

US EPA ARCHIVE DOCUMENT

FIGURES



Legend

★ Facility

1,200 600 0 1,200 Meters



ENVIRON

6001 Shellmound St., Suite 700, Emeryville, CA 94608

Site Location Map
Romic Environmental Technologies Corporation
Chandler, Arizona

Figure

2.1

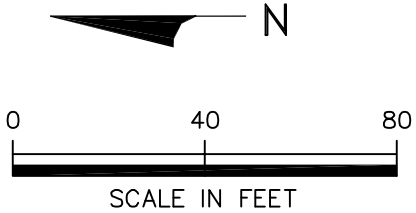
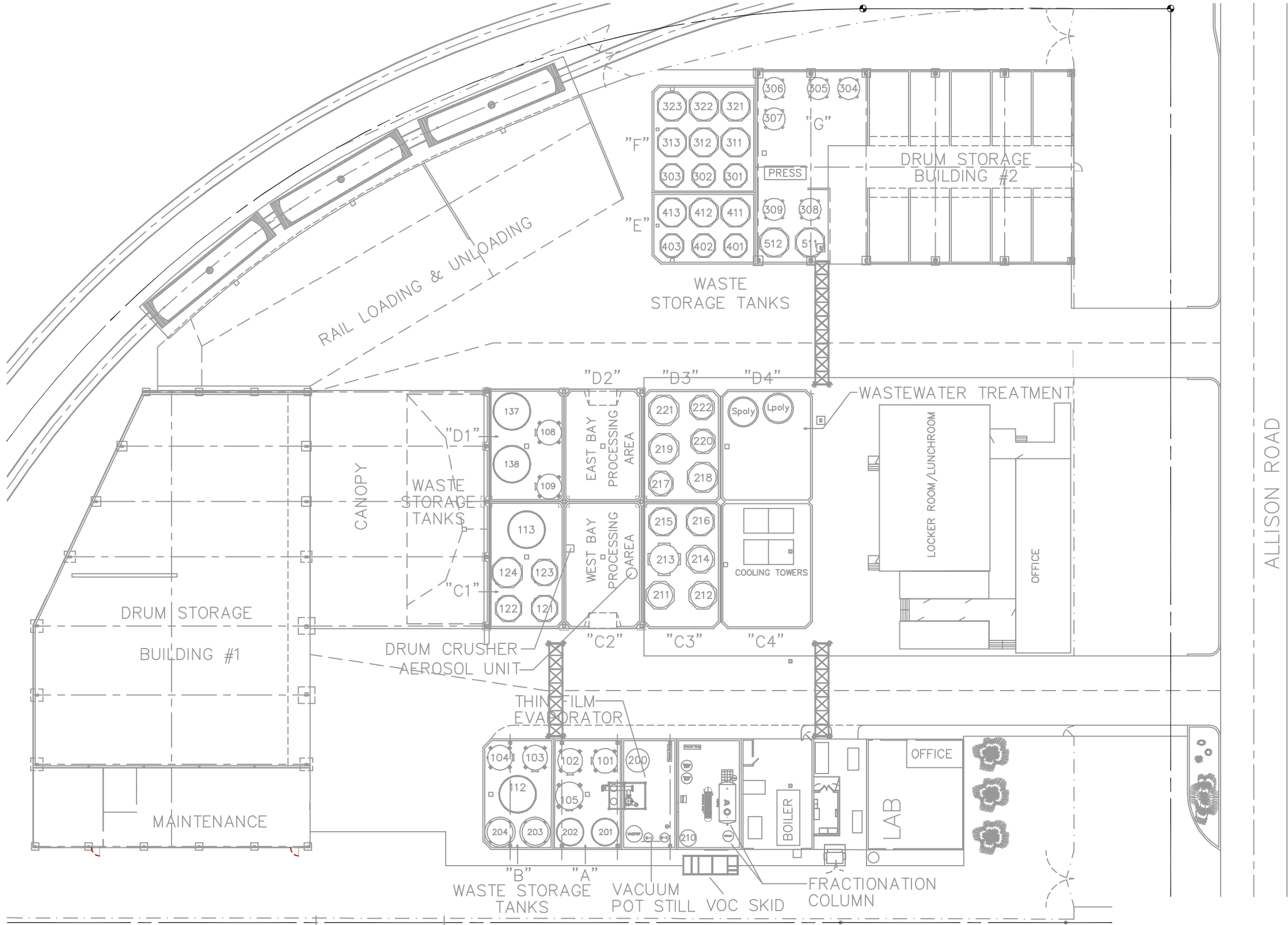
Drafter:

Date: 9/11/06

Contract Number:

Approved:

Revised:



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Drafter: RS Date: 6/16/05 Contract Number: 03-13617B
Approved: Revised:

Site Layout
Romic Environmental Technologies Corporation
Chandler, Arizona

Figure 2.3
Layout of Lone Butte Industrial Park
Romic Environmental Technologies Corporation
Chandler, Arizona

