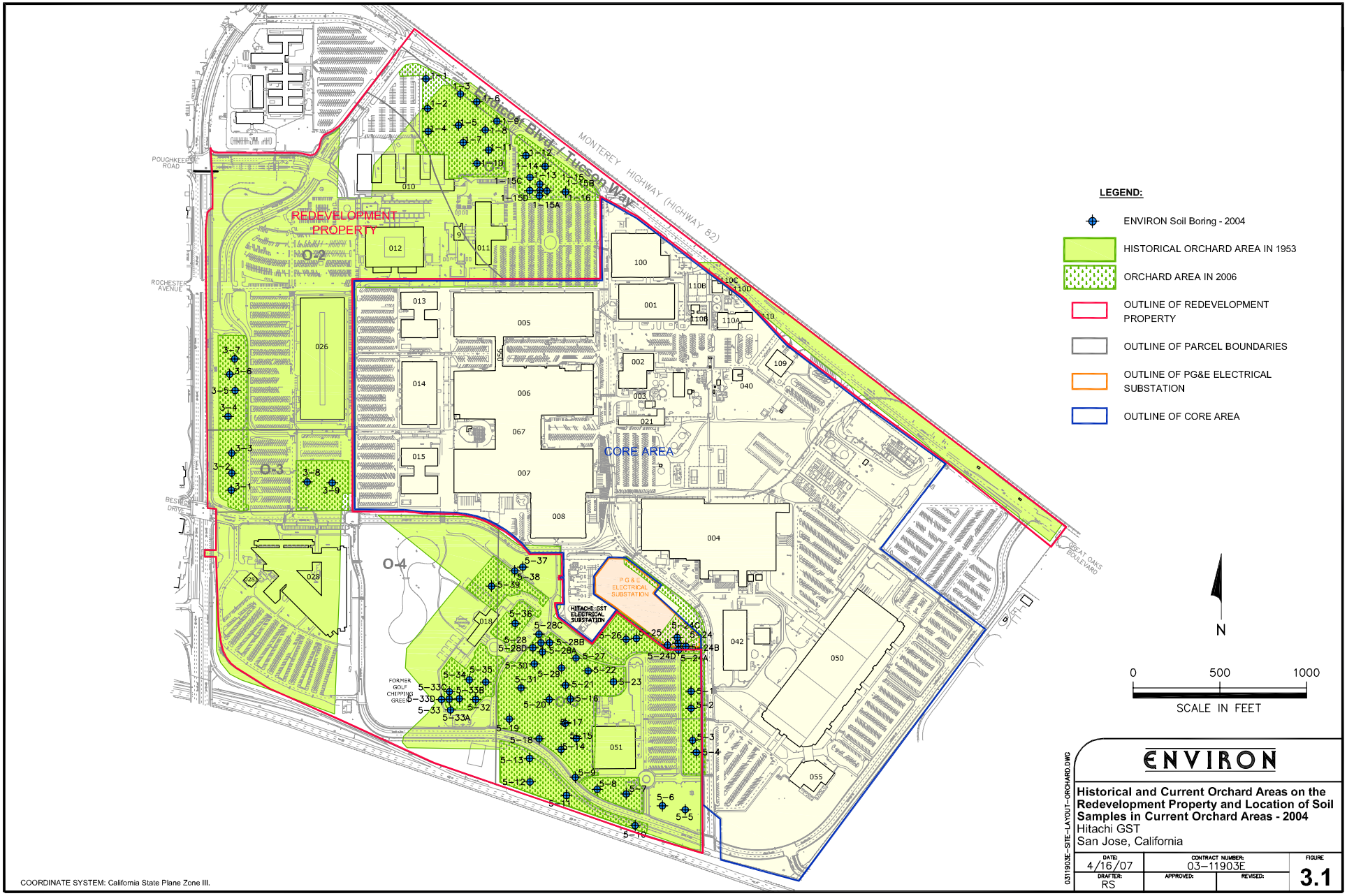


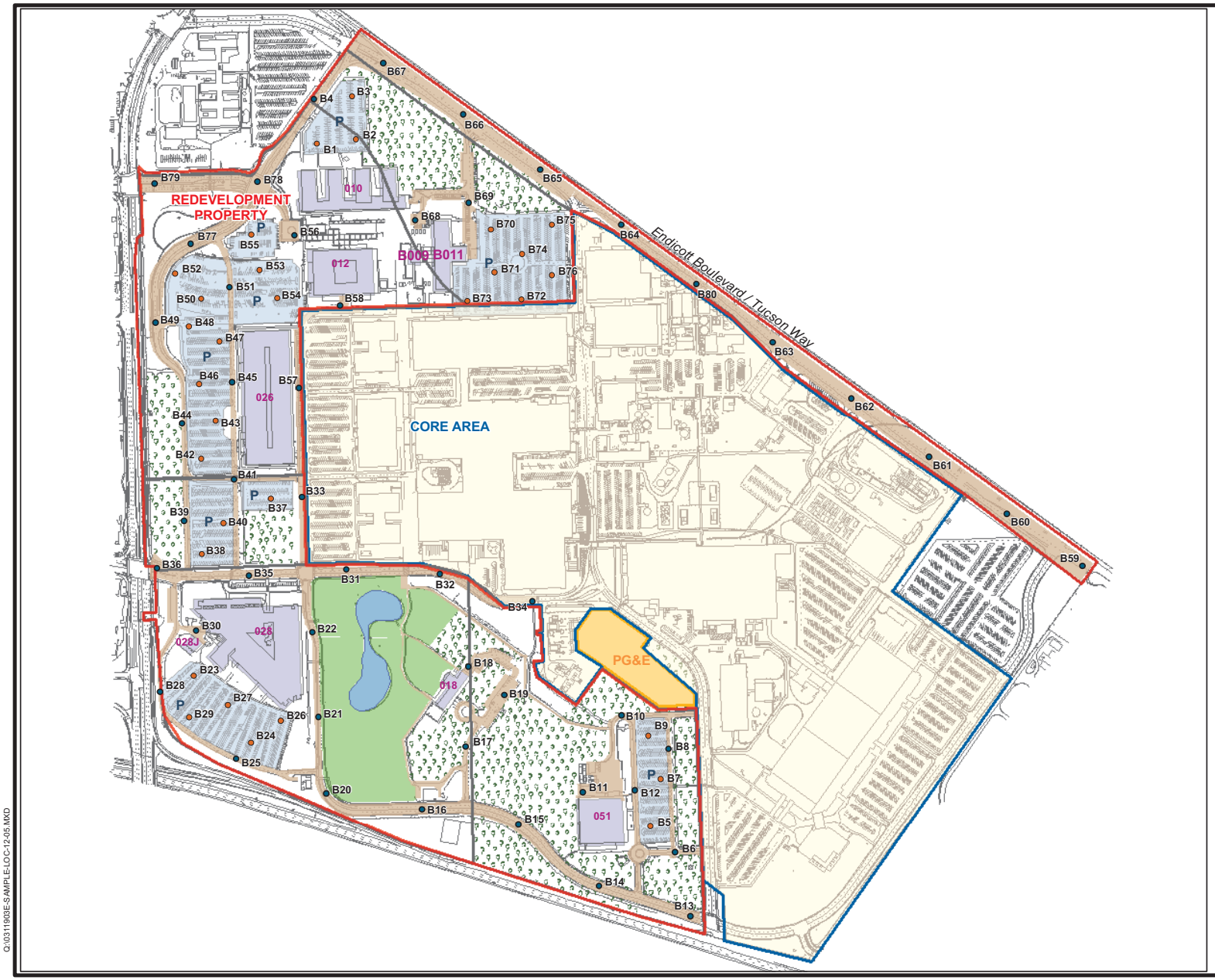
COORDINATE SYSTEM: California State Plane Zone III.

ENVIRON

Historical and Current Orchard Areas on the Redevelopment Property and Location of Soil Samples in Current Orchard Areas - 2004
Hitachi GST
San Jose, California

DATE:	CONTRACT NUMBER:		FIGURE
4/16/07	03-11903E		3.1
DRAFTER: RS	APPROVED:	REVISED:	

03119O3E-SITE-LAYOUT-ORCHARD.DWG



Q:\0311903E-SAMPLE-LOC-12-05.MXD

ENVIRON

Native Soil Sampling Locations beneath Roads and Parking Lots - October 2005
Hitachi GST
San Jose, California

Date:	Contract Number:		Figure
2/2/06	03-11903E		4.1
Drafter: RS	Approved:	Revised:	

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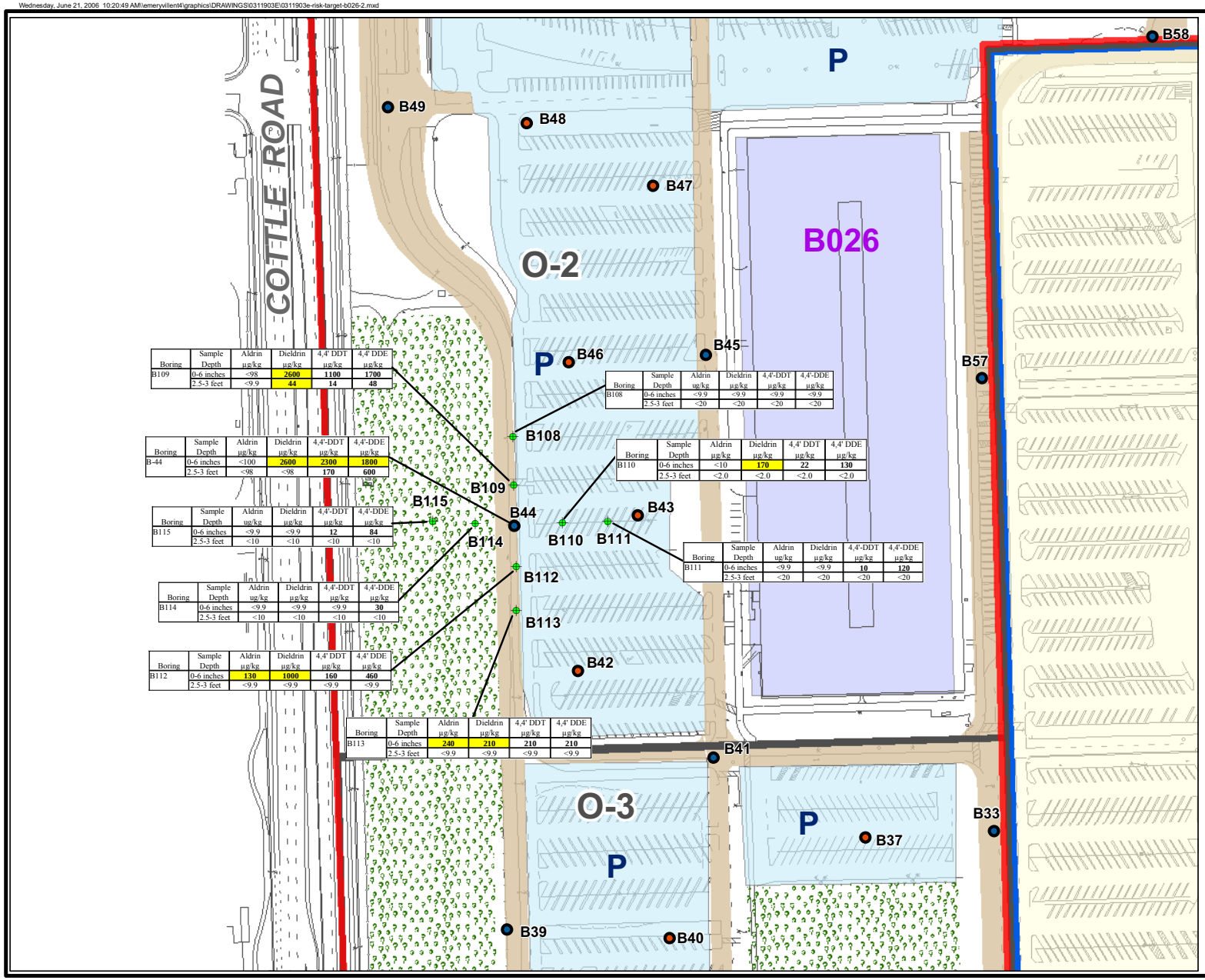


Boring	Sample Depth	Aldrin µg/kg	Dieldrin µg/kg	4,4' DDT µg/kg	4,4' DDE µg/kg
B109	0-6 inches	<98	**2600**	**1100**	**1700**
	2.5-3 feet	<9.9	**44**	**14**	**48**

Boring	Sample Depth	Aldrin µg/kg	Dieldrin µg/kg	4,4'-DDT µg/kg	4,4'-DDE µg/kg
B108	0-6 inches	<9.9	<9.9	<9.9	<9.9
	2.5-3 feet	<20	<20	<20	<20

Boring	Sample Depth	Aldrin µg/kg	Dieldrin µg/kg	4,4'-DDT µg/kg	4,4'-DDE µg/kg
B-44	0-6 inches	<100	**2600**	**2300**	**1800**
	2.5-3 feet	<98	<98	**170**	**600**

Boring	Sample Depth	Aldrin µg/kg	Dieldrin µg/kg	4,4' DDT µg/kg	4,4' DDE µg/kg
B110	0-6 inches	<10	**170**	**22**	**130**
	2.5-3 feet	<2.0	<2.0	<2.0	<2.0

Boring	Sample Depth	Aldrin µg/kg	Dieldrin µg/kg	4,4'-DDT µg/kg	4,4'-DDE µg/kg
B115	0-6 inches	<9.9	<9.9	**12**	**84**
	2.5-3 feet	<10	<10	<10	<10

Boring	Sample Depth	Aldrin µg/kg	Dieldrin µg/kg	4,4' DDT µg/kg	4,4' DDE µg/kg
B111	0-6 inches	<9.9	<9.9	**10**	**120**
	2.5-3 feet	<20	<20	<20	<20

Boring	Sample Depth	Aldrin µg/kg	Dieldrin µg/kg	4,4'-DDT µg/kg	4,4'-DDE µg/kg
B114	0-6 inches	<9.9	<9.9	<9.9	**30**
	2.5-3 feet	<10	<10	<10	<10

Boring	Sample Depth	Aldrin µg/kg	Dieldrin µg/kg	4,4' DDT µg/kg	4,4' DDE µg/kg
B112	0-6 inches	**130**	**1000**	**160**	**460**
	2.5-3 feet	<9.9	<9.9	<9.9	<9.9

Boring	Sample Depth	Aldrin µg/kg	Dieldrin µg/kg	4,4' DDT µg/kg	4,4' DDE µg/kg
B113	0-6 inches	**240**	**210**	**210**	**210**
	2.5-3 feet	<9.9	<9.9	<9.9	<9.9

Legend

- Parking Lot on the Redevelopment Property
- Roadway on the Redevelopment Property
- Building on the Redevelopment Property
- Current Orchard Area in 2006
- Outline of Redevelopment Property
- Outline of Parcel Boundaries
- Outline of Core Area
- Approximate Sample Location - December 2005
- Approximate Sample Location on Parking Lots - October 2005
- Approximate Sample Location on Roadways - October 2005

NOTES:

Highlighted text indicates the detected concentration of an organochlorine pesticide exceeds the applicable Remedial Goal for soil as shown in the table below:

Compound	Remedial Goal (µg/kg)
Aldrin	*29*
Dieldrin	*30*
4,4'-DDT	*1,700*
4,4'-DDE	*1,700*
4.4'-DDD	*2,400*

µg/kg = micrograms per kilogram

N

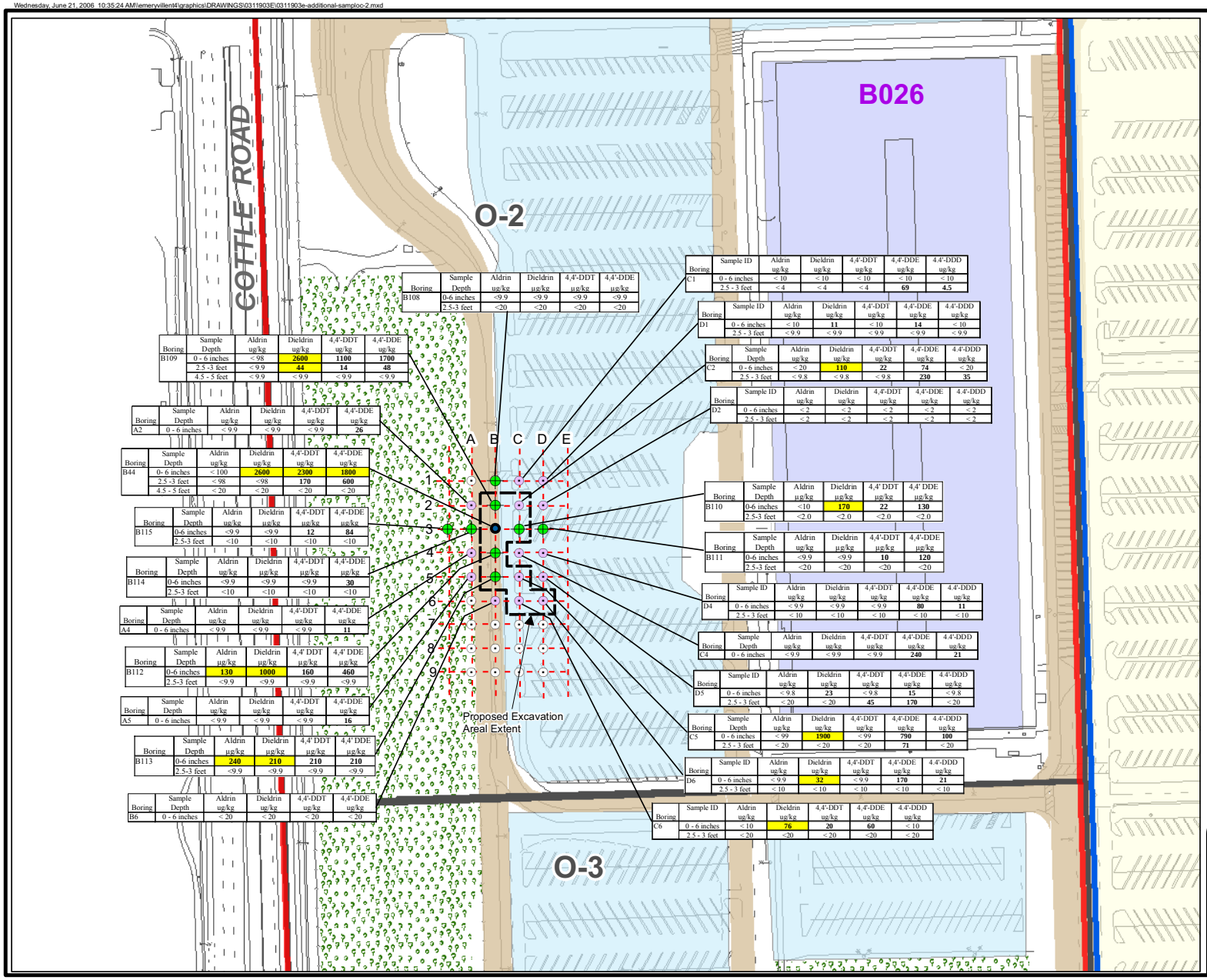
120 60 0 Feet

ENVIRON

Pesticide Step Out Sampling - December 2005
Hitachi GST
San Jose, California

Date:	Contract Number:		Figure
2/14/06	03-11903E		4.2
Drafter: RS	Approved:	Revised:	

Wednesday, June 21, 2006 10:35:24 AM\\emeryvillent4\graphics\DRAWINGS\0311903E\0311903e-additional-samploc-2.mxd



Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg
B108	0-6 inches	<9.9	<9.9	<9.9	<9.9
	2.5-3 feet	<20	<20	<20	<20

Boring	Sample ID	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
C1	0 - 6 inches	< 10	< 10	< 10	< 10	< 10
	2.5 - 3 feet	< 4	< 4	< 4	**69**	**4.5**

Boring	Sample ID	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
D1	0 - 6 inches	< 10	**11**	< 10	**14**	< 10
	2.5 - 3 feet	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
C2	0 - 6 inches	< 20	**110**	**22**	**74**	< 20
	2.5 - 3 feet	< 9.8	< 9.8	< 9.8	**230**	**35**

Boring	Sample ID	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
D2	0 - 6 inches	< 2	< 2	< 2	< 2	< 2
	2.5 - 3 feet	< 2	< 2	< 2	< 2	< 2

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4' DDT ug/kg	4,4' DDE ug/kg
B110	0-6 inches	<10	**170**	**22**	**130**
	2.5-3 feet	<2.0	<2.0	<2.0	<2.0

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg
B111	0-6 inches	<9.9	<9.9	**10**	**120**
	2.5-3 feet	<20	<20	<20	<20

Boring	Sample ID	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
D4	0 - 6 inches	< 9.9	< 9.9	< 9.9	**80**	**11**
	2.5 - 3 feet	< 10	< 10	< 10	< 10	< 10

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
C4	0 - 6 inches	< 9.9	< 9.9	< 9.9	**240**	**21**

Boring	Sample ID	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
D5	0 - 6 inches	< 9.8	**23**	< 9.8	**15**	< 9.8
	2.5 - 3 feet	< 20	< 20	**45**	**170**	< 20

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
C5	0 - 6 inches	< 99	**1900**	< 99	**790**	**100**
	2.5 - 3 feet	< 20	< 20	< 20	**71**	< 20

Boring	Sample ID	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
D6	0 - 6 inches	< 9.9	**32**	< 9.9	**170**	**21**
	2.5 - 3 feet	< 10	< 10	< 10	< 10	< 10

Boring	Sample ID	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
C6	0 - 6 inches	< 10	**76**	**20**	**60**	< 10
	2.5 - 3 feet	< 20	<20	< 20	<20	< 20

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg
B109	0 - 6 inches	< 98	**2600**	**1100**	**1700**
	2.5 -3 feet	< 9.9	**44**	**14**	**48**
	4.5 - 5 feet	< 9.9	< 9.9	< 9.9	< 9.9

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg
A2	0 - 6 inches	< 9.9	< 9.9	< 9.9	**26**

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg
B44	0- 6 inches	< 100	**2600**	**2300**	**1800**
	2.5 -3 feet	< 98	<98	**170**	**600**
	4.5 - 5 feet	< 20	< 20	< 20	< 20

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg
B115	0-6 inches	<9.9	<9.9	**12**	**84**
	2.5-3 feet	<10	<10	<10	<10

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg
B114	0-6 inches	<9.9	<9.9	<9.9	**30**
	2.5-3 feet	<10	<10	<10	<10

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg
A4	0 - 6 inches	< 9.9	< 9.9	< 9.9	**11**

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4' DDT ug/kg	4,4' DDE ug/kg
B112	0-6 inches	**130**	**1000**	**160**	**460**
	2.5-3 feet	<9.9	<9.9	<9.9	<9.9

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg
A5	0 - 6 inches	< 9.9	< 9.9	< 9.9	**16**

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4' DDT ug/kg	4,4' DDE ug/kg
B113	0-6 inches	**240**	**210**	**210**	**210**
	2.5-3 feet	<9.9	<9.9	<9.9	<9.9

Boring	Sample Depth	Aldrin ug/kg	Dieldrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg
B6	0 - 6 inches	< 20	< 20	< 20	< 20

Legend

- Parking Lot on the Redevelopment Property
- Roadway on the Redevelopment Property
- Building on the Redevelopment Property
- Current Orchard Area in 2006
- Landscaped Area
- Outline of Redevelopment Property
- Outline of Parcel Boundaries
- Outline of Core Area
- Approximate Sample Location - December 2005
- Approximate Sample Location on Roadways - October 2005
- Approximate Sample Location - April 2006
- Approximate Sample Location - April 2006 (Sample collected, but not analyzed)

NOTES:

Highlighted text indicates the detected concentration of an organochlorine pesticide exceeds the applicable Remedial Goal for soil as shown in the table below:

Compound	Remedial Goal (µg/kg)
Aldrin	*29*
Dieldrin	*30*
4,4'-DDT	*1,700*
4,4'-DDE	*1,700*
4,4'-DDD	*2,400*

µg/kg = micrograms per kilogram

N

100 50 0 100 Feet

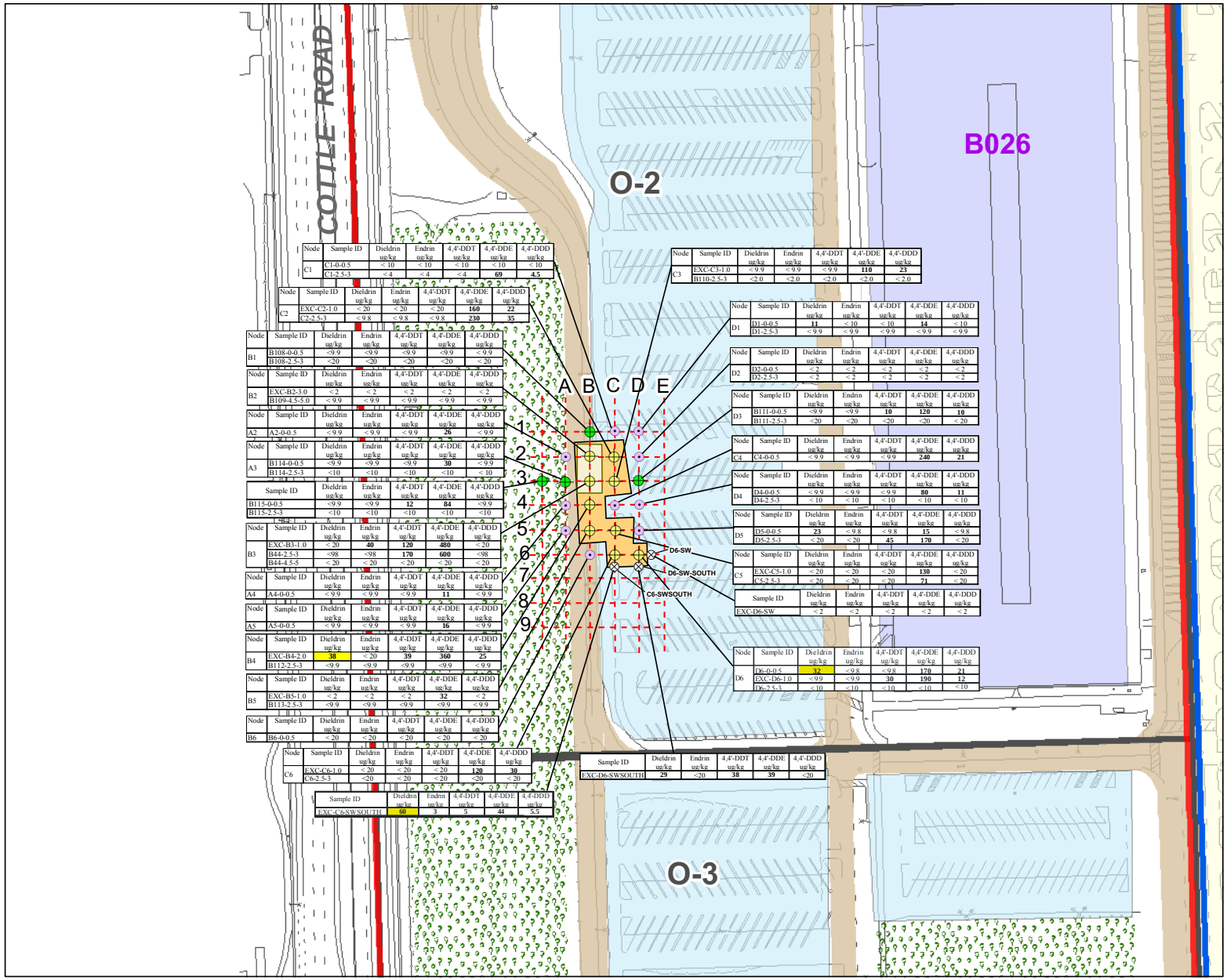
ENVIRON

Pesticide Step Out Sampling - December 2005 and April 2006

Hitachi GST
San Jose, California

Date:	Contract Number:		Figure
5/16/06	03-11903E		**4.3**
Drafter: RS	Approved:	Revised:	

Wednesday, June 21, 2006 10:35:24 AM\\emeryvillent4\graphics\DRAWINGS\0311903E\0311903e-FINAL-EXCAV-DATA.mxd



Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
C1	C1-0-0.5	< 10	< 10	< 10	< 10	< 10
	C1-2.5-3	< 4	< 4	< 4	**69**	**4.5**

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
C2	EXC-C2-1.0	< 20	< 20	< 20	**160**	**22**
	C2-2.5-3	< 9.8	< 9.8	< 9.8	**230**	**35**

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
B1	B108-0-0.5	<9.9	<9.9	<9.9	<9.9	<9.9
	B108-2.5-3	<20	<20	<20	<20	< 20

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
B2	EXC-B2-3.0	< 2	< 2	< 2	< 2	< 2
	B109-4.5-5.0	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
A2	A2-0-0.5	< 9.9	< 9.9	< 9.9	**26**	< 9.9

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
A3	B114-0-0.5	<9.9	<9.9	<9.9	**30**	< 9.9
	B114-2.5-3	<10	<10	<10	<10	< 10

Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
B115-0-0.5	<9.9	<9.9	**12**	**84**	<9.9
B115-2.5-3	<10	<10	<10	<10	<10

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
B3	EXC-B3-1.0	< 20	**40**	**120**	**480**	< 20
	B44-2.5-3	<98	<98	**170**	**600**	<98
	B44-4.5-5	< 20	< 20	< 20	< 20	< 20

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
A4	A4-0-0.5	< 9.9	< 9.9	< 9.9	**11**	< 9.9

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
A5	A5-0-0.5	< 9.9	< 9.9	< 9.9	**16**	< 9.9

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
B4	EXC-B4-2.0	**38**	< 20	**39**	**360**	**25**
	B112-2.5-3	<9.9	<9.9	<9.9	<9.9	< 9.9

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
B5	EXC-B5-1.0	< 2	< 2	< 2	**32**	< 2
	B113-2.5-3	<9.9	<9.9	<9.9	<9.9	< 9.9

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
B6	B6-0-0.5	< 20	< 20	< 20	< 20	< 20

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
C6	EXC-C6-1.0	< 20	< 20	< 20	**120**	**30**
	C6-2.5-3	<20	< 20	< 20	<20	< 20

Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
EXC-C6-SWSOUTH	**60**	3	5	**44**	5.5

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
C3	EXC-C3-1.0	< 9.9	< 9.9	< 9.9	**110**	**23**
	B110-2.5-3	<2.0	<2.0	<2.0	<2.0	< 2.0

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
D1	D1-0-0.5	**11**	< 10	< 10	**14**	< 10
	D1-2.5-3	< 9.9	< 9.9	< 9.9	< 9.9	< 9.9

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
D2	D2-0-0.5	< 2	< 2	< 2	< 2	< 2
	D2-2.5-3	< 2	< 2	< 2	< 2	< 2

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
D3	B111-0-0.5	<9.9	<9.9	**10**	**120**	**10**
	B111-2.5-3	<20	<20	<20	<20	< 20

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
C4	C4-0-0.5	< 9.9	< 9.9	< 9.9	**240**	**21**

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
D4	D4-0-0.5	< 9.9	< 9.9	< 9.9	**80**	**11**
	D4-2.5-3	< 10	< 10	< 10	< 10	< 10

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
D5	D5-0-0.5	**23**	< 9.8	< 9.8	**15**	< 9.8
	D5-2.5-3	< 20	< 20	**45**	**170**	< 20

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
C5	EXC-C5-1.0	< 20	< 20	< 20	**130**	< 20
	C5-2.5-3	< 20	< 20	< 20	**71**	< 20

Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
EXC-D6-SW	< 2	< 2	< 2	< 2	< 2

Node	Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
D6	D6-0-0.5	**32**	<9.8	<9.8	**170**	**21**
	EXC-D6-1.0	<9.9	<9.9	**30**	**190**	**12**
	D6-2.5-3	< 10	< 10	< 10	< 10	< 10

Sample ID	Dieldrin ug/kg	Endrin ug/kg	4,4'-DDT ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg
EXC-D6-SWSOUTH	**29**	<20	**38**	**39**	<20

Legend

- Parking Lot on the Redevelopment Property
- Roadway on the Redevelopment Property
- Building on the Redevelopment Property
- Current Orchard Area in 2006
- Outline of Redevelopment Property
- Outline of Parcel Boundaries
- Outline of Core Area
- Approximate Confirmation Sample Location
- Sidewall Confirmation Sample Location
- Approximate Sample Location - December 2005
- Approximate Sample Location - April 2006
- Approximate Excavation Extent
- Approximate Excavation Extent of Hazardous Soil

Notes:
Highlighted text indicates the detected concentration of an organochlorine pesticide exceeds the applicable Remedial Goal for soil, as shown in the table below:

Compound	Remedial Goal (ug/kg)
Dieldrin	*30*
Endrin	*18,000*
4,4'-DDT	*1,700*
4,4'-DDE	*1,700*
4.4'-DDD	*2,400*

µg/kg = microgram per kilogram.

N

100 50 0 100 Feet

ENVIRON

Final Excavation Confirmation Sampling Results
Hitachi GST
San Jose, California

Date:	Contract Number:		Figure
5/16/06	03-11903E		**4.4**
Drafter: RS	Approved:	Revised:	