

# ENVIRON

August 24, 2009

Ms. Karen Toth  
California Environmental Protection Agency  
Department of Toxic Substances Control  
700 Heinz Ave., Building F, Suite 200  
Berkeley, CA 94710

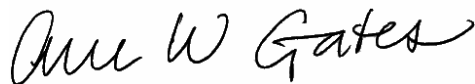
**Re: Data Transmittal  
Former UC Bay Area Research and Extension Center (BAREC)  
90 North Winchester Blvd.  
Santa Clara, California**

Dear Karen:

On behalf of the State of California Department of General Services (DGS), I am forwarding you data related to the Former BAREC property on Winchester Boulevard in Santa Clara (the "site"). The attached sampling data was collected by AMEC Geomatrix as duplicate data to data collected by a consultant retained by the plaintiffs in a pending toxic tort case related to the site. The data includes soil and ground water data as well as dust samples from inside two of the abandoned buildings. In our view, the data is consistent with the prior data collected as part of the Removal Action Workplan (RAW). We plan to incorporate this data as well as the prior RAW data into the development of the pre-excavation sampling and testing grid that is to be conducted as part of excavation activities per Section 5.3.1 of the RAW. This pre-excavation sampling plan will determine the exact depth and extent of the excavation as described in Section 5.3.1.

Please do not hesitate to contact me if you have any questions.

Sincerely,

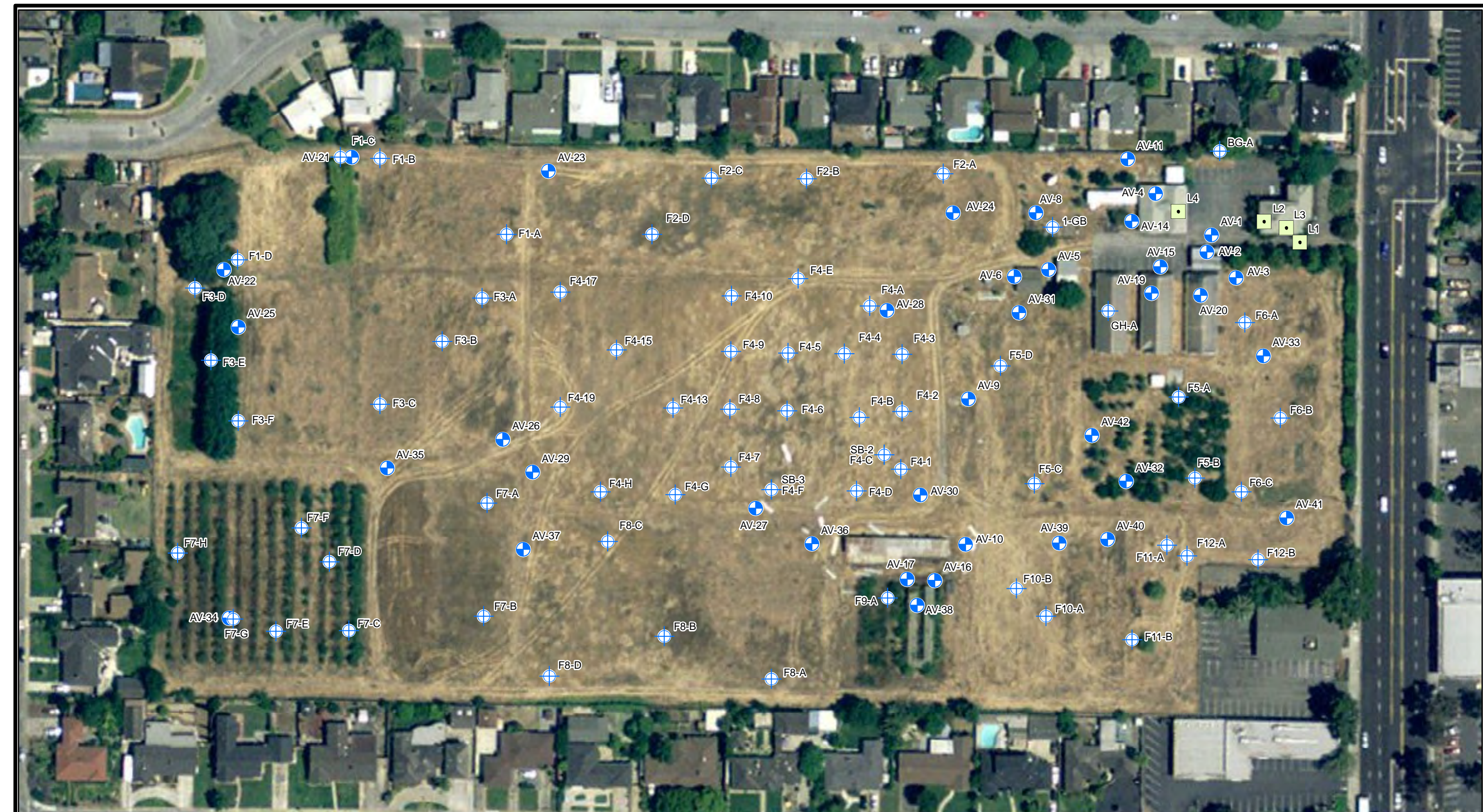


Anne W. Gates, P.E.  
Manager

Cc: Ron Small, DGS




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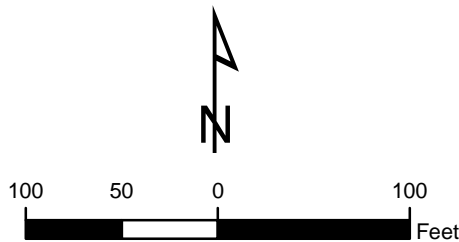




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**EXPLANATION:**

-  2008 AMEC Sample Locations
-  ENVIRON RAW Sample Locations
-  Approximate Location of Dust Sample Collection



**ENVIRON**

**Soil Boring and Dust Sample Location Map**  
**Bay Area Research Extension Center**  
90 North Winchester Blvd  
Santa Clara, California

Date: 8/3/09	Contract Number: 03-21673A	Figure <b>1</b>
Drafter: RS	Approved:	Revised:

Q:\0321673A\BAREC-SAMPLOC.mxd



**TABLE 1. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE PESTICIDIES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-1-0.5	AV-1-16.1	AV-1-2.4	AV-19-1.0	AV-19-2.5	AV-20-1.0	AV-20-2.5
			Date	10/01/2008	10/01/2008	10/01/2008	10/02/2008	10/02/2008	10/02/2008	10/02/2008
			Depth (feet)	0.5	16.1	2.4	1.0	2.5	1.0	2.5
			Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDD		2,000		<20	<b>2.3</b>	<2.0	<b>4.2</b>	<2.0	<20	<2.0
4,4'-DDE		1,400		<20	<b>6.8</b>	<2.0	<b>35</b>	<2.0	<b>110</b>	<2.0
4,4'-DDT		1,700		<20	<b>13</b>	<2.0	<b>9.3</b>	<2.0	<b>23</b>	<2.0
Aldrin	33			<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
alpha-BHC		77		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
alpha-Chlordane		1,600		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
beta-BHC		270		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Chlordane (technical)	430			<400	<40	<40	<80	<40	<400	<39
delta-BHC		7,200,000		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Dieldrin	35			<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Endosulfan I		370,000		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Endosulfan II	nsi	nsi		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Endosulfan sulfate	nsi	nsi		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Endrin	2,100			<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Endrin aldehyde	nsi	nsi		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Endrin ketone	nsi	nsi		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
gamma-BHC (Lindane)		520		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
gamma-Chlordane	nsi	nsi		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Heptachlor	130			<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Heptachlor epoxide		53		<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Methoxychlor	340,000			<20	<2.0	<2.0	<4.0	<2.0	<20	<2.0
Toxaphene	460			<400	<40	<40	<80	<40	<400	<39

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

nsi = No appropriate screening level available

**TABLE 1. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE PESTICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-2-1.0	AV-21-0.5	AV-21-16.0	AV-21-2.5	AV-21-6.0	AV-2-2.5	AV-22-0.5
			Date	10/02/2008	10/01/2008	10/01/2008	10/01/2008	10/01/2008	10/02/2008	09/30/2008
			Depth (feet)	1.0	0.5	16.0	2.5	6.0	2.5	0.5
			Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDD		2,000		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
4,4'-DDE		1,400		<2.0	<b>89</b>	<2.0	<b>2.1</b>	<2.0	<2.0	<b>23</b>
4,4'-DDT		1,700		<2.0	<b>58</b>	<2.0	<2.0	<2.0	<2.0	<b>4.2</b>
Aldrin	33			<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
alpha-BHC		77		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
alpha-Chlordane		1,600		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
beta-BHC		270		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Chlordane (technical)	430			<39	<790	<40	<40	<40	<40	<40
delta-BHC		7,200,000		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Dieldrin	35			<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Endosulfan I		370,000		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Endosulfan II	nsI	nsI		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Endosulfan sulfate	nsI	nsI		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin	2,100			<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin aldehyde	nsI	nsI		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin ketone	nsI	nsI		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
gamma-BHC (Lindane)		520		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
gamma-Chlordane	nsI	nsI		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Heptachlor	130			<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Heptachlor epoxide		53		<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Methoxychlor	340,000			<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0
Toxaphene	460			<39	<790	<40	<40	<40	<40	<40

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

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from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

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**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-22-2.0	AV-23-0.5	AV-23-2.0	AV-24-0.5	AV-24-2.3	AV-2-5.0	AV-25-0.5
			Date	09/30/2008	10/01/2008	10/01/2008	10/01/2008	10/01/2008	10/02/2008	09/30/2008
			Depth (feet)	2.0	0.5	2.0	0.5	2.3	5.0	0.5
			Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDD		2,000		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
4,4'-DDE		1,400		<b>10</b>	<b>39</b>	<2.0	<b>48</b>	<b>10</b>	<2.0	<b>220</b>
4,4'-DDT		1,700		<b>2.6</b>	<b>25</b>	<2.0	<b>21</b>	<b>4.6</b>	<2.0	<b>59</b>
Aldrin	33			<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
alpha-BHC		77		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
alpha-Chlordane		1,600		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
beta-BHC		270		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
Chlordane (technical)	430			<40	<80	<40	<200	<40	<40	<800
delta-BHC		7,200,000		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
Dieldrin	35			<2.0	<4.0	<2.0	<10	<2.0	<2.0	<b>4.8</b>
Endosulfan I		370,000		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
Endosulfan II	nsi	nsi		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
Endosulfan sulfate	nsi	nsi		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
Endrin	2,100			<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
Endrin aldehyde	nsi	nsi		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
Endrin ketone	nsi	nsi		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
gamma-BHC (Lindane)		520		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
gamma-Chlordane	nsi	nsi		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
Heptachlor	130			<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
Heptachlor epoxide		53		<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
Methoxychlor	340,000			<2.0	<4.0	<2.0	<10	<2.0	<2.0	<40
Toxaphene	460			<40	<80	<40	<200	<40	<40	<800

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

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**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-25-2.0	AV-26-0.5	AV-26-2.0	AV-27-0.5	AV-27-15.5	AV-27-3.0	AV-27-5.5
			Date	09/30/2008	09/30/2008	09/30/2008	10/02/2008	10/02/2008	10/02/2008	10/02/2008
			Depth (feet)	2.0	0.5	2.0	0.5	15.5	3.0	5.5
			Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDD		2,000		<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
4,4'-DDE		1,400		<b>51</b>	<b>13</b>	<2.0	<b>47</b>	<2.0	<2.0	<2.0
4,4'-DDT		1,700		<b>12</b>	<b>11</b>	<2.0	<b>9.0</b>	<2.0	<2.0	<2.0
Aldrin	33			<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
alpha-BHC		77		<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
alpha-Chlordane		1,600		<10	<4.0	<2.0	<b>4.9</b>	<2.0	<2.0	<2.0
beta-BHC		270		<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
Chlordane (technical)	430			<200	<80	<40	<80	<40	<40	<40
delta-BHC		7,200,000		<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
Dieldrin	35			<10	<b>39</b>	<b>19</b>	<4.0	<2.0	<2.0	<2.0
Endosulfan I		370,000		<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
Endosulfan II	nsI	nsI		<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
Endosulfan sulfate	nsI	nsI		<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
Endrin	2,100			<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
Endrin aldehyde	nsI	nsI		<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
Endrin ketone	nsI	nsI		<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
gamma-BHC (Lindane)		520		<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
gamma-Chlordane	nsI	nsI		<10	<4.0	<2.0	<b>4.0</b>	<2.0	<2.0	<2.0
Heptachlor	130			<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
Heptachlor epoxide		53		<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
Methoxychlor	340,000			<10	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0
Toxaphene	460			<200	<80	<40	<80	<40	<40	<40

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

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**Santa Clara, California**

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Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-28-0.5	AV-28-2.0	AV-29-0.5	AV-29-2.0	AV-30-0.5	AV-30-2.0	AV-31-0.5
			Date	10/01/2008	10/01/2008	09/30/2008	09/30/2008	09/30/2008	09/30/2008	10/01/2008
			Depth (feet)	0.5	2.0	0.5	2.0	0.5	2.0	0.5
			Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDD		2,000		<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
4,4'-DDE		1,400		<b>4.7</b>	<2.0	<b>13</b>	<2.0	<b>2.5</b>	<2.0	<b>51</b>
4,4'-DDT		1,700		<b>7.3</b>	<b>2.3</b>	<b>6.2</b>	<2.0	<b>2.9</b>	<2.0	<b>16</b>
Aldrin	33			<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
alpha-BHC		77		<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
alpha-Chlordane		1,600		<b>9.9</b>	<b>3.6</b>	<2.0	<2.0	<b>4.8</b>	<2.0	<4.0
beta-BHC		270		<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Chlordane (technical)	430			<80	<40	<40	<40	<40	<40	<80
delta-BHC		7,200,000		<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Dieldrin	35			<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Endosulfan I		370,000		<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Endosulfan II	nsi	nsi		<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Endosulfan sulfate	nsi	nsi		<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Endrin	2,100			<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Endrin aldehyde	nsi	nsi		<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Endrin ketone	nsi	nsi		<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
gamma-BHC (Lindane)		520		<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
gamma-Chlordane	nsi	nsi		<b>4.5</b>	<2.0	<2.0	<2.0	<b>2.0</b>	<2.0	<4.0
Heptachlor	130			<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Heptachlor epoxide		53		<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Methoxychlor	340,000			<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Toxaphene	460			<80	<40	<40	<40	<40	<40	<80

