Water System

SLO CWWD NO. 23 - SANTA MARGARITA

San Luis Obispo County

Water Source

WELL 01 - STANDBY

Assessment Date

October, 2001

Assessment Completed By

CDPH Santa Barbara District

California Department of Public Health Drinking Water Field Operations Branch CDPH Santa Barbara District

District No. 06

System No. 4010024

Source No. 002

Vulnerability Summary

District Name	CDPH Santa Barbara District	District No. 06	County	San Luis Obis	spo		_
System Name	SLO CWWD NO. 23 - SANTA MA	RGARITA		Syster	m No	4010024	
Source Name	WELL 01 - STANDBY	Source No	002	PS Code	401	0024-002	
Completed by	CDPH Santa Barbara District		D	ate October,	2001		

According to CDPH records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

A source water assessment was conducted for the _WELL 01 - STANDBY

of the SLO CWWD NO. 23 - SANTA MARGARITA

___ water system in __October, 2001

The source is considered most vulnerable to the following activities not associated with any detected contaminants:

> Automobile - Gas stations Septic systems - high density [>1/acre]

A copy of the complete assessment may be viewed at:

DHS Drinking Water Field Operations Branch 1180 Eugenia Place Suite 200 Carpenteria, CA 93013

You may request a summary of the assessment be sent to you by contacting:

District Name CDPH Santa Barbara District District No. 06 County San Luis Obispo **System Name** SLO CWWD NO. 23 - SANTA MARGARITA System No. 4010024 **Source Name** WELL 01 - STANDBY Source No. 002 PS Code 4010024-002 **CDPH Santa Barbara District** Completed by Date October, 2001

The following PCAs were identified in the assessment and are listed in priority order based on risk to the water supply.

Refer to the last page for more information.

| PCA Risk | Zone | PBE | Vulnerability | PCA Risk | Points | Points | Points | Points | Points | Score | PSE | Score | PSE | PCA (Risk Ranking) | PCA Risk | Points | Points

Zone	PCA (Risk Ranking)	*	PCA Risk Points	Zone Points	PBE Points	Vulnerability Score
Α	Automobile - Gas stations (VH)		7	5	5	17
Α	Septic systems - high density [>1/acre] (VH in Zone A, otherwise M)		7	5	5	17
Α	Automobile - Repair shops (H)		5	5	5	15
Α	Junk/scrap/salvage yards (H)		5	5	5	15
Α	Above ground storage tanks (M)		3	5	5	13
Α	Contractor or government agency equipment storage yards (M)		3	5	5	13
Α	Housing - high density [>1 house/0.5 acres] (M)		3	5	5	13
Α	Transportation corridors - Freeways/state highways (M)		3	5	5	13
Α	Transportation corridors - Railroads (M)		3	5	5	13
B5	Chemical/petroleum pipelines (H)		5	3	5	13
Α	Fire stations (L)		1	5	5	11
Α	RV/mini storage (L)		1	5	5	11
Α	Surface water - streams/lakes/rivers (L)		1	5	5	11
Α	Transportation corridors - Roads/Streets (L)		1	5	5	11
A	Underground storage tanks - Upgraded and/or registered - active tanks (L)		1	5	5	11
B5	Agricultural Drainage (H in Zone A, otherwise M)		3	3	5	11
B5	Housing - high density [>1 house/0.5 acres] (M)		3	3	5	11
B5	Motor pools (M)		3	3	5	11
B5	Septic systems - high density [>1/acre] (VH in Zone A, otherwise M)		3	3	5	11
B5	Transportation corridors - Freeways/state highways (M)		3	3	5	11
B5	Transportation corridors - Railroads (M)		3	3	5	11
B10	Chemical/petroleum pipelines (H)		5	1	5	11
B10	Wells - Agricultural/ Irrigation (H)		5	1	5	11
B5	Septic systems - low density [<1/acre] (H in Zone A, otherwise L)		1	3	5	9
B5	Surface water - streams/lakes/rivers (L)		1	3	5	9
B5	Transportation corridors - Roads/Streets (L)		1	3	5	9
B10	Agricultural Drainage (H in Zone A, otherwise M)		3	1	5	9

^{* =} A contaminant potentially associated with this activity has been detected in the water supply.