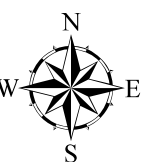
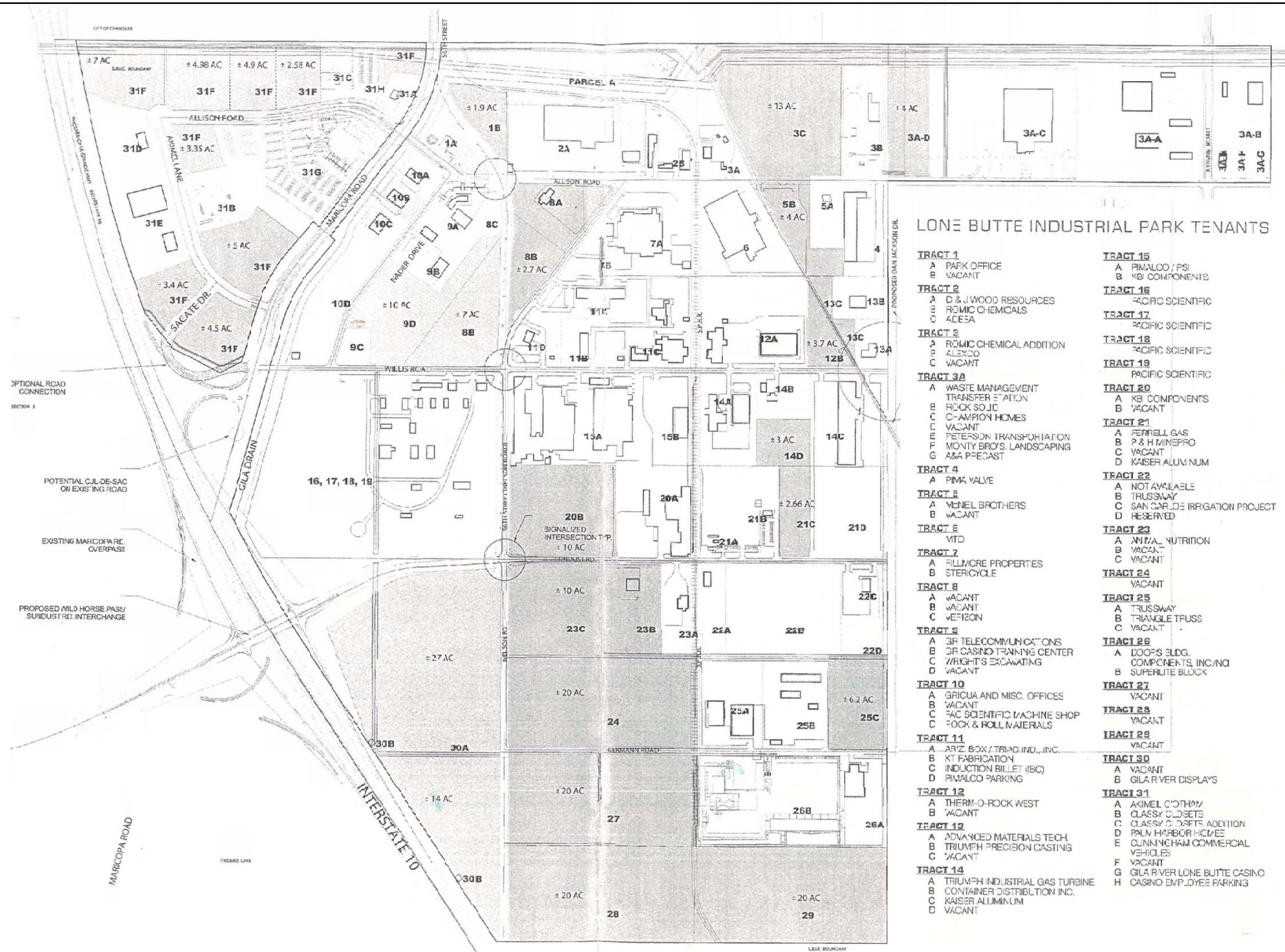
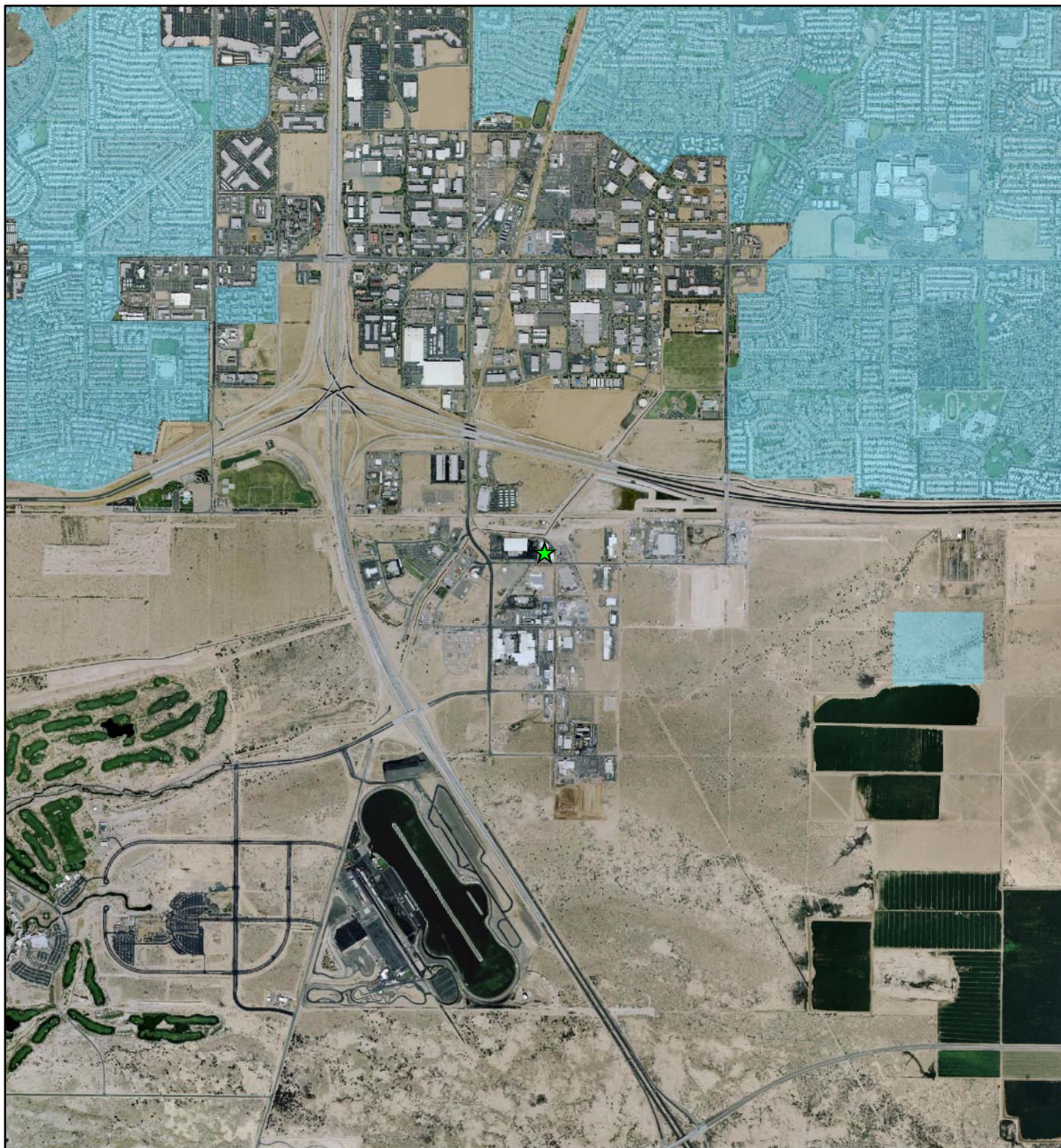


Figure 2.4
Residential Areas in the Vicinity of the Facility
Romic Environmental Technologies Corporation
Chandler, Arizona



Legend

- ★ Facility
- Residences

0.5 0.25 0 0.5 Miles



Figure 2.5
Sensitive Receptors in the Vicinity of the Facility
Romic Environmental Technologies Corporation
Chandler, Arizona

