Legend

Site Location

Map Sources ESRI

N

2 1 0 2 Miles

Site Location Map
Phase I Environmental Site Assessment

Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California

Geosyntec consultants

Project No.: SAC147K

April 2017

Figure 1

P:\GIS\SAC147 DTSC\Task Order K Crescent Mills\project\Fig01 SiteLocation.mxd

Sacramento Valley Moulding Site

Old Planing Mill/Oil Shed
Waste Oil Above Ground Storage Tank
Teepee Burner
Dry Lumber Storage (#1)
Wood Waste Stockpile (#3)
Maintenance Shop
Site Entrance
Drop Inlet (#4)
Drop Inlet (#3)
Storage (#2)
Storage (#1)
Storage (#3)
Dry Lumber Storage (#2)
Drop Inlet (#5)
Dry Lumber Storage (#3)
Possible Water Storage Tank
Dry Lumber Storage (#4)
Above Ground Piping
New Planing Mill
End-Stain Application Area
Old Dry Kiln
Former Boiler Pad
New Dry Kiln (#1)
Boiler Building
Oil Dispensing Unit and Transformer
Fuel Shed
New Dry Kiln (#2)
Drop Inlet (#2)
89
Possible Fueling Area Above Ground Storage Tanks
Main Street
Potential Anti-stain Application Area
Former Southern Site Entrance
Lumber Sorter and Stacker
Possible Location of Underground Storage Tanks (Removed)
Wood Waste and Fill Stockpile (#1)
Transformer
Green Chain
Saw Mill
PG&E Electrical Sub-Station
Septic Tank
Compressor Building
Drop Inlet (#1)
Wood Waste and Fill Stockpile (#2)
Water Above Ground StorageTank
Fire Well
Railroad
Wood Waste and Fill Stockpile (#4)
Former Log Storage
Wood Waste Stockpile (#5)
Existing Log Deck Supply Well
Log Deck Recycle Pond
Former Log Storage - Now Covered by Wood Waste and Fill Stockpile (#6)

Legend

Property Boundary

Site Features

N

300 150 0 300 Feet

Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

Site Layout
Phase I Environmental Site Assessment

Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California

Geosyntec consultants

Project No.: SAC147K

April 2017

Figure 2

P:\GIS\SAC147 DTSC\Task Order K Crescent Mills\project\Fig02 Site Layout.mxd

Sacramento Valley Moulding Site

Old Planing Mill/Oil Shed
Waste Oil Above Ground Storage Tank
Teepee Burner
HA3
Dry Lumber Storage (#1)
LP-B01
Wood Waste Stockpile (#3)
LP-SPC03
Maintenance Shop
Drop Inlet (#3)
Site Entrance
LP-SC01
Drop Inlet (#4)
Storage (#2)
Storage (#1)
Storage (#3)
Drop Inlet (#5)
Dry Lumber Storage (#2)
Dry Lumber Storage (#3)
Possible Water Storage Tank
HA6
Dry Lumber Storage (#4)
Above Ground Piping
New Planing Mill
End-Stain Application Area
Old Dry Kiln
DP4
Former Boiler Pad
New Dry Kiln (#1)
DP5
Oil Dispensing Unit and Transformer
LP-B02
Boiler Building
Possible Fueling Area Above Ground Storage Tanks
Fuel Shed
New Dry Kiln (#2)
Drop Inlet (#2)
HA5
89
Main Street
LP-SC02
Potential Anti-stain Application Area
Former Southern Site Entrance
LP-SC03
LP-SPC01
Lumber Sorter and Stacker
Possible Location of Underground Storage Tanks (Removed)
DP1
DP2
DP3
HA1
LP-B03
Transformer
LP-SC04
Green Chain
Saw Mill
Wood Waste and Fill Stockpile (#1)
PG&E Electrical Sub-Station
Septic Tank
Compressor Building
Drop Inlet (#1)
Wood Waste and Fill Stockpile (#2)
LP-SPC04
Water Above Ground StorageTank
Railroad
Wood Waste and Fill Stockpile (#4)
Fire Well
Former Log Storage
LP-SPC02
Wood Waste Stockpile (#5)
Existing Log Deck Supply Well
Log Deck Recycle Pond
Former Log Storage - Now Covered by Wood Waste and Fill Stockpile (#6)

Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

300 150 0 300 Feet

N

Legend

- Property Boundary
- Site Features
- 2014 Approximate Location of 5-Point Composite Sample
- 2002 Direct Push Soil and Groundwater Sample
- 2002 Hand Auger Soil Sample
- 2002 Hand Auger Soil and Groundwater Sample
- 2014 Direct Push Soil Sample
- 2014 Direct Push Soil and Groundwater Sample

Site Layout with Previous Investigations
Targeted Site Investigation Report

Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California

Geosyntec consultants

Project No.: SAC147K

April 2017

Figure 3

P:\GIS\SAC147 DTSC\Task Order K Crescent Mills\project\Fig03 Site Plan and Proposed Boring Location Portrait with SiteFeatures4.mxd

