FIGURES

EXPLANATION

RT-1 WELLS LOCATION AND IDENTIFIER

79.1 DISSOLVED SULFATE CONCENTRATION (mg/L)
DUPLICATE RESULTS SEPARATED BY /

ISOCONCENTRATION CONTOUR
(DASHED WHERE INFERRED)

WELL NEST
Screen (ft bgs): Groundwater Elev. (ft amsl) — MH-13

SAHI-1 229
S-40 194
El Toro 204
Guihuis 189
M-2 470
S-46 71.9
S-19A 108
ST-5 28.7
ST-6 41.1
1259 100
RT-1 130
M-1 9.5
ST-7 32.7
S-44 180
M-5
M-11 11
1225 1,100
M-10 66
M-9 61
GV-02-PCWW 140
M-7 430
M-8 23
CW-9 44.9
CW-7 807
CC of GV 133
RRGC-2 173/174
MH-26A,B,C 418-538:<10 620-730:1590 780-900:740
ESP-3 37.5
RRGC-4 56.9/56.9
BSP-2 31.3
Santa Rita Ranch 1 39.0
Haven Golf 107
PZ-7 340
MH-25A,B,C 410-530:<10 580-680:1680 731-901:1250
ESP-1 242
MH-30 1760
IW-21 1620
IW-20 1630
IW-19 1630
IW-18 1660
IW-17 1600
IW-16 1730
IW-15 1730
IW-14 1790/1810
MH-28 1920
IW-12 1620
IW-6A 1800
IW-11 1700
IW-22 1660
IW-10 1670
IW-23 1640
IW-5 1710
MH-29 1650/1660
IW-4 1610/1590
IW-9 1670
CW-8 449
CW-6 49.2/49.5
E-6 112
MH-12 1100
MH-11 1590
E-6A 137
W-9 106
PZ-8 460
MH-13A,B,C 300-650:1700 750-950:1100 1050-1350:100
CW-10 48.6
UA 82.6
GV-01-GVWD 40.9
GV-02-GVWD 103
MH-10 1310
IW-1 520
IW-2 110
CW-11 82.5
NP-2 182
SI Well/QV Water 5.7
Tolacatone 3.9
S-1 180
Taylor 3.6
Graeff 4.1
Goretcki/Steinman 94.2
S-2 80
Simpson 3.2
Canoa Ranch 111
Simons 3.6
S-3 80
S-4 80
Calderon 18.0
S-5 110
Johnson 64.8
S-6 130

50 100 250 500 1000 1500

N

0 2000 4000 6000
SCALE IN FEET

HYDRO GEO CHEM, INC.

SULFATE CONCENTRATIONS IN GROUNDWATER SAMPLES COLLECTED IN JANUARY AND FEBRUARY 2007

Approved	Date	Revised	Date	Reference:	FIG:
KAG	3/28/07			7830100A	1

EXPLANATION

M-2 WELLS LOCATION AND IDENTIFIER

2504.46 GROUNDWATER ELEVATION (FT AMSL)

ELEVATION CONTOUR - (DASHED WHERE INFERRED)

WELL NEST

Screen (ft bgs): Groundwater Elev. (ft amsl) MH-13

DATA FOR IW WELLS, RRQC-1, RRQC-2, AND RRQC-3 WERE NOT USED FOR CONTOURING

2500 2575 2550 2525 2550 2550 2575 2600 2625 2650 2675 2700 2725 2750 2775 2800 2825 2850 2875 2900 2925 3400 3300 3200 3100 3000 2900

RANCHO SAHUARITA 2476.28

MW2 2571.62

AXABCO-2 2555.18

AXABCO-1 2558.26

AXABCO-3 2563.65

S-40 2555.24

SAH-1-PCSW 2485.52

SAH-2 2499.85

Sahuarita

Sahuarita Heights

Gulhuis 2556.23

M-2 2504.46

M-4 2966.27

M-3 2587.49

S-43 2518.85

1759 2512.16

S-19A 2536.26

1759 2516.58

DT-6 2523.56

M-11 2518.70

DT-1 2520.09

CW-11 2532.30

S-44 2551.65

M-12 2522.31

M-9 2521.42

1225 2522.61

M-10 2530.75

M-9 2525.24

M-6 2526.99

M-7 2533.49

GV-02-PCWW 2610.37

GV-01-PCWW 2613.05

2125 2550.16

M-8 2537.26

PULLESZA 2569.33

A-95 2555.22

I-12 2555.18

I-10 2547.31

I-11 2559.27

IW-9 2530.10

RRQC-1 2670.33

RRQC-3 2678.25

RRQC-2 2546.98

CW-7 2562.50

CC of GV 2571.60

MH-26A,B,C 2575.24 2577.65 2575.01

ESP-3 2573.59

ESP-5 2597.56

ESP-2 2580.51

RRQC-4 2660.49

Santa Rita Ranch 1 2679.24

PZ-7 3406.72

MH-1 2733.66

MW1 2718.03

IW-19 2706.07

MH-26A,B,C 2603.47 2603.94 2603.67

ESP-1 2597.78

ESP-4 2607.31

PZ-9 3275.16

MH-30 2810.80

IW-20 2715.40

MH-14 2723.99

IW-18 2717.74

IW-16 2748.32

IW-17 2678.20

IW-7 2676.75

MH-5W 2726.12

IW-22 2694.67

IW-23 2629.33

MH-6 2752.66

IW-9 2694.03

MH-16W 2746.19

MH-8 2797.40

MH-10 2820.15

MH-3 2725.07

IW-7 2726.81

MH-12 2634.19

IW-15 2716.78

MH-11 2670.75

MH-28 2739.86

IW-6A 2693.91

MH-5 2732.10

IW-21 2696.16

MH-15E 2726.05

IW-10 2663.25

MH-29 2746.57

IW-4 2716.37

MH-7 2748.46

IW-8 2685.15

MH-16E 2747.27

IW-2 2691.49

IW-11 2755.00

GV-02-GVDWID 2745.17

GW-8 2621.00

GW-6 2622.00

C-4 2646.19

E-6 2656.23

RRQC-5 2709.52

E-5A 2673.44

W-9 2677.24

PZ-8 3269.22

CW-10 2691.30

GV-01-GVDWID 2721.35

W-12 2737.60

W-11 2759.25

NP-2 2774.67

SJ Well-GV Water 2805.47

Grandjean 2840.42

GV-07-GVDWID 2793.20

GV-06-GVDWID 2821.55

Graeb 2870.49

SANTA RITA RANCH 2 2811.71

Goretzki/Stellmon 2826.00

SALVATORE 2880.39

S-2 2817.36

Simpson 2893.58

Canoa Ranch 2868.37

Simons 2899.08

S-3 2850.98

S-4 2886.36

ROBERTS 2892.23

S-5 2908.35

Johnson 2899.66

S-6 2932.50

N

0 2000 4000 6000

SCALE IN FEET

HYDRO GEO CHEM, INC.

GROUNDWATER ELEVATIONS FOR JANUARY THROUGH FEBRUARY 2007

Approved	Date	Revised	Date	Reference:	FIG:
KAG	3/28/07			7830101A	2