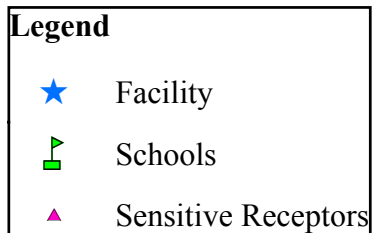
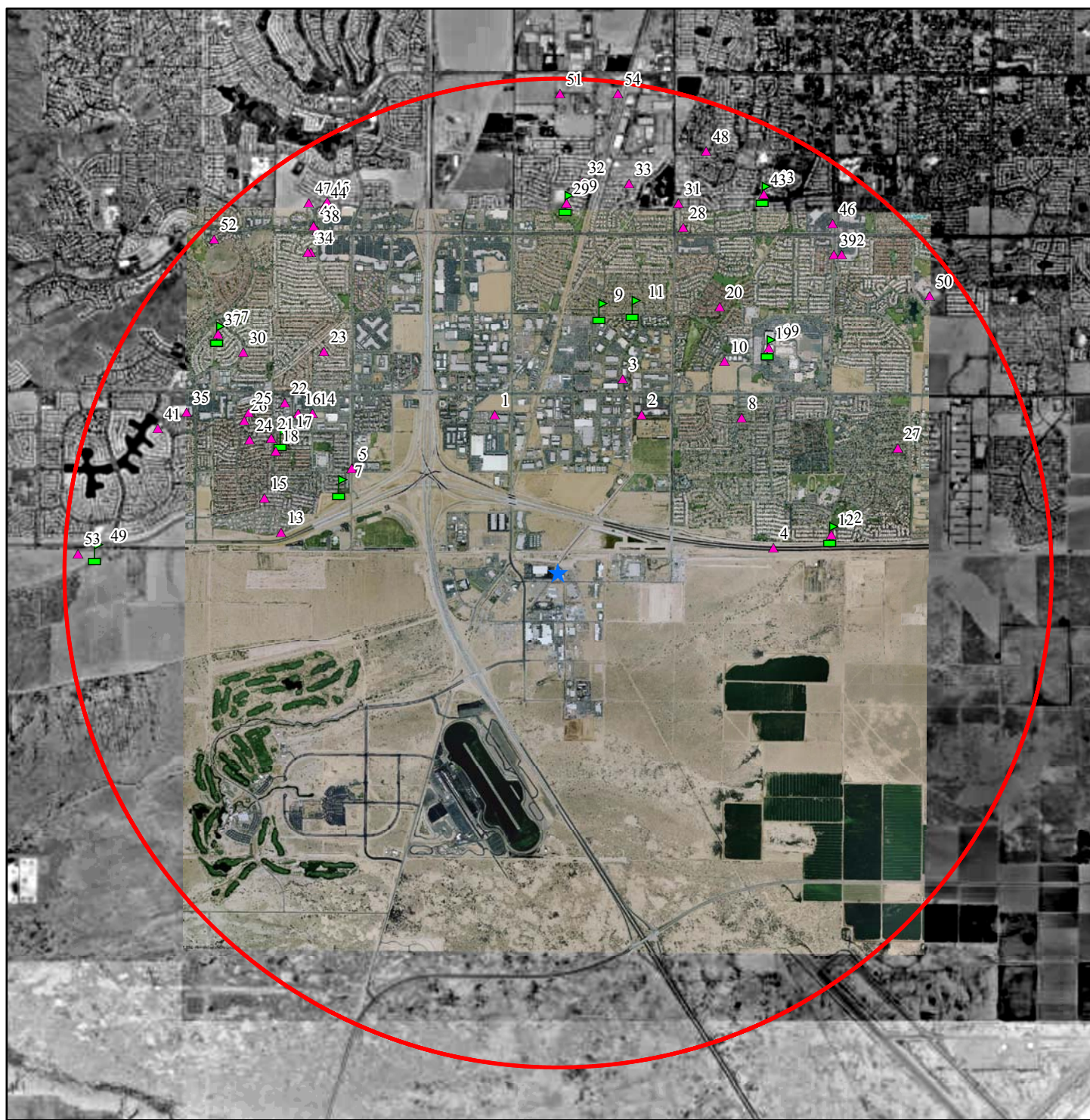
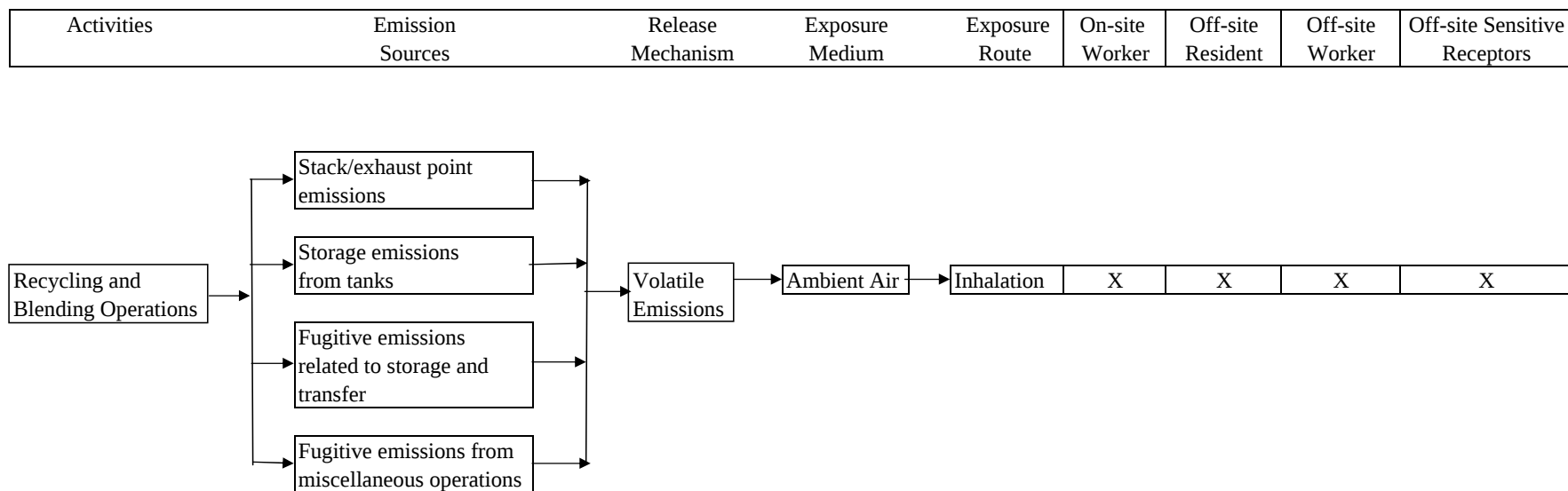
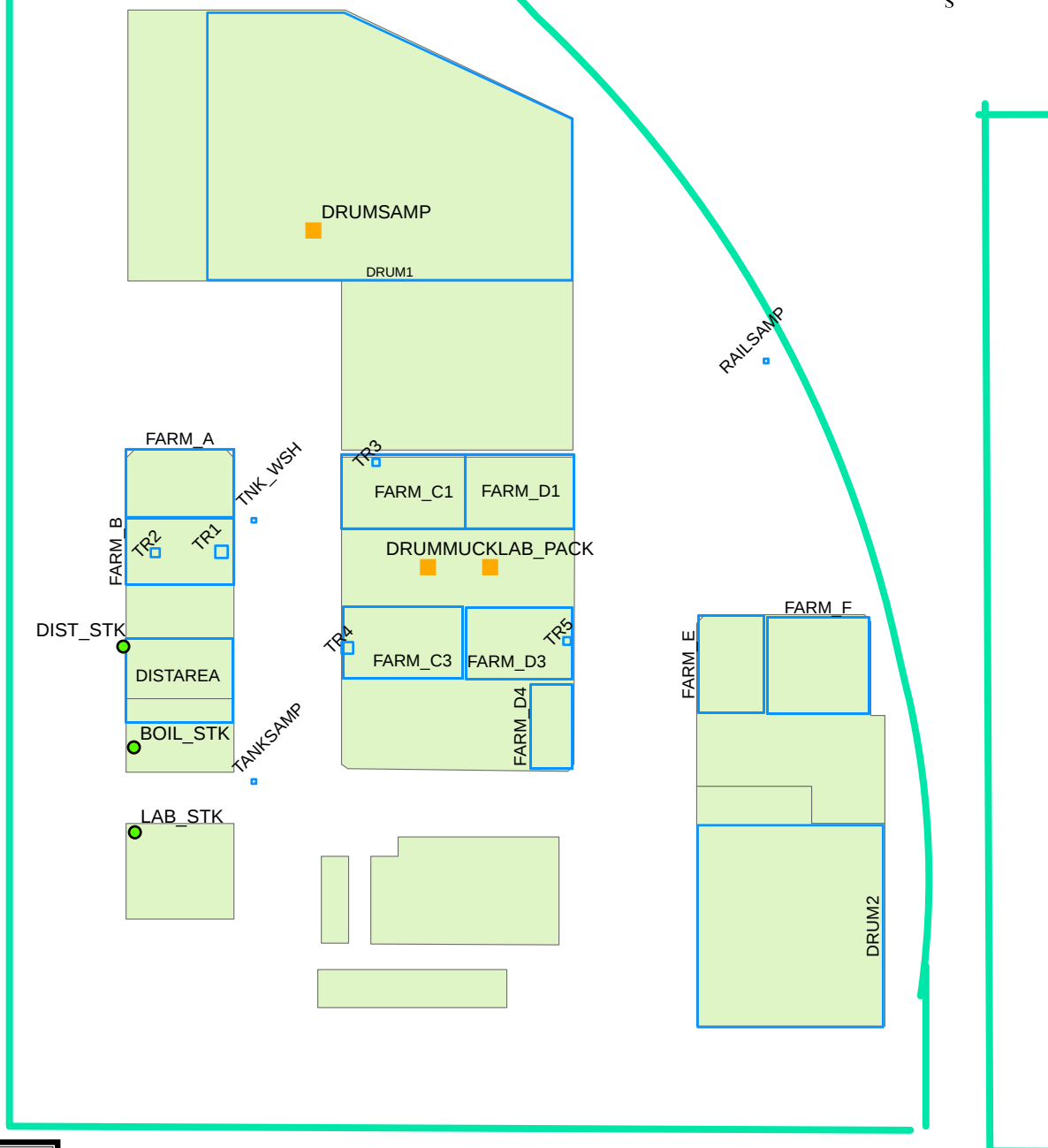


Figure 4.1
Conceptual Site Model
Romic Environmental Technologies Inc. - Chandler, Arizona





Legend

- Volume Sources
- Point Sources
- Area Sources
- Buildings
- Facility Boundary



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Source Layout
Romic Environmental Technologies Corporation
Chandler, Arizona

