	SLO_County					0			
0	0	SLO_County					0		PERFS	105
0	0	SLO_County	CITY OF ARROYO G...		Muni	4010001-003	0		PERFS	92
0	0	SLO_County	CITY OF ARROYO G...		Muni	4010001-006	0		PERFS	290
0	0	SLO_County	CITY OF ARROYO G...		Muni		0			
0	0	SLO_County					0		TD	
718546.2579	3888028.3988	DWR					0			
0	0	SLO_County					0			
717996.9293	3888115.0797	DWR					0			
717450.0064	3888101.9553	DWR					0			
0	0	SLO_County					0		WL	
716184.174214	3888295.4541	SLO_County	Sentry_Well_2		Sentry		0	Y	PERFS + TD	15
716184.174214	3888295.4541	SLO_County	Sentry_Well_2		Sentry		0	Y	PERFS + TD	
716184.174214	3888295.4541	SLO_County	Sentry_Well_2		Sentry		0	Y	PERFS + TD	305
0	0	SLO_County					0			
716898.841	3888266.3534	DWR					0			
0	0	SLO_County					0		TD	
716445.1993	3888166.7244	DWR					0			
716883.1258	3887863.9318	SLO_County					0	Y	PERFS	50
0	0	SLO_County					0			
716446.7871	3888100.1659	DWR					0			
0	0	SLO_County	CITY OF PISMO BEACH		Muni	4010008-010	0	Y	PERFS	180
716209.7357	3887416.2196	SLO_County	Sentry_Well_3B		Sentry		0	Y	PERFS + TD	15
716209.7357	3887416.2196	SLO_County	Sentry_Well_3B				0	Y		
716209.7357	3887416.2196	SLO_County	Sentry_Well_3B		Sentry		0	Y	PERFS + TD	60
716637.8337	3887738.4453	DWR					0			
717093.6191	3887749.3382	DWR					0			
716745.1515	3887063.9445	DWR					0			
716814.525	3887553.9753	SLO_County					0			
717284.3377	3886979.408	SLO_County	OCSD		Muni	4010005-005	-1		PERFS	90
717259.7497	3886947.9873	SLO_County	OCSD		Muni	4010005-006	-1		PERFS	380
717105.963248	3886934.73995	SLO_County	OCSD		Muni		0			
717105.963248	3886934.73995	SLO_County	OCSD		Muni		0	Y		
717105.963248	3886934.73995	SLO_County	OCSD		Muni		0	Y		
717105.963248	3886934.73995	SLO_County	OCSD		Muni		0	Y		
717037.739	3886271.7786	DWR					0			
718291.3531	3887250.2277	SLO_County					0			
717782.6714	3887330.503	SLO_County	OCSD		Muni	4010005-002	0	Y	PERFS	114

Bottom_Per	Top_Perf_2	Bottom_P_1	Top_Perf_3	Bottom_P_2	Top_Perf_4	Bottom_P_3	Top_Perf_5	Bottom_P_4	Casing
108									
500									14"
52									
101									
200									
180									
									16
52									12"
223									14"
201									
232									
460	475	490	500	515	525	545	555	575	
30									
372									
58	70	100							
220	240	285							
40									
135									
140									10"
520									12"
128									12"

Hydrograph	Sentry_Wel	2008_Count	2009_Conto
0	0	0	0
0	0	0	0
0	0	-1	-1
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
-1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	-1
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	-1	-1
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
-1	-1	0	0
-1	-1	0	0
-1	-1	-1	-1
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
-1	-1	0	0
-1	-1	-1	-1
-1	-1	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
-1	0	-1	-1
-1	0	-1	-1
0	0	0	0
0	0	0	0
0	0	-1	-1
0	0	-1	-1
0	0	0	0
0	0	0	0
-1	0	0	0