District Name CDPH Santa Barbara District District No. 06 County San Luis Obispo **System Name** SLO CWWD NO. 23 - SANTA MARGARITA System No. 4010024 **Source Name** WELL 01 - STANDBY Source No. 002 PS Code 4010024-002 **CDPH Santa Barbara District** Completed by Date October, 2001

Zone	PCA (Risk Ranking)	*	PCA Risk Points	Zone Points	PBE Points	Vulnerability Score
B10	Funeral services/graveyards (M)		3	1	5	9
B10	Parks (M)		3	1	5	9
B10	Transportation corridors - Freeways/state highways (M)		3	1	5	9
B10	Transportation corridors - Railroads (M)		3	1	5	9
B10	Wells - Water supply (M)		3	1	5	9

^{* =} A contaminant potentially associated with this activity has been detected in the water supply.

A source water assessment was recently completed for this drinking water source. The assessment identifies the vulnerability of the drinking water supply to contamination from typical human activities. The assessments are intended to facilitate and provide the basic information necessary for a local community to develop a program to protect the drinking water supply.

A summary of the complete assessment is provided here. For more information, contact the agency or individual that prepared the assessment (shown in summary). You may also contact the local Department of Public Health Drinking Water Field Operations Branch district office http://www.cdph.ca.gov/programs/Documents/DDWEM/OriginalDistrictMapCDPH.pdf).

Additional information about assessments can be found at: http://www.cdph.ca.gov/certlic/drinkingwater/Pages/DWSAP.aspx

Terms used in this summary:

Source Water Assessment: An assessment is an evaluation of a drinking water source to determine the "possible contaminating activities" (PCAs) to which the source is most vulnerable. The assessment includes: a delineation of protection zones around the source; an inventory of the types of PCAs within the source protection zones; and an analysis to determine the PCAs to which the source is most vulnerable. The information is compiled into a report that includes a map, calculations, checklists, and a summary of the findings.

Possible Contaminating Activity (PCA): A PCA is a current or historic human activity that is an actual or potential origin of contamination for a drinking water source. PCAs include activities that use, store, produce or dispose of chemicals that have the potential to contaminate drinking water supplies. There are 110 types of PCAs in the California DWSAP program.

PCA Risk Ranking: Each type of PCA is assigned a risk ranking (Very High, High, Moderate, or Low). The risk ranking is based on the contaminant(s) typically associated with that PCA, the likelihood of release from that type of facility based on historical experience, and the mobility of the contaminant(s).

PCA Inventory: The PCA inventory is a review using local knowledge, databases, and on-site evaluations to identify the occurrence and approximate location of PCAs in the source water zones. The inventory for the basic DWSAP assessments is a presence-absence review. If a type of PCA occurs in a zone, a "Yes" is noted in the inventory for that zone, regardless of whether there is one or many of that type of facility within the zone. If a PCA has been associated with a contaminant detected in the water supply, a notation is made in the PCA inventory.

Source Water Zones or Areas: These are areas located around and typically adjacent to a drinking water source that have been identified as initial protection areas.

For groundwater sources, there are typically three concentric circular zones around a source (Zones A, B5 and B10). The sizes of the are determined based on characteristics of the source. PCAs located in the inner Zone A are considered more of a risk to the water supply than PCAs located in the middle Zone B5. Similarly, PCAs located in Zone B5 are considered more of a risk than PCAs located in the outer Zone B10.

For surface water sources, the watershed is defined as the overall protection area, and as an option, zones are defined closer to the source. Two types of zones are typically established. Zone A is the area within and near the surface water body and its tributaries. Zone B is an area within 2,500 feet of the intake, not including areas in Zone A. For surface water sources, PCAs located in Zone A are considered a greater threat than PCAs located in Zone B. PCAs located on the watershed outside of the zones are considered to be of less risk to the water supply. If zones have not been defined, PCAs are considered to be of equal risk regardless of location on the watershed.