Figure

6.1

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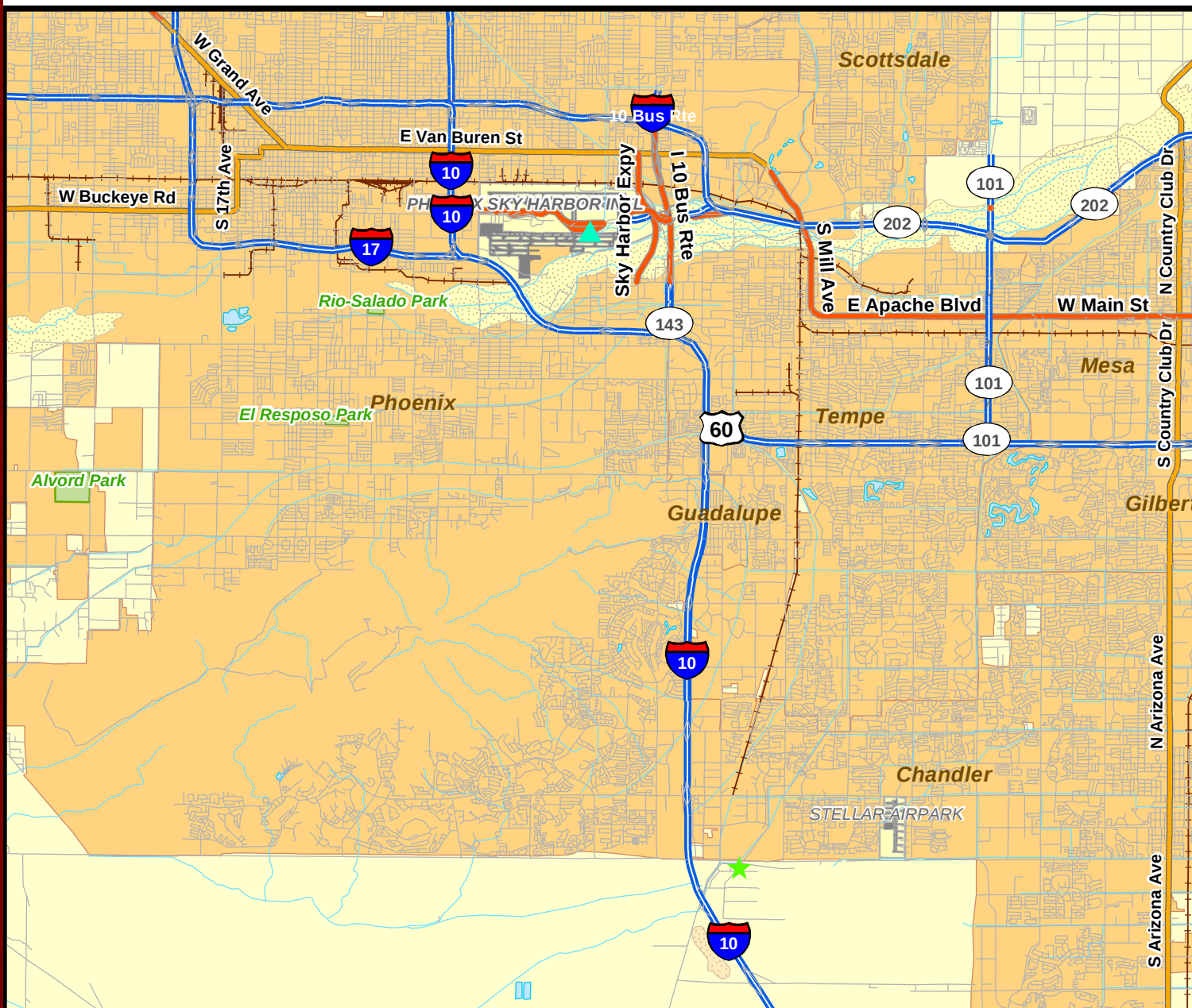
Drafter:

Date: 9/13/06

Contract Number:

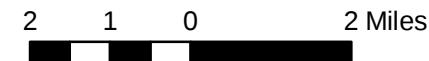
Approved:

Revised:



Legend

- ★ Facility
- ▲ Phoenix Sky Harbor Airport



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6001 Shellmound St., Suite 700, Emeryville, CA 94608

Regional Topography
Romic Environmental Technologies Corporation
Chandler, Arizona

Drafter:

Date: 8/21/06

Contract Number:

Approved:

Revised:

Figure

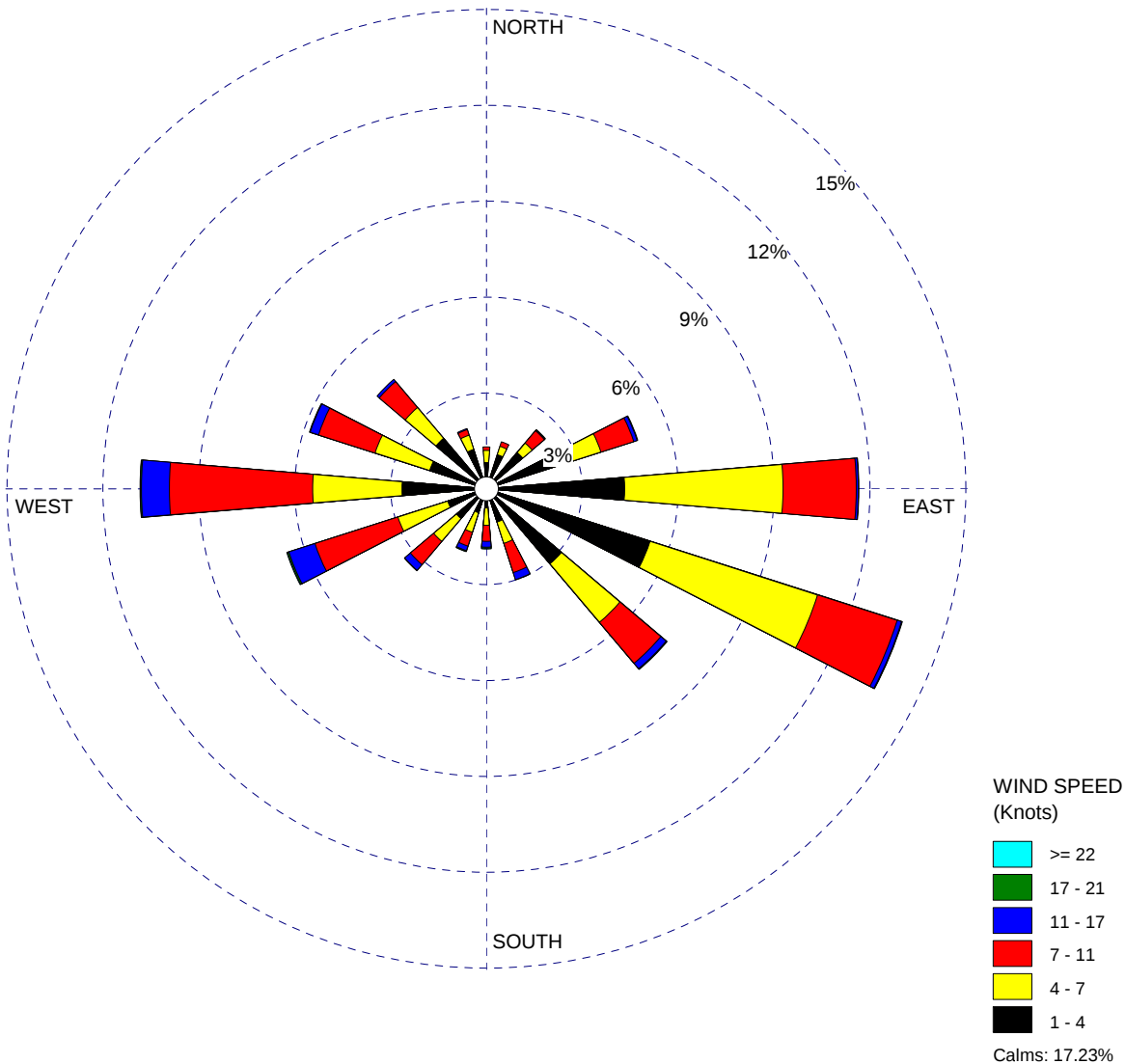
6.2

WIND ROSE PLOT:

Figure 6.3 Surface Windrose for Phoenix Sky Harbor International Airport (1994)

DISPLAY:

**Wind Speed
Direction (blowing from)**



COMMENTS:

DATA PERIOD:

**1994
Jan 1 - Dec 31
00:00 - 23:00**

COMPANY NAME:

MODELER:

CALM WINDS:

17.23%

TOTAL COUNT:

8760 hrs.