FID	Shape	Well	CommonName	Constructi	Basin	RefElevati	Total_Dept	Area	Book	Data_Relea
340	Point	32S/13E-32D10	OCSD #5		BASIN NOT K...	80.78	0	Oceano	3.1	
341	Point	32S/13E-32D11	OCSD #6	305'-459', 545'...	SANTA MARIA...	86.13	607	OCEANO - GROVER CITY	3.1	
342	Point	32S/13E-32J02				45	0		0	
343	Point	32S/13E-32L07	SIMALEY - NI...		SANTA MARIA...	20.5	0	OCEANO - GROVER CITY	21	Limited Release
344	Point	32S/13E-32M03	BEJO SEEDS, ...	Depth 104.0'	SANTA MARIA...	21	104	CIENEGA	23	
345	Point	32S/13E-33A05	GARING - LOS...	18-40'	SANTA MARIA...	80.5	0	LOS BERROS	22	Limited Release
346	Point	32S/13E-33A06	GARING NEW...		SANTA MARIA...	80.5	0	LOS BERROS	22	
347	Point	32S/13E-33C04				75	0		0	
348	Point	32S/13E-33F01	FUKAHARA - ...	Depth 82'	SANTA MARIA...	49	82	CIENEGA	0	
349	Point	32S/13E-33K03	WALLER SEE...	64-82' 96'deep	SANTA MARIA...	51	96	CIENEGA	22	
350	Point	32S/13E-33L02	TAYLOR #1		SANTA MARIA...	42.1	0	CIENEGA VALLEY	22	
351	Point	32S/13E-33M02	CIENEGA VAL...		SANTA MARIA...	40	0	CIENEGA	22	
352	Point	32S/14E-19A01	TAR SPRINGS		BASIN NOT K...	290	0		0	
353	Point	32S/14E-19D01	TAR SPRINGS		SANTA MARIA...	275	0	TAR SPRINGS CANYON	0	
354	Point	32S/14E-19D05	BELLO TAR S...		BASIN NOT K...	275	0	ARROYO GRANDE	0	
355	Point	32S/20E-12P01	BLM KCL ...		CARRIZO PLAIN	1956	0	CARRIZO LOWER	0	
356	Point	32S/20E-25F01	BLM WINDMIL...		CARRIZO PLAIN	2312	0	CARRIZO LOWER	0	
357	Point	32S/20E-25F02	BLM WASHB...		CARRIZO PLAIN	2310	0	CARRIZO LOWER	0	
358	Point	32S/20E-25H01	BLM WAS...	48'	CARRIZO PLAIN	2171	48	CARRIZO LOWER	0	
359	Point	32S/21E-22M02	BLM KCL...	260' sounded	CARRIZO PLAIN	2045	260	CARRIZO LOWER	0	
360	Point	32S/21E-23L02	BLM KCL...		CARRIZO PLAIN	2035	0	CARRIZO LOWER	0	
361	Point	32S/21E-35C01	BLM HAHL...	360	CARRIZO PLAIN	2135	360	CARRIZO LOWER	0	
362	Point	32S/21E-36E01	BLM CREEK		CARRIZO PLAIN	2137	0	CARRIZO LOWER	0	

UTM_X	UTM_Y	Data_Sourc	Municipal_	Date_Insta	Type	DHS_ID	Scanned_We	Paper_Well	Construc_1	Top_Perf_1
0	0	SLO_County					0			
717807.9961	3887331.1107	SLO_County	OCSD		Muni	4010005-004	0	Y	PERFS	305
718573.5086	3886896.8996	DWR					0			
0	0	SLO_County					0			
717860.6833	3886191.5943	SLO_County					0		TD	
720599.4965	3887151.8748	SLO_County					-1		PERFS	18
720573.4241	3887182.0737	SLO_County					0			
719469.6146	3887562.3018	DWR					0			
0	0	SLO_County					0		TD	
720258.4255	3886588.606	SLO_County					0		PERFS + TD	64
719533.6852	3886170.2302	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0			
0	0	SLO_County					0		TD	
0	0	SLO_County					0		TD	
0	0	SLO_County					0			
0	0	SLO_County					0		TD	
0	0	SLO_County					0			

Bottom_Per	Top_Perf_2	Bottom_P_1	Top_Perf_3	Bottom_P_2	Top_Perf_4	Bottom_P_3	Top_Perf_5	Bottom_P_4	Casing
459	545	597							
40									
82									

Hydrograph	Sentry_Wel	2008_Count	2009_Conto
0	0	0	0
-1	0	-1	-1
0	0	0	0
0	0	0	0
0	0	0	0
0	0	-1	0
0	0	-1	-1
0	0	0	0
0	0	0	0
-1	0	-1	-1
0	0	-1	-1
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Appendix 4-3. CCRWQCB Boundary

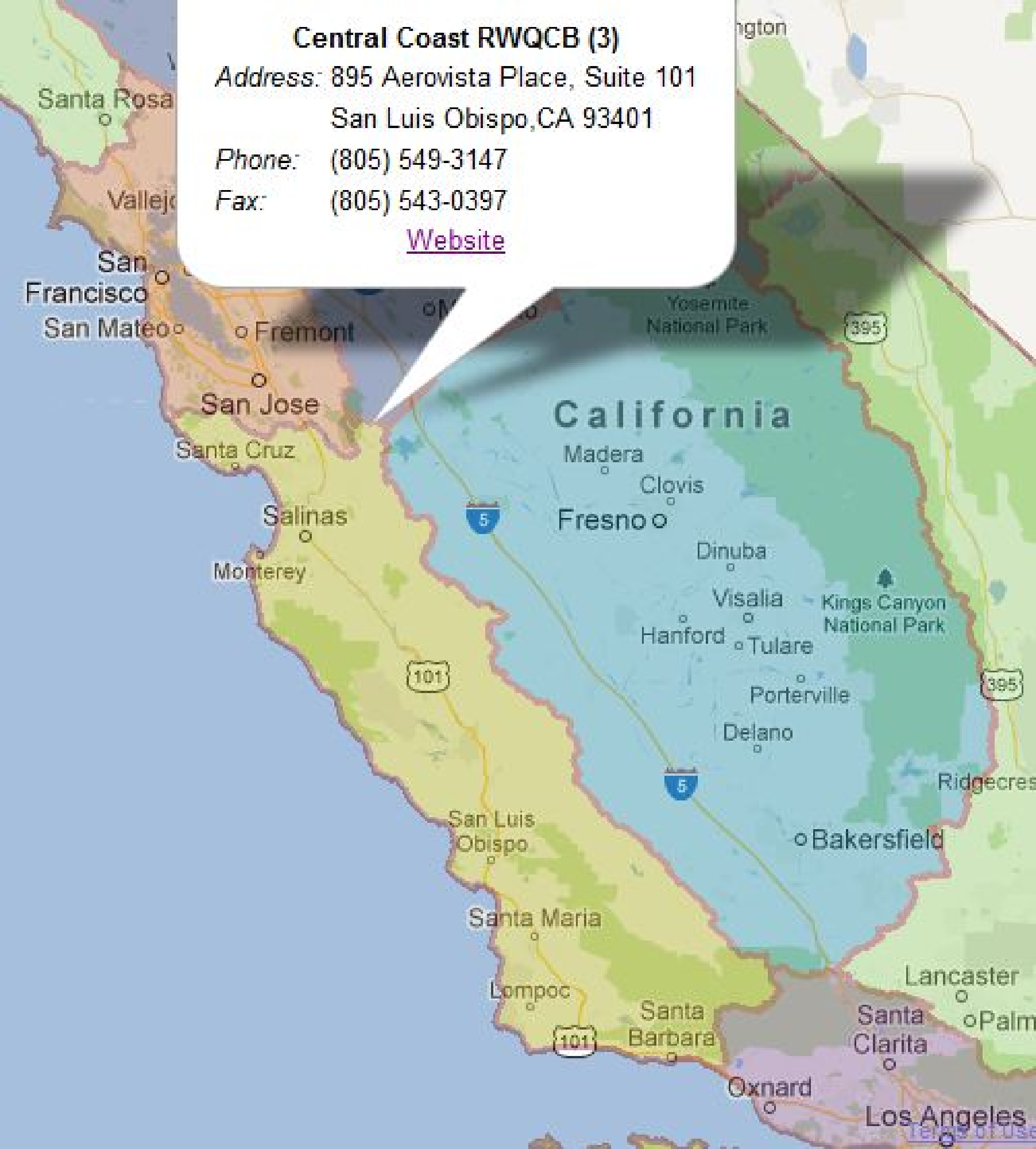
Central Coast RWQCB (3)

Address: 895 Aerovista Place, Suite 101
San Luis Obispo,CA 93401

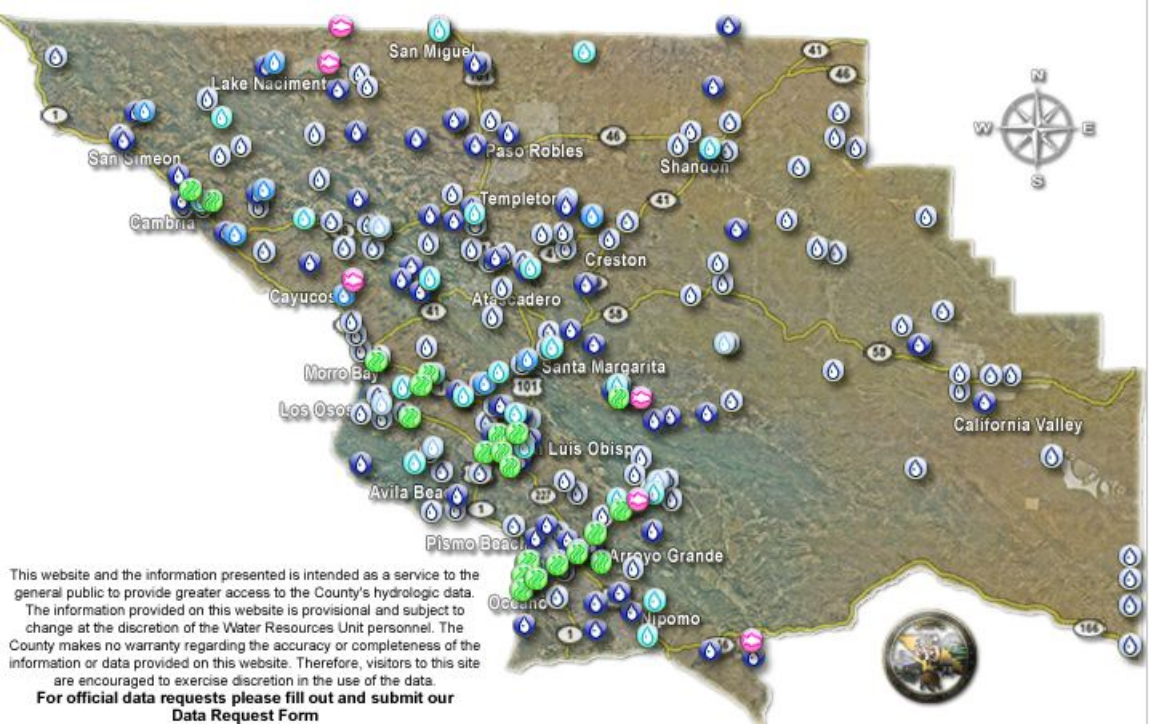
Phone: (805) 549-3147

Fax: (805) 543-0397

Website



Appendix 4-4. Gaging Stations



This website and the information presented is intended as a service to the general public to provide greater access to the County's hydrologic data. The information provided on this website is provisional and subject to change at the discretion of the Water Resources Unit personnel. The County makes no warranty regarding the accuracy or completeness of the information or data provided on this website. Therefore, visitors to this site are encouraged to exercise discretion in the use of the data.

For official data requests please fill out and submit our Data Request Form

Appendix 4-5. Weather Stations

2
1
El Paso de Robles (Paso RCA
Cambria
Atascadero
1
3
3
Baywood-Los Osos
San Luis Obispo
4
Arroyo Grande
Taft
2
Santa Maria

Appendix 4-6. Letters of Support

SAN LUIS OBISPO COUNTY
DEPARTMENT OF PUBLIC WORKS
Paavo Ogren, Director

County Government Center, Room 207 • San Luis Obispo, CA 93408 • (805) 781-5252
Fax (805) 781-1229 email address: pwd@co.slo.ca.us

July 13, 2012

Mr. Tom Lutterman
Department of Water Resources
Division of Integrated Regional Water Management
Regional Planning Branch
P.O. Box 942836
Sacramento, CA 94236-0001

Subject: Letter of Support for Local Groundwater Assistance Grant Application and Intent to Participate in the Development of a Salt and Nutrient Management Plan for the Northern Cities Management Area and Nipomo Mesa Management Area of the Santa Maria Groundwater Basin

Dear Mr. Lutterman:

The City of Arroyo Grande is applying for a Local Groundwater Assistance (LGA) grant from the State of California Department of Water Resources to cover the entire cost for the development of a Salt and Nutrient Management Plan (SNMP) for the Northern Cities and Nipomo Mesa Management Areas of the Santa Maria Groundwater Basin. A SNMP is required to be developed for each groundwater basin within the State by May 14, 2014, per the requirements of State Water Resources Control Board Recycled Water Policy. A separate SNMP is being developed by stakeholders within the Santa Maria Valley Management Area.

This letter confirms the San Luis Obispo County Public Works Department's support for the LGA grant application, and intent to work cooperatively with the other participating agencies to complete this important regional project if an LGA grant is awarded.

Sincerely,

PAAVO OGREN
Director of Public Works

File: CF 500.151.01

L:\MANAGMNT\JUL12\SMB SNMP LOS.docx.PO.CH:lc

July 10, 2012

Tom Lutterman
California Department of Water Resources
Local Groundwater Assistance Grant Program
tjl@water.ca.gov

Dear Mr. Lutterman:

RE: LETTER OF SUPPORT FOR LOCAL GROUNDWATER ASSISTANCE GRANT APPLICATION FOR THE DEVELOPMENT OF A SALT AND NUTRIENT MANAGEMENT PLAN FOR THE NORTHERN CITIES MANAGEMENT AREA AND NIPOMO MESA MANAGEMENT AREA OF THE SANTA MARIA GROUNDWATER BASIN

We are writing you this letter in support of the City of Arroyo Grande's Local Groundwater Assistance (LGA) grant application for the development of a Salt and Nutrient Management Plan (SNMP) for the Northern Cities and Nipomo Mesa Management Areas of the Santa Maria Groundwater Basin. As you are likely aware, a SNMP is required for each groundwater basin within the State by May 14, 2014, per the State Water Resources Control Board Recycled Water Policy. The development of SNMPs is high priority within the Central Coast Region and we intend to collaborate with participating agencies and stakeholders to help facilitate the SNMP process.

We are strongly in support of LGA grants for SNMP development given funding is currently one of the biggest obstacles in developing SNMPs within our Region and the State, particularly for smaller communities within groundwater basins or management areas with a limited number of participating stakeholders.

If you have any questions regarding this matter please contact Matthew Keeling at (805) 549-3685, or mkeeling@waterboards.ca.gov.

Sincerely,

Digitally signed by John M. Robertson
DN: cn=John M. Robertson, o=Central Coast Regional Water Quality Control Board, ou, email=jrobertson@waterboards.ca.gov, c=US
Date: 2012.07.10 12:37:25 -07'00'

for Roger W. Briggs
Executive Officer

CC's on next page

cc:

Spencer Waterman
Water Systems Consulting, Inc.
P.O. Box 4255
San Luis Obispo, CA 93403
swaterman@wsc-inc.com

Katie McNeill, Grants Program Manager
Harvey Packard, Section Manager

S:\Salt-nutrient management plans\Regional_Plans\Northern Cities & Nipomo MAs\LGA support letter 070612.doc

NIPOMO COMMUNITY SERVICES DISTRICT

BOARD MEMBERS
JAMES HARRISON, **PRESIDENT**
LARRY VIERHEILIG, **VICE PRESIDENT**
MICHAEL WINN , **DIRECTOR**
ED EBY, **DIRECTOR**
DAN A. GADDIS, **DIRECTOR**

Serving the Community Since 1965

STAFF
MICHAEL S. LEBRUN, **GENERAL MANAGER**
LISA BOGNUDA, **ASSISTANT GENERAL MANAGER**
PETER SEVCIK, P.E., **DISTRICT ENGINEER**
TINA GRIETENS, **UTILITY SUPERINTENDENT**
JON SEITZ, **GENERAL COUNSEL**

148 SOUTH WILSON STREET POST OFFICE BOX 326 NIPOMO, CA 93444 - 0326
(805) 929-1133 FAX (805) 929-1932 Website address: ncsd.ca.gov

July 11, 2012

California Department of Water Resources
Division of Integrated Regional Water Management
Regional Planning Branch
1416 9th Street, Room 338
Sacramento, CA 95814

Dear Mr. Tom Lutterman:

SUBJECT: LETTER OF SUPPORT FOR LOCAL GROUNDWATER ASSISTANCE GRANT APPLICATION AND INTENT TO PARTICIPATE IN THE DEVELOPMENT OF A SALT AND NUTRIENT MANAGEMENT PLAN FOR THE NORTHERN CITIES MANAGEMENT AREA AND NIPOMO MESA MANAGEMENT AREA OF THE SANTA MARIA GROUNDWATER BASIN

The City of Arroyo Grande is applying for a Local Groundwater Assistance (LGA) grant from the State of California Department of Water Resources to cover the entire cost for the development of a Salt and Nutrient Management Plan (SNMP) for the Northern Cities and Nipomo Mesa Management Areas of the Santa Maria Groundwater Basin. A SNMP is required to be developed for each groundwater basin within the State by May 14, 2014, per the requirements of State Water Resources Control Board Recycled Water Policy. A separate SNMP is being developed by stakeholders within the Santa Maria Valley Management Area.

Please be advised the Nipomo Community Services District does not oppose the LGA grant application, and intends to work with the other participating agencies to complete the SNMP if the LGA grant is awarded. The District's support of the conclusions and findings of the SNMP will be separately considered by the District. Therefore, this letter should not be construed as endorsing or otherwise agreeing with the conclusions of the SNMP.

Very truly yours,

NIPOMO COMMUNITY SERVICES DISTRICT

Michael S. LeBrun

Michael S. LeBrun, P.E.
General Manager

Santa Maria
All-America City

CITY OF SANTA MARIA
UTILITIES DEPARTMENT
Business Services • Regulatory Compliance
Solid Waste Services • Water Resources

2065 EAST MAIN STREET • SANTA MARIA, CALIFORNIA 93454-8026 • 805-925-0951, EXT. 7270 • FAX 805-928-7240

7/10/2012
California Department of Water Resources

SUBJECT: Letter of Support for Local Groundwater Assistance Grant Application for the Development of a Salt and Nutrient Management Plan for the Northern Cities Management Area and Nipomo Mesa Management Area of the Santa Maria Groundwater Basin

To whom it may concern,

The City of Arroyo Grande is applying for a Local Groundwater Assistance (LGA) grant from the State of California Department of Water Resources to cover the entire cost for the development of a Salt and Nutrient Management Plan (SNMP) for the Northern Cities and Nipomo Mesa Management Areas of the Santa Maria Groundwater Basin (SMGB). A SNMP is required to be developed for each groundwater basin within the State by May 14, 2014, per the requirements of State Water Resources Control Board Recycled Water Policy.

The stakeholders within the Santa Maria Valley Management Area are also producing a SNMP. The City of Santa Maria is a major stakeholder in this effort. The Northern Cities, Nipomo Mesa and the Santa Maria Valley Management Areas are all part of the Santa Maria Valley Groundwater Basin. The Board and technical committees that govern these Management Areas all work very closely together and collaborate on many work efforts.

The City of Santa Maria supports the City of Arroyo Grande's LGA grant application and their efforts to facilitate a collaborative process to develop a SNMP for the Northern Cities and Nipomo Mesa Management Areas of the SMGB. This will help improve the quality of water for the entire Basin.

Sincerely,

Steven B. Kahn

Utilities Engineer

City of Santa Maria

SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT

Post Office Box 339 Oceano, California 93475-0339
1600 Aloha Oceano, California 93445-9735
Telephone (805) 489-6666 FAX (805) 489-2765
http://www.sslocsd.org/

July 10, 2012

California Department of Water Resources
1416 9th Street
Sacramento, CA 95814

SUBJECT: Letter of Support for Local Groundwater Assistance Grant Application and Intent to Participate in the Development of a Salt and Nutrient Management Plan for the Northern Cities Management Area and Nipomo Mesa Management Area of the Santa Maria Groundwater Basin

To Whom It May Concern,

The City of Arroyo Grande is applying for a Local Groundwater Assistance (LGA) grant from the State of California Department of Water Resources to cover the entire cost for the development of a Salt and Nutrient Management Plan (SNMP) for the Northern Cities and Nipomo Mesa Management Areas of the Santa Maria Groundwater Basin. A SNMP is required to be developed for each groundwater basin within the State by May 14, 2014, in accordance with the requirements of State Water Resources Control Board Recycled Water Policy. A separate SNMP is being developed by stakeholders within the Santa Maria Valley Management Area.

This letter confirms the South San Luis Obispo County Sanitation District's support for the LGA grant application, and intent to work cooperatively with the other participating agencies to complete this important regional project if an LGA grant is awarded.

Sincerely,

South San Luis Obispo County Sanitation District
John L. Wallace, PE
District Administrator

WOODLANDS MUTUAL WATER COMPANY

PO BOX 19
ARROYO GRANDE, CA 93421

TELEPHONE 805-540-5208
FAX 805-544-4294

7/2/2012

California Department of Water Resources

SUBJECT: Letter of Support for an Local Groundwater Assistance Grant Application and Intent to Participate in the Development of a Salt and Nutrient Management Plan for the Northern Cities Management Area and Nipomo Mesa Management Area of the Santa Maria Groundwater Basin

To Whom it May Concern,

The City of Arroyo Grande is applying for a Local Groundwater Assistance (LGA) grant from the State of California Department of Water Resources to cover the entire cost for the development of a Salt and Nutrient Management Plan (SNMP) for the Northern Cities and Nipomo Mesa Management Areas of the Santa Maria Groundwater Basin. A SNMP is required to be developed for each groundwater basin within the State by May 14, 2014 per the requirements of State Water Resources Control Board Recycled Water Policy. A separate SNMP is being developed by stakeholders within the Santa Maria Valley Management Area.

This letter confirms the Woodland's Mutual Water Co. support for the LGA grant application, and intent to work cooperatively with the other participating agencies to complete this important regional project if an LGA grant is awarded.

Sincerely,

Rob Miller, PE
Woodland's Mutual Water Co.