B039B ND
SS015A ND
B084A ND
B085A ND
WR238A ND
R006A ND
WR239A ND
SS017A ND
R007A 0.84
R008A ND
WR237A ND
R009A ND
WR236A ND
WR076S 1.7
WR-701A 1.4
WR240A 2.8
WR165A 4.8
WR090S 4.2
WR089S 2.5
WR087S 1.8
SS023B ND
SS021A ND
WR241A 1.5
WR085S 6.3
EPA-10 0.67
WR163A (1.50)
WR091S 3.6
WR084S ND
PW-007 ND
WR-700A 3.8
WR059A (ND)
WR059B 5
R005A 5.7
R004A 6.5
R003A 7
R002A 6.1
PK010A 1.4
R001A 6.1
WR082S 6.6
WR058B 5.2
WR058A (ND)
PW-014 1.9
PW-012 (ND)
PW-003 ND
C064B (1.4)
C064A 1.30
WR081S 3.6
WR080S 5.3
C077A ND
C078A 0.51
PW-013 ND
WR078S 8
WR055B (ND)
WR057A 7
WR057B (0.98)
PW-020 2.3
WR056C 5.8
WR056A (ND)
WR056B 6.5
WR077S 4.8
WR086S 7
C066A 1.4
D-4 3.5
D-9 3.3
D-7 6.6
D-8 6.8
D-5 6.1
D-6 7.2
D-2 6.3
D-1 5.7
D-3 5.6
WR079S (SF-09) 3.2
C081A (ND)
M-36 3.5
SF-05 (WR075S) 15
E-08M 5.4
M-35 (0.47)
MWR-2 5.9
E-09R 5
E-07M 4.7
EPA-05 3.5
M-37 0.58
E-06 2
E-05 5.7
R-07M (4.1)
EPA-03 (13.0)
M-31 4.4
M-32 4.5 (Nov 09)
EPA-02 2.6 (Nov 09)
E-04 1.1
M-12A ND
E-24 2.1
E-02 3.9
M-07 8.6 (Nov 09)
E-01 12
M-23 2.7 (Nov 09)
M-81 2
M-08 ND
M-02B ND
E-23 1.5
E-12M 6.1
M-13 ND
E-27 9.3
M-48 1.9
M-10 ND
M-45 4.5
B119 4.6
B120 ND

Benson Highway
Irvington Rd
W Drexel Rd
E Drexel Rd
Valencia Rd
Los Reales Rd
Aero Park Blvd
E Hermans Rd
Nogales Highway
South Access Rd
Hughes Access Rd
TUCSON INTERNATIONAL AIRPORT
19

RGWUNDIV - LOWER
RGWUNDIV - UPPER

Legend

WR056B 6.5	WELL LOCATION ID AND VALUE FOR UZUU UZUNDIF UZUNDIV
C061A (ND)	WELL LOCATION ID AND VALUE IN PARENTHESIS FOR RGW LOWER ZONE
M-35 (0.47)	WELL LOCATION ID AND VALUE IN PARENTHESIS FOR RGW UPPER ZONE LOWER UNIT

NOTE: WELL IDs AND DATA PLOTTED FOR SAMPLED WELLS ONLY
PLUME BOUNDARY DRAWN USING 2009 DATA SUPPLEMENTED WITH 2010 DATA

WELL SCREENING INFORMATION

- SHALLOW GROUNDWATER ZONE (AFP44) AND GRAVEL SUBUNIT (AIRPORT)
- RGW UPPER ZONE UPPER UNIT
- RGW UPPER ZONE LOWER UNIT
- RGW UPPER ZONE, UPPER UNIT AND LOWER UNIT
- RGW UPPER ZONE UNDIFFERENTIATED
- RGW UNDIVIDED
- RGW LOWER ZONE
- RGW UPPER ZONE AND LOWER ZONE
- NA, UNKNOWN, VADOSE ZONE
- NOT ABLE TO BE SAMPLED
- VAPOR MONITORING WELL - ONLY SHOWING THOSE RECENTLY SAMPLED

RGW = REGIONAL GROUNDWATER

1,4-Dioxane

Plume Depicts Data from 2009 and the 2010 Sampling Event (Jan - March)

- ≥ 12 µg/L
- 6 µg/L
- 3 µg/L

APPROXIMATE CONTACT BETWEEN DIVIDED (UPPER AND LOWER ZONE) AND UNDIVIDED AQUIFER BOUNDARY

APPROXIMATE CONTACT BETWEEN UPPER ZONE DIFFERENTIATED (UPPER AND LOWER UNITS) AND UPPER ZONE UNDIFFERENTIATED AQUIFER BOUNDARY

ACTIVE EXTRACTION WELL

ACTIVE RECHARGE WELL

SHEET TITLE
FIGURE 2

Project Number:
60275600

1,4-DIOXANE GROUNDWATER PLUME MAP WINTER 2010 DATA

TIAA AREA A AND AFP44
TUCSON, ARIZONA

N

1,000 500 0 1,000 Feet

Designed by: CW
Drawn by: AS
Reviewed by: WD
Submitted by: AECOM

AIR FORCE CIVIL ENGINEER CENTER
AERONAUTICAL SYSTEMS CENTER

L:\group\CAD\afp44\Diox TCE Chrom Feb10\Dioxane\Dioxane UZUU UZUNDIF UNDIV NOV12.mxd 11/20/2012 User (RasmussenS1)