AVG. WIND SPEED:

4.85 Knots

DATE:

08/21/2006

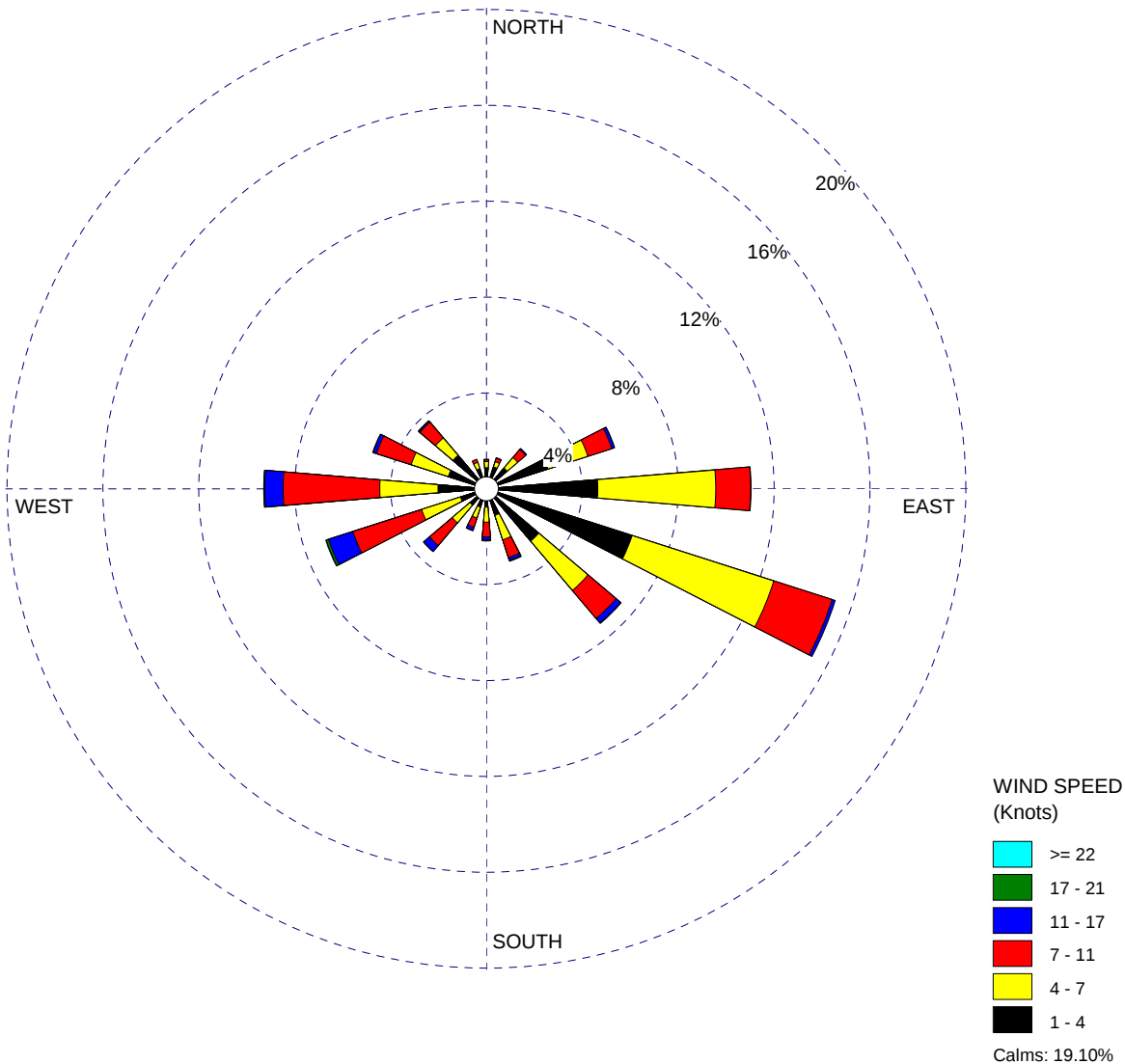
PROJECT NO.:

WIND ROSE PLOT:

Figure 6.4 Surface Windrose for Phoenix Sky Harbor International Airport (1995)

DISPLAY:

**Wind Speed
Direction (blowing from)**



COMMENTS:

DATA PERIOD:

**1995
Jan 1 - Dec 31
00:00 - 23:00**

COMPANY NAME:

MODELER:

CALM WINDS:

19.10%

TOTAL COUNT:

8760 hrs.

AVG. WIND SPEED:

4.70 Knots

DATE:

08/21/2006

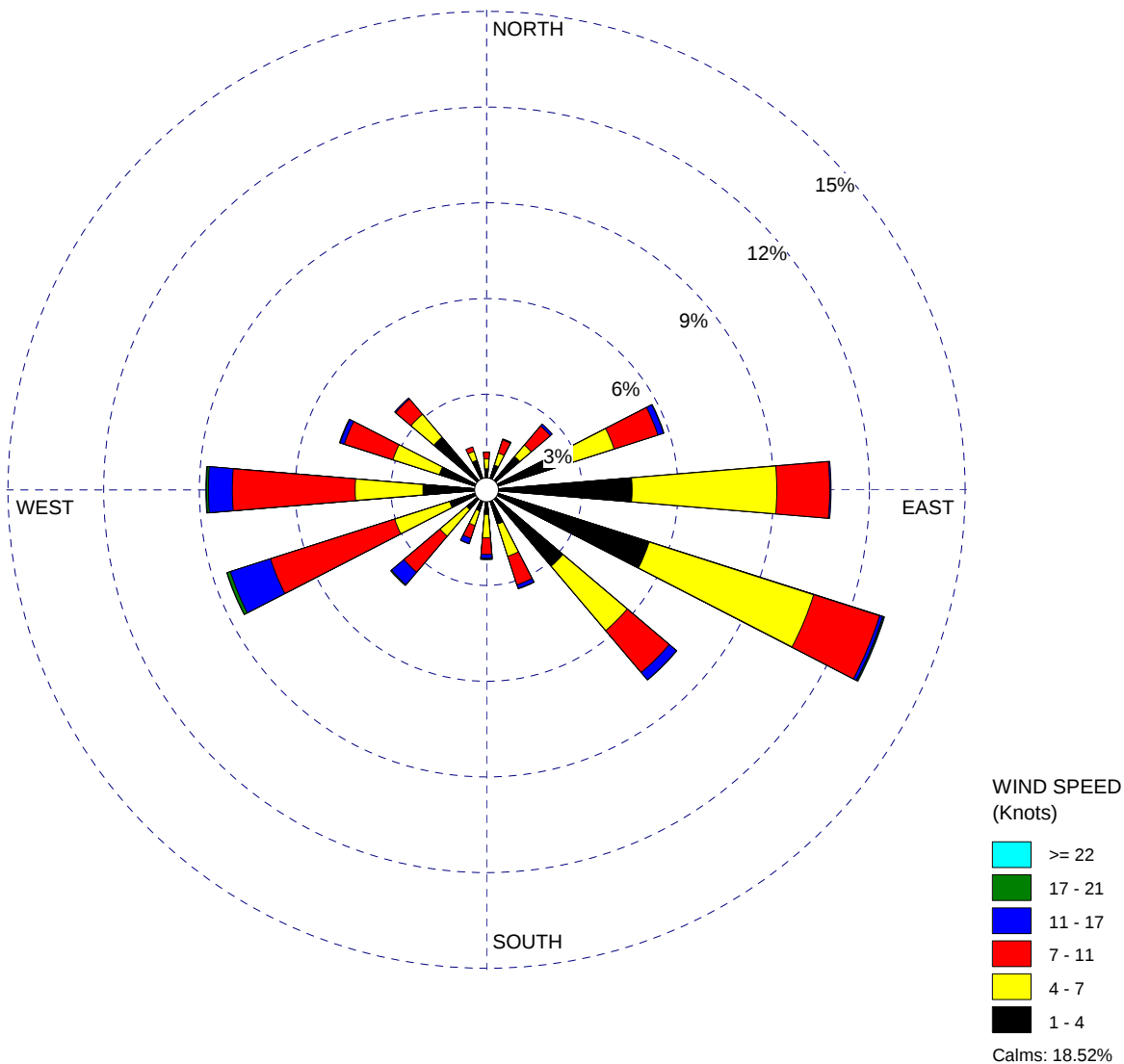
PROJECT NO.:

WIND ROSE PLOT:

Figure 6.5 Surface Windrose for Phoenix Sky Harbor International Airport (1996)

DISPLAY:

**Wind Speed
Direction (blowing from)**



COMMENTS:

DATA PERIOD:

**1996
Jan 1 - Dec 31
00:00 - 23:00**

COMPANY NAME:

MODELER:

CALM WINDS:

18.52%

TOTAL COUNT:

8784 hrs.

AVG. WIND SPEED:

4.88 Knots

DATE:

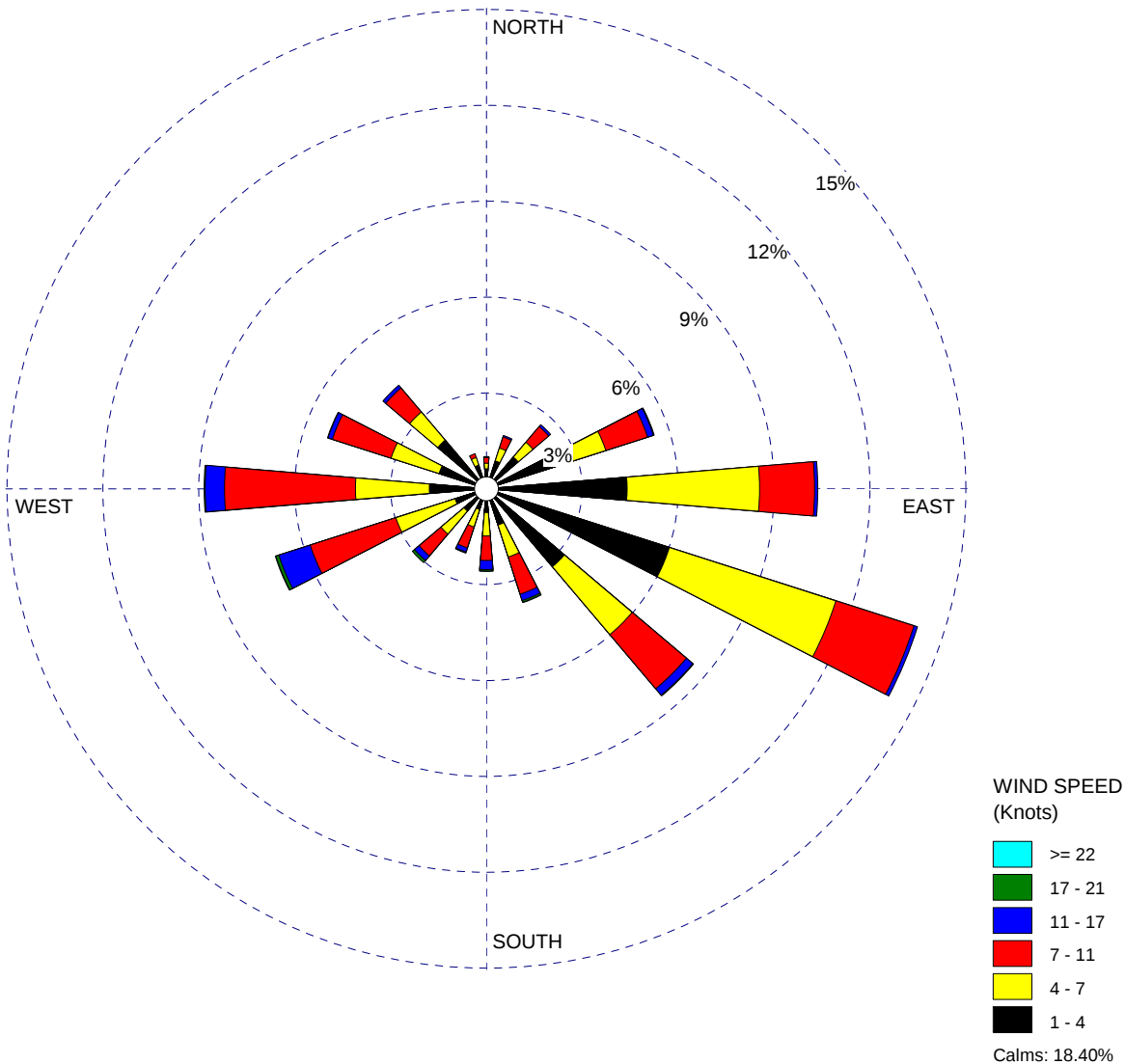
08/21/2006

PROJECT NO.:

WIND ROSE PLOT:

**Figure 6.6 Surface Windrose for Phoenix Sky Harbor International Airport
(1997)**

DISPLAY:

**Wind Speed
Direction (blowing from)**

COMMENTS:

DATA PERIOD:

**1997
Jan 1 - Dec 31
00:00 - 23:00**

COMPANY NAME:

MODELER:

CALM WINDS:

18.40%

TOTAL COUNT:

8760 hrs.

AVG. WIND SPEED:

4.88 Knots

DATE:

08/21/2006

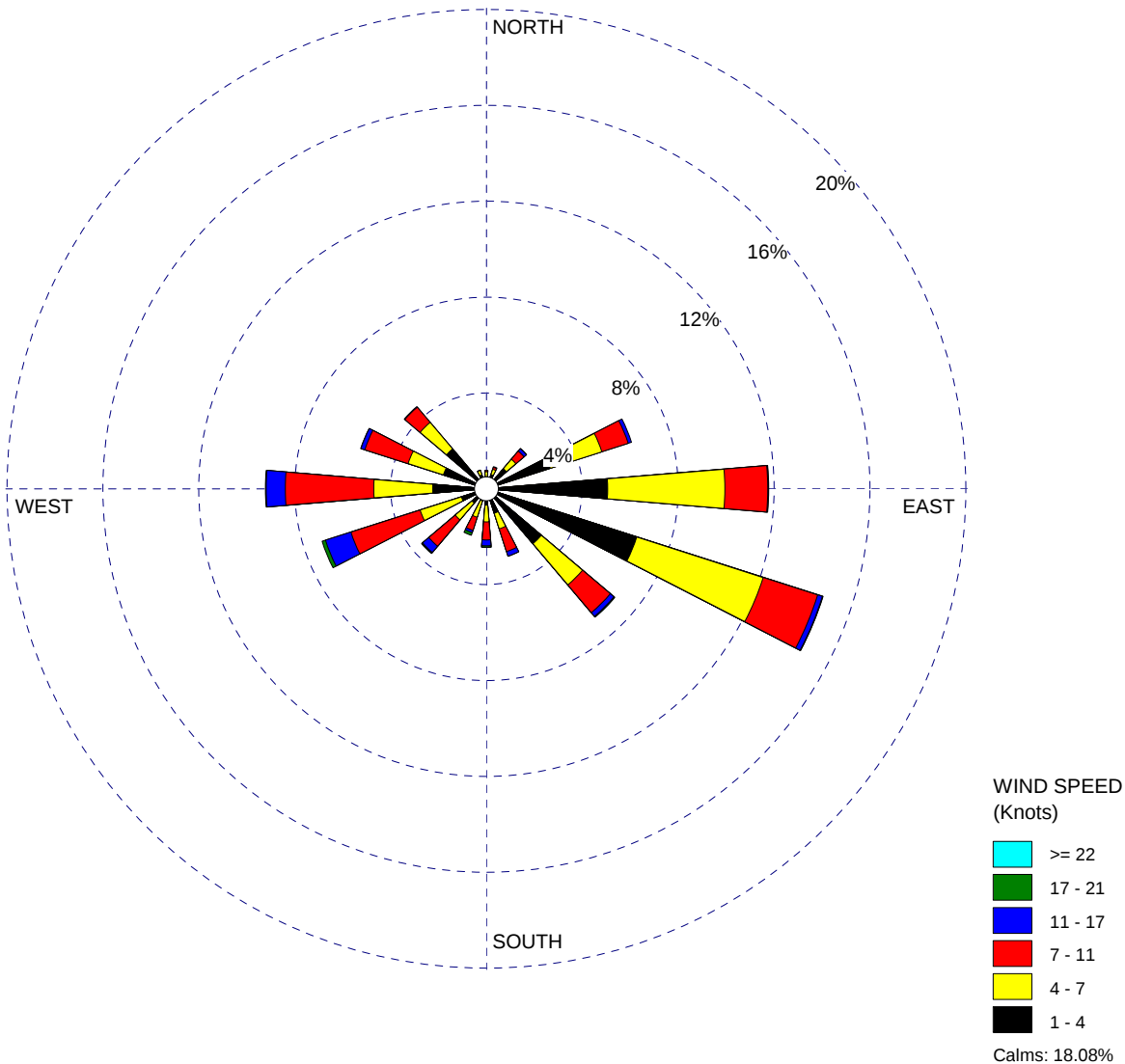
PROJECT NO.:

WIND ROSE PLOT:

Figure 6.7 Surface Windrose for Phoenix Sky Harbor International Airport (1998)

DISPLAY:

**Wind Speed
Direction (blowing from)**



COMMENTS:

DATA PERIOD:

**1998
Jan 1 - Dec 31
00:00 - 23:00**

COMPANY NAME:

MODELER:

CALM WINDS:

18.08%

TOTAL COUNT:

8760 hrs.

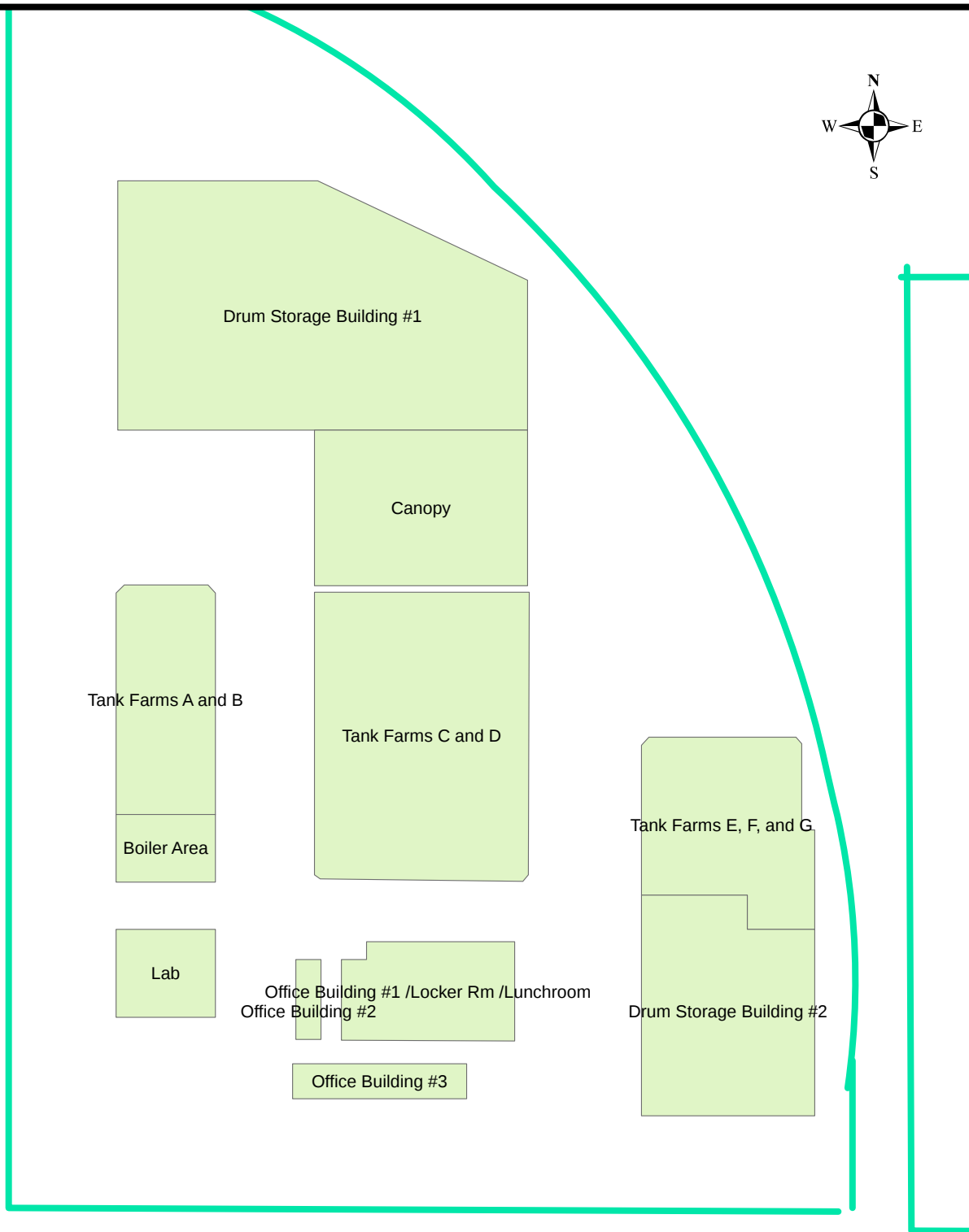
AVG. WIND SPEED:

4.85 Knots

DATE:

08/21/2006

PROJECT NO.:



Legend

Buildings

Facility Boundary



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Building Downwash Parameters
Romic Environmental Technologies Corporation
Chandler, Arizona

Figure

6.8

Drafter:

Date: 8/21/06

Contract Number:

Approved:

Revised:



Legend

- ★ Facility
- Worker Receptor



0.25 0.125 0 0.25 Kilometers

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Off-Site Worker Receptors
Romic Environmental Technologies Corporation
Chandler, Arizona

