Villa Capri
IRA-38
La Cholla Blvd
FWID-72
Flowing Wells Rd
IRA-32
IRA-33
IRA-37
IRA-36
2104
2106
2108
2110
2112
2114
IRA-24
IRA-35
Wetmore Rd
IRA-34
IRA-25
IRA-39
5
IRA-26
FWID-70
FWID-66
2116
IRA-5
IRA-10-230
IRA-9
FWID-75
Friedman Recycling
Douglas
Roger Rd
IRA-11-210
IRA-13-210
2118
2120
A Family Discount Storage
IRA-41
IRA-14
IRA-2
Public Storage, Inc.
0.1
2122
R.E. Darling (Fairfax Industrial Park)
IRA-12-210
IRA-8
Fairfax
IRA-3
IRA-6
Abrams Airborne Manufacturing, Inc.
IRA-1
IRA-7
IRA-31
Spring Joint Specialists, Inc.
Desert Auto & Refrigeration
2124
Prince Rd
2126
IRA-4
Romero Rd
N
0 350 700 1,400 Feet

Active FWID Well
Inactive FWID Well
Private Well
Abandoned Well
Regional Monitor Well
Regional Monitor Well Installed 2013

Chromium (mg/L)
TCE Contour (µg/L)
Property Boundaries
Groundwater Elevation Contour

Regional Aquifer Chromium & TCE Concentration Map December 2011 Miracle Mile WQARF Site Tucson, Arizona

Figure from the Groundwater Monitoring Report, December 2011

ADEQ Arizona Department of Environmental Quality

6/20/2013

URS

Tucson Proj: P:\ADEQ_Miracle_Mile\FY2013 24097087-89\5_0_Technical\GIS maps\MM regional Cr_TCE 12_2011 Updated.mxd (BLC 6/20/2013)

Tucson Proj: P:\ADEQ_Miracle_Mile\FY2013 24097087-89\5_0_Technical\GIS maps\Fig 10 - MM TCE perched 12_2011 Updated.mxd (WNeese 6/20/2013)

IRA-40
NS

Roger Rd

Friedman
Recycling

IRA-11-70
NS

A Family
Discount
Storage

Romero Rd

IRA-15
NS

Public
Storage, Inc.

IRA-17
547

R.E. Darling
(Fairfax Industrial Park)

IRA-21
54.4

IRA-12-70
17.2

IRA-18
569

IRA-20
NS

Fairfax

IRA-16
446

IRA-22
48.2

IRA-19
2,110

IRA-27
92.1

IRA-23
NS

IRA-28
NS

Abrams Airborne
Manufacturing, Inc.

IRA-29
132

IRA-30
133

SJ-MW-03
NS

Desert Auto &
Refrigeration

Spring Joint
Specialists, Inc.

SJ-MW-01
NS

SJ-MW-02
123

Prince Rd

N

0 125 250 500 Feet

Perched Monitor Well

Abandoned

Perched Monitor Well Installed 2013

Property Boundary

NS: Not sampled

Updated 6/19/2013

Figure from the
Groundwater Monitoring
Report, December 2011

Perched Groundwater TCE Concentration Map (ug/L) December 2011 Miracle Mile WQARF Site Tucson, Arizona

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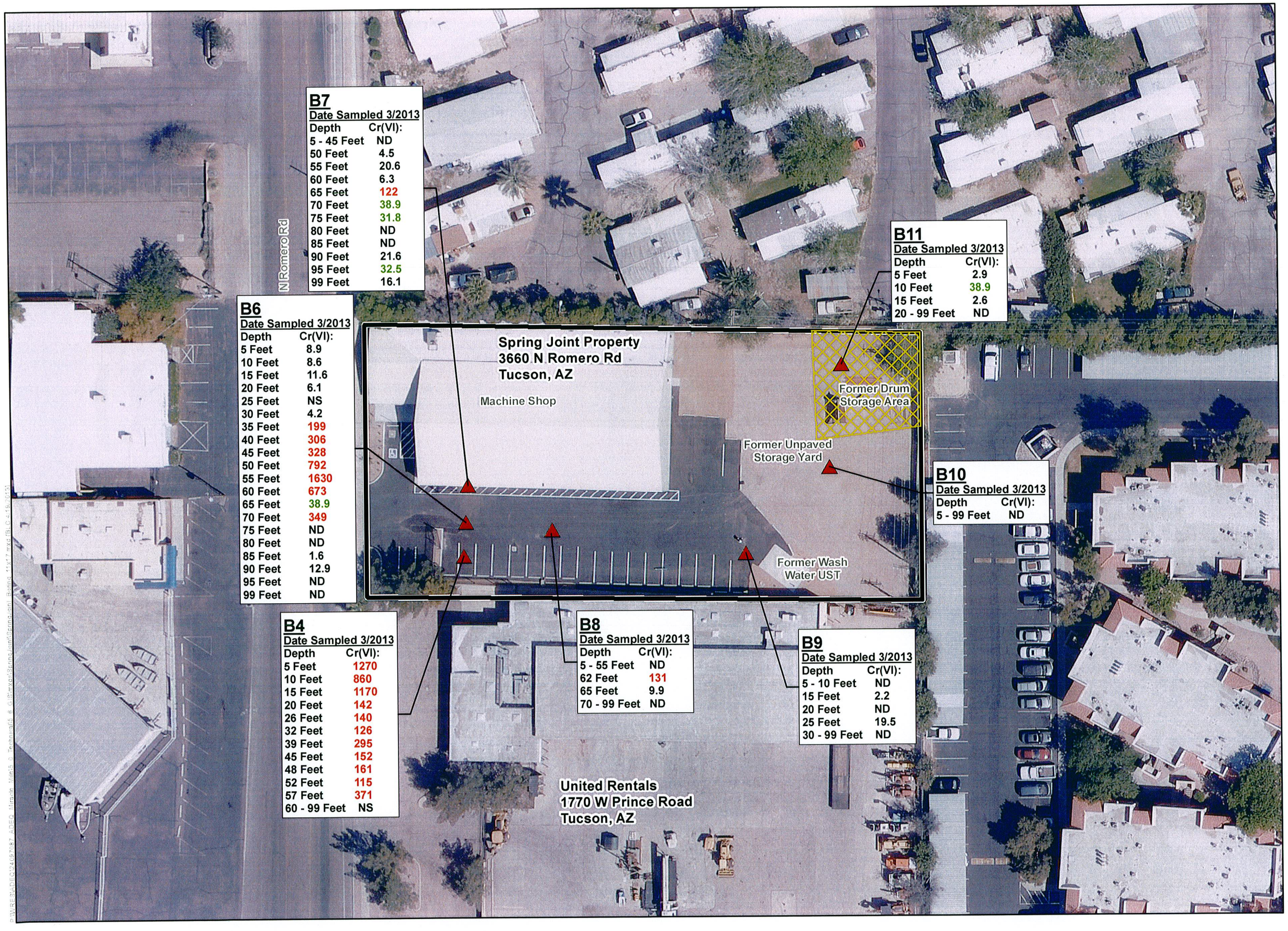
Figure 1

Spring Joint Site Boring Locations with Hexavalent Chromium Concentration

Miracle Mile WQARF Site Tucson Arizona



B7
Date Sampled 3/2013

Depth	Cr(VI):
5 - 45 Feet	ND
50 Feet	4.5
55 Feet	20.6
60 Feet	6.3
65 Feet	122
70 Feet	38.9
75 Feet	31.8
80 Feet	ND
85 Feet	ND
90 Feet	21.6
95 Feet	32.5
99 Feet	16.1

B6
Date Sampled 3/2013

Depth	Cr(VI):
5 Feet	8.9
10 Feet	8.6
15 Feet	11.6
20 Feet	6.1
25 Feet	NS
30 Feet	4.2
35 Feet	199
40 Feet	306
45 Feet	328
50 Feet	792
55 Feet	1630
60 Feet	673
65 Feet	38.9
70 Feet	349
75 Feet	ND
80 Feet	ND
85 Feet	1.6
90 Feet	12.9
95 Feet	ND
99 Feet	ND

B11
Date Sampled 3/2013

Depth	Cr(VI):
5 Feet	2.9
10 Feet	38.9
15 Feet	2.6
20 - 99 Feet	ND

B10
Date Sampled 3/2013

Depth	Cr(VI):
5 - 99 Feet	ND

B4
Date Sampled 3/2013

Depth	Cr(VI):
5 Feet	1270
10 Feet	860
15 Feet	1170
20 Feet	142
26 Feet	140
32 Feet	126
39 Feet	295
45 Feet	152
48 Feet	161
52 Feet	115
57 Feet	371
60 - 99 Feet	NS

B8
Date Sampled 3/2013

Depth	Cr(VI):
5 - 55 Feet	ND
62 Feet	131
65 Feet	9.9
70 - 99 Feet	ND

B9
Date Sampled 3/2013

Depth	Cr(VI):
5 - 10 Feet	ND
15 Feet	2.2
20 Feet	ND
25 Feet	19.5
30 - 99 Feet	ND

Legend

- Boring Location
- Spring Joint Property Boundary
- Asphalt Cap Approximately 53 feet x 56 feet

Notes:
NS: Not Sampled
ND: Not Detected

Soil Samples (in mg/Kg)

For analytical results associated with soils:
x.x Result below Residential Soil Remediation Level
xx.x Result above Residential Soil Remediation Level
xx.x Result above Non-Residential Soil Remediation Level

N

0 10 20 30 40 50

Feet
1 in = 50 ft
when printed
at 11x17 inches

DRAFT: 4/19/2013

URS

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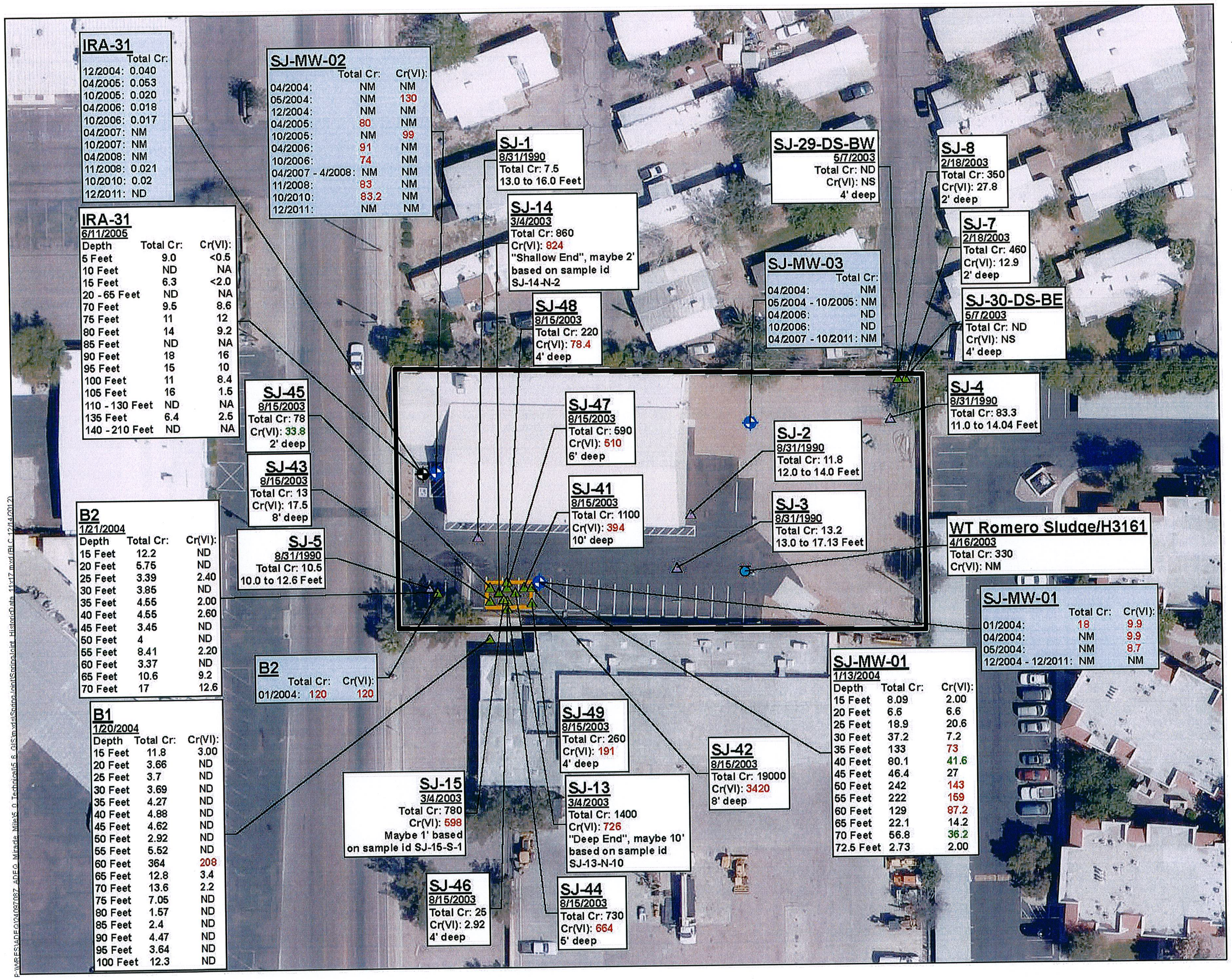
Figure 2

Spring Joint Site Historic Soil and Groundwater Data



Miracle Mile WQARF Site Tucson Arizona

Legend

- Perched Well
- Regional Monitor Well
- Approximate Western Tech Boring Location
- Approximate Boring Locations 1990
- Former Underground Storage Tank (UST)
- Approximate Western Tech Excavation Site*
- Spring Joint Property Boundary

*Following samples were collected from stockpiles generated during excavation outlined on this figure in the southwest quadrant of the property.

Location	Date	Total Cr	Cr(VI)	TCLP
SJ-50	8/15/2003	1700	NM	54 mg/kg
SJ-51	8/15/2003	8200	NM	320 mg/kg

Notes:
TCLP: Toxicity Characteristic Leaching Procedure
NA: Not Analyzed
NM: Not Measured
ND: Not Detected

Groundwater Samples (in mg/l)

Soil Samples (in mg/Kg)

For analytical results associated with soils (includes sludge and stockpile materials):
x.x Result below Residential Soil Remediation Level
xx.x Result above Residential Soil Remediation Level
xx.x Result above Non-Residential Soil Remediation Level

For analytical results associated with groundwater:
x.x Result below Arizona Water Quality Standard
xx.x Result above Arizona Water Quality Standard

N

0 10 20 30 40 50

Feet
1 in = 50 ft
when printed
at 11x17 inches

6/26/2013

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P:\WPFS\ADEQ\24097087_ADEQ_Miracle Mile\5.0 Technical\5.6_GIS\mxd\SpringJoint\SpringJoint_HistoricData_11x17.mxd (BLC 12/14/2012)