Figure 4a/5a/6a

Figure 4b/5b/6b

Figure 4c/5c

SB-10
SB-9
DU-7
DU-15
SB-16
HA3
LP-B01
SB-8
DU-6
SB-7
DU-8
SB-12
HA6
SB-13
DU-9
DU-4
DU-5
DP4
SB-11
SB-17
SB-18
DP5
DU-11
LP-B02
SB-5
SB-4
SB-14
SB-6
HA5
DU-16
DU-12
SB-19
DU-10
89
DU-13
Main Street
DP1
DP2
DP3
HA1
DU-14
SB-15
LP-B03
DU-1
DU-3
SB-2
SB-1
DU-2
DU-17
SB-3
DU-18
Railroad
DU-19
DU-20
SB-20
Arsenic
DU-2
DU-21
Approximate
Direction of
GW Flow

Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

300 150 0 300 Feet

N

Legend

- Property Boundary
- Surface Soil Boring
- 2017 Soil Boring
- 2014 Approximate Location of 5-Point Composite Sample
- Site Features
- 2002 Direct Push Soil and Groundwater Sample
- 2002 Hand Auger Soil Sample
- 2002 Hand Auger Soil and Groundwater Sample
- 2014 Direct Push Soil Sample
- 2014 Direct Push Soil and Groundwater Sample
- 2017 ISM Decision Unit [1]

Note:

1. Increment location collected from center of representative sample unit (30 per decision unit).

Site Decision Units and Sample Locations
Targeted Site Investigation Report

Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California

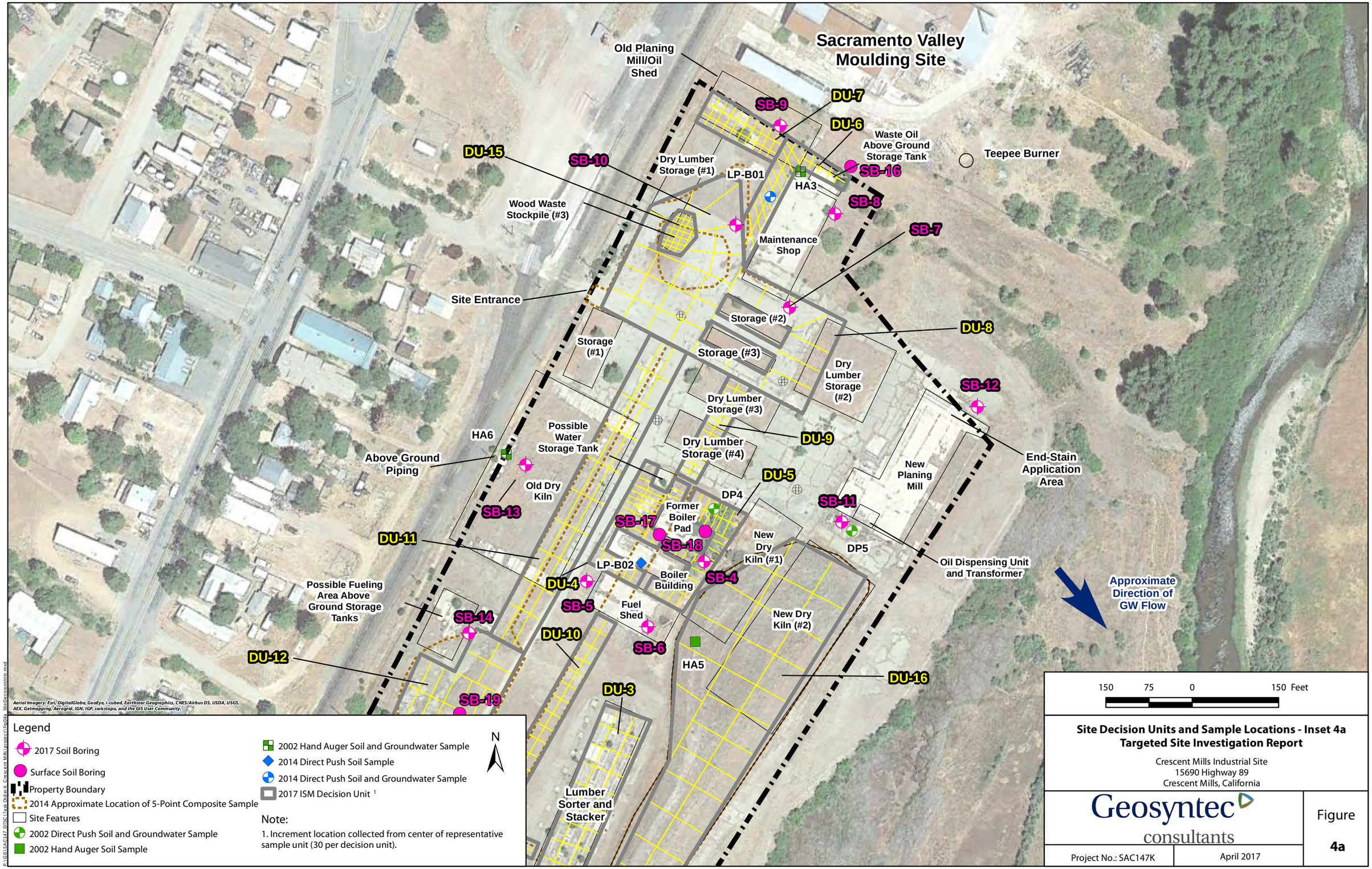
Geosyntec consultants

Project No.: SAC147K

April 2017

Figure 4

P:\GIS\SAC147_DTSC\Task Order K_Crescent Mills\project\Fig04_SiteDecisionUnits_SampleLocs.mxd


Sacramento Valley Moulding Site
Old Planing Mill/Oil Shed
SB-9
DU-7
DU-6
Waste Oil Above Ground Storage Tank
SB-16
Teepee Burner
DU-15
SB-10
Dry Lumber Storage (#1)
LP-B01
HA3
SB-8
Wood Waste Stockpile (#3)
SB-7
Maintenance Shop
Site Entrance
Storage (#2)
DU-8
Storage (#1)
Storage (#3)
Dry Lumber Storage (#2)
SB-12
Dry Lumber Storage (#3)
HA6
Possible Water Storage Tank
DU-9
Dry Lumber Storage (#4)
End-Stain Application Area
Above Ground Piping
Old Dry Kiln
DU-5
DP4
New Planing Mill
SB-11
SB-13
Former Boiler Pad
SB-17
SB-18
DP5
DU-11
New Dry Kiln (#1)
LP-B02
Oil Dispensing Unit and Transformer
Boiler Building
SB-4
DU-4
Approximate Direction of GW Flow
Possible Fueling Area Above Ground Storage Tanks
SB-5
Fuel Shed
SB-14
New Dry Kiln (#2)
DU-10
SB-6
DU-12
HA5
DU-16
DU-3
SB-19
Lumber Sorter and Stacker
Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.
Legend
2017 Soil Boring
Surface Soil Boring
Property Boundary
2014 Approximate Location of 5-Point Composite Sample
Site Features
2002 Direct Push Soil and Groundwater Sample
2002 Hand Auger Soil Sample
2002 Hand Auger Soil and Groundwater Sample
2014 Direct Push Soil Sample
2014 Direct Push Soil and Groundwater Sample
2017 ISM Decision Unit [1]
N
Note:
1. Increment location collected from center of representative sample unit (30 per decision unit).
150 75 0 150 Feet
Site Decision Units and Sample Locations - Inset 4a
Targeted Site Investigation Report
Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California
Geosyntec consultants
Figure 4a
Project No.: SAC147K
April 2017
P:\GIS\SAC147 DTSC\Task Order\K Crescent Mills\project\Fig04a_SiteDecisionUnits.mxd

DU-4
DU-11
Possible Fueling Area Above Ground Storage Tanks
SB-14
DU-12
SB-19
Former Southern Site Entrance
DU-13
Possible Location of Underground Storage Tanks (Removed)
DP1
DP2
DP3
DU-14
SB-15
DU-1
Transformer
Saw Mill
PG&E Electrical Sub-Station
SB-2
SB-1
Septic Tank
Compressor Building
LP-B02
Boiler Building
SB-4
SB-5
Fuel Shed
DU-5
New Dry Kiln (#2)
DU-10
SB-6
HA5
DU-16
DU-3
Potential Anti-stain Application Area
HA1
Lumber Sorter and Stacker
LP-B03
Green Chain
DU-2
SB-3
Wood Waste and Fill Stockpile (#1)
Approximate Direction of GW Flow
Wood Waste and Fill Stockpile (#2)
DU-17
Water Above Ground Storage Tank
Fire Well
DU-18
Wood Waste and Fill Stockpile (#4)
Former Log Storage

Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

Legend

- 2017 Soil Boring
- Surface Soil Boring
- Property Boundary
- 2014 Approximate Location of 5-Point Composite Sample
- Site Features
- 2002 Direct Push Soil and Groundwater Sample
- 2002/12 Hand Auger Soil Sample
- 2014 Direct Push Soil Sample
- 2014 Direct Push Soil and Groundwater Sample
- 2017 ISM Decision Unit [1]

N

Note:

1. Increment location collected from center of representative sample unit (30 per decision unit).

140 70 0 140 Feet

Site Decision Units and Sample Locations - Inset 4b
Targeted Site Investigation Report

Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California

Geosyntec consultants

Project No.: SAC147K | April 2017

Figure **4b**

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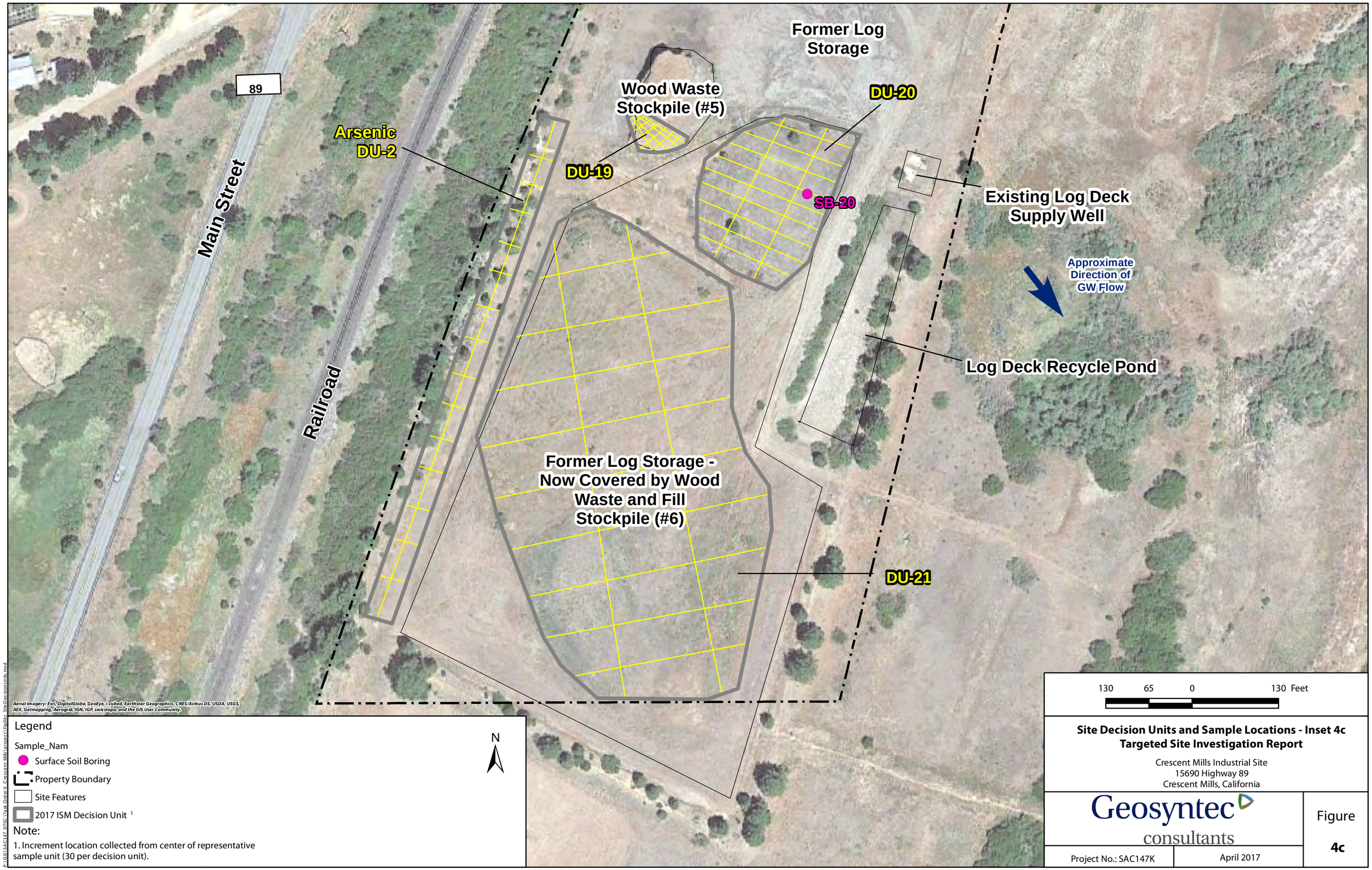

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Site Decision Units and Sample Locations - Inset 4c
Targeted Site Investigation Report

Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California

Geosyntec consultants

Project No.: SAC147K | April 2017

Figure **4c**

LP-B01

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
8/27/2014	0	23	--	170
8/27/2014	2	9.9 J	--	22 J
8/27/2014	2	56 J	--	91 J
8/27/2014	4	7	--	4.2 J
8/27/2014	6	6.9	--	<5.6

DU-7

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/7/2017	0-0.5	--	67	67

DU-15

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	1-5	7.2	--	--

DU-6

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/7/2017	0-0.5	--	190	180

LP-SPC03

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
8/26/2014	1-2	9.7	--	--

HA3

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
12/13/2002	0	ND	--	<1
12/13/2002	3	ND	--	<1

LP-SC01

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
8/27/2014	0.5	15 J / 25 J	--	640 J / 650 J

DU-8

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	0-0.5	6.9	1600	1600

DU-9

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	0-0.5	28	510	400

SB-12

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/7/2017	4-5	1.3	<1.2	<0.58

SB-13

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/6/2017	1-3	--	0.91 J	0.60 J

HA6

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
12/13/2002	0	--	--	<1
12/13/2002	3	--	--	<1

LP-SC03

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
8/26/2014	0.5	130	--	66

DU-11

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	0-0.5	35	380	400

DP4

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
12/13/2002	4	ND	--	<1

DP5

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
12/13/2002	0	--	--	<1
12/13/2002	6	--	--	<1

LP-B02

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
8/27/2014	0	5.9	--	<5.3
8/27/2014	2	8.3	--	<5.4
8/27/2014	4	5.9	--	9
8/27/2014	6	44	--	11

SB-5

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/6/2017	1-3	--	1.4	1.2

DU-4

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/7/2017	0-0.5	13 J-	340	390

LP-SC02

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
8/26/2014	0.5	65	--	62

DU-5

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/7/2017	0-0.5	19	580	470

SB-6

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/6/2017	3-5	--	1.1	0.75 J

HA5

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
12/13/2002	0	--	--	<1

Legend

- 2017 Soil Boring
- Property Boundary
- 2014 Approximate Location of 5-Point Composite Sample
- 2002 Direct Push Soil and Groundwater Sample
- 2002 Hand Auger Soil Sample
- 2002 Hand Auger Soil and Groundwater Sample
- 2014 Direct Push Soil Sample
- 2014 Direct Push Soil and Groundwater Sample
- 2017 ISM Decision Unit [1]