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

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**Santa Clara, California**

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Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-31-2.3	AV-32-0.5	AV-32-2.0	AV-33-0.5	AV-33-2.8	AV-34-0.5	AV-34-16.0
			Date	10/01/2008	09/30/2008	09/30/2008	10/01/2008	10/01/2008	10/01/2008	10/01/2008
			Depth (feet)	2.3	0.5	2.0	0.5	2.8	0.5	16.0
			Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDD		2,000		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
4,4'-DDE		1,400		<2.0	<b>34</b>	<b>4.7</b>	<b>85</b>	<b>3.2</b>	<b>1100</b>	<b>11</b>
4,4'-DDT		1,700		<2.0	<b>23</b>	<b>3.0</b>	<b>31</b>	<2.0	<b>300</b>	<b>3.0</b>
Aldrin	33			<2.0	<10	<2.0	<10	<2.0	<200	<2.0
alpha-BHC		77		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
alpha-Chlordane		1,600		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
beta-BHC		270		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Chlordane (technical)	430			<40	<200	<40	<200	<40	<4000	<40
delta-BHC		7,200,000		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Dieldrin	35			<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Endosulfan I		370,000		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Endosulfan II	nsi	nsi		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Endosulfan sulfate	nsi	nsi		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Endrin	2,100			<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Endrin aldehyde	nsi	nsi		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Endrin ketone	nsi	nsi		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
gamma-BHC (Lindane)		520		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
gamma-Chlordane	nsi	nsi		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Heptachlor	130			<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Heptachlor epoxide		53		<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Methoxychlor	340,000			<2.0	<10	<2.0	<10	<2.0	<200	<2.0
Toxaphene	460			<40	<200	<40	<200	<40	<4000	<40

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

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**TABLE 1. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE PESTICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-34-2.5	AV-34-6.0	AV-35-0.5	AV-35-2.0	AV-36-0.5	AV-36-2.0	AV-37-0.5
			Date	10/01/2008	10/01/2008	09/30/2008	09/30/2008	09/30/2008	09/30/2008	09/30/2008
			Depth (feet)	2.5	6.0	0.5	2.0	0.5	2.0	0.5
			Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDD		2,000		<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
4,4'-DDE		1,400		<b>12</b>	<b>52</b>	<b>7.7</b>	<2.0	<b>29</b>	<2.0	<b>4.8</b>
4,4'-DDT		1,700		<b>3.1</b>	<b>15</b>	<b>4.5</b>	<2.0	<b>13</b>	<2.0	<b>4.2</b>
Aldrin	33			<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
alpha-BHC		77		<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
alpha-Chlordane		1,600		<2.0	<10	<b>6.6</b>	<2.0	<2.0	<2.0	<b>5.0</b>
beta-BHC		270		<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Chlordane (technical)	430			<40	<200	<40	<40	<40	<40	<40
delta-BHC		7,200,000		<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Dieldrin	35			<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Endosulfan I		370,000		<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Endosulfan II	nsi	nsi		<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Endosulfan sulfate	nsi	nsi		<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin	2,100			<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin aldehyde	nsi	nsi		<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin ketone	nsi	nsi		<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
gamma-BHC (Lindane)		520		<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
gamma-Chlordane	nsi	nsi		<2.0	<10	<b>3.5</b>	<2.0	<2.0	<2.0	<b>2.5</b>
Heptachlor	130			<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Heptachlor epoxide		53		<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Methoxychlor	340,000			<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Toxaphene	460			<40	<200	<40	<40	<40	<40	<40

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

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**TABLE 1. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE PESTICIDIES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-37-2.0	AV-38-1.0	AV-38-2.5	AV-39-0.5	AV-39-2.0	AV-40-0.5	AV-40-2.0
			Date	09/30/2008	10/02/2008	10/02/2008	09/30/2008	09/30/2008	09/30/2008	09/30/2008
			Depth (feet)	2.0	1.0	2.5	0.5	2.0	0.5	2.0
			Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDD		2,000		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
4,4'-DDE		1,400		<2.0	<b>4.6</b>	<2.0	<10	<2.0	<2.0	<2.0
4,4'-DDT		1,700		<2.0	<b>2.3</b>	<2.0	<10	<2.0	<2.0	<2.0
Aldrin	33			<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
alpha-BHC		77		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
alpha-Chlordane		1,600		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
beta-BHC		270		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
Chlordane (technical)	430			<40	<40	<40	<200	<40	<40	<40
delta-BHC		7,200,000		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
Dieldrin	35			<2.0	<b>18</b>	<b>3.2</b>	<10	<2.0	<2.0	<2.0
Endosulfan I		370,000		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
Endosulfan II	nsi	nsi		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
Endosulfan sulfate	nsi	nsi		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
Endrin	2,100			<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
Endrin aldehyde	nsi	nsi		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
Endrin ketone	nsi	nsi		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
gamma-BHC (Lindane)		520		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
gamma-Chlordane	nsi	nsi		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
Heptachlor	130			<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
Heptachlor epoxide		53		<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
Methoxychlor	340,000			<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0
Toxaphene	460			<40	<40	<40	<200	<40	<40	<40

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

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Environmental Protection Agency. April 2009.

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**TABLE 1. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE PESTICIDIES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-41-0.5	AV-41-2.0	AV-42-0.5	AV-42-2.0	AV-5-1.5	AV-5-16.0	AV-5-3.0
			Date	09/30/2008	09/30/2008	10/02/2008	10/02/2008	10/01/2008	10/01/2008	10/01/2008
			Depth (feet)	0.5	2.0	0.5	2.0	1.5	16.0	3.0
			Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDD		2,000		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4,4'-DDE		1,400		<b>11</b>	<2.0	<b>17</b>	<b>13</b>	<2.0	<2.0	<2.0
4,4'-DDT		1,700		<b>9.7</b>	<2.0	<b>5.2</b>	<b>5.0</b>	<2.0	<2.0	<2.0
Aldrin	33			<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
alpha-BHC		77		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
alpha-Chlordane		1,600		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
beta-BHC		270		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chlordane (technical)	430			<40	<40	<39	<40	<40	<40	<40
delta-BHC		7,200,000		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Dieldrin	35			<2.0	<2.0	<b>2.3</b>	<2.0	<2.0	<2.0	<2.0
Endosulfan I		370,000		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Endosulfan II	nsI	nsI		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Endosulfan sulfate	nsI	nsI		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin	2,100			<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin aldehyde	nsI	nsI		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin ketone	nsI	nsI		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
gamma-BHC (Lindane)		520		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
gamma-Chlordane	nsI	nsI		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Heptachlor	130			<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Heptachlor epoxide		53		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methoxychlor	340,000			<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Toxaphene	460			<40	<40	<39	<40	<40	<40	<40

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

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**TABLE 1. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE PESTICIDIES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-5-6.0	AV-6-0.5	AV-6-11.0	AV-6-16.0	AV-6-18.5	AV-6-2.5	AV-6-6.0
			Date	10/01/2008	10/02/2008	10/02/2008	10/02/2008	10/02/2008	10/02/2008	10/02/2008
			Depth (feet)	6.0	0.5	11.0	16.0	18.5	2.5	6.0
			Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDD		2,000		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4,4'-DDE		1,400		<2.0	<b>28</b>	<2.0	<2.0	<2.0	<b>6.7</b>	<2.0
4,4'-DDT		1,700		<2.0	<b>12</b>	<2.0	<2.0	<2.0	<b>3.6</b>	<2.0
Aldrin	33			<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
alpha-BHC		77		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
alpha-Chlordane		1,600		<2.0	<b>2.2</b>	<2.0	<2.0	<2.0	<2.0	<2.0
beta-BHC		270		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chlordane (technical)	430			<40	<39	<40	<40	<40	<39	<40
delta-BHC		7,200,000		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Dieldrin	35			<2.0	<b>28</b>	<2.0	<2.0	<2.0	<b>6.2</b>	<2.0
Endosulfan I		370,000		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Endosulfan II	nsI	nsI		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Endosulfan sulfate	nsI	nsI		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin	2,100			<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin aldehyde	nsI	nsI		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Endrin ketone	nsI	nsI		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
gamma-BHC (Lindane)		520		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
gamma-Chlordane	nsI	nsI		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Heptachlor	130			<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Heptachlor epoxide		53		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methoxychlor	340,000			<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Toxaphene	460			<40	<39	<40	<40	<40	<39	<40

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

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**TABLE 2. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOPHOSPHATE PESTICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-1-0.5	AV-1-16.1	AV-1-2.4	AV-19-1.0	AV-19-2.5	AV-20-1.0	AV-20-2.5	AV-2-1.0	AV-21-0.5	AV-21-	AV-21-2.5	AV-21-6.0	AV-2-2.5	AV-22-0.5
			Date	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08	10/01/08	10/01/08	10/01/08	10/01/08	10/02/08	09/30/08
			Depth (feet)	0.5	16.1	2.4	1	2.5	1	2.5	1	0.5	16	2.5	6	2.5	0.5
				ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/kg
Anilazine	nsi	nsi		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<40
Azinphos	nsi	nsi		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA
Azinphos-methyl		180		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<13
Bolstar	nsi	nsi		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<13
Chlorpyrifos		180		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20
Coumaphos	nsi	nsi		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<13
Demeton (total)		2.4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<39
Demeton-O	nsi	nsi		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<39
Demeton-S	nsi	nsi		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<15
Diazinon		43		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<22
Dichlorvos		1.7		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<23
Dimethoate		12		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<22
Disulfoton		2.4		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<48
EPN		0.61		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<13
Ethion		31		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
Ethoprop	nsi	nsi		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<15
Ethoprophos	nsi	nsi		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA
Ethyl parathion	nsi	nsi		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<18
Famphur	nsi	nsi		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<13
Fensulfotion	nsi	nsi		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25
Fenthion	nsi	nsi		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<33
Malathion		1,200		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<15
Merphos		1.8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<30
Methyl parathion		15		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20
Mevinphos	nsi	nsi		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<15
Naled		120		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<70
O,O,O-Triethyl phosphorothioate	nsi	nsi		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<39 R
Parathion		370		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
Phorate		12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<20
Ronnel		3,100		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<46
Sulfotepp		31		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20
Tetrachlorvinphos (Stirophos)		20		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<15
Thionazin	nsi	nsi		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<18
Tokuthion	nsi	nsi		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20
Trichloronate	nsi	nsi		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20

**Notes:**

Results are shown in micrograms per kilogram (ug/kg) and micrograms per gram (ug/g) as noted.

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

NA = Not analyzed

J = Result flagged during data validation. Result estimated

U = Result flagged during data validation. Result estimated

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nsi = No appropriate screening level available

**TABLE 2. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOPHOSPHATE PESTICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-22-2.0	AV-23-0.5	AV-23-2.0	AV-24-0.5	AV-24-2.3	AV-25-5.0	AV-25-0.5	AV-25-2.0	AV-26-0.5	AV-26-2.0	AV-27-0.5	AV-27-	AV-27-3.0	AV-27-5.5
			Date	09/30/08	10/01/08	10/01/08	10/01/08	10/01/08	10/02/08	09/30/08	09/30/08	09/30/08	09/30/08	10/02/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	2.0	0.5	2.0	0.5	2.3	5	0.5	2.0	0.5	2.0	0.5	15.5	3	5.5
ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	µg/g	ug/kg	ug/kg	ug/kg	ug/kg	µg/g	µg/g	µg/g	µg/g
Anilazine	nsi	nsi		<40	<40	<40	<40	<40	NA	<40	<40	<40 UJ	<40 UJ	NA	NA	NA	NA
Azinphos	nsi	nsi		NA	NA	NA	NA	NA	<2.5	NA	NA	NA	NA	<2.5	<2.5	<2.5	<2.5
Azinphos-methyl		180		<13	<13	<13	<13	<13	NA	<13	<13	<13 UJ	<13 UJ	NA	NA	NA	NA
Bolstar	nsi	nsi		<13	<13	<13	<13	<13	NA	<13	<13	<13	<13	NA	NA	NA	NA
Chlorpyrifos		180		<20	<20	<20	<20	<20	<0.50	<20	<20	<20	<20	<0.50	<0.50	<0.50	<0.50
Coumaphos	nsi	nsi		<13	<13	<13	<13	<13	<2.5	<13	<13	<13	<13	<2.5	<2.5	<2.5	<2.5
Demeton (total)		2.4		<39	<39	<39	<39	<39	NA	<39	<39	<39	<39	NA	NA	NA	NA
Demeton-O	nsi	nsi		<39	<39	<39	<39	<39	NA	<39	<39	<39	<39	NA	NA	NA	NA
Demeton-S	nsi	nsi		<15	<15	<15	<15	<15	<2.0	<15	<15	<15 UJ	<15 UJ	<2.0	<2.0	<2.0	<2.0
Diazinon		43		<22	<22	<22	<22	<22	<0.50	<22	<22	<22	<22	<0.50	<0.50	<0.50	<0.50
Dichlorvos		1.7		<23	<23	<23	<23	<23	<0.50	<23	<23	<23	<23	<0.50	<0.50	<0.50	<0.50
Dimethoate		12		<22	<22	<22	<22	<22	<2.0	<22	<22	<22	<22	<2.0	<2.0	<2.0	<2.0
Disulfoton		2.4		<48	<48	<48	<48	<48	<0.50	<48	<48	<48	<48	<0.50	<0.50	<0.50	<0.50
EPN		0.61		<13	<13	<13	<13	<13	NA	<13	<13	<13	<13	NA	NA	NA	NA
Ethion		31		NA	NA	NA	NA	NA	<0.50	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50
Ethoprop	nsi	nsi		<15	<15	<15	<15	<15	NA	<15	<15	<15	<15	NA	NA	NA	NA
Ethoprophos	nsi	nsi		NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0
Ethyl parathion	nsi	nsi		<18	<18	<18	<18	<18	NA	<18	<18	<18	<18	NA	NA	NA	NA
Famphur	nsi	nsi		<13	<13	<13	<13	<13	NA	<13	<13	<13	<13	NA	NA	NA	NA
Fensulfothion	nsi	nsi		<25	<25	<25	<25	<25	<1.0	<25	<25	<25	<25	<1.0	<1.0	<1.0	<1.0
Fenthion	nsi	nsi		<33	<33	<33	<33	<33	<0.50	<33	<33	<33	<33	<0.50	<0.50	<0.50	<0.50
Malathion		1,200		<15	<15	<15	<15	<15	<0.50	<15	<15	<15	<15	<0.50	<0.50	<0.50	<0.50
Merphos		1.8		<30	<30	<30	<30	<30	NA	<30	<30	<30	<30	NA	NA	NA	NA
Methyl parathion		15		<20	<20	<20	<20	<20	<0.50	<20	<20	<20	<20	<0.50	<0.50	<0.50	<0.50
Mevinphos	nsi	nsi		<15	<15	<15	<15	<15	<1.0	<15	<15	<15	<15	<1.0	<1.0	<1.0	<1.0
Naled		120		<70	<70	<70	<70	<70	NA	<70	<70	<70 UJ	<70 UJ	NA	NA	NA	NA
O,O,O-Triethyl phosphorothioate	nsi	nsi		<39 R	<39 R	<39 R	<39 R	<39 R	NA	<39 R	<39 R	<39	<39	NA	NA	NA	NA
Parathion		370		NA	NA	NA	NA	NA	<0.50	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50
Phorate		12		<20	<20	<20	<20	<20	<1.0	<20	<20	<20	<20	<1.0	<1.0	<1.0	<1.0
Ronnel		3,100		<46	<46	<46	<46	<46	<0.50	<46	<46	<46	<46	<0.50	<0.50	<0.50	<0.50
Sulfotepp		31		<20	<20	<20	<20	<20	NA	<20	<20	<20	<20	NA	NA	NA	NA
Tetrachlorvinphos (Stirophos)		20		<15	<15	<15	<15	<15	<0.50	<15	<15	<15 UJ	<15 UJ	<0.50	<0.50	<0.50	<0.50
Thionazin	nsi	nsi		<18	<18	<18	<18	<18	NA	<18	<18	<18	<18	NA	NA	NA	NA
Tokuthion	nsi	nsi		<20	<20	<20	<20	<20	NA	<20	<20	<20	<20	NA	NA	NA	NA
Trichloronate	nsi	nsi		<20	<20	<20	<20	<20	NA	<20	<20	<20	<20	NA	NA	NA	NA

**Notes:**

Results are shown in micrograms per kilogram (ug/kg) and micrograms per gram (ug/g) as noted.

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use. California Environmental Protection Agency. January 2005. (Unless where noted)

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Environmental Protection Agency. April 2009.

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**TABLE 2. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOPHOSPHATE PESTICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-28-0.5	AV-28-2.0	AV-29-0.5	AV-29-2.0	AV-30-0.5	AV-30-2.0	AV-31-0.5	AV-31-2.3	AV-32-0.5	AV-32-2.0	AV-33-0.5	AV-33-2.8	AV-34-0.5	AV-34-
			Date	10/01/08	10/01/08	09/30/08	09/30/08	09/30/08	09/30/08	10/01/08	10/01/08	09/30/08	09/30/08	10/01/08	10/01/08	10/01/08	10/01/08
			Depth (feet)	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.3	0.5	2.0	0.5	2.8	0.5	16
Anilazine	nsi	nsi		<40	<40	<40 UJ	<40 UJ	<40 UJ	<40 UJ	NA	NA	<40 UJ	<40 UJ	NA	NA	NA	NA
Azinphos	nsi	nsi		NA	NA	NA	NA	NA	NA	<2.5	<2.5	NA	NA	<2.5	<2.5	<2.5	<2.5
Azinphos-methyl		180		<13	<13	<13 UJ	<13 UJ	<13 UJ	<13 UJ	NA	NA	<13 UJ	<13 UJ	NA	NA	NA	NA
Bolstar	nsi	nsi		<13	<13	<13	<13	<13	<13	NA	NA	<13	<13	NA	NA	NA	NA
Chlorpyrifos		180		<20	<20	<20	<20	<20	<20	<0.50	<0.50	<20	<20	<0.50	<0.50	<0.50	<0.50
Coumaphos	nsi	nsi		<13	<13	<13	<13	<13	<13	<2.5	<2.5	<13	<13	<2.5	<2.5	<2.5	<2.5
Demeton (total)		2.4		<39	<39	<39	<39	<39	<39	NA	NA	<39	<39	NA	NA	NA	NA
Demeton-O	nsi	nsi		<39	<39	<39	<39	<39	<39	NA	NA	<39	<39	NA	NA	NA	NA
Demeton-S	nsi	nsi		<15	<15	<15 UJ	<15 UJ	<15 UJ	<15 UJ	<2.0	<2.0	<15 UJ	<15 UJ	<2.0	<2.0	<2.0	<2.0
Diazinon		43		<22	<22	<22	<22	<22	<22	<0.50	<0.50	<22	<22	<0.50	<0.50	<0.50	<0.50
Dichlorvos		1.7		<23	<23	<23	<23	<23	<23	<0.50	<0.50	<23	<23	<0.50	<0.50	<0.50	<0.50
Dimethoate		12		<22	<22	<22	<22	<22	<22	<2.0	<2.0	<22	<22	<2.0	<2.0	<2.0	<2.0
Disulfoton		2.4		<48	<48	<48	<48	<48	<48	<0.50	<0.50	<48	<48	<0.50	<0.50	<0.50	<0.50
EPN		0.61		<13	<13	<13	<13	<13	<13	NA	NA	<13	<13	NA	NA	NA	NA
Ethion		31		NA	NA	NA	NA	NA	NA	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50
Ethoprop	nsi	nsi		<15	<15	<15	<15	<15	<15	NA	NA	<15	<15	NA	NA	NA	NA
Ethoprophos	nsi	nsi		NA	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	<1.0
Ethyl parathion	nsi	nsi		<18	<18	<18	<18	<18	<18	NA	NA	<18	<18	NA	NA	NA	NA
Famphur	nsi	nsi		<13	<13	<13	<13	<13	<13	NA	NA	<13	<13	NA	NA	NA	NA
Fensulfotion	nsi	nsi		<25	<25	<25	<25	<25	<25	<1.0	<1.0	<25	<25	<1.0	<1.0	<1.0	<1.0
Fenthion	nsi	nsi		<33	<33	<33	<33	<33	<33	<0.50	<0.50	<33	<33	<0.50	<0.50	<0.50	<0.50
Malathion		1,200		<15	<15	<15	<15	<15	<15	<0.50	<0.50	<15	<15	<0.50	<0.50	<0.50	<0.50
Merphos		1.8		<30	<30	<30	<30	<30	<30	NA	NA	<30	<30	NA	NA	NA	NA
Methyl parathion		15		<20	<20	<20	<20	<20	<20	<0.50	<0.50	<20	<20	<0.50	<0.50	<0.50	<0.50
Mevinphos	nsi	nsi		<15	<15	<15	<15	<15	<15	<1.0	<1.0	<15	<15	<1.0	<1.0	<1.0	<1.0
Naled		120		<70	<70	<70 UJ	<70 UJ	<70 UJ	<70 UJ	NA	NA	<70 UJ	<70 UJ	NA	NA	NA	NA
O,O,O-Triethyl phosphorothioate	nsi	nsi		<39 R	<39 R	<39	<39	<39	<39	NA	NA	<39	<39	NA	NA	NA	NA
Parathion		370		NA	NA	NA	NA	NA	NA	<0.50	<0.50	NA	NA	<0.50	<0.50	<0.50	<0.50
Phorate		12		<20	<20	<20	<20	<20	<20	<1.0 UJ	<1.0	<20	<20	<1.0	<1.0	<1.0 UJ	<1.0
Ronnel		3,100		<46	<46	<46	<46	<46	<46	<0.50	<0.50	<46	<46	<0.50	<0.50	<0.50	<0.50
Sulfotepp		31		<20	<20	<20	<20	<20	<20	NA	NA	<20	<20	NA	NA	NA	NA
Tetrachlorvinphos (Stirophos)		20		<15	<15	<15 UJ	<15 UJ	<15 UJ	<15 UJ	<0.50	<0.50	<15 UJ	<15 UJ	<0.50	<0.50	<0.50	<0.50
Thionazin	nsi	nsi		<18	<18	<18	<18	<18	<18	NA	NA	<18	<18	NA	NA	NA	NA
Tokuthion	nsi	nsi		<20	<20	<20	<20	<20	<20	NA	NA	<20	<20	NA	NA	NA	NA
Trichloronate	nsi	nsi		<20	<20	<20	<20	<20	<20	NA	NA	<20	<20	NA	NA	NA	NA

**Notes:**

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**TABLE 2. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOPHOSPHATE PESTICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-34-2.5	AV-34-6.0	AV-35-0.5	AV-35-2.0	AV-36-0.5	AV-36-2.0	AV-37-0.5	AV-37-2.0	AV-38-1.0	AV-38-2.5	AV-39-0.5	AV-39-2.0	AV-40-0.5	AV-40-2.0
			Date	10/01/08	10/01/08	09/30/08	09/30/08	09/30/08	09/30/08	09/30/08	09/30/08	10/02/08	10/02/08	09/30/08	09/30/08	09/30/08	09/30/08
			Depth (feet)	2.5	6	0.5	2.0	0.5	2.0	0.5	2.0	1	2.5	0.5	2.0	0.5	2.0
Anilazine	nsi	nsi		NA	NA	<40 UJ	<40 UJ	<40 UJ	<40 UJ	<40 UJ	<40 UJ	NA	NA	<40 UJ	<40 UJ	<40 UJ	<40 UJ
Azinphos	nsi	nsi		<2.5	<2.5	NA	NA	NA	NA	NA	NA	<2.5 UJ	<2.5 UJ	NA	NA	NA	NA
Azinphos-methyl		180		NA	NA	<13 UJ	<13 UJ	<13 UJ	<13 UJ	<13 UJ	<13 UJ	NA	NA	<13 UJ	<13 UJ	<13 UJ	<13 UJ
Bolstar	nsi	nsi		NA	NA	<13	<13	<13	<13	<13	<13	NA	NA	<13	<13	<13	<13
Chlorpyrifos		180		<0.50	<0.50	<20	<20	<20	<20	<20	<20	<0.50 UJ	<0.50 UJ	<20	<20	<20	<20
Coumaphos	nsi	nsi		<2.5	<2.5	<13	<13	<13	<13	<13	<13	<2.5 UJ	<2.5 UJ	<13	<13	<13	<13
Demeton (total)		2.4		NA	NA	<39	<39	<39	<39	<39	<39	NA	NA	<39	<39	<39	<39
Demeton-O	nsi	nsi		NA	NA	<39	<39	<39	<39	<39	<39	NA	NA	<39	<39	<39	<39
Demeton-S	nsi	nsi		<2.0	<2.0	<15 UJ	<15 UJ	<15 UJ	<15 UJ	<15 UJ	<15 UJ	<2.0 UJ	<2.0 UJ	<15 UJ	<15 UJ	<15 UJ	<15 UJ
Diazinon		43		<0.50	<0.50	<22	<22	<22	<22	<22	<22	<0.50 UJ	<0.50 UJ	<22	<22	<22	<22
Dichlorvos		1.7		<0.50	<0.50	<23	<23	<23	<23	<23	<23	<0.50 UJ	<0.50 UJ	<23	<23	<23	<23
Dimethoate		12		<2.0	<2.0	<22	<22	<22	<22	<22	<22	<2.0 UJ	<2.0 UJ	<22	<22	<22	<22
Disulfoton		2.4		<0.50	<0.50	<48	<48	<48	<48	<48	<48	<0.50 UJ	<0.50 UJ	<48	<48	<48	<48
EPN		0.61		NA	NA	<13	<13	<13	<13	<13	<13	NA	NA	<13	<13	<13	<13
Ethion		31		<0.50	<0.50	NA	NA	NA	NA	NA	NA	<0.50 UJ	<0.50 UJ	NA	NA	NA	NA
Ethoprop	nsi	nsi		NA	NA	<15	<15	<15	<15	<15	<15	NA	NA	<15	<15	<15	<15
Ethoprophos	nsi	nsi		<1.0	<1.0	NA	NA	NA	NA	NA	NA	<1.0 UJ	<1.0 UJ	NA	NA	NA	NA
Ethyl parathion	nsi	nsi		NA	NA	<18	<18	<18	<18	<18	<18	NA	NA	<18	<18	<18	<18
Famphur	nsi	nsi		NA	NA	<13	<13	<13	<13	<13	<13	NA	NA	<13	<13	<13	<13
Fensulfotion	nsi	nsi		<1.0	<1.0	<25	<25	<25	<25	<25	<25	<1.0 UJ	<1.0 UJ	<25	<25	<25	<25
Fenthion	nsi	nsi		<0.50	<0.50	<33	<33	<33	<33	<33	<33	<0.50 UJ	<0.50 UJ	<33	<33	<33	<33
Malathion		1,200		<0.50	<0.50	<15	<15	<15	<15	<15	<15	<0.50 UJ	<0.50 UJ	<15	<15	<15	<15
Merphos		1.8		NA	NA	<30	<30	<30	<30	<30	<30	NA	NA	<30	<30	<30	<30
Methyl parathion		15		<0.50	<0.50	<20	<20	<20	<20	<20	<20	<0.50 UJ	<0.50 UJ	<20	<20	<20	<20
Mevinphos	nsi	nsi		<1.0	<1.0	<15	<15	<15	<15	<15	<15	<1.0 UJ	<1.0 UJ	<15	<15	<15	<15
Naled		120		NA	NA	<70 UJ	<70 UJ	<70 UJ	<70 UJ	<70 UJ	<70 UJ	NA	NA	<70 UJ	<70 UJ	<70 UJ	<70 UJ
O,O,O-Triethyl phosphorothioate	nsi	nsi		NA	NA	<39	<39	<39	<39	<39	<39	NA	NA	<39	<39	<39	<39
Parathion		370		<0.50	<0.50	NA	NA	NA	NA	NA	NA	<0.50 UJ	<0.50 UJ	NA	NA	NA	NA
Phorate		12		<1.0 UJ	<1.0	<20	<20	<20	<20	<20	<20	<1.0 UJ	<1.0 UJ	<20	<20	<20	<20
Ronnel		3,100		<0.50	<0.50	<46	<46	<46	<46	<46	<46	<0.50 UJ	<0.50 UJ	<46	<46	<46	<46
Sulfotepp		31		NA	NA	<20	<20	<20	<20	<20	<20	NA	NA	<20	<20	<20	<20
Tetrachlorvinphos (Stirophos)		20		<0.50	<0.50	<15 UJ	<15 UJ	<15 UJ	<15 UJ	<15 UJ	<15 UJ	<0.50 UJ	<0.50 UJ	<15 UJ	<15 UJ	<15 UJ	<15 UJ
Thionazin	nsi	nsi		NA	NA	<18	<18	<18	<18	<18	<18	NA	NA	<18	<18	<18	<18
Tokuthion	nsi	nsi		NA	NA	<20	<20	<20	<20	<20	<20	NA	NA	<20	<20	<20	<20
Trichloronate	nsi	nsi		NA	NA	<20	<20	<20	<20	<20	<20	NA	NA	<20	<20	<20	<20

**Notes:**

Results are shown in micrograms per kilogram (ug/kg) and micrograms per gram (ug/g) as noted.

Detections are shown in **BOLD**.

- [1] California Human Health Screening Levels (CHHSLs) for residential land use. California Environmental Protection Agency. January 2005. (Unless where noted)
- [2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

NA = Not analyzed

J = Result flagged during data validation. Result estimated

U = Result flagged during data validation. Result estimated

R = Result flagged during data validation. Result rejected

nsi = No appropriate screening level available



**TABLE 3. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE HERBICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-1-0.5	AV-1-16.1	AV-1-2.4	AV-19-1.0	AV-19-2.5	AV-20-1.0	AV-20-2.5	AV-2-1.0
			Date	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	0.5	16.1	2.4	1	2.5	1	2.5	1
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2,4,5-T	550,000			<20	<20	<20	<20 R	<20	<20	<20	<20
2,4,5-TP (Silvex)		6,100,000		<20	<20	<20	<20 R	<20	<20	<20	<20
2,4-D		690,000		<80	<80	<80	<80 R	<80	<80	<80	<80
2,4-DB		490,000		<80	<80	<80	<80 R	<80	<80	<80	<80
Dalapon		1,800,000		<40	<40	<40	<40 R	<40	<40	<40	<40
Dicamba		1,800,000		<40	<40	<40	<40 R	<40	<40	<40	<40
Dichlorprop	nsI	nsI		<80	<80	<80	<80 R	<80	<80	<80	<80
Dinoseb		61,000		<12 UJ	<12 UJ	<12 UJ	<12 R	<12	<12	<b>2.3 J</b>	<12
MCPA		31,000		<8000	<8000	<8000	<8000 R	<8000	<8000	<8000	<8000
MCP		61,000		<8000	<8000	<8000	<8000 R	<8000	<8000	<8000	<8000

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

J = Result flagged during data validation. Result estimated. Result is less than reporting limit

U = Result flagged during data validation. Result estimated

R = Result flagged during data validation. Result rejected. Surrogate recovery is outside stated control limits

nsI = No appropriate screening level available

**TABLE 3. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE HERBICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-21-0.5	AV-21-16.0	AV-21-2.5	AV-21-6.0	AV-2-2.5	AV-22-0.5	AV-22-2.0	AV-23-0.5
			Date	10/01/08	10/01/08	10/01/08	10/01/08	10/02/08	09/30/08	09/30/08	10/01/08
			Depth (feet)	0.5	16	2.5	6	2.5	0.5	2	0.5
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2,4,5-T	550,000			<20	<20	<20	<20	<20	<20	<20	<20
2,4,5-TP (Silvex)		6,100,000		<20	<20	<20	<20	<20	<20	<20	<20
2,4-D		690,000		<80	<80	<80	<80	<80	<80	<80	<80
2,4-DB		490,000		<b>33 J</b>	<80	<80	<80	<80	<80	<80	<b>30 J</b>
Dalapon		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dicamba		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dichlorprop	nsi	nsi		<80	<80	<80	<80	<80	<80	<80	<80
Dinoseb		61,000		<b>4.9 J</b>	<b>2.0 J</b>	<b>3.6 J</b>	<b>5.4 J</b>	<12	<b>3.7 J</b>	<b>3.8 J</b>	<b>27 J</b>
MCPA		31,000		<8000	<8000	<8000	<8000	<8000	<8000	<8000	<8000
MCP		61,000		<b>3000 J</b>	<b>2000 J</b>	<8000	<8000	<8000	<8000	<8000	<b>3200 J</b>

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

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U = Result flagged during data validation. Result estimated

R = Result flagged during data validation. Result rejected. Surrogate recovery is outside stated control limits

nsi = No appropriate screening level available

**TABLE 3. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE HERBICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-23-2.0	AV-24-0.5	AV-24-2.3	AV-2-5.0	AV-25-0.5	AV-25-2.0	AV-26-0.5	AV-26-2.0
			Date	10/01/08	10/01/08	10/01/08	10/02/08	09/30/08	09/30/08	09/30/08	09/30/08
			Depth (feet)	2	0.5	2.3	5	0.5	2	0.5	2
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2,4,5-T	550,000			<20	<20	<20	<20	<20	<20	<20	<20
2,4,5-TP (Silvex)		6,100,000		<20	<20	<20	<20	<20	<20	<20	<20
2,4-D		690,000		<80	<80	<80	<80	<80	<80	<80	<80
2,4-DB		490,000		<80	<b>42 J</b>	<80	<80	<b>20 J</b>	<b>20 J</b>	<80	<80
Dalapon		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dicamba		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dichlorprop	nsi	nsi		<80	<80	<80	<80	<80	<80	<80	<80
Dinoseb		61,000		<b>4.4 J</b>	<b>3.8 J</b>	<b>4.4 J</b>	<12	<b>9.4 J</b>	<b>4.8 J</b>	<12	<12
MCPA		31,000		<8000	<8000	<8000	<8000	<8000	<8000	<8000	<8000
MCP		61,000		<8000	<b>6000 J</b>	<8000	<8000	<8000	<8000	<8000	<8000

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

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nsi = No appropriate screening level available

**TABLE 3. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE HERBICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-27-0.5	AV-27-15.5	AV-27-3.0	AV-27-5.5	AV-28-0.5	AV-28-2.0	AV-29-0.5	AV-29-2.0
			Date	10/02/08	10/02/08	10/02/08	10/02/08	10/01/08	10/01/08	09/30/08	09/30/08
			Depth (feet)	0.5	15.5	3	5.5	0.5	2	0.5	2
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2,4,5-T	550,000			<20	<20	<20	<20	<20	<20	<20	<20
2,4,5-TP (Silvex)		6,100,000		<20	<20	<20	<20	<20	<20	<20	<20
2,4-D		690,000		<80	<80	<80	<80	<80	<80	<80	<80
2,4-DB		490,000		<80	<80	<80	<80	<80	<80	<80	<80
Dalapon		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dicamba		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dichlorprop	nsI	nsI		<80	<80	<80	<80	<80	<80	<80	<80
Dinoseb		61,000		<12	<12	<12	<12	<12 UJ	<12 UJ	<12	<12
MCPA		31,000		<8000	<8000	<8000	<8000	<8000	<8000	<8000	<8000
MCP		61,000		<8000	<8000	<8000	<8000	<b>3200 J</b>	<8000	<8000	<8000

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

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J = Result flagged during data validation. Result estimated. Result is less than reporting limit

U = Result flagged during data validation. Result estimated

R = Result flagged during data validation. Result rejected. Surrogate recovery is outside stated control limits

nsI = No appropriate screening level available



**TABLE 3. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE HERBICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-30-0.5	AV-30-2.0	AV-31-0.5	AV-31-2.3	AV-32-0.5	AV-32-2.0	AV-33-0.5	AV-33-2.8
			Date	09/30/08	09/30/08	10/01/08	10/01/08	09/30/08	09/30/08	10/01/08	10/01/08
			Depth (feet)	0.5	2	0.5	2.3	0.5	2	0.5	2.8
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2,4,5-T	550,000			<20	<20	<20	<20	<20	<20	<20	<20
2,4,5-TP (Silvex)		6,100,000		<20	<20	<20	<20	<20	<20	<20	<20
2,4-D		690,000		<80	<80	<80	<80	<80	<80	<80	<80
2,4-DB		490,000		<80	<80	<80	<80	<80	<80	<b>23 J</b>	<80
Dalapon		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dicamba		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dichlorprop	nsi	nsi		<80	<80	<80	<80	<80	<80	<80	<80
Dinoseb		61,000		<12	<12	<12 UJ	<12 UJ	<b>3.6 J</b>	<12 UJ	<b>4.0 J</b>	<b>2.5 J</b>
MCPA		31,000		<8000	<8000	<8000	<8000	<8000	<8000	<8000	<8000
MCP		61,000		<b>2200 J</b>	<8000	<8000	<8000	<8000	<8000	<8000	<b>2700 J</b>

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

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U = Result flagged during data validation. Result estimated

R = Result flagged during data validation. Result rejected. Surrogate recovery is outside stated control limits

nsi = No appropriate screening level available

**TABLE 3. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE HERBICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-34-0.5	AV-34-16.0	AV-34-2.5	AV-34-6.0	AV-35-0.5	AV-35-2.0	AV-36-0.5	AV-36-2.0
			Date	10/01/08	10/01/08	10/01/08	10/01/08	09/30/08	09/30/08	09/30/08	09/30/08
			Depth (feet)	0.5	16	2.5	6	0.5	2	0.5	2
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2,4,5-T	550,000			<20	<20	<20	<20	<20	<20	<20	<20
2,4,5-TP (Silvex)		6,100,000		<20	<20	<20	<20	<20	<20	<20	<20
2,4-D		690,000		<80	<80	<80	<80	<80	<80	<80	<80
2,4-DB		490,000		<80	<80	<80	<80	<80	<80	<b>16 J</b>	<80
Dalapon		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dicamba		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dichlorprop	nsI	nsI		<80	<80	<80	<80	<80	<80	<80	<80
Dinoseb		61,000		<b>5.2 J</b>	<12	<12	<12	<12	<12	<b>19</b>	<12
MCPA		31,000		<8000	<8000	<8000	<8000	<8000	<8000	<8000	<8000
MCP		61,000		<b>2900 J</b>	<8000	<8000	<8000	<8000	<8000	<b>2300 J</b>	<8000

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

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**TABLE 3. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE HERBICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-37-0.5	AV-37-2.0	AV-38-1.0	AV-38-2.5	AV-39-0.5	AV-39-2.0	AV-40-0.5	AV-40-2.0
			Date	09/30/08	09/30/08	10/02/08	10/02/08	09/30/08	09/30/08	09/30/08	09/30/08
			Depth (feet)	0.5	2	1	2.5	0.5	2	0.5	2
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2,4,5-T	550,000			<20	<20	<20	<20	<20	<20	<20	<20
2,4,5-TP (Silvex)		6,100,000		<20	<20	<20	<20	<20	<20	<20	<20
2,4-D		690,000		<80	<80	<80	<80	<80	<80	<80	<80
2,4-DB		490,000		<80	<80	<80	<80	<80	<80	<80	<80
Dalapon		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dicamba		1,800,000		<40	<40	<40	<40	<40	<40	<40	<40
Dichlorprop	nsi	nsi		<80	<80	<80	<80	<80	<80	<80	<80
Dinoseb		61,000		<b>3.7 J</b>	<12	<b>2.6 J</b>	<12	<b>3.8 J</b>	<12 UJ	<b>6.7 J</b>	<12 UJ
MCPA		31,000		<8000	<8000	<8000	<8000	<8000	<8000	<8000	<8000
MCPP		61,000		<b>2600 J</b>	<8000	<8000	<8000	<8000	<8000	<8000	<8000

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

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Environmental Protection Agency. April 2009.

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U = Result flagged during data validation. Result estimated

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nsi = No appropriate screening level available

**TABLE 3. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE HERBICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-41-0.5	AV-41-2.0	AV-42-0.5	AV-42-2.0	AV-5-1.5	AV-5-16.0	AV-5-3.0	AV-5-6.0
			Date	09/30/08	09/30/08	10/02/08	10/02/08	10/01/08	10/01/08	10/01/08	10/01/08
			Depth (feet)	0.5	2	0.5	2	1.5	16	3	6
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2,4,5-T	550,000			<20	<20	<20 R	<20	<20	<20	<20	<20
2,4,5-TP (Silvex)		6,100,000		<20	<20	<20 R	<20	<20	<20	<20	<20
2,4-D		690,000		<80	<80	<80 R	<80	<80	<80	<80	<80
2,4-DB		490,000		<80	<80	<80 R	<80	<80	<80	<b>17 J</b>	<80
Dalapon		1,800,000		<40	<40	<40 R	<40	<40	<40	<40	<40
Dicamba		1,800,000		<40	<40	<40 R	<40	<40	<40	<40	<40
Dichlorprop	nsi	nsi		<80	<80	<80 R	<80	<80	<80	<80	<80
Dinoseb		61,000		<b>2.8 J</b>	<12 UJ	<12 R	<12	<12 UJ	<12 UJ	<b>2.0 J</b>	<12 UJ
MCPA		31,000		<8000	<8000	<8000 R	<8000	<8000	<8000	<8000	<8000
MCP		61,000		<8000	<8000	<8000 R	<8000	<8000	<8000	<b>2000 J</b>	<8000

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

J = Result flagged during data validation. Result estimated. Result is less than reporting limit

U = Result flagged during data validation. Result estimated

R = Result flagged during data validation. Result rejected. Surrogate recovery is outside stated control limits

nsi = No appropriate screening level available

**TABLE 3. SUMMARY OF SOIL SAMPLING RESULTS - ORGANOCHLORINE HERBICIDES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-6-0.5	AV-6-11.0	AV-6-16.0	AV-6-18.5	AV-6-2.5	AV-6-6.0
			Date	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	0.5	11	16	18.5	2.5	6
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2,4,5-T	550,000			<20	<20	<20	<20	<20	<20
2,4,5-TP (Silvex)		6,100,000		<20	<20	<20	<20	<20	<20
2,4-D		690,000		<80	<80	<80	<80	<80	<80
2,4-DB		490,000		<80	<80	<80	<80	<80	<80
Dalapon		1,800,000		<40	<40	<40	<40	<40	<40
Dicamba		1,800,000		<40	<40	<40	<40	<40	<40
Dichlorprop	nsi	nsi		<80	<80	<80	<80	<80	<80
Dinoseb		61,000		<12	<b>3.8 J</b>	<12	<12	<12	<12
MCPA		31,000		<8000	<8000	<8000	<8000	<8000	<8000
MCP		61,000		<8000	<8000	<8000	<8000	<8000	<8000

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

J = Result flagged during data validation. Result estimated. Result is less than reporting limit

U = Result flagged during data validation. Result estimated

R = Result flagged during data validation. Result rejected. Surrogate recovery is outside stated control limits

nsi = No appropriate screening level available

**TABLE 4. SUMMARY OF SOIL SAMPLING RESULTS - TRIAZINES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-1-0.5	AV-1-16.1	AV-1-2.4	AV-19-1.0	AV-19-2.5	AV-20-1.0	AV-20-2.5	AV-2-1.0	AV-21-0.5
			Date	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08	10/01/08
			Depth (feet)	0.5	16.1	2.4	1	2.5	1	2.5	1	0.5
				µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
Ametryn		550		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Atraton	nsi	nsi		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Atrazine		2.1		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Prometon		920		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Prometryn		240		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Propazine		1,200		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Simazine		4		<1.0	<1.0	<1.0	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
Simetryn	nsi	nsi		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Terbutryn		61		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

J = Result flagged during data validation. Result estimated

U = Result flagged during data validation. Result estimated

nsi = No appropriate screening level available

**TABLE 4. SUMMARY OF SOIL SAMPLING RESULTS - TRIAZINES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-21-	AV-21-2.5	AV-21-6.0	AV-2-2.5	AV-2-5.0	AV-27-0.5	AV-27-15.5	AV-27-3.0	AV-27-5.5
			Date	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	16	2.5	6	2.5	5	0.5	15.5	3	5.5
				µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
Ametryn		550		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Atraton	nsi	nsi		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Atrazine		2.1		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Prometon		920		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Prometryn		240		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Propazine		1,200		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Simazine		4		<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0	<1.0	<1.0	<1.0
Simetryn	nsi	nsi		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Terbutryn		61		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

J = Result flagged during data validation. Result estimated

U = Result flagged during data validation. Result estimated

nsi = No appropriate screening level available

**TABLE 4. SUMMARY OF SOIL SAMPLING RESULTS - TRIAZINES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-31-0.5	AV-31-2.3	AV-33-0.5	AV-33-2.8	AV-34-0.5	AV-34-	AV-34-2.5	AV-34-6.0	AV-38-1.0	AV-38-2.5
			Date	10/01/08	10/01/08	10/01/08	10/01/08	10/01/08	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08
			Depth (feet)	0.5	2.3	0.5	2.8	0.5	16	2.5	6	1	2.5
				µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
Ametryn		550		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0 UJ
Atraton	nsi	nsi		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0 UJ
Atrazine		2.1		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0 UJ
Prometon		920		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0 UJ
Prometryn		240		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0 UJ
Propazine		1,200		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0 UJ
Simazine		4		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0 UJ	<1.0 UJ	<1.0 UJ
Simetryn	nsi	nsi		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0 UJ
Terbutryn		61		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0 UJ

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

J = Result flagged during data validation. Result estimated

U = Result flagged during data validation. Result estimated

nsi = No appropriate screening level available



**TABLE 4. SUMMARY OF SOIL SAMPLING RESULTS - TRIAZINES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-42-0.5	AV-42-2.0	AV-5-1.5	AV-5-16.0	AV-5-3.0	AV-5-6.0	AV-6-0.5	AV-6-11.0	AV-6-16.0	AV-6-18.5
			Date	10/02/08	10/02/08	10/01/08	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	0.5	2	1.5	16	3	6	0.5	11	16	18.5
				µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
Ametryn		550		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0
Atraton	nsi	nsi		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0
Atrazine		2.1		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0
Prometon		920		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0
Prometryn		240		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0
Propazine		1,200		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0
Simazine		4		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0
Simetryn	nsi	nsi		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0
Terbutryn		61		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0	<1.0

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

J = Result flagged during data validation. Result estimated

U = Result flagged during data validation. Result estimated

nsi = No appropriate screening level available

**TABLE 5. SUMMARY OF SOIL SAMPLING RESULTS - CARBAMATES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-1-0.5	AV-1-16.1	AV-1-2.4	AV-19-1.0	AV-19-2.5	AV-20-1.0	AV-20-2.5	AV-2-1.0
			Date	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	0.5	16.1	2.4	1	2.5	1	2.5	1
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Aldicarb		61,000		<50	<50	<50	<50	<50	<50	<50	<50
Aminocarb	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Carbaryl		6,100,000		<60	<60	<60	<60	<60	<60	<60	<60
Carbofuran		310,000		<50	<50	<50	<50	<50	<50	<50	<50
Chlorpropham		12,000,000		<50	<50	<50	<50	<50	<50	<50	<50
Diuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Fenuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Fluometuron		790,000		<50	<50	<50	<50	<50	<50	<50	<50
Linuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Methiocarb	nsi	nsi		<60	<60	<60	<60	<60	<60	<60	<60
Methomyl		150,000		<50	<50	<50	<50	<50	<50	<50	<50
Mexacarbate	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Monuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Neburon	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Oxamyl		1,500,000		<50	<50	<50	<50	<50	<50	<50	<50
Propham		1,200,000		<50	<50	<50	<50	<50	<50	<50	<50
Propoxur		240,000		<50	<50	<50	<50	<50	<50	<50	<50
Siduron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

J = Result flagged during data validation. Result estimated

U = Result flagged during data validation. Result estimated

nsi = No appropriate screening level available

**TABLE 5. SUMMARY OF SOIL SAMPLING RESULTS - CARBAMATES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-21-0.5	AV-21-	AV-21-2.5	AV-21-6.0	AV-2-2.5	AV-22-0.5	AV-22-2.0	AV-23-0.5
			Date	10/01/08	10/01/08	10/01/08	10/01/08	10/02/08	09/30/08	09/30/08	10/01/08
			Depth (feet)	0.5	16	2.5	6	2.5	0.5	2	0.5
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Aldicarb		61,000		<50	<50	<50	<50	<50	<50	<50	<50
Aminocarb	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Carbaryl		6,100,000		<60	<60	<60	<60	<60	<60 UJ	<60 UJ	<60 UJ
Carbofuran		310,000		<50	<50	<50	<50	<50	<50	<50	<50
Chlorpropham		12,000,000		<50	<50	<50	<50	<50	<50	<50	<50
Diuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Fenuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Fluometuron		790,000		<50	<50	<50	<50	<50	<50	<50	<50
Linuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Methiocarb	nsi	nsi		<60	<60	<60	<60	<60	<60	<60	<60
Methomyl		150,000		<50	<50	<50	<50	<50	<50 UJ	<50 UJ	<50 UJ
Mexacarbate	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Monuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Neburon	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Oxamyl		1,500,000		<50	<50	<50	<50	<50	<50 UJ	<50 UJ	<50 UJ
Propham		1,200,000		<50	<50	<50	<50	<50	<50	<50	<50
Propoxur		240,000		<50	<50	<50	<50	<50	<50	<50	<50
Siduron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

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U = Result flagged during data validation. Result estimated

nsi = No appropriate screening level available

**TABLE 5. SUMMARY OF SOIL SAMPLING RESULTS - CARBAMATES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-23-2.0	AV-24-0.5	AV-24-2.3	AV-2-5.0	AV-25-0.5	AV-25-2.0	AV-26-0.5	AV-26-2.0
			Date	10/01/08	10/01/08	10/01/08	10/02/08	09/30/08	09/30/08	09/30/08	09/30/08
			Depth (feet)	2	0.5	2.3	5	0.5	2	0.5	2
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Aldicarb		61,000		<50	<50	<50	<50	<50	<50	<50	<50
Aminocarb	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Carbaryl		6,100,000		<60 UJ	<60	<60	<60	<60 UJ	<60	<60 UJ	<60 UJ
Carbofuran		310,000		<50	<50	<50	<50	<50	<50	<50	<50
Chlorpropham		12,000,000		<50	<50	<50	<50	<50	<50	<50	<50
Diuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Fenuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Fluometuron		790,000		<50	<50	<50	<50	<50	<50	<50	<50
Linuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Methiocarb	nsi	nsi		<60	<60	<60	<60	<60	<60	<60	<60
Methomyl		150,000		<50 UJ	<50	<50	<50	<50 UJ	<50	<50 UJ	<50 UJ
Mexacarbate	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Monuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Neburon	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Oxamyl		1,500,000		<50 UJ	<50	<50	<50	<50 UJ	<50	<50 UJ	<50 UJ
Propham		1,200,000		<50	<50	<50	<50	<50	<50	<50	<50
Propoxur		240,000		<50	<50	<50	<50	<50	<50	<50	<50
Siduron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

J = Result flagged during data validation. Result estimated

U = Result flagged during data validation. Result estimated

nsi = No appropriate screening level available

**TABLE 5. SUMMARY OF SOIL SAMPLING RESULTS - CARBAMATES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-27-0.5	AV-27-	AV-27-3.0	AV-27-5.5	AV-28-0.5	AV-28-2.0	AV-29-0.5	AV-29-2.0
			Date	10/02/08	10/02/08	10/02/08	10/02/08	10/01/08	10/01/08	09/30/08	09/30/08
			Depth (feet)	0.5	15.5	3	5.5	0.5	2	0.5	2
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Aldicarb		61,000		<50	<50	<50	<50	<50	<50	<50	<50
Aminocarb	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Carbaryl		6,100,000		<60	<60	<60	<60	<60	<60 UJ	<60	<60 UJ
Carbofuran		310,000		<50	<50	<50	<50	<50	<50	<50	<50
Chlorpropham		12,000,000		<50	<50	<50	<50	<50	<50	<50	<50
Diuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Fenuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Fluometuron		790,000		<50	<50	<50	<50	<50	<50	<50	<50
Linuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Methiocarb	nsi	nsi		<60	<60	<60	<60	<60	<60	<60	<60
Methomyl		150,000		<50	<50	<50	<50	<50	<50 UJ	<50	<50 UJ
Mexacarbate	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Monuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Neburon	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Oxamyl		1,500,000		<50	<50	<50	<50	<50	<50 UJ	<50	<50 UJ
Propham		1,200,000		<50	<50	<50	<50	<50	<50	<50	<50
Propoxur		240,000		<50	<50	<50	<50	<50	<50	<50	<50
Siduron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

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Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

J = Result flagged during data validation. Result estimated

U = Result flagged during data validation. Result estimated

nsi = No appropriate screening level available

**TABLE 5. SUMMARY OF SOIL SAMPLING RESULTS - CARBAMATES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-30-0.5	AV-30-2.0	AV-31-0.5	AV-31-2.3	AV-32-0.5	AV-32-2.0	AV-33-0.5	AV-33-2.8
			Date	09/30/08	09/30/08	10/01/08	10/01/08	09/30/08	09/30/08	10/01/08	10/01/08
			Depth (feet)	0.5	2	0.5	2.3	0.5	2	0.5	2.8
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Aldicarb		61,000		<50	<50	<50	<50	<50	<50	<50	<50
Aminocarb	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Carbaryl		6,100,000		<60	<60	<60	<60	<60	<60	<60	<60
Carbofuran		310,000		<50	<50	<50	<50	<50	<50	<50	<50
Chlorpropham		12,000,000		<50	<50	<50	<50	<50	<50	<50	<50
Diuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Fenuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Fluometuron		790,000		<50	<50	<50	<50	<50	<50	<50	<50
Linuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Methiocarb	nsi	nsi		<60	<60	<60	<60	<60	<60	<60	<60
Methomyl		150,000		<50	<50	<50	<50	<50	<50	<50	<50
Mexacarbate	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Monuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Neburon	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Oxamyl		1,500,000		<50	<50	<50	<50	<50	<50	<50	<50
Propham		1,200,000		<50	<50	<50	<50	<50	<50	<50	<50
Propoxur		240,000		<50	<50	<50	<50	<50	<50	<50	<50
Siduron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

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Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

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U = Result flagged during data validation. Result estimated

nsi = No appropriate screening level available

**TABLE 5. SUMMARY OF SOIL SAMPLING RESULTS - CARBAMATES**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-34-0.5	AV-34-	AV-34-2.5	AV-34-6.0	AV-35-0.5	AV-35-2.0	AV-36-0.5	AV-36-2.0
			Date	10/01/08	10/01/08	10/01/08	10/01/08	09/30/08	09/30/08	09/30/08	09/30/08
			Depth (feet)	0.5	16	2.5	6	0.5	2	0.5	2
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Aldicarb		61,000		<50	<50	<50	<50	<50	<50	<50	<50
Aminocarb	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Carbaryl		6,100,000		<60	<60	<60	<60	<60 UJ	<60 UJ	<60	<60
Carbofuran		310,000		<50	<50	<50	<50	<50	<50	<50	<50
Chlorpropham		12,000,000		<50	<50	<50	<50	<50	<50	<50	<50
Diuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Fenuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Fluometuron		790,000		<50	<50	<50	<50	<50	<50	<50	<50
Linuron		120,000		<50	<50	<50	<50	<50	<50	<50	<50
Methiocarb	nsi	nsi		<60	<60	<60	<60	<60	<60	<60	<60
Methomyl		150,000		<50	<50	<50	<50	<50 UJ	<50 UJ	<50	<50
Mexacarbate	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Monuron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Neburon	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50
Oxamyl		1,500,000		<50	<50	<50	<50	<50 UJ	<50 UJ	<50	<50
Propham		1,200,000		<50	<50	<50	<50	<50	<50	<50	<50
Propoxur		240,000		<50	<50	<50	<50	<50	<50	<50	<50
Siduron	nsi	nsi		<50	<50	<50	<50	<50	<50	<50	<50

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

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Environmental Protection Agency. April 2009.

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**TABLE 6. SUMMARY OF SOIL SAMPLING RESULTS - DIQUAT AND PARAQUAT**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-1-0.5	AV-1-11.1	AV-1-2.4	AV-19-1.0	AV-19-2.5	AV-20-1.0	AV-20-2.5
			Date	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	0.5	11.1	2.4	1	2.5	1	2.5
				ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
Diquat		130		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Paraquat		270		<1.0	<1.0	<1.0	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

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**TABLE 6. SUMMARY OF SOIL SAMPLING RESULTS - DIQUAT AND PARAQUAT**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-2-1.0	AV-21-0.5	AV-21-2.5	AV-2-2.5	AV-22-0.5	AV-22-2.0	AV-23-0.5
			Date	10/02/08	10/01/08	10/01/08	10/02/08	09/30/08	09/30/08	10/01/08
			Depth (feet)	1	0.5	2.5	2.5	0.5	2	0.5
				µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
Diquat		130		<2.0	<b>6.4</b>	<2.0	<2.0	<2.0	<2.0	<b>3.4</b>
Paraquat		270		<1.0 UJ	<b>2.3</b>	<1.0 UJ	<1.0 UJ	<1.0	<1.0	<1.0

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

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**TABLE 6. SUMMARY OF SOIL SAMPLING RESULTS - DIQUAT AND PARAQUAT**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-23-2.0	AV-24-0.5	AV-24-2.3	AV-2-5.0	AV-25-0.5	AV-25-2.0	AV-26-0.5
			Date	10/01/08	10/01/08	10/01/08	10/02/08	09/30/08	09/30/08	09/30/08
			Depth (feet)	2	0.5	2.3	5	0.5	2	0.5
				µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
Diquat		130		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Paraquat		270		<1.0	<1.0	<1.0	<1.0 UJ	<1.0	<1.0	<1.0

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

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**TABLE 6. SUMMARY OF SOIL SAMPLING RESULTS - DIQUAT AND PARAQUAT**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-26-2.0	AV-27-0.5	AV-27-15.5	AV-27-3.0	AV-27-5.5	AV-28-0.5	AV-28-2.0
			Date	09/30/08	10/02/08	10/02/08	10/02/08	10/02/08	10/01/08	10/01/08
			Depth (feet)	2	0.5	15.5	3	5.5	0.5	2
				ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
Diquat		130		<2.0	<2.0	<2.0	<2.0	<2.0	<b>3.0</b>	<2.0
Paraquat		270		<1.0	<1.0	<1.0	<1.0	<1.0	<b>1.8</b>	<1.0

**Notes:**

Results are shown in micrograms per gram (ug/g).

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**TABLE 6. SUMMARY OF SOIL SAMPLING RESULTS - DIQUAT AND PARAQUAT**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-29-0.5	AV-29-2.0	AV-30-0.5	AV-30-2.0	AV-31-0.5	AV-31-2.3	AV-32-0.5
			Date	09/30/08	09/30/08	09/30/08	09/30/08	10/01/08	10/01/08	09/30/08
			Depth (feet)	0.5	2	0.5	2	0.5	2.3	0.5
				ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
Diquat		130		<b>2.7</b>	<2.0	<b>4.0</b>	<2.0	<2.0	<2.0	<b>3.1</b>
Paraquat		270		<b>1.6</b>	<1.0	<b>1.7</b>	<1.0	<1.0	<1.0	<1.0

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

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**TABLE 6. SUMMARY OF SOIL SAMPLING RESULTS - DIQUAT AND PARAQUAT**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-32-2.0	AV-33-0.5	AV-33-2.8	AV-34-0.5	AV-34-16.0	AV-34-2.5	AV-34-6.0
			Date	09/30/08	10/01/08	10/01/08	10/01/08	10/01/08	10/01/08	10/01/08
			Depth (feet)	2	0.5	2.8	0.5	16	2.5	6
				µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
Diquat		130		<2.0	<b>4.0</b>	<2.0	<2.0	<2.0	<2.0	<2.0
Paraquat		270		<1.0	<1.0	<1.0	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

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**TABLE 6. SUMMARY OF SOIL SAMPLING RESULTS - DIQUAT AND PARAQUAT**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-35-0.5	AV-35-2.0	AV-36-0.5	AV-36-2.0	AV-37-0.5	AV-37-2.0	AV-38-1.0
			Date	09/30/08	09/30/08	09/30/08	09/30/08	09/30/08	09/30/08	10/02/08
			Depth (feet)	0.5	2	0.5	2	0.5	2	1
				µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
Diquat		130		<2.0	<2.0	<b>2.2</b>	<2.0	<b>4.3</b>	<2.0	<2.0
Paraquat		270		<1.0	<1.0	<1.0	<1.0	<b>1.1</b>	<1.0	<1.0 UJ

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

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California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

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nsL = No appropriate screening level available

**TABLE 6. SUMMARY OF SOIL SAMPLING RESULTS - DIQUAT AND PARAQUAT**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-38-2.5	AV-39-0.5	AV-39-2.0	AV-40-0.5	AV-40-2.0	AV-41-0.5	AV-41-2.0
			Date	10/02/08	09/30/08	09/30/08	09/30/08	09/30/08	09/30/08	09/30/08
			Depth (feet)	2.5	0.5	2	0.5	2	0.5	2
				ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
Diquat		130		<2.0	<b>5.5</b>	<2.0	<2.0	<2.0	<b>7.2</b>	<2.0
Paraquat		270		<1.0 UJ	<b>1.2</b>	<1.0	<b>2.0</b>	<1.0	<b>3.7</b>	<1.0

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

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California Environmental Protection Agency. January 2005. (Unless where noted)

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nsI = No appropriate screening level available

**TABLE 6. SUMMARY OF SOIL SAMPLING RESULTS - DIQUAT AND PARAQUAT**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/g)	RSL <sup>[2]</sup> (ug/g)	Sample ID	AV-42-0.5	AV-42-2.0	AV-5-1.5	AV-5-3.0	AV-6-0.5	AV-6-2.5	AV-6-6.0
			Date	10/02/08	10/02/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	0.5	2	1.5	3	0.5	2.5	6
				µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
Diquat		130		<2.0	<2.0	<2.0	<2.0	<b>3.5</b>	<2.0	<2.0
Paraquat		270		<1.0	<1.0	<1.0	<1.0	<b>1.2</b>	<1.0	<1.0

**Notes:**

Results are shown in micrograms per gram (ug/g).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

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**TABLE 7. SUMMARY OF SOIL SAMPLING RESULTS - METALS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-1-0.5	AV-1-16.1	AV-1-2.4	AV-14-0.0	AV-15-0.0	AV-16-0.0	AV-17-0.0
			Date	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	0.5	16.1	2.4	0	0	0	0
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			<1.9	<2.0	<1.9	NA	NA	NA	NA
Arsenic	20 <sup>[3]</sup>			<b>12</b>	<b>2.8</b>	<0.97	NA	NA	NA	NA
Barium	5,200			<b>630</b>	<b>68</b>	<b>20</b>	NA	NA	NA	NA
Beryllium	150			<0.48	<0.51	<0.49	NA	NA	NA	NA
Cadmium	1.7			<b>0.49</b>	<0.51	<0.49	NA	NA	NA	NA
Chromium	10,000			<b>56</b>	<b>24</b>	<b>2.6</b>	NA	NA	NA	NA
Cobalt	660			<b>12</b>	<b>2.3</b>	<0.97	NA	NA	NA	NA
Copper	3,000			<b>23</b>	<b>32</b>	<0.97	NA	NA	NA	NA
Lead	150			<b>12</b>	<b>15</b>	<b>1.1</b>	<b>180</b>	<b>25</b>	<b>43</b>	<b>56</b>
Mercury	18			<b>0.24</b>	<b>0.36</b>	<0.053	NA	NA	NA	NA
Molybdenum	380			<0.96	<b>1.9</b>	<0.97	NA	NA	NA	NA
Nickel	1,600			<b>64</b>	<b>13</b>	<b>1.3</b>	NA	NA	NA	NA
Selenium	380			<1.9	<2.0	<1.9	NA	NA	NA	NA
Silver	380			<b>1.0</b>	<1.0	<0.97	NA	NA	NA	NA
Thallium	5.0			<0.96	<1.0	<0.97	NA	NA	NA	NA
Tin		47,000		<10	<10 U	<10 U	NA	NA	NA	NA
Vanadium	530			<b>34</b>	<b>13</b>	<b>2.2</b>	NA	NA	NA	NA
Zinc	23,000			<b>48</b>	<b>63</b>	<b>6.4</b>	NA	NA	NA	NA
pH				7.80 J	6.51 J	6.81 J	NA	NA	NA	NA

**Notes:**

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**TABLE 7. SUMMARY OF SOIL SAMPLING RESULTS - METALS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-19-1.0	AV-19-2.5	AV-20-1.0	AV-20-2.5	AV-2-1.0	AV-21-0.5	AV-21-16.0
			Date	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08	10/01/08	10/01/08
			Depth (feet)	1	2.5	1	2.5	1	0.5	16
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			NA	NA	NA	NA	NA	NA	NA
Arsenic	20 <sup>[3]</sup>			<b>15</b>	<b>4.7</b>	<b>14</b>	<b>5.5</b>	<b>5.0</b>	<b>19</b>	<b>5.1</b>
Barium	5,200			NA	NA	NA	NA	NA	NA	NA
Beryllium	150			NA	NA	NA	NA	NA	NA	NA
Cadmium	1.7			NA	NA	NA	NA	NA	NA	NA
Chromium	10,000			NA	NA	NA	NA	NA	NA	NA
Cobalt	660			NA	NA	NA	NA	NA	NA	NA
Copper	3,000			NA	NA	NA	NA	NA	<b>28</b>	<b>26</b>
Lead	150			NA	NA	NA	NA	NA	<b>20</b>	<b>6.9</b>
Mercury	18			NA	NA	NA	NA	NA	NA	NA
Molybdenum	380			NA	NA	NA	NA	NA	NA	NA
Nickel	1,600			NA	NA	NA	NA	NA	NA	NA
Selenium	380			NA	NA	NA	NA	NA	NA	NA
Silver	380			NA	NA	NA	NA	NA	NA	NA
Thallium	5.0			NA	NA	NA	NA	NA	NA	NA
Tin		47,000		<10 U	<10	<10	<10	<10	<10	<10
Vanadium	530			NA	NA	NA	NA	NA	NA	NA
Zinc	23,000			NA	NA	NA	NA	NA	NA	NA
pH				7.01 J	6.88 J	6.82 J	6.95 J	6.91 J	6.69 J	7.09 J

**Notes:**

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**TABLE 7. SUMMARY OF SOIL SAMPLING RESULTS - METALS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-21-2.5	AV-21-6.0	AV-2-2.5	AV-22-0.5	AV-22-2.0	AV-23-0.5	AV-23-2.0
			Date	10/01/08	10/01/08	10/02/08	09/30/08	09/30/08	10/01/08	10/01/08
			Depth (feet)	2.5	6	2.5	0.5	2	0.5	2
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			NA	NA	NA	NA	NA	NA	NA
Arsenic	20 <sup>[3]</sup>			<b>5.5</b>	<b>4.6</b>	<b>4.3</b>	<b>7.4</b>	<b>5.8</b>	<b>24</b>	<b>6.7</b>
Barium	5,200			NA	NA	NA	NA	NA	NA	NA
Beryllium	150			NA	NA	NA	NA	NA	NA	NA
Cadmium	1.7			NA	NA	NA	NA	NA	NA	NA
Chromium	10,000			NA	NA	NA	NA	NA	NA	NA
Cobalt	660			NA	NA	NA	NA	NA	NA	NA
Copper	3,000			<b>22</b>	<b>21</b>	NA	NA	NA	NA	NA
Lead	150			<b>7.3</b>	<b>6.7</b>	NA	NA	NA	NA	NA
Mercury	18			NA	NA	NA	NA	NA	NA	NA
Molybdenum	380			NA	NA	NA	NA	NA	NA	NA
Nickel	1,600			NA	NA	NA	NA	NA	NA	NA
Selenium	380			NA	NA	NA	NA	NA	NA	NA
Silver	380			NA	NA	NA	NA	NA	NA	NA
Thallium	5.0			NA	NA	NA	NA	NA	NA	NA
Tin		47,000		<10	<10	<10	<10	<10	<10	<10
Vanadium	530			NA	NA	NA	NA	NA	NA	NA
Zinc	23,000			NA	NA	NA	NA	NA	NA	NA
pH				7.06 J	7.90 J	7.06 J	7.13	6.72	6.73	7.28

**Notes:**

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**TABLE 7. SUMMARY OF SOIL SAMPLING RESULTS - METALS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-24-0.5	AV-24-2.3	AV-2-5.0	AV-25-0.5	AV-25-2.0	AV-26-0.5	AV-26-2.0
			Date	10/01/08	10/01/08	10/02/08	09/30/08	09/30/08	09/30/08	09/30/08
			Depth (feet)	0.5	2.3	5	0.5	2	0.5	2
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			NA	NA	NA	NA	NA	NA	NA
Arsenic	20 <sup>[3]</sup>			<b>11</b>	<b>6.1</b>	<b>4.5</b>	<b>14</b>	<b>8.9</b>	<b>13</b>	<b>6.8</b>
Barium	5,200			NA	NA	NA	NA	NA	NA	NA
Beryllium	150			NA	NA	NA	NA	NA	NA	NA
Cadmium	1.7			NA	NA	NA	NA	NA	NA	NA
Chromium	10,000			NA	NA	NA	NA	NA	NA	NA
Cobalt	660			NA	NA	NA	NA	NA	NA	NA
Copper	3,000			NA	NA	NA	<b>24</b>	<b>23</b>	NA	NA
Lead	150			NA	NA	NA	<b>21 J</b>	<b>12 J</b>	NA	NA
Mercury	18			NA	NA	NA	NA	NA	NA	NA
Molybdenum	380			NA	NA	NA	NA	NA	NA	NA
Nickel	1,600			NA	NA	NA	NA	NA	NA	NA
Selenium	380			NA	NA	NA	NA	NA	NA	NA
Silver	380			NA	NA	NA	NA	NA	NA	NA
Thallium	5.0			NA	NA	NA	NA	NA	NA	NA
Tin		47,000		<10	<10	<10	<10	<10	<10	<10
Vanadium	530			NA	NA	NA	NA	NA	NA	NA
Zinc	23,000			NA	NA	NA	NA	NA	NA	NA
pH				6.70	7.26	7.47 J	6.47	6.85	6.99	7.05

**Notes:**

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**TABLE 7. SUMMARY OF SOIL SAMPLING RESULTS - METALS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-27-0.5	AV-27-15.5	AV-27-3.0	AV-27-5.5	AV-28-0.5	AV-28-2.0	AV-29-0.5
			Date	10/02/08	10/02/08	10/02/08	10/02/08	10/01/08	10/01/08	09/30/08
			Depth (feet)	0.5	15.5	3	5.5	0.5	2	0.5
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			NA	NA	NA	NA	NA	NA	NA
Arsenic	20 <sup>[3]</sup>			<b>11</b>	<b>3.4</b>	<b>5.1</b>	<b>7.8</b>	<b>33</b>	<b>41</b>	<b>19</b>
Barium	5,200			NA	NA	NA	NA	NA	NA	NA
Beryllium	150			NA	NA	NA	NA	NA	NA	NA
Cadmium	1.7			NA	NA	NA	NA	NA	NA	NA
Chromium	10,000			NA	NA	NA	NA	NA	NA	NA
Cobalt	660			NA	NA	NA	NA	NA	NA	NA
Copper	3,000			NA	NA	NA	NA	NA	NA	NA
Lead	150			NA	NA	NA	NA	NA	NA	NA
Mercury	18			NA	NA	NA	NA	NA	NA	NA
Molybdenum	380			NA	NA	NA	NA	NA	NA	NA
Nickel	1,600			NA	NA	NA	NA	NA	NA	NA
Selenium	380			NA	NA	NA	NA	NA	NA	NA
Silver	380			NA	NA	NA	NA	NA	NA	NA
Thallium	5.0			NA	NA	NA	NA	NA	NA	NA
Tin		47,000		<10 U	<10 U	<10 U	<10 U	<10	<10	<10 U
Vanadium	530			NA	NA	NA	NA	NA	NA	NA
Zinc	23,000			NA	NA	NA	NA	NA	NA	NA
pH				7.37 J	7.78 J	6.62 J	7.80 J	6.58	6.48	6.96

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**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-29-2.0	AV-30-0.5	AV-30-2.0	AV-31-0.5	AV-31-2.3	AV-32-0.5	AV-32-2.0
			Date	09/30/08	09/30/08	09/30/08	10/01/08	10/01/08	09/30/08	09/30/08
			Depth (feet)	2	0.5	2	0.5	2.3	0.5	2
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			NA	NA	NA	NA	NA	NA	NA
Arsenic	20 <sup>[3]</sup>			<b>8.9</b>	<b>34</b>	<b>6.5</b>	<b>26</b>	<b>4.6</b>	<b>16</b>	<b>5.9</b>
Barium	5,200			NA	NA	NA	NA	NA	NA	NA
Beryllium	150			NA	NA	NA	NA	NA	NA	NA
Cadmium	1.7			NA	NA	NA	NA	NA	NA	NA
Chromium	10,000			NA	NA	NA	NA	NA	NA	NA
Cobalt	660			NA	NA	NA	NA	NA	NA	NA
Copper	3,000			NA	NA	NA	NA	NA	NA	NA
Lead	150			NA	NA	NA	NA	NA	NA	NA
Mercury	18			NA	NA	NA	NA	NA	NA	NA
Molybdenum	380			NA	NA	NA	NA	NA	NA	NA
Nickel	1,600			NA	NA	NA	NA	NA	NA	NA
Selenium	380			NA	NA	NA	NA	NA	NA	NA
Silver	380			NA	NA	NA	NA	NA	NA	NA
Thallium	5.0			NA	NA	NA	NA	NA	NA	NA
Tin		47,000		<10	<10 U	<10 U	<10	<10	<10 U	<10 U
Vanadium	530			NA	NA	NA	NA	NA	NA	NA
Zinc	23,000			NA	NA	NA	NA	NA	NA	NA
pH				7.15	7.33	7.19	6.66 J	6.96 J	6.68	6.90

**Notes:**

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**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-33-0.5	AV-33-2.8	AV-34-0.5	AV-34-16.0	AV-34-2.5	AV-34-6.0	AV-35-0.5
			Date	10/01/08	10/01/08	10/01/08	10/01/08	10/01/08	10/01/08	09/30/08
			Depth (feet)	0.5	2.8	0.5	16	2.5	6	0.5
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			NA	NA	NA	NA	NA	NA	NA
Arsenic	20 <sup>[3]</sup>			<b>20</b>	<b>5.5</b>	<b>13</b>	<b>5.6</b>	<b>5.8</b>	<b>5.3</b>	<b>11</b>
Barium	5,200			NA	NA	NA	NA	NA	NA	NA
Beryllium	150			NA	NA	NA	NA	NA	NA	NA
Cadmium	1.7			NA	NA	NA	NA	NA	NA	NA
Chromium	10,000			NA	NA	NA	NA	NA	NA	NA
Cobalt	660			NA	NA	NA	NA	NA	NA	NA
Copper	3,000			NA	NA	<b>36</b>	<b>25</b>	<b>25</b>	<b>24</b>	NA
Lead	150			NA	NA	<b>22</b>	<b>7.7</b>	<b>7.7</b>	<b>7.2</b>	NA
Mercury	18			NA	NA	NA	NA	NA	NA	NA
Molybdenum	380			NA	NA	NA	NA	NA	NA	NA
Nickel	1,600			NA	NA	NA	NA	NA	NA	NA
Selenium	380			NA	NA	NA	NA	NA	NA	NA
Silver	380			NA	NA	NA	NA	NA	NA	NA
Thallium	5.0			NA	NA	NA	NA	NA	NA	NA
Tin		47,000		<10	<10	<10	<10	<10	<10	<10
Vanadium	530			NA	NA	NA	NA	NA	NA	NA
Zinc	23,000			NA	NA	NA	NA	NA	NA	NA
pH				7.27 J	7.28 J	6.75 J	7.49 J	7.05 J	7.46 J	6.83

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**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-35-2.0	AV-36-0.5	AV-36-2.0	AV-37-0.5	AV-37-2.0	AV-38-1.0	AV-38-2.5
			Date	09/30/08	09/30/08	09/30/08	09/30/08	09/30/08	10/02/08	10/02/08
			Depth (feet)	2	0.5	2	0.5	2	1	2.5
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			NA	NA	NA	NA	NA	NA	NA
Arsenic	20 <sup>[3]</sup>			<b>5.4</b>	<b>19</b>	<b>5.7</b>	<b>14</b>	<b>4.8</b>	<b>6.1</b>	<b>5.1</b>
Barium	5,200			NA	NA	NA	NA	NA	NA	NA
Beryllium	150			NA	NA	NA	NA	NA	NA	NA
Cadmium	1.7			NA	NA	NA	NA	NA	NA	NA
Chromium	10,000			NA	NA	NA	NA	NA	NA	NA
Cobalt	660			NA	NA	NA	NA	NA	NA	NA
Copper	3,000			NA	NA	NA	NA	NA	NA	NA
Lead	150			NA	NA	NA	NA	NA	NA	NA
Mercury	18			NA	NA	NA	NA	NA	NA	NA
Molybdenum	380			NA	NA	NA	NA	NA	NA	NA
Nickel	1,600			NA	NA	NA	NA	NA	NA	NA
Selenium	380			NA	NA	NA	NA	NA	NA	NA
Silver	380			NA	NA	NA	NA	NA	NA	NA
Thallium	5.0			NA	NA	NA	NA	NA	NA	NA
Tin		47,000		<10	<10 U	<10 U	<10 U	<10 U	<10	<10
Vanadium	530			NA	NA	NA	NA	NA	NA	NA
Zinc	23,000			NA	NA	NA	NA	NA	NA	NA
pH				6.75	6.58	6.68	6.85	7.08	6.40 J	6.97 J

**Notes:**

Results are shown in milligrams per kilogram (mg/kg) except for pH results, which are shown in specific pH units.

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States Environmental Protection Agency. April 2009.

[3] Maximum background concentration at the site presented and discussed in the Removal Action Workplan (ENVIRON International Corporation, November 2007)

<XX = Compound not detected above the listed laboratory reporting limit

NA = Not analyzed

J = Result flagged during data validation. Result estimated.

U = Result flagged during data validation. Result estimated

nsI = No appropriate screening level available



**TABLE 7. SUMMARY OF SOIL SAMPLING RESULTS - METALS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-39-0.5	AV-39-2.0	AV-40-0.5	AV-40-2.0	AV-4-1.0	AV-4-10.5	AV-41-0.5
			Date	09/30/08	09/30/08	09/30/08	09/30/08	10/02/08	10/02/08	09/30/08
			Depth (feet)	0.5	2	0.5	2	1	10.5	0.5
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			NA	NA	NA	NA	<2.0	<2.0	NA
Arsenic	20 <sup>[3]</sup>			<b>9.2</b>	<b>4.2</b>	<b>19</b>	<b>5.0</b>	<b>30</b>	<b>3.3</b>	<b>32</b>
Barium	5,200			NA	NA	NA	NA	<b>110</b>	<b>83</b>	NA
Beryllium	150			NA	NA	NA	NA	<0.51	<0.50	NA
Cadmium	1.7			NA	NA	NA	NA	<0.51	<0.50	NA
Chromium	10,000			NA	NA	NA	NA	<b>32</b>	<b>40</b>	NA
Cobalt	660			NA	NA	NA	NA	<b>9.8</b>	<b>8.1</b>	NA
Copper	3,000			NA	NA	NA	NA	<b>22</b>	<b>21</b>	NA
Lead	150			NA	NA	NA	NA	<b>13</b>	<b>4.2</b>	NA
Mercury	18			NA	NA	NA	NA	<b>0.27</b>	<0.052	NA
Molybdenum	380			NA	NA	NA	NA	<1.0	<0.99	NA
Nickel	1,600			NA	NA	NA	NA	<b>46</b>	<b>49</b>	NA
Selenium	380			NA	NA	NA	NA	<2.0	<2.0	NA
Silver	380			NA	NA	NA	NA	<1.0	<0.99	NA
Thallium	5.0			NA	NA	NA	NA	<1.0	<0.99	NA
Tin		47,000		<10 U	<10 U	<10 U	<10 U	<10 U	<10	<10 U
Vanadium	530			NA	NA	NA	NA	<b>30</b>	<b>37</b>	NA
Zinc	23,000			NA	NA	NA	NA	<b>57</b>	<b>38</b>	NA
pH				7.22	7.44	6.98	7.14	NA	NA	6.71

**Notes:**

Results are shown in milligrams per kilogram (mg/kg) except for pH results, which are shown in specific pH units.

Detections are shown in **BOLD**.

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California Environmental Protection Agency. January 2005. (Unless where noted)

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nsL = No appropriate screening level available

**TABLE 7. SUMMARY OF SOIL SAMPLING RESULTS - METALS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-41-2.0	AV-4-2.5	AV-42-0.5	AV-42-2.0	AV-4-5.5	AV-5-1.5	AV-5-16.0
			Date	09/30/08	10/02/08	10/02/08	10/02/08	10/02/08	10/01/08	10/01/08
			Depth (feet)	2	2.5	0.5	2	5.5	1.5	16
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			NA	<2.0	NA	NA	<1.9	NA	NA
Arsenic	20 <sup>[3]</sup>			<b>4.4</b>	<b>4.7</b>	<b>6.9</b>	<b>5.6</b>	<b>3.8</b>	<b>5.2</b>	<b>3.6</b>
Barium	5,200			NA	<b>120</b>	NA	NA	<b>110</b>	NA	NA
Beryllium	150			NA	<0.50	NA	NA	<b>0.51</b>	NA	NA
Cadmium	1.7			NA	<0.50	NA	NA	<0.48	NA	NA
Chromium	10,000			NA	<b>42</b>	NA	NA	<b>32</b>	NA	NA
Cobalt	660			NA	<b>9.6</b>	NA	NA	<b>8.0</b>	NA	NA
Copper	3,000			NA	<b>21</b>	NA	NA	<b>20</b>	NA	NA
Lead	150			NA	<b>5.6</b>	NA	NA	<b>5.6</b>	NA	NA
Mercury	18			NA	<0.052	NA	NA	<0.049	NA	NA
Molybdenum	380			NA	<0.99	NA	NA	<0.95	NA	NA
Nickel	1,600			NA	<b>59</b>	NA	NA	<b>46</b>	NA	NA
Selenium	380			NA	<2.0	NA	NA	<1.9	NA	NA
Silver	380			NA	<0.99	NA	NA	<0.95	NA	NA
Thallium	5.0			NA	<0.99	NA	NA	<0.95	NA	NA
Tin		47,000		<10 U	<10	<10 U	<10 U	<10	<10	<10
Vanadium	530			NA	<b>35</b>	NA	NA	<b>32</b>	NA	NA
Zinc	23,000			NA	<b>50</b>	NA	NA	<b>40</b>	NA	NA
pH				7.24	NA	7.02 J	7.47 J	NA	7.57 J	7.57 J

**Notes:**

Results are shown in milligrams per kilogram (mg/kg) except for pH results, which are shown in specific pH units.

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**TABLE 7. SUMMARY OF SOIL SAMPLING RESULTS - METALS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-5-3.0	AV-5-6.0	AV-6-0.5	AV-6-11.0	AV-6-16.0	AV-6-18.5	AV-6-2.5	AV-6-6.0
			Date	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	3	6	0.5	11	16	18.5	2.5	6
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	20 <sup>[3]</sup>			<b>4.1</b>	<b>3.7</b>	<b>15</b>	<b>5.8</b>	<b>4.1</b>	<b>5.2</b>	<b>7.8</b>	<b>4.8</b>
Barium	5,200			NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	150			NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	1.7			NA	NA	NA	NA	NA	NA	NA	NA
Chromium	10,000			NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	660			NA	NA	NA	NA	NA	NA	NA	NA
Copper	3,000			NA	NA	NA	NA	NA	NA	NA	NA
Lead	150			NA	NA	NA	NA	NA	NA	NA	NA
Mercury	18			NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	380			NA	NA	NA	NA	NA	NA	NA	NA
Nickel	1,600			NA	NA	NA	NA	NA	NA	NA	NA
Selenium	380			NA	NA	NA	NA	NA	NA	NA	NA
Silver	380			NA	NA	NA	NA	NA	NA	NA	NA
Thallium	5.0			NA	NA	NA	NA	NA	NA	NA	NA
Tin		47,000		<10	<10	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Vanadium	530			NA	NA	NA	NA	NA	NA	NA	NA
Zinc	23,000			NA	NA	NA	NA	NA	NA	NA	NA
pH				7.19 J	7.99 J	11.8 J	7.38 J	7.48 J	7.27 J	7.24 J	7.62 J

**Notes:**

Results are shown in milligrams per kilogram (mg/kg) except for pH results, which are shown in specific pH units.

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States Environmental Protection Agency. April 2009.

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**TABLE 7. SUMMARY OF SOIL SAMPLING RESULTS - METALS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-8-0.5	AV-8-2.3	AV-8-6.0	AV-8-9.3
			Date	10/01/08	10/01/08	10/01/08	10/01/08
			Depth (feet)	0.5	2.3	6	9.3
				mg/kg	mg/kg	mg/kg	mg/kg
Antimony	30			NA	NA	NA	NA
Arsenic	20 <sup>[3]</sup>			<b>27</b>	<b>4.3</b>	<b>4.4</b>	<b>4.6</b>
Barium	5,200			NA	NA	NA	NA
Beryllium	150			NA	NA	NA	NA
Cadmium	1.7			NA	NA	NA	NA
Chromium	10,000			NA	NA	NA	NA
Cobalt	660			NA	NA	NA	NA
Copper	3,000			NA	NA	NA	NA
Lead	150			NA	NA	NA	NA
Mercury	18			NA	NA	NA	NA
Molybdenum	380			NA	NA	NA	NA
Nickel	1,600			NA	NA	NA	NA
Selenium	380			NA	NA	NA	NA
Silver	380			NA	NA	NA	NA
Thallium	5.0			NA	NA	NA	NA
Tin		47,000		<10 U	<10 U	<10 U	<10 U
Vanadium	530			NA	NA	NA	NA
Zinc	23,000			NA	NA	NA	NA
pH				NA	NA	NA	NA

**Notes:**

Results are shown in milligrams per kilogram (mg/kg) except for pH results, which are shown in specific pH units.

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

California Environmental Protection Agency. January 2005. (Unless where noted)

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**TABLE 8. SUMMARY OF SOIL SAMPLING RESULTS - PERCHLORATE**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

			<i>Sample ID</i>	<b>AV-1-0.5</b>	<b>AV-1-16.1</b>	<b>AV-1-2.4</b>	<b>AV-19-1.0</b>	<b>AV-19-2.5</b>	<b>AV-20-1.0</b>	<b>AV-20-2.5</b>
			<i>Date</i>	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08	10/02/08
			<i>Depth (feet)</i>	0.5	16.1	2.4	1.0	2.5	1.0	2.5
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
<b>Compounds</b>	<b>CHHSL<sup>[1]</sup> (ug/kg)</b>	<b>RSL<sup>[2]</sup> (ug/kg)</b>								
Perchlorate		55,000		<2.0	<2.0	<2.0	<2.0	<2.0	<b>1.0</b>	<2.0

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

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California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated

from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States

Environmental Protection Agency. April 2009.

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nsf = No appropriate screening level available

**TABLE 8. SUMMARY OF SOIL SAMPLING RESULTS - PERCHLORATE**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

			<i>Sample ID</i>	<b>AV-2-1.0</b>	<b>AV-2-2.5</b>	<b>AV-2-5.0</b>	<b>AV-7-0.5</b>	<b>AV-7-2.5</b>	<b>AV-7-4.5</b>
			<i>Date</i>	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08	10/02/08
			<i>Depth (feet)</i>	1.0	2.5	5.0	0.5	2.5	4.5
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
<b>Compounds</b>	<b>CHHSL<sup>[1]</sup> (ug/kg)</b>	<b>RSL<sup>[2]</sup> (ug/kg)</b>							
Perchlorate		55,000		<b>1.9</b>	<b>1.4</b>	<b>3.5</b>	<2.0	<2.0	<2.0

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

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California Environmental Protection Agency. January 2005. (Unless where noted)

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Environmental Protection Agency. April 2009.

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nsf = No appropriate screening level available

**TABLE 9. SUMMARY OF SOIL SAMPLING RESULTS - PETROLEUM HYDROCARBONS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (mg/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-1-0.5	AV-1-16.1	AV-1-2.4	AV-4-1.0	AV-4-10.5	AV-4-2.5
			Date	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	0.5	16.1	2.4	1	10.5	2.5
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Gasoline Range Organics (GRO)-C5-C12	nsi	nsi		<0.23	<0.22	<0.24	<0.25	<0.22	<0.22
Diesel Range Organics _C10-C28_	nsi	nsi		<b>89</b>	<b>9.8</b>	<0.99	<b>2.7</b>	<1.0	<0.99
Motor Oil Range Organics _C24-C36_	nsi	nsi		<b>440</b>	<49	<49	<50	<50	<49

**Notes:**

Results are shown in milligrams per kilogram (mg/kg).

Detections are shown in **BOLD**.

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**TABLE 9. SUMMARY OF SOIL SAMPLING RESULTS - PETROLEUM HYDROCARBONS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

		<b>AV-4-5.5</b>
		10/02/08
		5.5
<b>Compounds</b>	<b>CHHSL<sup>[1]</sup> (mg/kg)</b>	<b>mg/kg</b>
Gasoline Range Organics (GRO)-C5-C12	nsi	<0.20
Diesel Range Organics _C10-C28_	nsi	<0.99
Motor Oil Range Organics _C24-C36_	nsi	<50

**Notes:**

Results are shown in milligrams per kilogram (mg/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use.

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Update  
 Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

nsi = No appropriate screening level available



**TABLE 10. SUMMARY OF SOIL SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	Sample ID	AV-4-1.0	AV-4-10.5	AV-4-2.5	AV-4-5.5
		Date	10/02/08	10/02/08	10/02/08	10/02/08
		Depth (feet)	1	10.5	2.5	5.5
		RSL <sup>[2]</sup> (ug/kg)	ug/kg	ug/kg	ug/kg	ug/kg
1,1,1,2-Tetrachloroethane		2,000	<4.3	<4.8	<5.1	<4.4
1,1,1-Trichloroethane		9,000,000	<4.3	<4.8	<5.1	<4.4
1,1,2,2-Tetrachloroethane		590	<4.3	<4.8	<5.1	<4.4
1,1,2-Trichloro-1,2,2-trifluoroethane		43,000,000	<4.3	<4.8	<5.1	<4.4
1,1,2-Trichloroethane		1,100	<4.3	<4.8	<5.1	<4.4
1,1-Dichloroethane		3,400	<4.3	<4.8	<5.1	<4.4
1,1-Dichloroethene		250,000	<4.3	<4.8	<5.1	<4.4
1,1-Dichloropropene	nsl	nsl	<4.3	<4.8	<5.1	<4.4
1,2,3-Trichlorobenzene	nsl	nsl	<4.3	<4.8	<5.1	<4.4
1,2,3-Trichloropropane		91	<4.3	<4.8	<5.1	<4.4
1,2,4-Trichlorobenzene		87,000	<4.3	<4.8	<5.1	<4.4
1,2,4-Trimethylbenzene		67,000	<4.3	<4.8	<5.1	<4.4
1,2-Dibromo-3-Chloropropane		5.6	<43	<48	<51	<44
1,2-Dichlorobenzene		2,000,000	<4.3	<4.8	<5.1	<4.4
1,2-Dichloroethane		450	<4.3	<4.8	<5.1	<4.4
1,2-Dichloropropane		930	<4.3	<4.8	<5.1	<4.4
1,3,5-Trimethylbenzene		47,000	<4.3	<4.8	<5.1	<4.4
1,3-Dichlorobenzene	nsl	nsl	<4.3	<4.8	<5.1	<4.4
1,3-Dichloropropane		1,600,000	<4.3	<4.8	<5.1	<4.4
1,4-Dichlorobenzene		2,600	<4.3	<4.8	<5.1	<4.4
2,2-Dichloropropane	nsl	nsl	<4.3	<4.8	<5.1	<4.4
2-Butanone (MEK)		28,000,000	<43	<48	<51	<44
2-Chlorotoluene		1,600,000	<4.3	<4.8	<5.1	<4.4
2-Hexanone	nsl	nsl	<43	<48	<51	<44
4-Chlorotoluene		5,500,000	<4.3	<4.8	<5.1	<4.4
4-Isopropyltoluene	nsl	nsl	<4.3	<4.8	<5.1	<4.4
4-Methyl-2-pentanone (MIBK)		5,300,000	<43	<48	<51	<44
Acetone		61,000,000	<43	<48	<51	<44
Benzene		1,100	<4.3	<4.8	<5.1	<4.4
Bromobenzene		94,000	<4.3	<4.8	<5.1	<4.4
Bromoform		61,000	<4.3	<4.8	<5.1	<4.4

**TABLE 10. SUMMARY OF SOIL SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	Sample ID	AV-4-1.0	AV-4-10.5	AV-4-2.5	AV-4-5.5
		Date	10/02/08	10/02/08	10/02/08	10/02/08
		Depth (feet)	1	10.5	2.5	5.5
		RSL <sup>[2]</sup> (ug/kg)	ug/kg	ug/kg	ug/kg	ug/kg
Bromomethane		7,900	<8.7	<9.6	<10	<8.8
Carbon disulfide		670,000	<4.3	<4.8	<5.1	<4.4
Carbon tetrachloride		250	<4.3	<4.8	<5.1	<4.4
Chlorobenzene		310,000	<4.3	<4.8	<5.1	<4.4
Chlorobromomethane	nsi	nsi	<17	<19	<20	<18
Chlorodibromomethane		700	<4.3	<4.8	<5.1	<4.4
Chloroethane		15,000,000	<8.7	<9.6	<10	<8.8
Chloroform		300	<4.3	<4.8	<5.1	<4.4
Chloromethane		120,000	<8.7	<9.6	<10	<8.8
cis-1,2-Dichloroethene		780,000	<4.3	<4.8	<5.1	<4.4
cis-1,3-Dichloropropene		1,700	<4.3	<4.8	<5.1	<4.4
Dibromomethane		780,000	<8.7	<9.6	<10	<8.8
Dichlorobromomethane		280	<4.3	<4.8	<5.1	<4.4
Dichlorodifluoromethane		190,000	<8.7	<9.6	<10	<8.8
Ethylbenzene		5,700	<4.3	<4.8	<5.1	<4.4
Ethylene Dibromide		34	<4.3	<4.8	<5.1	<4.4
Hexachlorobutadiene		6,200	<4.3	<4.8	<5.1	<4.4
Isopropylbenzene		2,200,000	<4.3	<4.8	<5.1	<4.4
Methyl tert-butyl ether		39,000	<4.3	<4.8	<5.1	<4.4
Methylene Chloride		11,000	<8.7	<9.6	<10	<8.8
Naphthalene	nsi	nsi	<8.7	<9.6	<10	<8.8
n-Butylbenzene	nsi	nsi	<4.3	<4.8	<5.1	<4.4
N-Propylbenzene	nsi	nsi	<4.3	<4.8	<5.1	<4.4
sec-Butylbenzene	nsi	nsi	<4.3	<4.8	<5.1	<4.4
Styrene		6,500,000	<4.3	<4.8	<5.1	<4.4
tert-Butylbenzene	nsi	nsi	<4.3	<4.8	<5.1	<4.4
Tetrachloroethene		570	<4.3	<4.8	<5.1	<4.4
Toluene		5,000,000	<4.3	<4.8	<5.1	<4.4
trans-1,2-Dichloroethene		110,000	<4.3	<4.8	<5.1	<4.4
trans-1,3-Dichloropropene		1,700	<4.3	<4.8	<5.1	<4.4
Trichloroethene		2,800	<4.3	<4.8	<5.1	<4.4

**TABLE 10. SUMMARY OF SOIL SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-4-1.0	AV-4-10.5	AV-4-2.5	AV-4-5.5
			Date	10/02/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	1	10.5	2.5	5.5
				ug/kg	ug/kg	ug/kg	ug/kg
Trichlorofluoromethane		800,000		<4.3	<4.8	<5.1	<4.4
Vinyl acetate		990,000		<43	<48	<51	<44
Vinyl chloride		60		<4.3	<4.8	<5.1	<4.4
Xylenes, Total		600,000		<8.7	<9.6	<10	<8.8

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use. California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

nsf = No appropriate screening level available

**TABLE 11. SUMMARY OF SOIL SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS**  
**Former Bay Area Research Extension Center**  
**Santa Clara, California**

DRAFT

Compounds	CHHSL <sup>[1]</sup> (ug/kg)	RSL <sup>[2]</sup> (ug/kg)	Sample ID	AV-1-0.5	AV-1-16.1	AV-1-2.4	AV-4-1.0	AV-4-10.5	AV-4-2.5	AV-4-5.5
			Date	10/01/08	10/01/08	10/01/08	10/02/08	10/02/08	10/02/08	10/02/08
			Depth (feet)	0.5	16.1	2.4	1	10.5	2.5	5.5
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Acenaphthene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Acenaphthylene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Anthracene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Benzo_a_anthracene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Benzo_a_pyrene	38			<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Benzo_b_fluoranthene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Benzo_g,h,i_ptylene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Benzo_k_fluoranthene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Chrysene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Dibenz(a,h)anthracene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Fluoranthene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Fluorene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Indeno_1,2,3-cd_pyrene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Naphthalene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Phenanthrene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9
Pyrene	nsI	nsI		<99	<5.0	<4.9	<4.9	<5.0	<5.0	<4.9

**Notes:**

Results are shown in micrograms per kilogram (ug/kg).

Detections are shown in **BOLD**.

[1] California Human Health Screening Levels (CHHSLs) for residential land use. California Environmental Protection Agency. January 2005. (Unless where noted)

[2] USEPA Region 9 Regional Screening Levels (RSLs) for residential soil. Updated from USEPA Region 9 Preliminary Remediation Goals (PRGs). United States Environmental Protection Agency. April 2009.

<XX = Compound not detected above the listed laboratory reporting limit

nsI = No appropriate screening level available

**TABLE 12: SUMMARY OF DUST SAMPLE RESULTS**  
**Bay Area Research Extension Center**  
**Santa Clara, California**

**Total Mass in Sample**

Sample ID	Collection Date	Unit	Captafol	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dicofol	Dieldrin
L1 Joist	10/03/08	µg	<0.4	<0.2	<0.4	<0.4	<b>3</b>	<0.4	<0.4
L1 Composite	10/03/08	µg	<b>2</b>	<1	<b>10</b>	<b>10</b>	<b>58</b>	<b>2</b>	<2
L2 Composite	10/03/08	µg	<0.8	<0.4	<b>5</b>	<b>4</b>	<b>24</b>	<b>3</b>	<b>4</b>
L3 Composite	10/03/08	µg	<b>2</b>	<0.4	<b>5</b>	<0.8	<b>21</b>	<b>2</b>	<b>5</b>
L4 Composite	10/03/08	µg	<b>2</b>	<b>0.8</b>	<b>2</b>	<0.4	<b>9</b>	<b>7</b>	<0.4

**Mass Concentration in Sample**

Sample ID	Collection Date	Unit	Captafol	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dicofol	Dieldrin
L1 Joist	10/03/08	µg/g	<1	<0.6	<1	<1	<b>8</b>	<1	<1
L1 Composite	10/03/08	µg/g	<b>1</b>	<0.4	<b>5</b>	<b>3</b>	<b>25</b>	<b>1</b>	<0.9
L2 Composite	10/03/08	µg/g	<0.4	<0.2	<b>2</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>1</b>
L3 Composite	10/03/08	µg/g	<b>1</b>	<0.2	<b>2</b>	<0.4	<b>9</b>	<b>0.8</b>	<b>2</b>
L4 Composite	10/03/08	µg/g	<b>0.3</b>	<b>0.8</b>	<b>0.4</b>	<0.08	<b>0.9</b>	<b>1</b>	<0.08

**Notes:**

Results are shown in micrograms (ug) or micrograms per gram (ug/g) as noted.

Detections are shown in **BOLD**.

With the exception of "L1 Joist", samples are a composite of three 10cm X 10cm squares.

The top table presents total mass of each compound measured in the samples.

The bottom table presents mass concentration (mass compound/mass dust) of each compound in each sample.