Physical Barrier Effectiveness (PBE): The PBE for a source is an evaluation of the ability of the source and the surrounding area to prevent the movement of contaminants into the source. The PBE is based on the construction and operation features of the source, and the characteristics of the surrounding area. A source is assigned a PBE of Low, Moderate or High, where High indicates that the physical barriers of the source and site are very effective in preventing the movement of contaminants. By design, typical groundwater sources will have Moderate PBE, while typical surface water sources will have Low PBE. This is due to the greater exposure of surface water sources to contamination.

Vulnerability Ranking: The vulnerability ranking is a summary of the PCAs identified in the assessment prioritized by the risk that they pose to the water supply. The prioritization is based on the risk associated with a PCA, the zone in which it occurs, and the PBE of the source. In the vulnerability ranking, points are assigned as follows:

PCA risk ranking	Very High = 7	High = 5	Moderate = 3	Low = 1	Unknown in any zone = 0
Zone (Groundwater)	A = 5	B5 = 3	B10 = 1		
Zone (Surface water with zones)	A = 5	B = 3	Watershed = 1		
Zone (Surface water without zones)	Watershed = 5				
Physical Barrier Effectiveness	Low = 5	Moderate = 3	High = 1		

The points for each type of PCA in each zone are totaled to give a vulnerability score, and the PCAs are ranked in order from the highest score to the lowest score. PCAs associated with detected contaminants are ranked at the top, regardless of vulnerability score. By definition, groundwater sources are not considered vulnerable to PCAs with scores less than 8, and surface water sources are not considered vulnerable to PCAs with scores less than 11. It should be noted that the vulnerability ranking scores do not have a direct quantitative value. Rather, the points are used only to relatively rank the types of PCAs for an individual source.

Note: Some of the summaries do not include a vulnerability ranking. If the assessment was done on paper and the details were not entered into the database, the vulnerability ranking is not available here. In addition, alternate methods of determining vulnerability were allowed in some cases, and the vulnerability ranking is not in the database.

Water System

SLO CWWD NO. 23 - SANTA MARGARITA

San Luis Obispo County

Water Source

WELL 02 - STANDBY

Assessment Date

October, 2001

Assessment Completed By

CDPH Santa Barbara District

California Department of Public Health Drinking Water Field Operations Branch CDPH Santa Barbara District

District No. 06

System No. 4010024

Source No. 003

Vulnerability Summary

District Name	CDPH Santa Barbara District	District No. 06	County	San Luis Obi	spo		
System Name	SLO CWWD NO. 23 - SANTA MA	RGARITA		Syste	m No.	4010024	
Source Name	WELL 02 - STANDBY	Source No	003	_ PS Code _	40	10024-003	
Completed by	CDPH Santa Barbara District		D	ate October,	2001		

According to CDPH records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

A source water assessment was conducted for the _WELL 02 - STANDBY

of the SLO CWWD NO. 23 - SANTA MARGARITA

___ water system in ___October, 2001

The source is considered most vulnerable to the following activities not associated with any detected contaminants:

> Automobile - Gas stations Septic systems - high density [>1/acre]

A copy of the complete assessment may be viewed at:

DHS Drinking Water Field Operations Branch 1180 Eugenia Place Suite 200 Carpenteria, CA 93013

You may request a summary of the assessment be sent to you by contacting:

District Name CDPH Santa Barbara District District No. 06 County San Luis Obispo **System Name** SLO CWWD NO. 23 - SANTA MARGARITA System No. 4010024 **Source Name** WELL 02 - STANDBY Source No. 003 PS Code 4010024-003 **CDPH Santa Barbara District** Completed by Date October, 2001

Zone	PCA (Risk Ranking)	*	PCA Risk Points	Zone Points	PBE Points	Vulnerability Score
Α	Automobile - Gas stations (VH)		7	5	5	17
A	Septic systems - high density [>1/acre] (VH in Zone A, otherwise M)		7	5	5	17
А	Automobile - Repair shops (H)		5	5	5	15
Α	Junk/scrap/salvage yards (H)		5	5	5	15
А	Above ground storage tanks (M)		3	5	5	13
А	Contractor or government agency equipment storage yards (M)		3	5	5	13
А	Housing - high density [>1 house/0.5 acres] (M)		3	5	5	13
А	Transportation corridors - Freeways/state highways (M)		3	5	5	13
Α	Transportation corridors - Railroads (M)		3	5	5	13
B5	Chemical/petroleum pipelines (H)		5	3	5	13
А	Fire stations (L)		1	5	5	11
А	RV/mini storage (L)		1	5	5	11
Α	Surface water - streams/lakes/rivers (L)		1	5	5	11
Α	Transportation corridors - Roads/Streets (L)		1	5	5	11
Α	Underground storage tanks - Upgraded and/or registered - active tanks (L)		1	5	5	11
B5	Agricultural Drainage (H in Zone A, otherwise M)		3	3	5	11
B5	Housing - high density [>1 house/0.5 acres] (M)		3	3	5	11
B5	Motor pools (M)		3	3	5	11
B5	Septic systems - high density [>1/acre] (VH in Zone A, otherwise M)		3	3	5	11
B5	Transportation corridors - Freeways/state highways (M)		3	3	5	11
B5	Transportation corridors - Railroads (M)		3	3	5	11
B10	Chemical/petroleum pipelines (H)		5	1	5	11
B10	Wells - Agricultural/ Irrigation (H)		5	1	5	11
B5	Septic systems - low density [<1/acre] (H in Zone A, otherwise L)		1	3	5	9
B5	Surface water - streams/lakes/rivers (L)		1	3	5	9
B5	Transportation corridors - Roads/Streets (L)		1	3	5	9
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Source Name	WELL 02 - STANDBY	Source No	003	PS Code	40	10024-003	
Completed by	CDPH Santa Barbara District		D	ate October :	2001		

Zone	PCA (Risk Ranking)	*	PCA Risk Points	Zone Points	PBE Points	Vulnerability Score
B10	Funeral services/graveyards (M)	 	3	1	5	9
B10	Parks (M)		3	1	5	9
B10	Transportation corridors - Freeways/state highways (M)		3	1	5	9
B10	Transportation corridors - Railroads (M)		3	1	5	9
B10	Wells - Water supply (M)		3	1	5	9

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Water System

SLO CWWD NO. 23 - SANTA MARGARITA

San Luis Obispo County

Water Source

WELL 03 (1991)

Assessment Date

May, 2002

Assessment Completed By

CDPH Santa Barbara District

California Department of Public Health Drinking Water Field Operations Branch CDPH Santa Barbara District

District No. 06

System No. 4010024

Source No. 004

Vulnerab	ility Summary					
District Name	CDPH Santa Barbara District	District No. 06	County	San Luis Obispo		
System Name	SLO CWWD NO. 23 - SANTA MA	RGARITA		System No.	4010024	_
Source Name	WELL 03 (1991)	Source No	004	PS Code4	010024-004	
Completed by	CDPH Santa Barbara District		D	ate May, 2002		_
	CDPH records, this Source is Gro System Method.	oundwater. This Asse	essment w	as done using the	Default	
A source water	er assessment was conducted fo	or the	91)			_
of the SLO	CWWD NO. 23 - SANTA MARG	ARITA	_ water s	ystem in <u>May, 2</u>	002	

The source is considered most vulnerable to the following activities not associated with any detected contaminants:

Septic systems - high density [>1/acre]

A copy of the complete assessment may be viewed at:

DHS Drinking Water Field Operations Branch 1180 Eugenia Place Suite 200 Carpenteria, CA 93013

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District Name	CDPH Santa Barbara District	District No. 06	County	San Luis Obis	spo		
System Name	SLO CWWD NO. 23 - SANTA MA	ARGARITA		System	n No	4010024	
Source Name	WELL 03 (1991)	Source No	004	PS Code	40	10024-004	
Completed by	CDPH Santa Barbara District		D	ate May, 200	2		

Zone	PCA (Risk Ranking)	*	PCA Risk Points	Zone Points	PBE Points	Vulnerability Score
Α	Septic systems - high density [>1/acre] (VH in Zone A, otherwise M)		7	5	5	17
Α	Agricultural Drainage (H in Zone A, otherwise M)		5	5	5	15
Α	Septic systems - low density [<1/acre] (H in Zone A, otherwise L)		5	5	5	15
B5	Chemical/petroleum processing/storage (VH)		7	3	5	15
A	Housing - high density [>1 house/0.5 acres] (M)		3	5	5	13
B10	Automobile - Gas stations (VH)		7	1	5	13
B10	Chemical/petroleum processing/storage (VH)		7	1	5	13
A	Campgrounds/Recreational areas (L)		1	5	5	11
Α	RV Parks (L)		1	5	5	11
Α	RV/mini storage (L)		1	5	5	11
Α	Transportation corridors - Roads/Streets (L)		1	5	5	11
B5	Agricultural Drainage (H in Zone A, otherwise M)		3	3	5	11
B5	Housing - high density [>1 house/0.5 acres] (M)		3	3	5	11
B5	Septic systems - high density [>1/acre] (VH in Zone A, otherwise M)		3	3	5	11
B5	Transportation corridors - Freeways/state highways (M)		3	3	5	11
B10	Automobile - Repair shops (H)		5	1	5	11
B10	Junk/scrap/salvage yards (H)		5	1	5	11
B10	Wells - Agricultural/ Irrigation (H)		5	1	5	11
B5	Schools (L)		1	3	5	9
B5	Septic systems - low density [<1/acre] (H in Zone A, otherwise L)		1	3	5	9
B5	Transportation corridors - Roads/Streets (L)		1	3	5	9
B10	Agricultural Drainage (H in Zone A, otherwise M)		3	1	5	9
B10	Contractor or government agency equipment storage yards (M)		3	1	5	9
B10	Funeral services/graveyards (M)		3	1	5	9
B10	Hardware/lumber/parts stores (M)		3	1	5	9
B10	Housing - high density [>1 house/0.5 acres] (M)		3	1	5	9
B10	Parking lots/malls [>50 spaces] (M)		3	1	5	9
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Source Name	WELL 03 (1991)	Source No	004	PS Code	40	010024-004	
Completed by	CDBH Santa Barbara District		Г	late May 2002	,		

Zone	PCA (Risk Ranking)	*	PCA Risk Points	Zone Points	PBE Points	Vulnerability Score
B10	Parks (M)		3	1	5	9
B10	Septic systems - high density [>1/acre] (VH in Zone A, otherwise M)		3	1	5	9
B10	0 Transportation corridors - Freeways/state highways (M)		3	1	5	9
B10	Transportation corridors - Railroads (M)		3	1	5	9
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Physical Barrier Effectiveness (PBE): The PBE for a source is an evaluation of the ability of the source and the surrounding area to prevent the movement of contaminants into the source. The PBE is based on the construction and operation features of the source, and the characteristics of the surrounding area. A source is assigned a PBE of Low, Moderate or High, where High indicates that the physical barriers of the source and site are very effective in preventing the movement of contaminants. By design, typical groundwater sources will have Moderate PBE, while typical surface water sources will have Low PBE. This is due to the greater exposure of surface water sources to contamination.

Vulnerability Ranking: The vulnerability ranking is a summary of the PCAs identified in the assessment prioritized by the risk that they pose to the water supply. The prioritization is based on the risk associated with a PCA, the zone in which it occurs, and the PBE of the source. In the vulnerability ranking, points are assigned as follows:

PCA risk ranking	Very High = 7	High = 5	Moderate = 3	Low = 1	Unknown in any zone = 0
Zone (Groundwater)	A = 5	B5 = 3	B10 = 1		
Zone (Surface water with zones)	A = 5	B = 3	Watershed = 1		
Zone (Surface water without zones)	Watershed = 5				
Physical Barrier Effectiveness	Low = 5	Moderate = 3	High = 1		

The points for each type of PCA in each zone are totaled to give a vulnerability score, and the PCAs are ranked in order from the highest score to the lowest score. PCAs associated with detected contaminants are ranked at the top, regardless of vulnerability score. By definition, groundwater sources are not considered vulnerable to PCAs with scores less than 8, and surface water sources are not considered vulnerable to PCAs with scores less than 11. It should be noted that the vulnerability ranking scores do not have a direct quantitative value. Rather, the points are used only to relatively rank the types of PCAs for an individual source.

Note: Some of the summaries do not include a vulnerability ranking. If the assessment was done on paper and the details were not entered into the database, the vulnerability ranking is not available here. In addition, alternate methods of determining vulnerability were allowed in some cases, and the vulnerability ranking is not in the database.

Water System

SLO CWWD NO. 23 - SANTA MARGARITA

San Luis Obispo County

Water Source

WELL 04 (1996)

Assessment Date

October, 2001

Assessment Completed By

CDPH Santa Barbara District

California Department of Public Health Drinking Water Field Operations Branch CDPH Santa Barbara District

District No. 06

System No. 4010024

Source No. 005

___ water system in October, 2001

Vulnerability Summary								
District Name	CDPH Santa Barbara District	District No. 06	County	San Luis Obispo				
System Name	SLO CWWD NO. 23 - SANTA MAI	MARGARITA System No.						
Source Name	WELL 04 (1996)	Source No	005	PS Code	4010024-005			
Completed by	Completed by CDPH Santa Barbara District Date October, 2001							
According to CDPH records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.								
A source water assessment was conducted for the WELL 04 (1996)								

The source is considered most vulnerable to the following activities not associated with any detected contaminants:

Automobile - Gas stations Septic systems - high density [>1/acre]

A copy of the complete assessment may be viewed at:

of the **SLO CWWD NO. 23 - SANTA MARGARITA**

DHS Drinking Water Field Operations Branch 1180 Eugenia Place Suite 200 Carpenteria, CA 93013

You may request a summary of the assessment be sent to you by contacting:

District Name	CDPH Santa Barbara District	District No. 06	County	San Luis Obis	ро		
System Name	SLO CWWD NO. 23 - SANTA MA	ARGARITA		System	No	4010024	
Source Name	WELL 04 (1996)	Source No	005	PS Code	4010	0024-005	
Completed by	CDPH Santa Barbara District	Date October, 2001					

Zone	PCA (Risk Ranking)	*	PCA Risk Points	Zone Points	PBE Points	Vulnerability Score
Α	Automobile - Gas stations (VH)		7	5	5	17
Α	Septic systems - high density [>1/acre] (VH in Zone A, otherwise M)		7	5	5	17
Α	Automobile - Repair shops (H)		5	5	5	15
Α	Junk/scrap/salvage yards (H)		5	5	5	15
Α	Above ground storage tanks (M)		3	5	5	13
Α	Contractor or government agency equipment storage yards (M)		3	5	5	13
Α	Housing - high density [>1 house/0.5 acres] (M)		3	5	5	13
Α	Transportation corridors - Freeways/state highways (M)		3	5	5	13
Α	Transportation corridors - Railroads (M)		3	5	5	13
B5	5 Chemical/petroleum pipelines (H)		5	3	5	13
Α	Fire stations (L)		1	5	5	11
Α	RV/mini storage (L)		1	5	5	11
Α	Surface water - streams/lakes/rivers (L)		1	5	5	11
Α	Transportation corridors - Roads/Streets (L)		1	5	5	11
Α	Underground storage tanks - Upgraded and/or registered - active tanks (L)		1	5	5	11
B5	Agricultural Drainage (H in Zone A, otherwise M)		3	3	5	11
B5	Housing - high density [>1 house/0.5 acres] (M)		3	3	5	11
B5	Motor pools (M)		3	3	5	11
B5	Septic systems - high density [>1/acre] (VH in Zone A, otherwise M)		3	3	5	11
B5	Transportation corridors - Freeways/state highways (M)		3	3	5	11
B5	Transportation corridors - Railroads (M)		3	3	5	11
B10	Chemical/petroleum pipelines (H)		5	1	5	11
B10	Wells - Agricultural/ Irrigation (H)		5	1	5	11
B5	Septic systems - low density [<1/acre] (H in Zone A, otherwise L)		1	3	5	9
B5	Surface water - streams/lakes/rivers (L)		1	3	5	9
B5	Transportation corridors - Roads/Streets (L)		1	3	5	9
B10	Agricultural Drainage (H in Zone A, otherwise M)		3	1	5	9

^{* =} A contaminant potentially associated with this activity has been detected in the water supply.

District Name	CDPH Santa Barbara District	District No. 06	County	San Luis Obis	ро	4010024	
System Name	SLO CWWD NO. 23 - SANTA MA	ARGARITA		System	1 No	4010024	
Source Name	WELL 04 (1996)	Source No	005	PS Code	401	0024-005	
Completed by	CDPH Santa Barbara District		Date October, 2001				

Zone	PCA (Risk Ranking)	*	PCA Risk Points	Zone Points	PBE Points	Vulnerability Score
B10	Funeral services/graveyards (M)	 	3	1	5	9
B10	Parks (M)		3	1	5	9
B10	Transportation corridors - Freeways/state highways (M)		3	1	5	9
B10	Transportation corridors - Railroads (M)		3	1	5	9
B10	Wells - Water supply (M)		3	1	5	9

^{* =} A contaminant potentially associated with this activity has been detected in the water supply.

A source water assessment was recently completed for this drinking water source. The assessment identifies the vulnerability of the drinking water supply to contamination from typical human activities. The assessments are intended to facilitate and provide the basic information necessary for a local community to develop a program to protect the drinking water supply.

A summary of the complete assessment is provided here. For more information, contact the agency or individual that prepared the assessment (shown in summary). You may also contact the local Department of Public Health Drinking Water Field Operations Branch district office http://www.cdph.ca.gov/programs/Documents/DDWEM/OriginalDistrictMapCDPH.pdf).

Additional information about assessments can be found at: http://www.cdph.ca.gov/certlic/drinkingwater/Pages/DWSAP.aspx

Terms used in this summary:

Source Water Assessment: An assessment is an evaluation of a drinking water source to determine the "possible contaminating activities" (PCAs) to which the source is most vulnerable. The assessment includes: a delineation of protection zones around the source; an inventory of the types of PCAs within the source protection zones; and an analysis to determine the PCAs to which the source is most vulnerable. The information is compiled into a report that includes a map, calculations, checklists, and a summary of the findings.

Possible Contaminating Activity (PCA): A PCA is a current or historic human activity that is an actual or potential origin of contamination for a drinking water source. PCAs include activities that use, store, produce or dispose of chemicals that have the potential to contaminate drinking water supplies. There are 110 types of PCAs in the California DWSAP program.

PCA Risk Ranking: Each type of PCA is assigned a risk ranking (Very High, High, Moderate, or Low). The risk ranking is based on the contaminant(s) typically associated with that PCA, the likelihood of release from that type of facility based on historical experience, and the mobility of the contaminant(s).

PCA Inventory: The PCA inventory is a review using local knowledge, databases, and on-site evaluations to identify the occurrence and approximate location of PCAs in the source water zones. The inventory for the basic DWSAP assessments is a presence-absence review. If a type of PCA occurs in a zone, a "Yes" is noted in the inventory for that zone, regardless of whether there is one or many of that type of facility within the zone. If a PCA has been associated with a contaminant detected in the water supply, a notation is made in the PCA inventory.

Source Water Zones or Areas: These are areas located around and typically adjacent to a drinking water source that have been identified as initial protection areas.

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