Note:

1. Increment location collected from center of representative sample unit (30 per decision unit).
Concentrations reported in bold are above laboratory detection limits.
Concentrations in grey cells are above appropriate screening criteria in Tables 2-5.
< = Concentration not reported above laboratory detection limit.
ft bgs = feet below ground surface
mg/Kg = miligram per kilogram

N

150 75 0 150 Feet

Site Sample Locations and Soil Screening Level Exceedance Data - Inset 5a
Targeted Site Investigation Report

Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California

Geosyntec consultants

Project No.: SAC147K

April 2017

Figure 5a

Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

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DU-12

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	0-0.5	**16**	**370**	**450**

DU-13

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	0-0.5	**22**	**270**	**290**

DP1

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
12/13/2002	0	--	--	<1
12/13/2002	6	--	--	<1

DU-14

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	0-0.5	**5.1**	**21**	**23**

LP-SC04

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
8/26/2014	0.5	**6.9**	--	**140**

DP2

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
12/13/2002	0	--	--	<1
12/13/2002	10	--	--	<1

SB-15

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/6/2017	2-5	--	**7.6 J**	**7.7 J**

LP-SPC04

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
8/26/2014	1-2	**26**	--	--

DU-18

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	0.5-1	**9.8**	--	--

SB-14

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/8/2017	1-4	--	**1.1 / 1.9**	<1.1 / **1.7**

DU-16

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	1-3	**9.9**	--	--

LP-SPC01

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
8/26/2014	1-2	**13**	--	--

DU-17

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	1-3	**11**	--	--

LP-SPC02

Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
8/26/2014	1-2	**18**	--	--

Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

Legend

- 2017 Soil Boring
- Property Boundary
- 2014 Approximate Location of 5-Point Composite Sample
- 2002 Direct Push Soil and Groundwater Sample
- 2017 ISM Decision Unit [1]

Note:

1. Increment location collected from center of representative sample unit (30 per decision unit).

Concentrations reported in bold are above laboratory detection limits.
Concentrations in grey cells are above appropriate screening criteria in Tables 2-5.
< = Concentration not reported above laboratory detection limit.
ft bgs = feet below ground surface
mg/Kg = milligram per kilogram

N

140 70 0 140 Feet

Site Sample Locations and Soil Screening Level Exceedance Data - Inset 5b
Targeted Site Investigation Report
Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California

Geosyntec consultants

Project No.: SAC147K | April 2017

Figure **5b**

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DU-19				
Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	1-5	**9.2**	--	--

DU-20				
Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	1-3	**9.1**	--	--

DU-21				
Date	Depth (ft bgs)	Arsenic (mg/kg)	TPH-D with SGC (mg/kg)	TPH-D without SGC (mg/kg)
2/9/2017	1-3	**25**	--	--

89

Main Street

Railroad

Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

Legend

- Property Boundary
- 2017 ISM Decision Unit [1]

Note:

1. Increment location collected from center of representative sample unit (30 per decision unit).
Concentrations reported in bold are above laboratory detection limits.
Concentrations in grey cells are above appropriate screening criteria in Tables 2-5.
< = Concentration not reported above laboratory detection limit.
ft bgs = feet below ground surface
mg/Kg = miligram per kilogram

N

130 65 0 130 Feet

Site Sample Locations and Soil Screening Level Exceedance Data - Inset 5c
Targeted Site Investigation Report
Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California

Geosyntec consultants

Project No.: SAC147K

April 2017

Figure **5c**

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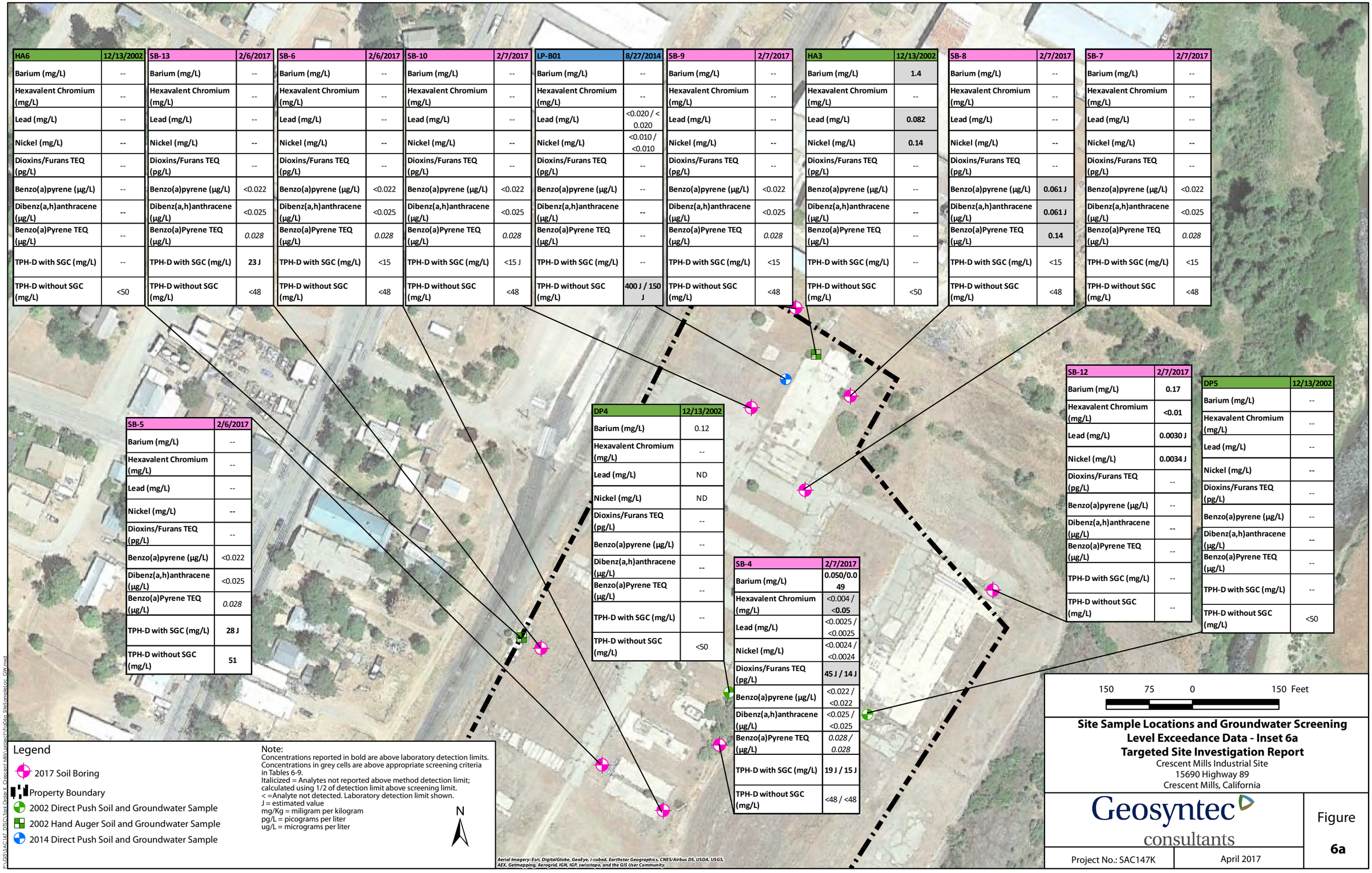

HA6	12/13/2002
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	--
Dibenz(a,h)anthracene (µg/L)	--
Benzo(a)Pyrene TEQ (µg/L)	--
TPH-D with SGC (mg/L)	--
TPH-D without SGC (mg/L)	<50

SB-13	2/6/2017
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	<0.022
Dibenz(a,h)anthracene (µg/L)	<0.025
Benzo(a)Pyrene TEQ (µg/L)	*0.028*
TPH-D with SGC (mg/L)	**23 J**
TPH-D without SGC (mg/L)	<48

SB-6	2/6/2017
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	<0.022
Dibenz(a,h)anthracene (µg/L)	<0.025
Benzo(a)Pyrene TEQ (µg/L)	*0.028*
TPH-D with SGC (mg/L)	<15
TPH-D without SGC (mg/L)	<48

SB-10	2/7/2017
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	<0.022
Dibenz(a,h)anthracene (µg/L)	<0.025
Benzo(a)Pyrene TEQ (µg/L)	*0.028*
TPH-D with SGC (mg/L)	<15 J
TPH-D without SGC (mg/L)	<48

LP-B01	8/27/2014
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	<0.020 / < 0.020
Nickel (mg/L)	<0.010 / <0.010
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	--
Dibenz(a,h)anthracene (µg/L)	--
Benzo(a)Pyrene TEQ (µg/L)	--
TPH-D with SGC (mg/L)	--
TPH-D without SGC (mg/L)	**400 J / 150 J**

SB-9	2/7/2017
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	<0.022
Dibenz(a,h)anthracene (µg/L)	<0.025
Benzo(a)Pyrene TEQ (µg/L)	*0.028*
TPH-D with SGC (mg/L)	<15
TPH-D without SGC (mg/L)	<48

HA3	12/13/2002
Barium (mg/L)	**1.4**
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	**0.082**
Nickel (mg/L)	**0.14**
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	--
Dibenz(a,h)anthracene (µg/L)	--
Benzo(a)Pyrene TEQ (µg/L)	--
TPH-D with SGC (mg/L)	--
TPH-D without SGC (mg/L)	<50

SB-8	2/7/2017
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	**0.061 J**
Dibenz(a,h)anthracene (µg/L)	**0.061 J**
Benzo(a)Pyrene TEQ (µg/L)	**0.14**
TPH-D with SGC (mg/L)	<15
TPH-D without SGC (mg/L)	<48

SB-7	2/7/2017
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	<0.022
Dibenz(a,h)anthracene (µg/L)	<0.025
Benzo(a)Pyrene TEQ (µg/L)	*0.028*
TPH-D with SGC (mg/L)	<15
TPH-D without SGC (mg/L)	<48

SB-5	2/6/2017
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	<0.022
Dibenz(a,h)anthracene (µg/L)	<0.025
Benzo(a)Pyrene TEQ (µg/L)	*0.028*
TPH-D with SGC (mg/L)	**28 J**
TPH-D without SGC (mg/L)	**51**

DP4	12/13/2002
Barium (mg/L)	0.12
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	ND
Nickel (mg/L)	ND
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	--
Dibenz(a,h)anthracene (µg/L)	--
Benzo(a)Pyrene TEQ (µg/L)	--
TPH-D with SGC (mg/L)	--
TPH-D without SGC (mg/L)	<50

SB-4	2/7/2017
Barium (mg/L)	**0.050/0.049**
Hexavalent Chromium (mg/L)	<0.004 / **<0.05**
Lead (mg/L)	<0.0025 / <0.0025
Nickel (mg/L)	<0.0024 / <0.0024
Dioxins/Furans TEQ (pg/L)	**45 J / 14 J**
Benzo(a)pyrene (µg/L)	<0.022 / <0.022
Dibenz(a,h)anthracene (µg/L)	<0.025 / <0.025
Benzo(a)Pyrene TEQ (µg/L)	*0.028 / 0.028*
TPH-D with SGC (mg/L)	**19 J / 15 J**
TPH-D without SGC (mg/L)	<48 / <48

SB-12	2/7/2017
Barium (mg/L)	**0.17**
Hexavalent Chromium (mg/L)	**<0.01**
Lead (mg/L)	**0.0030 J**
Nickel (mg/L)	**0.0034 J**
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	--
Dibenz(a,h)anthracene (µg/L)	--
Benzo(a)Pyrene TEQ (µg/L)	--
TPH-D with SGC (mg/L)	--
TPH-D without SGC (mg/L)	--

DP5	12/13/2002
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	--
Dibenz(a,h)anthracene (µg/L)	--
Benzo(a)Pyrene TEQ (µg/L)	--
TPH-D with SGC (mg/L)	--
TPH-D without SGC (mg/L)	<50

Legend

- 2017 Soil Boring
- Property Boundary
- 2002 Direct Push Soil and Groundwater Sample
- 2002 Hand Auger Soil and Groundwater Sample
- 2014 Direct Push Soil and Groundwater Sample

Note:
Concentrations reported in bold are above laboratory detection limits.
Concentrations in grey cells are above appropriate screening criteria in Tables 6-9.
Italicized = Analytes not reported above method detection limit; calculated using 1/2 of detection limit above screening limit.
< =Analyte not detected. Laboratory detection limit shown.
J = estimated value
mg/Kg = miligram per kilogram
pg/L = picograms per liter
ug/L = micrograms per liter

N

150 75 0 150 Feet

Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

Site Sample Locations and Groundwater Screening Level Exceedance Data - Inset 6a
Targeted Site Investigation Report
Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California

Geosyntec consultants

Project No.: SAC147K | April 2017

Figure **6a**

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SB-14	2/8/2017
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	5.4 J
Benzo(a)pyrene (µg/L)	<0.022
Dibenz(a,h)anthracene (µg/L)	<0.025
Benzo(a)Pyrene TEQ (µg/L)	*0.028*
TPH-D with SGC (mg/L)	<48
TPH-D without SGC (mg/L)	<48

DP1	12/13/2002
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	--
Dibenz(a,h)anthracene (µg/L)	--
Benzo(a)Pyrene TEQ (µg/L)	--
TPH-D with SGC (mg/L)	--
TPH-D without SGC (mg/L)	<50

DP2	12/13/2002
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	--
Dibenz(a,h)anthracene (µg/L)	--
Benzo(a)Pyrene TEQ (µg/L)	--
TPH-D with SGC (mg/L)	--
TPH-D without SGC (mg/L)	<50

SB-15	2/6/2017
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	<0.022
Dibenz(a,h)anthracene (µg/L)	<0.025
Benzo(a)Pyrene TEQ (µg/L)	*0.028*
TPH-D with SGC (mg/L)	<47
TPH-D without SGC (mg/L)	<47

LP-B03	8/27/2014
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	<0.020
Nickel (mg/L)	<0.010
Dioxins/Furans TEQ (pg/L)	--
Benzo(a)pyrene (µg/L)	--
Dibenz(a,h)anthracene (µg/L)	--
Benzo(a)Pyrene TEQ (µg/L)	--
TPH-D with SGC (mg/L)	--
TPH-D without SGC (mg/L)	<250

SB-1	2/8/2017
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	4.6 J / 0.66 J
Benzo(a)pyrene (µg/L)	--
Dibenz(a,h)anthracene (µg/L)	--
Benzo(a)Pyrene TEQ (µg/L)	--
TPH-D with SGC (mg/L)	--
TPH-D without SGC (mg/L)	--

SB-3	2/8/2017
Barium (mg/L)	--
Hexavalent Chromium (mg/L)	--
Lead (mg/L)	--
Nickel (mg/L)	--
Dioxins/Furans TEQ (pg/L)	4.7 J
Benzo(a)pyrene (µg/L)	--
Dibenz(a,h)anthracene (µg/L)	--
Benzo(a)Pyrene TEQ (µg/L)	--
TPH-D with SGC (mg/L)	--
TPH-D without SGC (mg/L)	--

Aerial Imagery: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.

Legend

- 2017 Soil Boring
- Property Boundary
- 2002 Direct Push Soil and Groundwater Sample
- 2014 Direct Push Soil and Groundwater Sample

Note:

Concentrations reported in bold are above laboratory detection limits.
Concentrations in grey cells are above appropriate screening criteria.
Italicized = Analytes not reported above method detection limit; calculated using 1/2 of detection limit above screening limit in Tables 6-9.
< =Analyte not detected. Laboratory detection limit shown.
J = estimated value
mg/Kg = miligram per kilogram
pg/L = picograms per liter
ug/L = micrograms per liter

N

140 70 0 140 Feet

Site Sample Locations and Groundwater Screening Level Exceedance Data - Inset 6b
Targeted Site Investigation Report
Crescent Mills Industrial Site
15690 Highway 89
Crescent Mills, California

Geosyntec consultants

Project No.: SAC147K | April 2017

Figure **6b**

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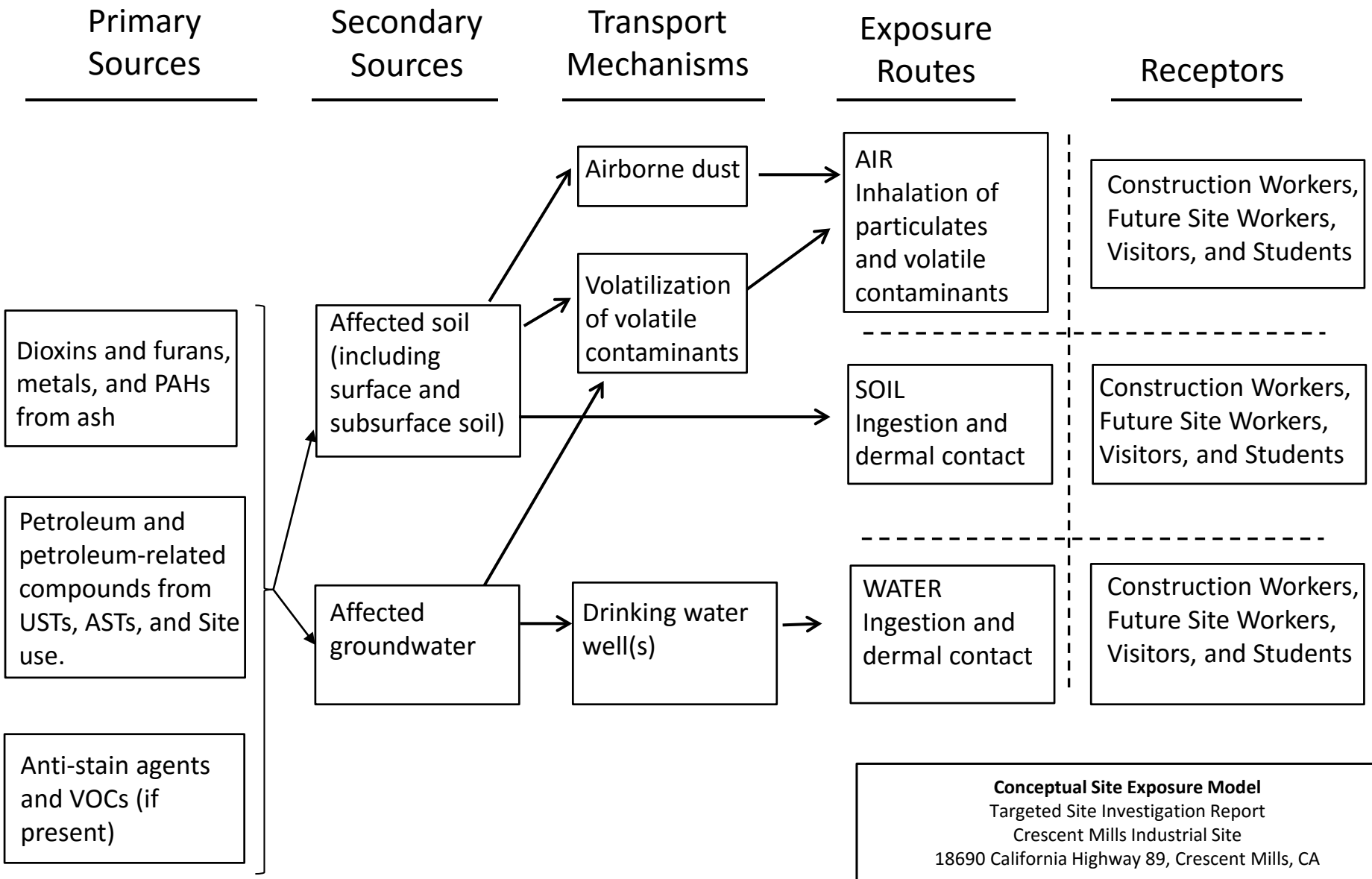

Conceptual Site Exposure Model
Targeted Site Investigation Report
Crescent Mills Industrial Site
18690 California Highway 89, Crescent Mills, CA

Geosyntec consultants

Figure 7

Project No.: SAC147K

April 2017