Figure

6.9

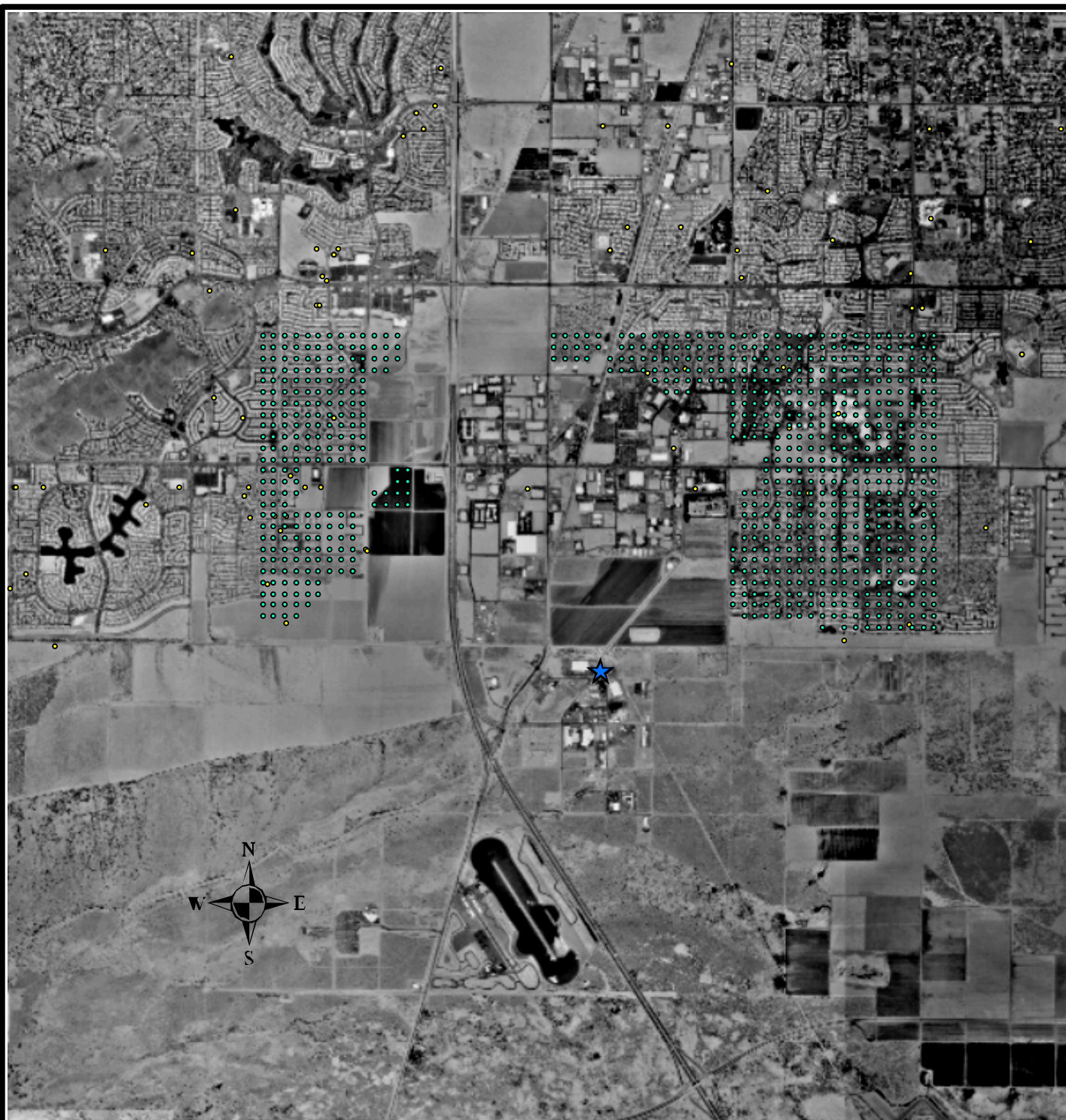
Drafter:

Date:

Contract Number:

Approved:

Revised:



Legend

- ★ Facility
- Sensitive Receptors
- Residential Receptor



1 0.5 0 1 Kilometers

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6001 Shellmound St., Suite 700, Emeryville, CA 94608

Off-Site Residential and Sensitive Receptors
Romic Environmental Technologies Corporation
Chandler, Arizona

Figure

6.10

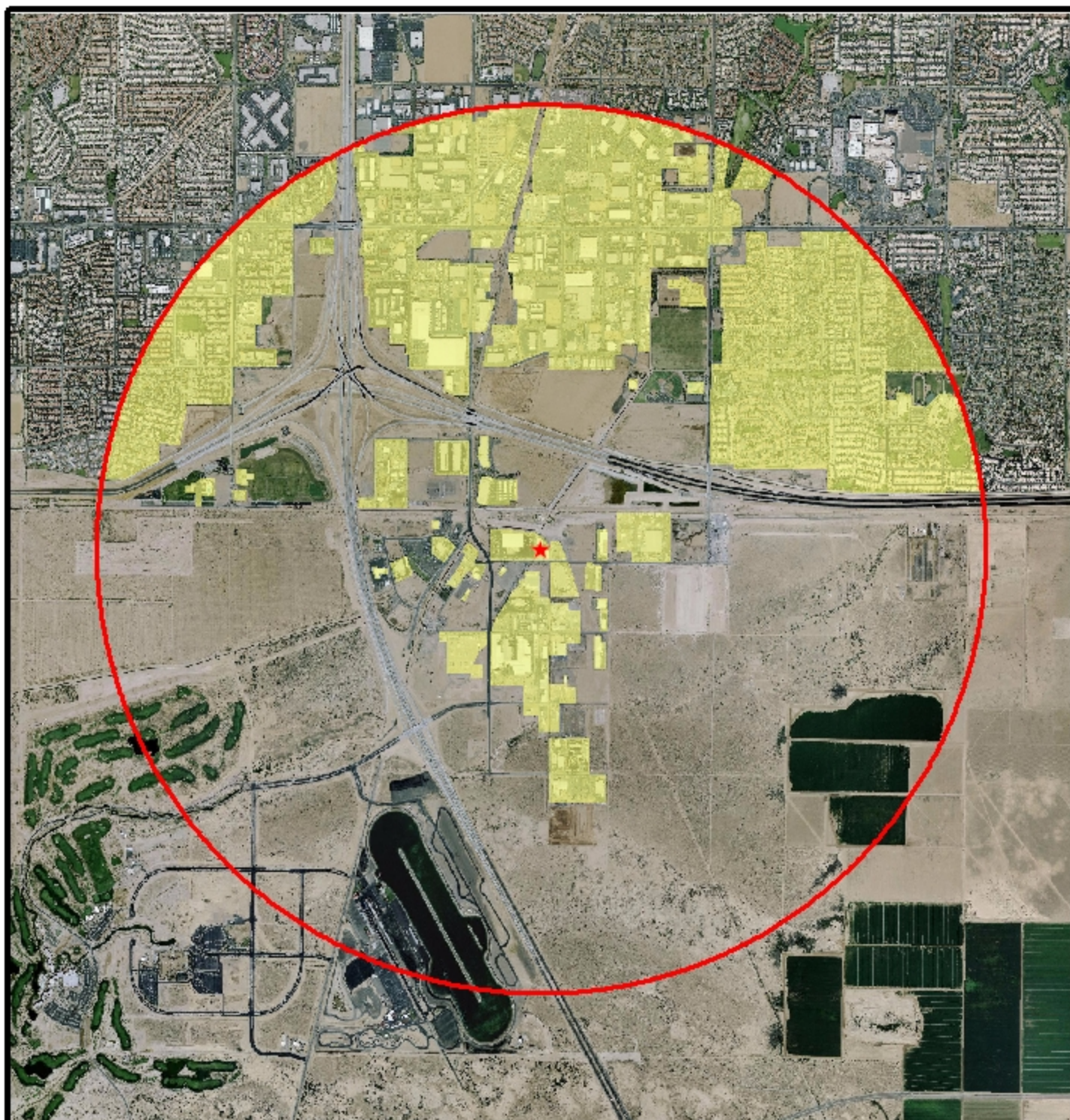
Drafter:

Date:

Contract Number:

Approved:

Revised:



Legend

- ★ Facility location
- Urban land use
- 3 kilometer radius

1 0.5 0 1 Kilometers



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6001 Shellmound St., Suite 700, Emeryville, CA 94608

Land Use Analysis
Romic Environmental Technologies Corporation
Chandler, Arizona

Figure

6.11

Drafter:

Date:

Contract Number:

Approved:

Revised:



Legend

- ★ Facility
- 10E-6

225 112.5 0 225 Meters



ENVIRON

6001 Shellmound St., Suite 700, Emeryville, CA 94608

Isopleth - Worker Risks - AEI
Romic Environmental Technologies Corporation
Chandler, Arizona

Figure

7.1

Drafter:

Date: 9/11/06

Contract Number:

Approved:

Revised:



Legend

- ★ Facility
- 10E-5
- 10E-6

225 112.5 0 225 Meters



ENVIRON

6001 Shellmound St., Suite 700, Emeryville, CA 94608

Isopleth - Worker Risks - RME
Romic Environmental Technologies Corporation
Chandler, Arizona

Figure

7.2

Drafter:

Date: 9/11/06

Contract Number:

Approved:

Revised: