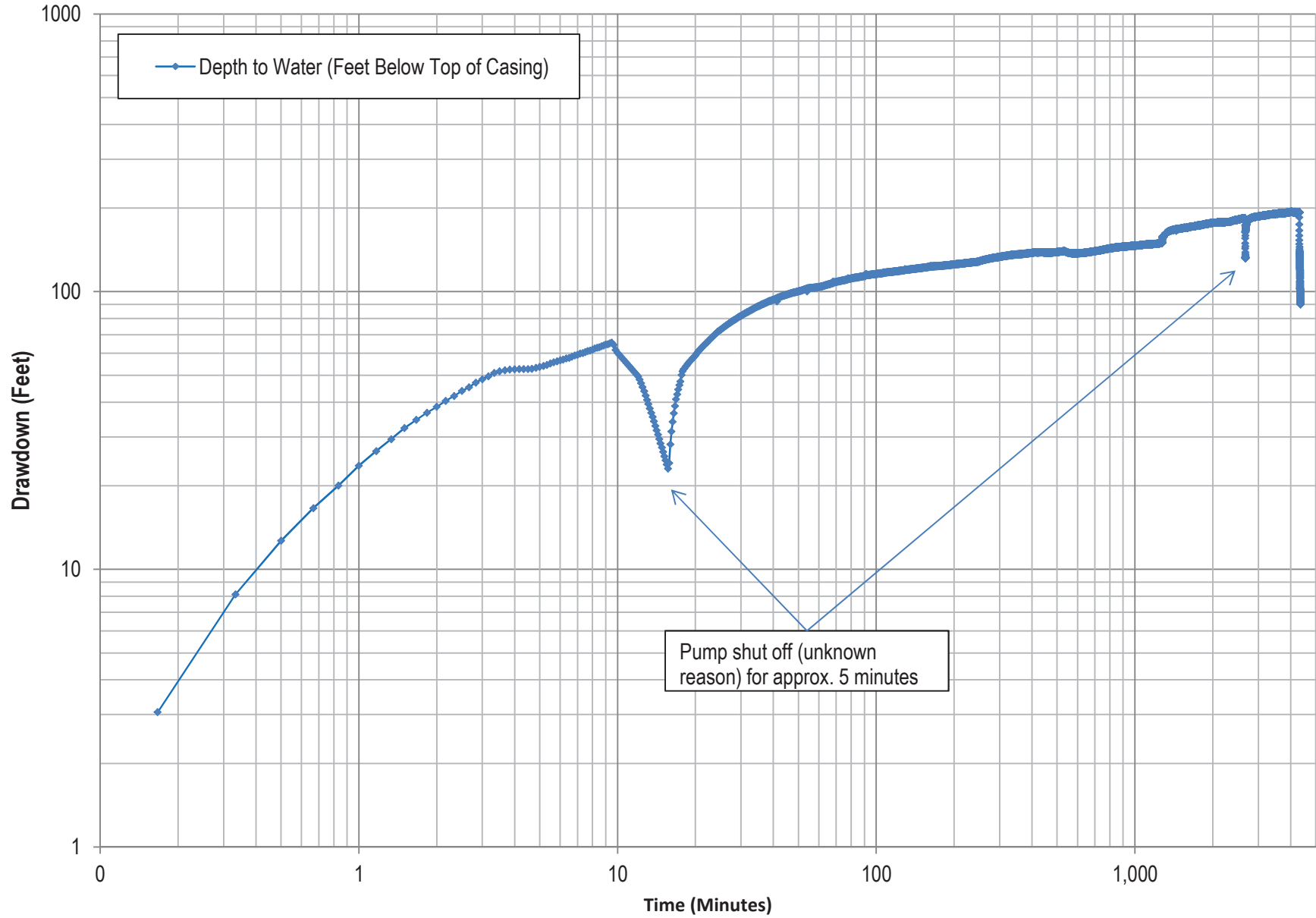


Groundwater Resources Investigation Report Rugged Solar Farm Project

Figure 29. Well 8 72 Hour Constant Rate Test Log Water Level Drawdown



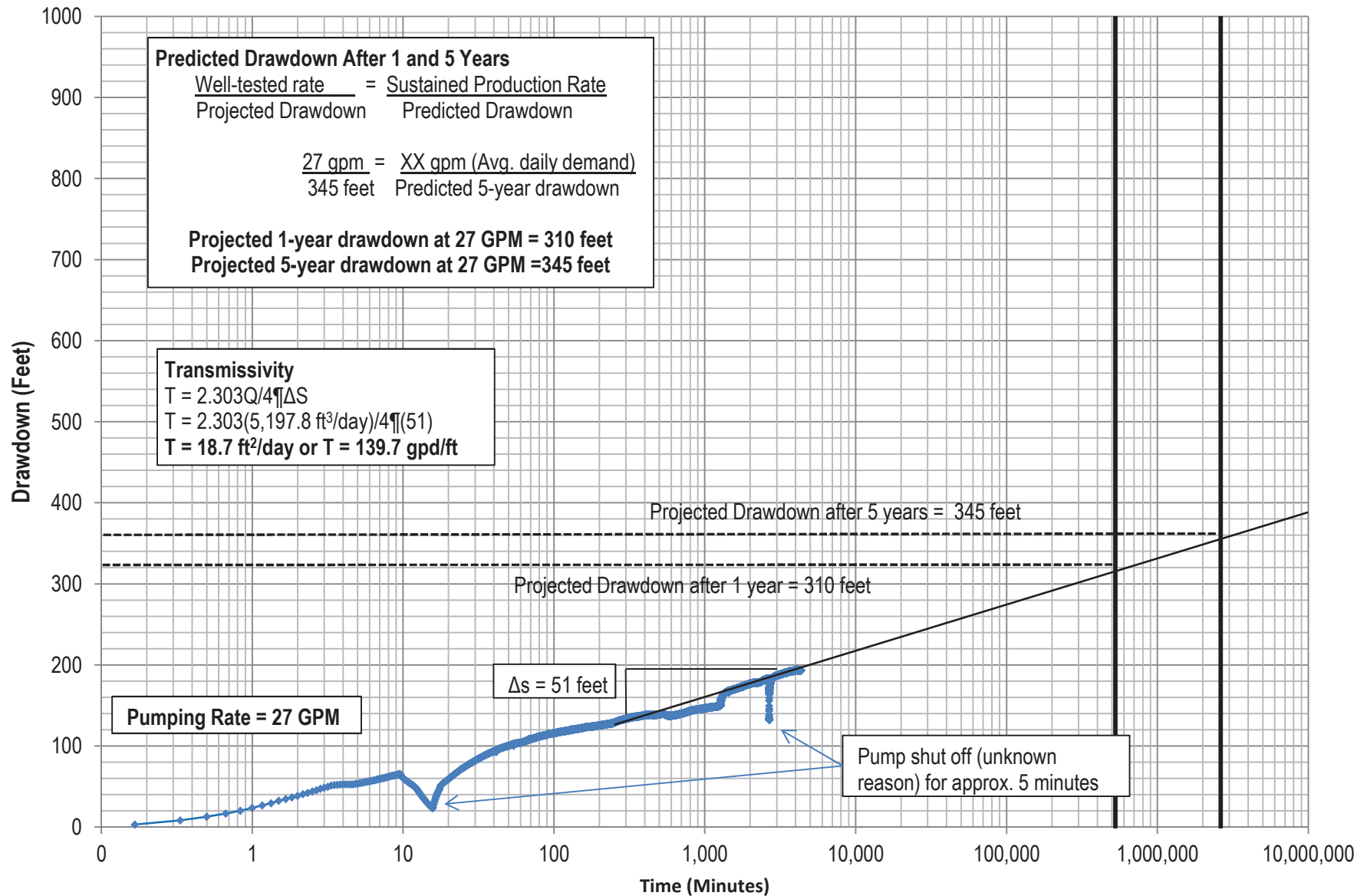
Groundwater Resources Investigation Report

Rugged Solar Farm Project

INTENTIONALLY LEFT BLANK

Groundwater Resources Investigation Report Rugged Solar Farm Project

**Figure 30. Well 8 Cooper-Jacob Straight Line Test
Well 8 72 Hour Constant Rate Test**



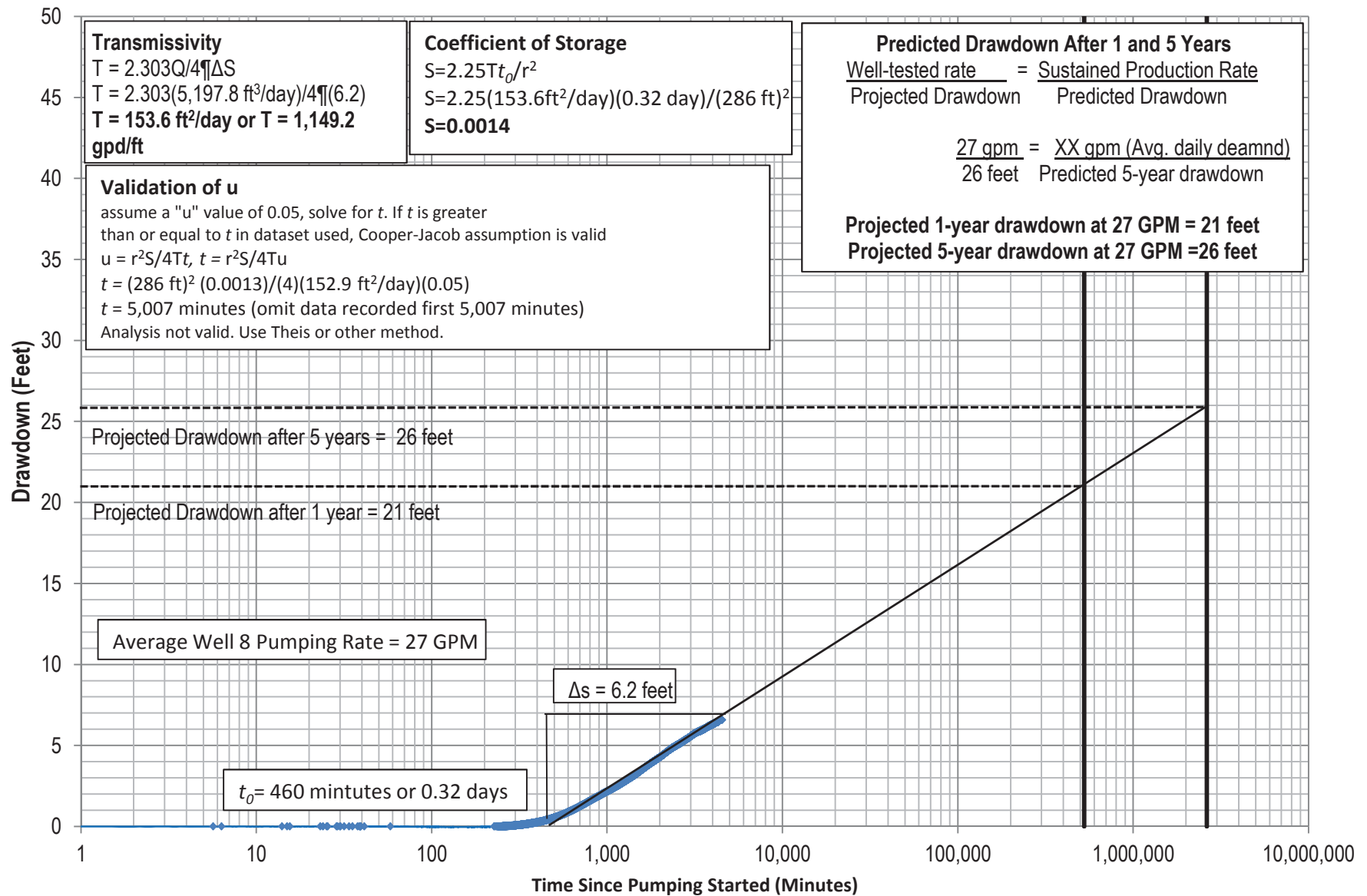
Groundwater Resources Investigation Report

Rugged Solar Farm Project

INTENTIONALLY LEFT BLANK

Groundwater Resources Investigation Report Rugged Solar Farm Project

**Figure 31. Well 8a Cooper-Jacob Straight Line Test
Well 8 72 Hour Constant Rate Test**



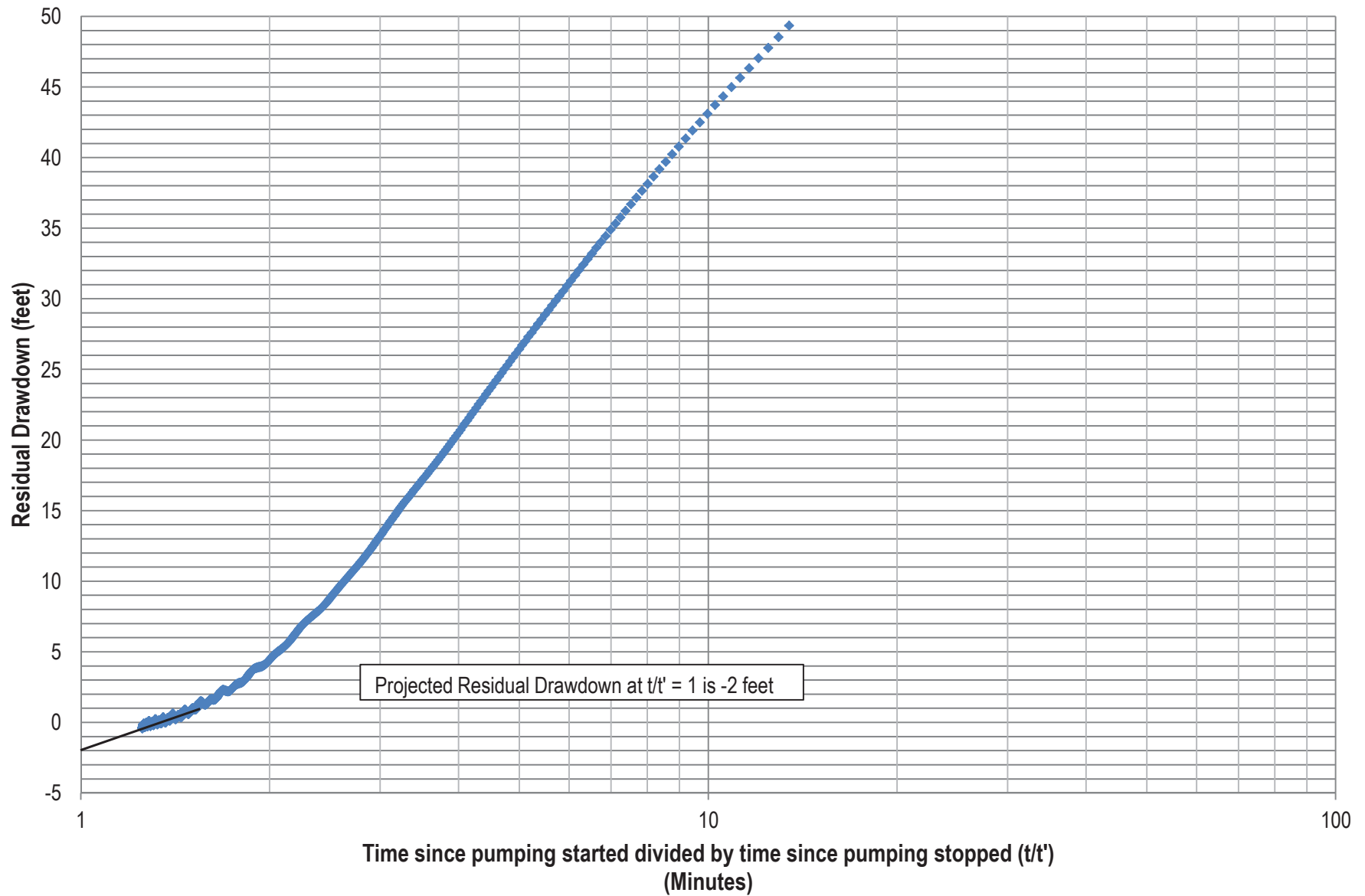
Groundwater Resources Investigation Report

Rugged Solar Farm Project

INTENTIONALLY LEFT BLANK

Groundwater Resources Investigation Report Rugged Solar Farm Project

**Figure 32. Well 8 Recovery Analysis,
Well 8 72 Hour Constant Rate Test**



Groundwater Resources Investigation Report

Rugged Solar Farm Project

INTENTIONALLY LEFT BLANK

APPENDIX A

Well Test Plan

WELL TEST PLAN

RUGGED SOLAR FARM SAN DIEGO COUNTY, BOULEVARD, CALIFORNIA

Prepared by:

DUDEK

605 Third Street
Encinitas, California 92024
Contact: Trey Driscoll, PG, CHG
(760) 415-1425

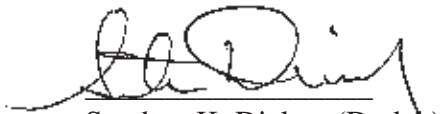
and

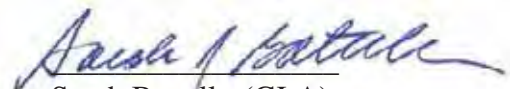
Geo-Logic
ASSOCIATES

11415 West Bernardo Court, Suite 200
San Diego, CA 92127

Prepared for: Rugged Solar Farm, LLC
c/o Soitec Solar Development, LLC
4250 Executive Square, 770
La Jolla, CA 92037
Contact: Patrick Brown

County of San Diego
Dept. Planning Land Use
5201 Ruffin Road, Suite B
San Diego, CA 92123
Contact: Jim Bennett


Stephen K. Dickey (Dudek)
Senior Hydrogeologist, PG, CHG, CEG


Sarah Battelle (GLA)
Vice President, PG, CHG

SEPTEMBER 2012

TABLE OF CONTENTS

1. Introduction.....	1
1.1. Purpose of the Well Test Plan.....	1
2. Geology.....	1
3. Proposed Aquifer Test.....	2
3.1. Wells 6b and 8 (Pumping Wells).....	2
3.2. On-site Wells (Monitoring Wells)	2
4. Proposed Well Test Analysis.....	5
4.1. Aquifer Hydraulic Properties Analysis	5
4.2. Groundwater Dependent Habitat Analysis	6
5. References.....	7

LIST OF TABLES

TABLE 1	Pumping Wells – Well Depth, Water Level Depth and Well Production
TABLE 2	On-Site (Monitoring) Wells – Well Depth, Water Level Depth and Well Production
TABLE 3	Water Level and Flow Rate Monitoring Frequency

LIST OF FIGURES

FIGURE 1	Regional Location Map
FIGURE 2	Regional Watershed Map
FIGURE 3	Parcels and Wells Locations Map
FIGURE 4	Regional Geologic Map
FIGURE 5	Groundwater Elevation Map
FIGURE 6	Half-Mile Radius Surrounding Well 6b and Well 8 Map
FIGURE 7	Potentially Groundwater Dependent Vegetation Map

1. Introduction

1.1. Purpose of the Well Test Plan

This Well Test Plan was prepared on behalf of Rugged Solar Farm, LLC by Dudek and Geo-Logic Associates (GLA) for submittal to County of San Diego Department of Planning and Land Use (DPLU) to satisfy groundwater resource investigation scoping requirements outlined in *Guidelines for Determining Significance and Report Format and Content Requirements – Groundwater Resources* (DPLU, 2007). The Rugged Solar Farm will, as much as feasible, use on-site groundwater as a source of supply to meet construction and operational water demands for the 765 acre concentrated photovoltaic (CPV) Rugged Solar Farm (Project Site) located in Unincorporated San Diego County, about one mile north of Interstate 8, near Boulevard, California (Figure 1). The watershed for the Project Site is defined as the McCain Hydrologic Subarea (722.71) which is contained within the Jacumba Hydrologic Area (722.70) and all within the Anza Borrego Hydrologic Unit (722.00); (Figure 2).

The intent of this Well Test Plan is to establish methods and procedures for conducting aquifer tests of Wells 6b and 8 (Figure 3) and for analysis of the aquifer test data measured. The aquifer test and analysis will be used to measure hydraulic properties of the local fractured bedrock aquifer in the immediate area of the wells, and to assess the ability of this on-site groundwater resource to meet the water demands of the project. In addition, groundwater dependent habitat identified on the Project Site will be evaluated to determine potential impacts from groundwater withdrawal.

2. Geology

The Project Site is located on the eastern portion of the Peninsular Range geomorphic province which is a series of northwest-oriented mountain ranges extending from the Transverse Ranges near Los Angeles south through the Baja California peninsula. The geologic materials at the Project Site consist of residual soil, alluvium and weathered granitic rock overlying granitic bedrock, designated as Cretaceous age La Posta Tonalite (Figure 4; GLA 2012, rev. 2012).

3. Proposed Aquifer Test

The aquifer test using Wells 6b and 8 as pumping wells will be conducted in accordance with Section 67.703.2 of the County of San Diego Groundwater Ordinance and the County's *Guidelines for Determining Significance and Report Format and Content Requirements – Groundwater Resources* (DPLU, 2007). Between August 2010 and August 2011, 72-hour constant rate aquifer tests were performed on Wells 6, 6a and 8 under the supervision of GLA (2010, rev. 2012). This aquifer test plan proposes to pump Wells 6b and 8 concurrently to provide additional data on the capacity of the bedrock aquifer.

3.1. Wells 6b and 8 (Pumping Wells)

Well 6b is located on the western portion of the Project Site approximately 50 feet from Wells 6 and 6a (Figure 3). Previous aquifer tests on Wells 6 and 6a indicate that both Wells 6 and 6a are equipped with pumps capable of approximately 50-60 GPM (GLA 2010, rev. 2012). Well 8 is located on the eastern portion of the Project Site (Figure 3). Well 8 was recently rehabilitated and is to be equipped with a pump capable of approximately 50 GPM. See Table 1 below for depths and production rates for the pumping wells.

Table 1
Pumping Wells – Well Depth, Water Level Depth and Well Production

Well On Site	Well Depth (feet)	Depth to Water (feet)	Well Production (GPM)
Well 6b	480	15.0 ^b	TBD
Well 8	500 ^a	17.95 ^c	18 ^d / 50 estimated

^a Well 8 was originally drilled to 970 feet, caved to 381 feet and re-drilled to 500 feet.

^a Water level measured in September 2012 by Dudek.

^b Water level measured in August, 2010 (GLA 2010, rev. 2012).

^c Tested well production rates determined from 72 hour aquifer tests performed by GLA between August 2010 and August 2011 prior to reconditioning of well. New Well 8 production rate is to be determined.

3.2. On-site Wells (Monitoring Wells)

Well 2: Well 2 is located approximately 1 mile northeast of existing Wells 6, 6a and 6b. The original driller's log for Well 2 noted groundwater at 70 feet below ground surface. During the initial installation of the well, the driller reported an approximate yield of 10 GPM. The well is currently unused. Well 2 is currently equipped with a pump.

Well 4: Well 4 is located approximately 0.65 mile north of existing Wells 6, 6a and 6b. The original driller's log for Well 4 noted groundwater at 35 feet below ground surface. During the initial installation of the well, the driller reported an approximate yield of 15

GPM. The well is in close proximity to restroom facilities and currently is unused. The well is not equipped with a pump.

Well 5: Well 5 is located approximately 2 miles north of the existing Well 8. This well was drilled to an approximate depth of 800 feet below ground surface and has a reported yield of 5.5 GPM. It is believed that this well is equipped with a pump and power, but has never been used.

Well 9: Well 9 (also referred to as the ‘horse corral well’) is located approximately 0.3 miles northwest of Wells 6, 6a and 6b. Well 9 has a turbine pump set inside a 12” steel casing and supplies water to livestock by level activation. It is estimated that the well produces <0.5 GPM.

Walker Residential Well: The Walker residential well is located approximately 0.45 miles northwest of Wells 6 6a and 6b. The Walker residential well is used as a source of potable water for a single-family residence.

Presented below in Table 2 is a summary of the known on-site Wells, well depth and depth to water levels. Water level elevations and direction of flow are also presented graphically in Figure 5.

Table 2
On-Site (Monitoring) Wells – Well Depth, Water Level Depth and Well Production

Well On Site	Well Depth (feet)	Depth to Water (feet) ^a	Well Production (GPM)
Well 2	185	23.92	No Power
Well 4	185	10.98	No Pump
Well 5	800	Unknown	5.5
Well 6	Unknown	27.80	45
Well 6a	385	28.0	55
Well 9	Unknown	29.45	<0.5
Walker Residential Well	Unknown	54.78	<0.5

^a Water levels measured in August, 2010 (GLA 2010, rev. 2012).

A submersible pump will be installed into Well 6b to sufficient depth to allow for constant rate pumping of the well for a period of up to 72 hours. In fractured rock aquifers, it is typical for the pumping water level to draw down substantially to the depth of principal water bearing fractures under extended pumping at maximum rates. Constant rate tests have been performed on Wells 6, 6a and 8. Therefore, we propose to utilize the information obtained from the combined 100 GPM test of Wells 6 and 6a to assist in conducting up to a 12-hour step drawdown test at three different steps/pumping rates of equivalent duration on the newly installed Well 6b, to establish the optimal pumping rate

for the 72-hour constant rate test. Similarly, since Well 8 has been equipped with a 50 GPM pump, but was previously tested at 18 GPM, a step drawdown test will be performed at three steps/pumping rates at newly rehabilitated Well 8 over a period of up to 12 hours to establish the optimal pumping rate for the 72-hour constant rate test. Prior to the step test, a pressure transducer/ datalogger will be installed into either a sounding tube or the well casing. Six observation wells (Well 2, Well 4, Well 5, Well 6, Well 9 and Walker Residential Well) are currently proposed to be monitored during the aquifer testing. In advance of the test, Dudek will contact property owners adjacent to the Project Site who have wells located within 0.5-mile of a pumping well to inform them of the well tests and offer to monitor water levels during the well tests (Figure 6).

Automatic water level and flow rate readings will be recorded at a minimum of the following frequencies during each well test per County guidelines:

Table 3: Water Level and Flow Rate Monitoring Frequency

Time Since Pumping Started	Monitoring Frequency
0 to 10 minutes	30 seconds
>10 to 30 minutes	2 minutes
>30 minutes to 2 hours	10 minutes
>2 hours to 12 hours	30 minutes
>12 to 24 hours	1 hour

Prior to the step test and constant rate test, water levels will be recorded for a period of at least seven days to identify long-term trends. In addition, barometric pressure will be recorded throughout the period of water level measurements.

The recovery period from the step tests (Wells 6b and 8) as well as the 72-hour tests will be a minimum of twice the duration of the pumping test and minimum recording frequency for water levels will be measured according to Table 3. Water level transducers will be left in the pumping well and observation wells for a period of at least seven days beyond the recovery period. Manual water level measurements will be recorded at the start of the test, periodically over the test interval and during recovery after pumping ceases in order to confirm the accuracy of the pressure transducer measurements. Flow will be measured using a Sensus in-line flow meter or similar equipped with a flow totalizer. Flow rates will be measured according to Table 3 while personnel are present on the Project Site during the tests. Field personnel will monitor flow rates and make adjustments as necessary to maintain the desired constant flow rate throughout the duration of the tests. A check valve will be installed in the discharge line to avoid backflow of water into the well when the pump is shut off.

The discharge pipeline will extend a minimum of 300 feet away from the pumping wells and will be placed outside any surface water drainage. Water will be dispersed via sprinklers to enhance evaporation during the tests and avoid any discharge water from flowing into a downstream surface water body or drainage course. The well pump valving, flowmeter, and water level monitoring equipment will be tested at least 24 hours prior to the start of the tests in accordance with County guidelines.

4. Proposed Well Test Analysis

4.1. Aquifer Hydraulic Properties Analysis

Aquifer transmissivity (the rate at which water flows through a vertical strip of the aquifer 1 foot wide and extending through the full saturated thickness, under a hydraulic gradient of 1 or 100 percent) will be estimated using the Copper-Jacob approximation to the Theis equation (Cooper-Jacob 1946) as follows:

$$T = \frac{2.303 Q}{4 \pi \Delta s}$$

Where:

T = transmissivity (feet²/day) [multiply by 7.48 to get units of gpd/ft]

Q = average pumping rate (feet²/day) [multiply GPM by 193]

π = pi (3.14)

ΔS = difference in drawdown over one log cycle (feet)

The aquifer coefficient of storage (also called storativity) is the volume of water released from storage per unit decline in hydraulic head in the aquifer per unit area of the aquifer. Due to well losses and inefficiency of the pumping well, an observation well is required to calculate the coefficient of storage. Therefore a coefficient of storage cannot be calculated for Well 8, unless an observation well can be identified near it. The coefficient of storage from the Well 6b aquifer test will be estimated using the Copper-Jacob approximation to the Theis equation (Cooper-Jacob 1946) as follows:

$$S = 2.25 T t_0 / r^2$$

Where:

S = Coefficient of Storage (dimensionless)

T = transmissivity (feet²/day)

t₀ = intercept with x-axis, time (days)

r = distance to observation well (feet)

An estimate of groundwater drawdown at the nearest residential well induced by project pumping at 1 year will be estimated using the Cooper-Jacobs approximation of the Theis Non-Equilibrium Flow Equation (USGS 1962):

$$s = \frac{264 Q}{T} \log_{10} \frac{0.3 T t}{r^2 S}$$

Where:

s = predicted drawdown (feet)
Q = average pumping rate (GPM)
T = Transmissivity (gpd/ft)
t = time (days)
r = distance from pumping well (feet)
S = coefficient of storage (dimensionless)

Based on the actual results of the drawdown data collected during the aquifer tests, the use of additional analysis methods will be evaluated, as appropriate, in consultation with the County Groundwater Geologist.

4.2. Groundwater Dependent Habitat Analysis

Potentially occurring groundwater dependent habitat on the Project Site and near the Project Site is depicted in Figure 7. The County's Guideline 4.2.C from the Biological Guidelines for Determining Significance have the following threshold for determining a significant impact to riparian habitat or a sensitive natural community: "*The project would draw down the groundwater table to the detriment of groundwater-dependent habitat, typically a drop of 3 feet or more from historical low groundwater levels.*"

There are seven identified vegetation habitats identified on the Project Site that may potentially depend on groundwater as depicted in Figure 7. These vegetation types include: alkali meadow, big sagebrush scrub, coast live oak woodland, mixed oak woodland, tamarisk scrub, disturbed alkali meadow and disturbed mulefat scrub.

The alkali meadow and disturbed alkali meadow vegetation is typically dependent on surface water with a shallow root system. Species within the alkali meadow have concentrated root masses within 16 inches of ground surface, but some of the phreatophytes within the project boundary, e.g. *Distichlis spicata*, have been documented as having roots extending deeper than 28 inches (Hauser 2006) and establishing in areas where the water table was 12 feet below ground surface (Robinson 1958). *Juncus mexicanus* dominates the alkali meadows within the project vicinity and is a rhizomatous species with a minimum root depth of 8 inches (NRCS Plant Database 2012). A study of the related *Juncus balticus* has shown a range in rooting depths from near surface (rhizomes) to 20 inches deep (larger roots) in unique cases (Hauser, 2005).

Artemisia tridentata (big sagebrush scrub) is not considered a phreatophyte, but the deep-rooted systems of the *Artemisia tridentata* can access groundwater in semiarid regions with limited moisture in the shallow soil horizons (Tiley 2012).

Quercus agrifolia (coast live oak, mixed oak woodland) vegetation is a native drought resistant evergreen tree with a root system that consists of a deep taproot with several main roots that may tap groundwater if present within approximately 36 feet of the soil surface (Robinson 1958; Canadell 1996; Steinberg 2002).

Tamarix ramosissima (tamarisk scrub) is a deep-rooted phreatophyte that has been documented as accessing water at depths from 33 feet to nearly 100 feet below ground surface (Hatler and Hart 2009; Horton 1977; Robinson 1958). Tamarisk roots (species unknown) penetrating to a depth of 30 meters (nearly 100 feet) were observed in excavations for the Suez Canal (Robinson 1958).

Baccharis salicifolia (mulefat) is phreatophyte shrub that requires groundwater levels within 12 inches from the ground surface to establish (NRCS Plant Database 2012), and has been documented for having roots extend to 12 feet below ground surface (Robinson 1958).

Based on past experience in San Diego County with long-term pump tests, which extract groundwater from relatively deep fracture systems, there is often limited hydraulic connection between the shallow alluvial and residual weathered granite system that would influence groundwater dependent habitat. The identified on-site wells should be sufficient to monitor water level changes in the shallow alluvial portion of the aquifer and potential impacts to groundwater dependent habitat due to groundwater pumping from Wells 6b and 8.

5. References

Canadell, J. et al. 1996. Maximum Rooting Depth of Vegetation Types at the Global Scale. *Oecologia* 1996 108:583-595.

Cooper, H.H., Jr. and C.E. Jacobs. 1946. A Generalized Graphical Method for Evaluating Formation Constraints and Summarizing Well Field History. *Transactions, American Geophysical Union* 27:526-34.

DPLU. San Diego County Groundwater Ordinance – San Diego County Code of Regulatory Ordinances, Amendments effective October 14, 2011.

DPLU 2007. County of San Diego Guidelines for Determining Significance and Report Format and Content Requirements – Groundwater Resources, March 19, 2007.

GLA 2010, rev. 2012. Revised Groundwater Investigation Report. Tule Wind Project East San Diego County, California.

Hatler, W.L., Hart, C. R., 2009. Water Loss and Salvage in Saltcedar (*Tamarix* spp.) Stands on the Pecos River, Texas. *Invasive Plant Science and Management*. 2:309-317

Hauser, A. Scott. 2005. *Juncus balticus*. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). <http://www.fs.fed.us/database/feis/> [Site Accessed September 17, 2012].

Hauser, A. Scott. 2006. *Distichlis spicata*. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). <http://www.fs.fed.us/database/feis/> [Site Accessed September 17, 2012].

Horton, J.S. 1977. The development and perpetuation of the permanent tamarisk type in the phreatophyte zone of the Southwest. USDA Forest Service General Technical Report RM-43, pp. 124]127.

Robinson, T.W. 1958. Phreatophytes: Geological Survey Water Supply Paper 1423. United States Department of the Interior

Sciences Laboratory (Producer). <http://www.fs.fed.us/database/feis/> [Site Accessed September 17, 2012].

NRCS Plant Database: <http://plants.usda.gov/java/> [Site Accessed September 17, 2012].

Steinberg, Peter D. 2002. *Quercus agrifolia*. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). <http://www.fs.fed.us/database/feis/> [Site accessed September 17, 2012].

Tilley, D. J., Ogle, D., St. John, L., Benson, B. Big Sagebrush *Artemisia tridentata* Nuttall: Plant Guide. USDA NRCS Idaho State Office. http://plants.usda.gov/plantguide/pdf/pg_artr2.pdf [Site Accessed September 17, 2012].

USGS (J.G. Ferris, D.B.Knowles, R.H. Brown and R.W.Stallman) 1962. Theory of Aquifer Tests Ground-Water Hydraulics Water Supply Paper 1536-E.

APPENDIX B

Well Logs

2

Pump in well

NO power

pumped this w/
generator worked
Fine

Just East of
water storage
tank



COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
1255 Imperial Ave
San Diego, CA 92101
619-338-2222

WELL #2

INVOICE

ERMIT TYPE & NUMBER: LWEL 16225		INVOICE DATE: 16 SEP 2004
ERMIT OWNER: IANOS DRILLING & PUMP 6052 LAWSON VALLEY RD.	CONTACT:	
AMUL CA 91935		
APN: 611-070-03-00 611-060-03 611-070-01	APPLICANT: FADEM ROBERT S&MARY O TRUST B1	
SITE ADDRESS: 2750 MCCAIN VALLEY RD		BOULEVARD 91905
LOCATION DESCRIPTION: 2750 MCCAIN VALLEY RD		JACUMBA 92036

PROJECT DESCRIPTION/SCOPE
Number of Wells on Permit Application: 1
Description of Work: well drilling
Type of Use for Each Well: domestic

FEE/DEPOSIT DETAILS				
FEE CODE	DESCRIPTION	TIME ACCT.	ACCT. CODE	AMOUNT
6LE01--EHO	WATER WELL PERMIT	429E01	9773-773	390.00
			SP-16-01 11131 PTD TO 4/12/04 CHECK	
TOTAL AMOUNT DUE				\$390.00

1-112
R 75
sec 9



COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
WELL PERMIT APPLICATION

DEH USE ONLY
PERMIT # W 16225
WELL COMPUTER #
FEE:
WATER DIST:

Parcel # 120 acres

1. Property Owner: Hamann Companies Phone: 440-7124
1000 Piace Way 611-060-03 92020
Mailing Address City Zip
2. Well Location - Assessors Parcel Number 111-070-03 611-070-01
McCauley St San Marcos Boulevard
Site Address City Zip
3. Well Contractor - Well Driller Jim Mann Company Name: Jim Mann Drilling
1105 S. La Jolla Village Dr. San Marcos 91935
Mailing Address City Zip
Phone #: 415 1526 C-57#: 34722 ☒ Cash Deposit ☐ Bond Posted
4. Use: ☐ Private ☐ Public ☐ Industrial ☐ Cathodic ☐ Other
5. Type of Work: ☒ New ☐ Reconstruction ☐ Destruction Time Extension: ☐ 1st ☐ 2nd
6. Type of Equipment: Auger
7. Depth of Well: Proposed: 300 Existing: 0
8. Proposed:
Casing Conductor Casing Filter/Filler Material Perforations
Type: 3" steel ☐ Yes ☐ No ☐ Yes ☐ No
Depth: 300 ft. From: To: From: To:
Diameter 7 in. Diameter in. Type: From: To:
Wall/Gauge: 15 Wall/Gauge: Wall/Gauge: From: To:

9. Annular Seal: Depth: 50 ft. Sealing Material: Cement
Borehole diameter: 11 in. Conductor diameter: in. Annular Thickness 2 in.
10. Date of Work: Start: 7-16-04 Complete: 7-16-04

On sites served by public water, contact the local water agency for meter protection requirements.
I hereby agree to comply with all regulations of the Department of Environmental Health, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well construction, repair, modification and destruction. Immediately upon completion of work, I will furnish the Department of Environmental Health with a complete and accurate log of the well. I accept responsibility for all work done as part of this permit and all work will be performed under my direct supervision.

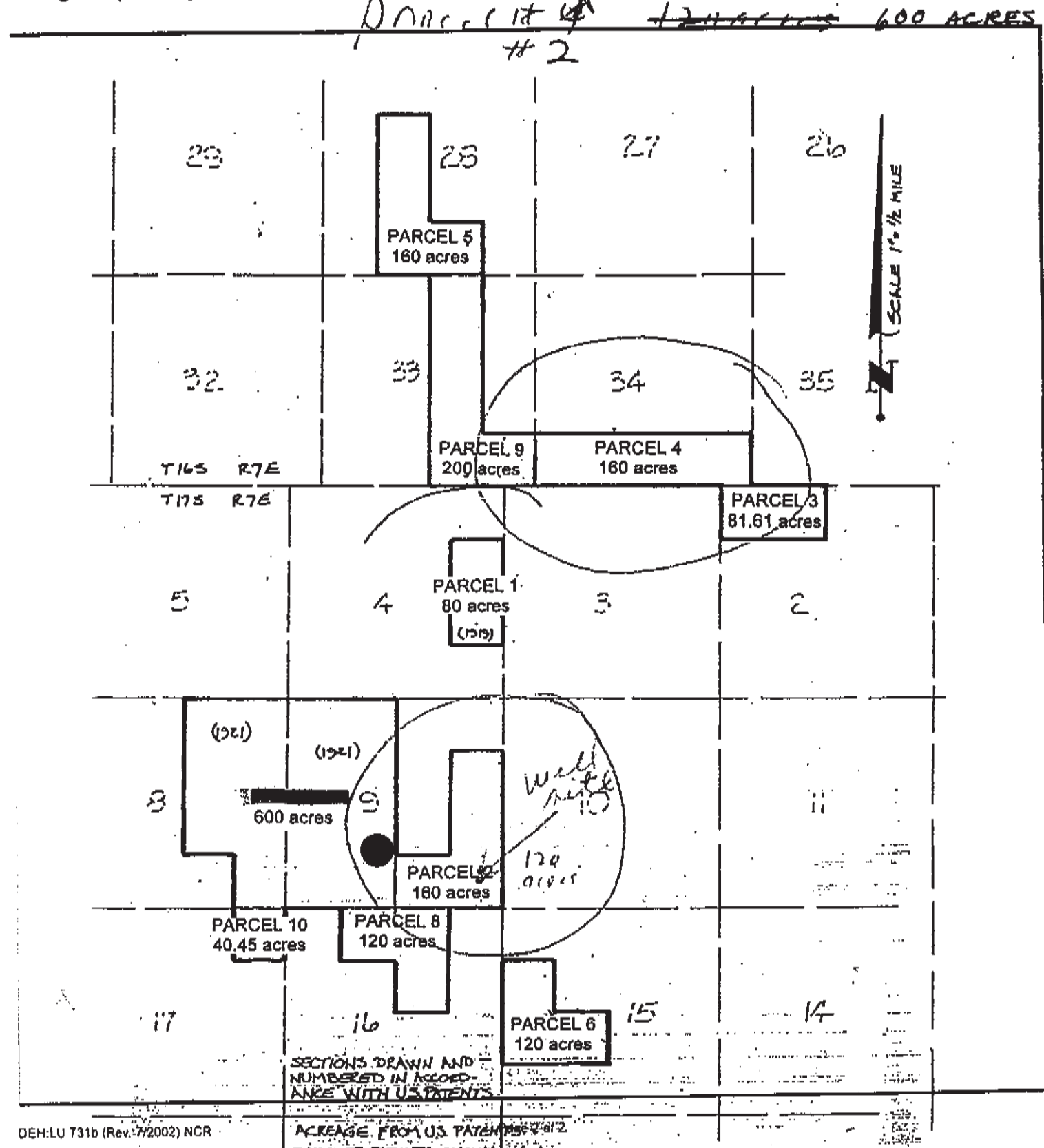
Contractor's Signature: Jim Mann Date: 7-16-04

DISPOSITION OF APPLICATION (Department of Environmental Health Use only)
☒ Approved ☐ Denied Special Conditions: Grading and clearing associated with access to, or the construction, maintenance or destruction of water wells, may require additional permits from the County of San Diego and/or other agencies.
Specialist: Danny O'Call Date: 9/16/04

No public water to site

LOCATION

Indicate below the vicinity and exact location of well with respect to the following items: Property lines, water bodies or water courses, drainage pattern, easements, roads, existing wells, sewers and private sewage disposal systems and other potential contamination sources, including dimensions.



FIRST CARBON COPY

11/20/80

COUNTY OF SAN DIEGO
DEPARTMENT OF HEALTH SERVICES
1700 PACIFIC HIGHWAY, SAN DIEGO, CA 92101-2417

Notice of Intent No. _____
Local Permit No. or Date _____

WATER WELL DRILLERS REPORT

(INSERT under ORIGINAL PAGE w/carbon of State Form)

State Well No. _____
Other Well No. _____

(1) OWNER: Name John Gibson #6

Address _____
City _____ Zip _____

(2) LOCATION OF WELL (See instructions):

County _____ Owner's Well Number _____

Well address if different from above _____

Township _____ Range _____ Section _____

Distance from ditches, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 600 ft. Depth of completed well 185 ft. from ft. to ft. Formation (Describe by color, character, size or material)0-2 - LOOSE SOIL2-15 - D.G. GRAY15-70 - BLACK WHITE ROCK70-71 - SAND (2 GPM)71-90 - BLACK WHITE ROCK90-92 - SORTED GRAVEL (2 GPM)92-118 - BLACK WHITE ROCK, SOME SORTS AREAS118-119 - VERY SORT (6 GPM)

DEPARTMENT USE ONLY

Completed Well Construction:

Date _____

Date Inspected _____

Comments _____

Water Sample Taken? _____

Sanitarian's Approval: _____

(13) TYPE OF WORK:

New Well ☐ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in item (12))

(4) PROPOSED USE:

Domestic ☒Irrigation ☒Industrial ☐Test Well ☐Stock ☐Municipal ☐Other ☐

(5) Equipment:

Rotary ☒ Reverse ☐Cable ☐ Air ☒Other ☐ Bucket ☐(6) Gravel Packs NEEDSYes ☐ No ☒ Size _____

Diameter of above _____

Packed from _____ to _____ ft.

(7) Casing Installed:

Steel ☒ Plastic ☐ Concrete ☐

(8) Perforations:

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Well	From ft.	To ft.	Slot Size
0	24	7"	156			

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth _____ ft.Were strata sealed against pollution? Yes ☐ No ☒ Interval _____ ft.Method of sealing BENTONITE-CEMENT

(10) WATER LEVELS:

Depth of first water, if known 70' ft.Standing level after well completion 45' ft.

(11) WELL TESTS:

Was well test made? Yes ☒ No ☐ If yes, by whom? DRILLERType of test Pump ☐ Bailor ☐ Air lift ☒

Depth to water at start of test _____ ft. At end of test _____ ft.

Discharge 10 gal/min after 3 hours Water temperature CoolChemical analysis made? Yes ☐ No ☒ If yes, by whom?Was electric log made? Yes ☐ No ☒ If yes, attach copy to this report

Work Started _____ 19 _____ Completed _____ 19 _____

WELL DRILLERS STATEMENT: I hereby declare under penalty of perjury that the information provided in this report is true. This water well was installed in compliance with San Diego County Code and State of California, Department of Water Resources, Bulletin No. 74.

SIGNED

Ken A. Brown
(Well Driller)

NAME

(Person, firm, or Corporation) (Type or Print)

ADDRESS

CITY

ZIP

LICENSE NO.

DATE THIS REPORT

#4

Power at well

NO pump

ACROSS ROAD FROM

BATHROOMS IN

WEST CANYON

water was discolored

& hence quit using



COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
1255 Imperial Ave
San Diego, CA 92101
619-338-2222

#4

INVOICE

PERMIT TYPE & NUMBER: LWEL 16226		INVOICE DATE: 16 SEP 2004
PERMIT OWNER: FADEM ROBERT S&MARY O TRUST B1 153 OCEAN ST	CONTACT:	
92008		
PN: 611-110-01-00 611-060-03 611-070-01	APPLICANT: FADEM ROBERT S&MARY O TRUST B1	
SITE ADDRESS: 2533 MCCAIN VALLEY RD		
LOCATION DESCRIPTION: 2533 MCCAIN VALLEY RD,		

PROJECT DESCRIPTION/SCOPE
Number of Wells on Permit Application: 1
Description of Work: new
Type of Use for Each Well: private

FEE/DEPOSIT DETAILS				
FEE CODE	DESCRIPTION	TIME ACCT.	ACCT. CODE	AMOUNT
6LE01--EHO	WATER WELL PERMIT	429E01	9773-773	390.00
			39-16-04 11130 9773 773 429E01 CHECK	390.00
TOTAL AMOUNT DUE				\$390.00

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
WELL PERMIT APPLICATION

DEH USE ONLY
PERMIT # W 600
WELL COMPUTER #
FEE: _____
WATER DIST: _____

1. Property Owner: Hammann Companies Phone: 440-7424
1000 Riverside Blvd San Diego 92105
Mailing Address City Zip
2. Well Location - Assessors Parcel Number 611-110-01 611-060-03
611-070-01 BOULEVARD 91905
Site Address City Zip
3. Well Contractor - Well Driller Jim Manos Company Name: Manos Drilling
10055 Camino Vista Hill San Diego 92131
Mailing Address City Zip
- Phone#: 445-1926 C-57#: 70722 ☐ Cash Deposit ☐ Bond Posted
4. Use: ☒ Private ☐ Public ☐ Industrial ☐ Cathodic ☐ Other _____
5. Type of Work: ☐ New ☐ Reconstruction ☐ Destruction Time Extension: ☐ 1st ☐ 2nd
6. Type of Equipment: AIR MOTOR
7. Depth of Well: Proposed: 300 Existing: _____
8. Proposed:
- | Casing | Conductor Casing | Filter/Filler Material | Perforations |
|------------------------|--|--|-----------------------|
| Type: <u>Steel</u> | ☐ Yes ☐ No | ☐ Yes ☐ No | |
| Depth: <u>20</u> | Depth: _____ ft. | From: _____ To: _____ | From: _____ To: _____ |
| Diameter: <u>7</u> in. | Diameter: _____ in. | Type: _____ | From: _____ To: _____ |
| Wall/Gauge: <u>15</u> | Wall/Gauge: _____ | Wall/Gauge: _____ | From: _____ To: _____ |
9. Annular Seal: Depth: _____ ft. Sealing Material: Grout
Borehole diameter: _____ in. Conductor diameter: _____ in. Annular Thickness: _____ in.
10. Date of Work: Start: 2-15-04 Complete: 2-27-04

On sites served by public water, contact the local water agency for meter protection requirements.

I hereby agree to comply with all regulations of the Department of Environmental Health, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well construction, repair, modification and destruction. Immediately upon completion of work, I will furnish the Department of Environmental Health with a complete and accurate log of the well. I accept responsibility for all work done as part of this permit and all work will be performed under my direct supervision.

Contractor's Signature: [Signature]

Date: 2/16/04

DISPOSITION OF APPLICATION (Department of Environmental Health Use only)

☒ Approved ☐ Denied Special Conditions: Grading and clearing associated with access to, or the construction, maintenance or destruction of water wells, may require additional permits from the County of San Diego and/or other agencies.

Specialist: [Signature] Date: 2/16/04

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH

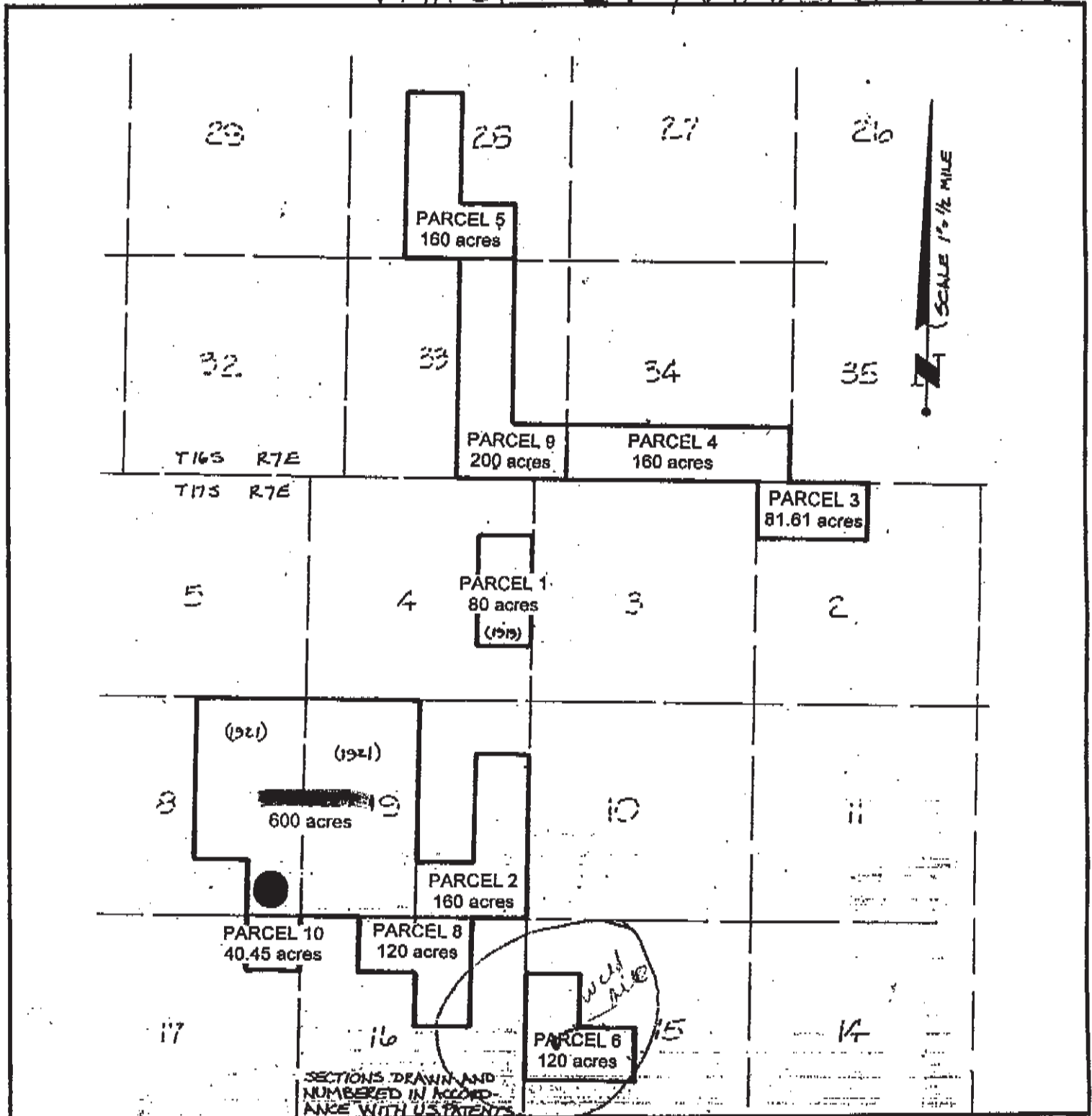
Control #: LWCL 16226
Assessor's Parcel Number: ~~611-110-01~~

611-060-03
611-070-01

LOCATION

Indicate below the vicinity and exact location of well with respect to the following items: Property lines, water bodies or water courses, drainage pattern, easements, roads, existing wells, sewers and private sewage disposal systems and other potential contamination sources, including dimensions.

Parcel 14 21 + 200 acres 600 acres



FIRST CARBON COPY

**COUNTY OF SAN DIEGO
DEPARTMENT OF HEALTH SERVICES
1700 PACIFIC HIGHWAY, SAN DIEGO, CA 92101-2417**

WATER WELL DRILLERS REPORT

Notice of Intent No. _____

Local Permit No. or Date _____

(INSERT under ORIGINAL PAGE w/carbon of State Form)

State Well No. _____

Other Well No. _____

(1) OWNER: Name JOHN WELL NO. 2Address Boxer Acres

City _____ Zip _____

(2) LOCATION OF WELL (See Instructions):

County _____ Owner's Well Number _____

Well address if different from above _____

Township _____ Range _____ Section _____

Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 260 ft. Depth of completed well 185 ft.
from ft. to ft. Formation (Describe by color, character, size or material)0-91 - SAND, D.G.91-130 - SOFT, ORANGE, WHITE & BROWN130-132 - VERY SOFT (3 GPM)133-185 - SOFT SAND, WHITE, BLACK185-190 - LOOSE ROCKS (20 GPM)190-260 - SOFT, HARD**DEPARTMENT USE ONLY**

Completed Well Construction:

Date _____

Date Inspected _____

Comments _____

Water Sample Taken? _____

Sanitarian's Approval: _____

(3) TYPE OF WORK:New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in item (12))**(4) PROPOSED USE:**Domestic ☒Irrigation ☒Industrial ☐Test Well ☐Stock ☐Municipal ☐Other ☐

(5) Equipment:

Rotary ☒ Reverse ☐Cable ☐ Air ☒Other ☐ Bucket ☐

(6) Gravel Packs:

Yes ☒ No ☐ Size 3/8thsDiameter of above 4"Packed from 0 to 185 ft.

(7) Casing Installed:

Steel ☒ Plastic ☐ Concrete ☐

(8) Perforations:

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Well	From ft.	To ft.	Slot Size
0	91	6 7/8	185	0	185	3/32ths

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 91 ft.Were strata sealed against pollution? Yes ☐ No ☒ Interval _____ ft.Method of sealing BENTONITE - CEMENT

(10) WATER LEVELS:

Depth of first water, if known 130 ft.Standing level after well completion 35 ft.

(11) WELL TESTS:

Was well test made? Yes ☒ No ☐ If yes, by whom? TRICKERType of test Pump ☐ Bailor ☐ Air lift ☒

Depth to water at start of test _____ ft. At end of test _____ ft.

Discharge 15 gal/min after 1 hours Water temperature 60.6Chemical analysis made? Yes ☐ No ☒ If yes, by whom?Was electric log made? Yes ☐ No ☒ If yes, attach copy to this report

Work Started _____ 19 _____ Completed _____ 19 _____

WELL DRILLERS STATEMENT: I hereby declare under penalty of perjury that the information provided in this report is true. This water well was installed in compliance with San Diego County Code and State of California, Department of Water Resources, Bulletin No. 74.

SIGNED

Ben A. - Ben B.
(Well Driller)

NAME

(Person, firm, or Corporation) (Type or Print)

ADDRESS

CITY

ZIP

LICENSE NO.

DATE THIS REPORT

DUPLICATE
Driller's Copy

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. **0909442**

Page **1** of **1**

Owner's Well No. **4**

Date Work Began **9-25-04**, Ended **9-27-04**

Local Permit Agency **San Diego F.H.S.**

Permit No. **LWEL16226**

Permit Date **9-16-04**

DWR USE ONLY — DO NOT FILL IN

STATE WELL NO./STATION NO.	
LATITUDE	LONGITUDE
APN/TRS/OTHER	

GEOLOGIC LOG

ORIENTATION (°) ☒ VERTICAL ☐ HORIZONTAL ☐ ANGLE (SPECIFY) _____
DRILLING METHOD **rotary** FLUID **air**

DEPTH FROM SURFACE FL. to FL.	DESCRIPTION Describe material, grain size, color, etc.
0-91	sandy, dg
91-130	soft, orange, white & brown
130-133	very soft
133-185	soft, orange, white & black
185-190	loose rocks
190-260	soft & hard

NOT FOR PUBLIC USE
CONFIDENTIAL
WATER CODE

TOTAL DEPTH OF BORING **260** (Feet)

TOTAL DEPTH OF COMPLETED WELL **185** (Feet)

WELL OWNER

Name **Hamann Companies**
Mailing Address **1000 Pioneer Way**
City **Escondido, Ca 92020** STATE ZIP

WELL LOCATION

Address **McCain Valley Rd**
City **Jamul**
County **San Diego**
APN Book **611** Page **110** Parcel **01**
Township **974** Range **76** Section **18**
Lat. _____ Long. _____ N _____ W

LOCATION SKETCH

NORTH

ACTIVITY (°)

☒ NEW WELL
☐ MODIFICATION/REPAIR
 — Deepen
 — Other (Specify) _____
☐ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")
USES (°)
WATER SUPPLY
 ☒ Domestic ☐ Public
 ☐ Irrigation ☐ Industrial
MONITORING _____
TEST WELL _____
CATHODIC PROTECTION _____
HEAT EXCHANGE _____
DIRECT PUSH _____
INJECTION _____
VAPOR EXTRACTION _____
SPARGING _____
REMEDIATION _____
OTHER (SPECIFY) _____

WEST
EAST
SOUTH
Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. **PLEASE BE ACCURATE & COMPLETE.**

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER **130** (FL) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL **35** (FL) & DATE MEASURED **9-27-04**

ESTIMATED YIELD **15** (GPM) & TEST TYPE **airlift**

TEST LENGTH **1** (Hrs.) TOTAL DRAWDOWN _____ (FL)

* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE FL. to FL.	BORE-HOLE DIA. (Inches)	CASING (S)					
		TYPE (°)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)
		BLANK	SCREEN	COCK	DUCTOR		
0-91	11	x				steel	5 5/8
0-185	6 1/2	y				pvc	4 sch 40

DEPTH FROM SURFACE FL. to FL.	ANNULAR MATERIAL			
	TYPE			
	CE- MENT (°)	BEN- TONITE (°)	FILL (°)	FILTER PACK (TYPE/SIZE)
0-91	x	x		
0-185			x	5/16 pea gravel

ATTACHMENTS (°)

- Geologic Log
- Well Construction Diagram
- Geophysical Log(s)
- Soil/Water Chemical Analyses
- Other _____

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME **JIM MANOS DRILLING & PUMP**
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS **16052 LAWSON VLY RD, JAMUL, CA 91935** CITY STATE ZIP

Signed **[Signature]**
C-57 LICENSED WATER WELL CONTRACTOR

DATE SIGNED **3-6-06** 360722
C-57 LICENSE NUMBER

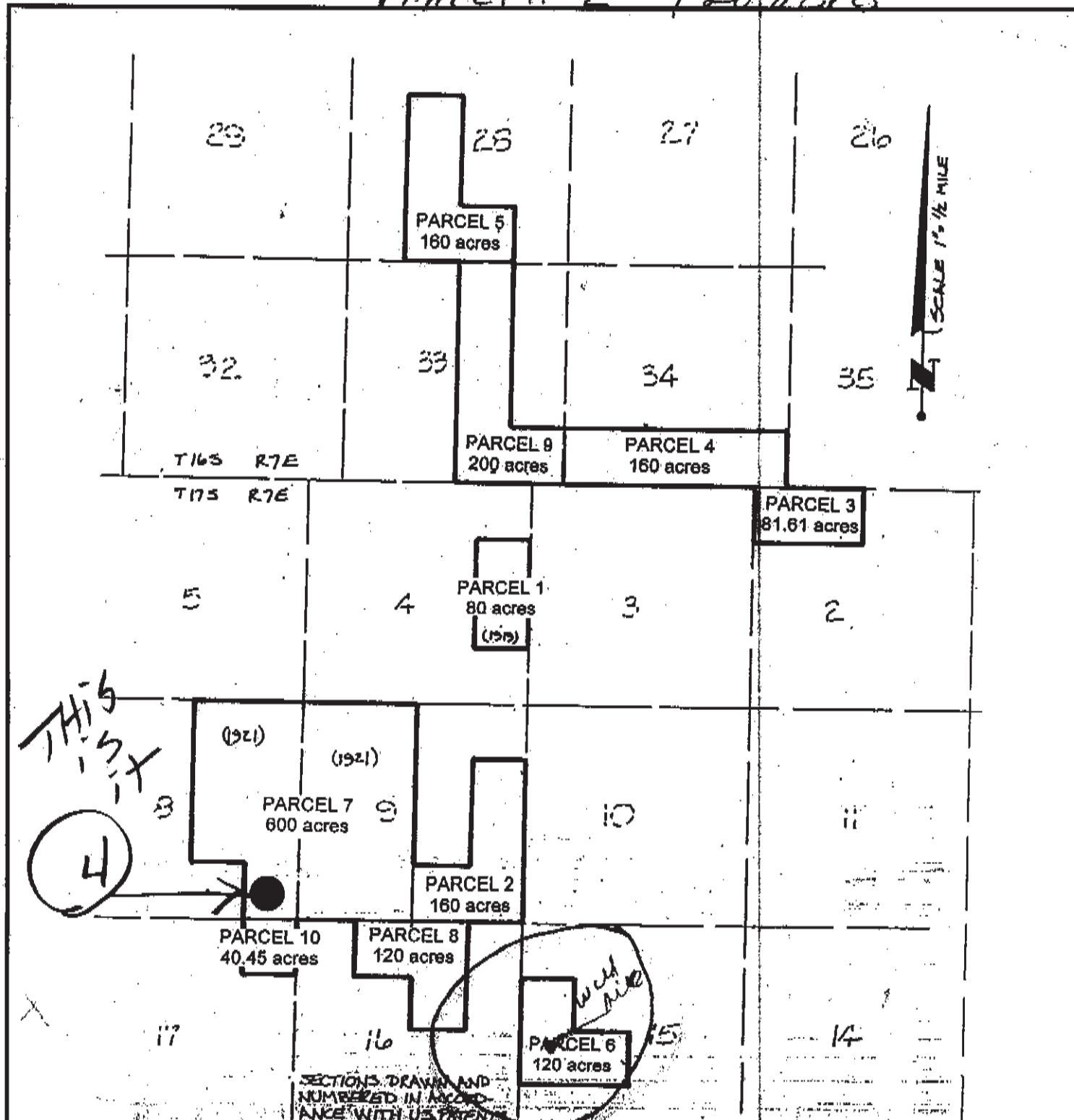
COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH

Control #: LUCL 16226
Assessor's Parcel Number: 441-110-01

LOCATION

Indicate below the vicinity and exact location of well with respect to the following items: Property lines, water bodies or water courses, drainage pattern, easements, roads, existing wells, sewers and private sewage disposal systems and other potential contamination sources, including dimensions.

Parcel 11 120 acres



6A NEW
Public
well

Fully operational

QUADRUPPLICATE

FEB 09 2012

STATE OF CALIFORNIA

DWR USE ONLY — DO NOT FILL IN

For Local Requirements

ELL COMPLETION REPORT

Refer to Instruction Pamphlet

County of San Diego
Dept. of Environmental Health
Land & Water Quality Div.

No. 1089956

Page 1 of 1
Owner's Well No. 11-4-09
Date Work Began 11-4-09
Ended 11-10-09

Local Permit Agency San Diego C.W.C.

Permit No. 11-13-09 Permit Date 11-13-09

GEOLOGIC LOG

WELL OWNER

ORIENTATION (°) ☐ VERTICAL ☐ HORIZONTAL ☐ ANGLE (SPECIFY)

DRILLING METHOD ROTARY FLUID 3TD

DESCRIPTION

Describe material, grain size, color, etc.

DEPTH FROM SURFACE
FL to FL

0-10	sandy-rocks
10-30	sandy-slightly firm
30-32	soft
32-70	sandy
70-85	harder
85-87	clacks
87-230	black & white rock, softer areas
230-233	softer, orange
233-330	black, white & orange
330-332	softer, orange
332-395	black & white rock, softer areas
395-395	sand
395-420	black & white rock

Name: MAMON DRIVE PARTNERS

Mailing Address: 16052 LAWSON VALLEY ROAD

City: SAN DIEGO, CA 92135 STATE ZIP

WELL LOCATION

Address: MC CORMICK VALLEY ROAD

City: SAN DIEGO, CA

County: SAN DIEGO

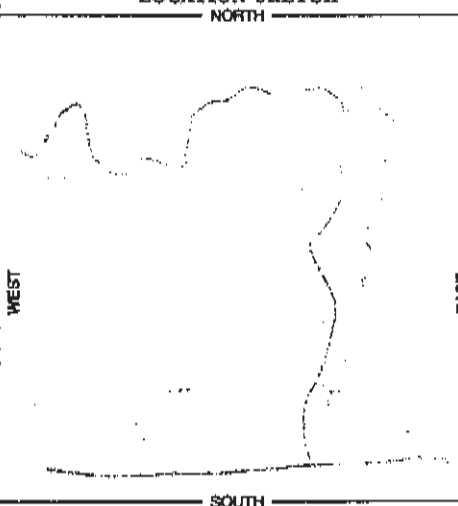
APN Book 511 Page 900 Parcel 4

Township 17 Range 3 Section 17

EAST DEG. MIN. SEC. N Long DEG. MIN. SEC. W

LOCATION SKETCH

NORTH



SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (°)

- ☒ NEW WELL
- MODIFICATION/REPAIR
- ☐ Deepen
- ☐ Other (Specify)
- DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")
- USES (°)
- WATER SUPPLY
- ☐ Domestic ☒ Public
- ☐ Irrigation ☒ Industrial
- MONITORING
- TEST WELL
- CATHODIC PROTECTION
- HEAT EXCHANGE
- DIRECT PUSH
- INJECTION
- VAPOR EXTRACTION
- SPARGING
- REMEDIATION
- OTHER (SPECIFY)

Completed Well Construction

Date 2/9/10

Date Inspected

Comments

KIVA entered on this site.

Water Sample Taken?

TOTAL DEPTH OF BORING 420 (Feet)

TOTAL DEPTH OF COMPLETION 420 (Feet)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 30 (FL) BELOW SURFACE

DEPTH OF STATIC

WATER LEVEL 30 (FL) & DATE MEASURED 11-10-09

ESTIMATED YIELD 60 (GPM) & TEST TYPE airlift

TEST LENGTH 2 (Hrs.) TOTAL DRAWDOWN -- (FL)

* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE		BORE HOLE DIA. (Inches)	CASING (S)						DEPTH FROM SURFACE		ANNULAR MATERIAL			
FL to FL			TYPE (X)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE			
			BLANK	SCREEN	COU-PLER	DUCTOR					FILL PIPE	CE- MENT (X)	BEN- TONITE (X)	FILL (X)
0	56	12	X				steel		.188	0	56	X	cement	was pump
0	75		X				steel	6 5/8	.188	0	75		X	
0	385	6 1/2		X			pvc	4	CL200	0	385		X	5/16 pea gravel

ATTACHMENTS (°)

- ☐ Geologic Log
- ☐ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☐ Other

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME: JIM MANOS DRILLING & PUMP

(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS: 16052 LAWSON VALLEY ROAD, JAMUL, CA 91935

CITY

STATE

ZIP

Signed

C-57 LICENSED WATER WELL CONTRACTOR

DATE SIGNED 11/10/10

3607 C-57 LIC

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. 1

Date Work Began 7-30-12, Ended 8-28-12

Local Permit Agency San Diego R.H.S.

Permit No. LWEL21165

Permit Date 5-4-12

STATE OF CALIFORNIA WELL COMPLETION REPORT

(Not to be Transmitted Outside)

No. 0947711

DATE WORK BEGAN		DATE WELL TESTED	
STATE WELL NO. (SECTION NO.)			
LATITUDE		LONGITUDE	
APPROXIMATED			

DEPTH FROM SURFACE	DIAMETER	DESCRIPTION
0-65	12	sand & rocks
65-135	12	black, white & orange
135-140	12	soft
140-192	12	rock
192-198	12	loose rock
198-230	12	rock
230-235	12	orange & soft
235-375	12	rock, some soft spots
375-485	12	soft, orange & white
485-485	12	rock
485-475	12	loose rocks, sand, orange
475-680	12	covered in
680	12	

TOTAL DEPTH TO BAILING 680 FEET
TOTAL DEPTH OF COMPLETED WELL 480 FEET

WELL OWNER	
Name	Rough Acres Foundation
Mailing Address	1000 Pioneer Way
City	El Cajon, Ca 92020
WELL LOCATION	
Address	2835 Ribbonwood Rd
City	Boulevard
County	San Diego
APN Block 611	Page 095 Parcel 04
Township 17N	Range 7E Section 9
LOCATION SKETCH	
ACTIVITY	
☐ Drilling ☐ Other (Specify)	
☐ TEST OF Casing ☐ TEST OF Well ☐ TEST OF Pump	
☐ TEST OF Water Supply ☐ TEST OF Water Level ☐ TEST OF Water Flow ☐ TEST OF Water Quality ☐ TEST OF Water Temperature ☐ TEST OF Water Pressure ☐ TEST OF Water Volume ☐ TEST OF Water Velocity ☐ TEST OF Water Turbidity ☐ TEST OF Water Conductivity ☐ TEST OF Water pH ☐ TEST OF Water Hardness ☐ TEST OF Water Total Dissolved Solids ☐ TEST OF Water Total Suspended Solids ☐ TEST OF Water Total Hardness ☐ TEST OF Water Total Alkalinity ☐ TEST OF Water Total Acidity ☐ TEST OF Water Total Chloride ☐ TEST OF Water Total Sulfate ☐ TEST OF Water Total Nitrate ☐ TEST OF Water Total Phosphate ☐ TEST OF Water Total Ammonia ☐ TEST OF Water Total Nitrite ☐ TEST OF Water Total Nitrogen ☐ TEST OF Water Total Phosphorus ☐ TEST OF Water Total Potassium ☐ TEST OF Water Total Magnesium ☐ TEST OF Water Total Calcium ☐ TEST OF Water Total Sodium ☐ TEST OF Water Total Chlorine ☐ TEST OF Water Total Bromine ☐ TEST OF Water Total Iodine ☐ TEST OF Water Total Fluorine ☐ TEST OF Water Total Selenium ☐ TEST OF Water Total Manganese ☐ TEST OF Water Total Zinc ☐ TEST OF Water Total Copper ☐ TEST OF Water Total Lead ☐ TEST OF Water Total Cadmium ☐ TEST OF Water Total Mercury ☐ TEST OF Water Total Barium ☐ TEST OF Water Total Strontium ☐ TEST OF Water Total Bismuth ☐ TEST OF Water Total Antimony ☐ TEST OF Water Total Arsenic ☐ TEST OF Water Total Boron ☐ TEST OF Water Total Molybdenum ☐ TEST OF Water Total Vanadium ☐ TEST OF Water Total Chromium ☐ TEST OF Water Total Cobalt ☐ TEST OF Water Total Nickel ☐ TEST OF Water Total Tin ☐ TEST OF Water Total Silver ☐ TEST OF Water Total Platinum ☐ TEST OF Water Total Gold ☐ TEST OF Water Total Palladium ☐ TEST OF Water Total Rhodium ☐ TEST OF Water Total Iridium ☐ TEST OF Water Total Osmium ☐ TEST OF Water Total Rhenium ☐ TEST OF Water Total Tellurium ☐ TEST OF Water Total Selenium ☐ TEST OF Water Total Manganese ☐ TEST OF Water Total Zinc ☐ TEST OF Water Total Copper ☐ TEST OF Water Total Lead ☐ TEST OF Water Total Cadmium ☐ TEST OF Water Total Mercury ☐ TEST OF Water Total Barium ☐ TEST OF Water Total Strontium ☐ TEST OF Water Total Bismuth ☐ TEST OF Water Total Antimony ☐ TEST OF Water Total Arsenic ☐ TEST OF Water Total Boron ☐ TEST OF Water Total Molybdenum ☐ TEST OF Water Total Vanadium ☐ TEST OF Water Total Chromium ☐ TEST OF Water Total Cobalt ☐ TEST OF Water Total Nickel ☐ TEST OF Water Total Tin ☐ TEST OF Water Total Silver ☐ TEST OF Water Total Platinum ☐ TEST OF Water Total Gold ☐ TEST OF Water Total Palladium ☐ TEST OF Water Total Rhodium ☐ TEST OF Water Total Iridium ☐ TEST OF Water Total Osmium ☐ TEST OF Water Total Rhenium ☐ TEST OF Water Total Tellurium	

WATER LEVEL & YIELD OF COMPLETED WELL	
DEPTH OF FIRST WATER	335 FEET BELOW SURFACE
DEPTH OF STATIC WATER LEVEL	15 FEET MEASURED 8-28-12
ESTIMATED YIELD	100 GPM & TEST TYPE: 1st test
TEST LENGTH	2 HRS. (1st test)

DEPTH FROM SURFACE	SPEL SIZE (IN)	TYPE (X)	CASING (SI)				DEPTH FROM SURFACE	ANNULAR MATERIAL			
			MATERIAL	DIAMETER	THICKNESS	SLOT SIZE		DIAMETER	THICKNESS	WATER PACK	WATER PACK
0-16	12	x	steel	188			0-16	x			
0-67	10	x	steel	188			0-67	x			
0-480	6	x	pvc	CL200			0-480	x			

ATTACHMENTS (X)

☐ Geology Log

☐ Well Completion Diagram

☐ Geotechnical Log

☐ Sanitary Drinking Analysis

☐ Other

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

WITNESSED BY: JIM MANOS DRILLING & PUMP

16652 LAWSON VLY RD, JAMUL, CA 91335

DATE: 8-28-12

8

THIS WELL HAS
NO PUMP OR POWER
NEEDS TO BE
RELOCATED EAST
OUTSIDE OF
TRANSMISSION LINE
POWER EASEMENT



Fain Drilling & Pump Co. Inc.

**12029 Old Castle Rd.
Valley Center, CA 92082
Phone (760) 749-0701
Fax (760) 749-6380**

Invoice

Date	Invoice #
2/11/2005	8048

~~11~~ 80

Bill To
THE HAMANN COMPANIES 1000 PIONEER WAY EL CAJON, CA 92020

Description	Qty	Rate	Amount	P.O. No.	Terms	Project
					Due on receipt	
DRILLING 970 FT DEEP WELL APN 611 110 01 PARCEL 6 120 AC EQUIPMENT SET UP DRILLING 6.5" DIA HOLE DRILLING 400-800' 6.5" DIA HOLE DRILLING 800 - 970' 6.5" DIA HOLE REAMING 6" TO 10" DIA HOLE FURNISH AND INSTALL 6" WELL CASING INSTALL 50 FT. SURFACE SEAL WELL PERMIT AND FILING FEES	1 400 400 170 226 228 1 1	500.00 12.00 14.00 16.00 12.00 13.00 1,500.00 490.00	500.00 4,800.00 5,600.00 2,720.00 2,712.00 2,964.00 1,500.00 490.00			
Total						\$21,286.00
Payments/Credits						\$0.00
Balance Due						\$21,286.00

(1921)

(1921)

PARCEL 7
600 acres

PARCEL 2
160 acres

PARCEL 10
40 45 acres

PARCEL 8
120 acres

PARCEL 6
120 acres

Test Hole

PAR. 10

LWEL 16457

Lat. $32^{\circ} 41' . 735'' - N$
Long. $116^{\circ} 16' . 613'' - W$

SECTIONS DRAWN AND
NUMBERED IN ACCORD-
ANCE WITH U.S. PATENTS

ACREAGE FROM U.S. PATENTS

NAME OF PATENTS SHOWN ()

BOULEVARD

FRWY

I-8

old Hwy 80

9

fully operational

old well

no info

probably 5-10 GPM

shallow

APPENDIX C

Groundwater Recharge Spreadsheet Calculations

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0	0.00	7.87	0.00	-65.10	22.85	0.00	1498.13
Aug-1982	8.37	0.70	0.68	0.06	7.87	0.01	-53.84	4.85	0.00	1490.26
Sep-1982	6.3	0.53	0.32	0.03	7.60	0.00	-41.86	1.83	0.00	1482.67
Oct-1982	4.34	0.36	0	0.00	7.46	0.00	-30.38	0.93	0.00	1475.21
Nov-1982	2.4	0.20	0.71	0.06	7.18	0.01	-11.84	0.72	0.00	1468.03
Dec-1982	1.55	0.13	0	0.00	7.05	0.00	-10.85	0.57	0.00	1460.98
Jan-1983	1.55	0.13	1.92	0.16	7.05	0.53	2.06	2.62	0.01	1453.94
Feb-1983	2.52	0.21	3.35	0.28	6.91	2.09	3.72	6.26	0.05	1447.08
Mar-1983	4.03	0.34	8.32	0.69	7.05	12.51	17.52	16.76	57.63	1497.67
Apr-1983	5.7	0.48	1.36	0.11	0.96	0.18	-30.56	13.44	0.00	1496.70
May-1983	7.75	0.65	0.12	0.01	1.24	0.00	-53.41	1.99	0.00	1495.47
Jun-1983	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.41	0.00	1493.95
Jul-1983	9.3	0.78	0	0.00	1.65	0.00	-65.10	0.09	0.00	1492.30
Aug-1983	8.37	0.70	1.18	0.10	1.65	0.11	-50.44	0.03	0.00	1490.65
Sep-1983	6.3	0.53	0.95	0.08	1.38	0.05	-37.50	0.01	0.00	1489.28
Oct-1983	4.34	0.36	1.06	0.09	1.24	0.07	-23.03	0.01	0.00	1488.04
Nov-1983	2.4	0.20	1.42	0.12	0.96	0.21	-7.07	0.01	0.00	1487.08
Dec-1983	1.55	0.13	0	0.00	0.83	0.00	-10.85	0.01	0.00	1486.25
Jan-1984	1.55	0.13	0.24	0.02	0.83	0.00	-9.17	0.01	0.00	1485.43
Feb-1984	2.52	0.21	0	0.00	0.69	0.00	-17.64	0.00	0.00	1484.74
Mar-1984	4.03	0.34	0.04	0.00	0.83	0.00	-27.93	0.00	0.00	1483.92
Apr-1984	5.7	0.48	0.12	0.01	0.96	0.00	-39.06	0.00	0.00	1482.95
May-1984	7.75	0.65	0	0.00	1.24	0.00	-54.25	0.00	0.00	1481.72
Jun-1984	8.7	0.73	0.12	0.01	1.51	0.00	-60.06	0.00	0.00	1480.20
Jul-1984	9.3	0.78	2.8	0.23	1.65	1.38	-46.88	0.00	0.00	1478.55
Aug-1984	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.00	0.00	1476.90
Sep-1984	6.3	0.53	0	0.00	1.38	0.00	-44.10	0.00	0.00	1475.53
Oct-1984	4.34	0.36	0.04	0.00	1.24	0.00	-30.10	0.00	0.00	1474.29
Nov-1984	2.4	0.20	0.83	0.07	0.96	0.02	-11.01	0.00	0.00	1473.33
Dec-1984	1.55	0.13	3.62	0.30	0.83	2.49	12.00	10.37	8.51	1481.01
Jan-1985	1.55	0.13	0.98	0.08	0.83	0.05	-4.04	8.98	0.00	1480.18
Feb-1985	2.52	0.21	0	0.00	0.69	0.00	-17.64	4.10	0.00	1479.50
Mar-1985	4.03	0.34	0	0.00	0.83	0.00	-28.21	1.64	0.00	1478.67
Apr-1985	5.7	0.48	0	0.00	0.96	0.00	-39.90	0.58	0.00	1477.71
May-1985	7.75	0.65	0	0.00	1.24	0.00	-54.25	0.16	0.00	1476.47
Jun-1985	8.7	0.73	0.04	0.00	1.51	0.00	-60.62	0.04	0.00	1474.96
Jul-1985	9.3	0.78	1.1	0.09	1.65	0.08	-57.48	0.01	0.00	1473.31
Aug-1985	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.00	0.00	1471.66
Sep-1985	6.3	0.53	0.51	0.04	1.38	0.00	-40.53	0.00	0.00	1470.28

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1

Oct-1985	4.34	0.36	0.47	0.04	1.24	0.00	-27.09	0.00	0.00	1469.05
Nov-1985	2.4	0.20	3.51	0.29	0.96	2.32	5.45	5.26	0.12	1468.20
Dec-1985	1.55	0.13	0.39	0.03	0.83	0.00	-8.12	3.54	0.00	1467.38
Jan-1986	1.55	0.13	0.51	0.04	0.83	0.00	-7.28	2.50	0.00	1466.55
Feb-1986	2.52	0.21	2.25	0.19	0.69	0.81	-2.70	2.28	0.00	1465.87
Mar-1986	4.03	0.34	2.21	0.18	0.83	0.78	-13.52	1.41	0.00	1465.04
Apr-1986	5.7	0.48	0.04	0.00	0.96	0.00	-39.62	0.44	0.00	1464.08
May-1986	7.75	0.65	0	0.00	1.24	0.00	-54.25	0.11	0.00	1462.84
Jun-1986	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.03	0.00	1461.33
Jul-1986	9.3	0.78	0	0.00	1.65	0.00	-65.10	0.01	0.00	1459.68
Aug-1986	8.37	0.70	0.16	0.01	1.65	0.00	-57.47	0.00	0.00	1458.03
Sep-1986	6.3	0.53	0	0.00	1.38	0.00	-44.10	0.00	0.00	1456.65
Oct-1986	4.34	0.36	0	0.00	1.24	0.00	-30.38	0.00	0.00	1455.42
Nov-1986	2.4	0.20	0.67	0.06	0.96	0.01	-12.12	0.00	0.00	1454.45
Dec-1986	1.55	0.13	0.43	0.04	0.83	0.00	-7.84	0.00	0.00	1453.63
Jan-1987	1.55	0.13	1.5	0.13	0.83	0.25	-0.60	0.00	0.00	1452.80
Feb-1987	2.52	0.21	0.63	0.05	0.69	0.00	-13.23	0.00	0.00	1452.12
Mar-1987	4.03	0.34	0	0.00	0.83	0.00	-28.21	0.00	0.00	1451.29
Apr-1987	5.7	0.48	0.16	0.01	0.96	0.00	-38.78	0.00	0.00	1450.33
May-1987	7.75	0.65	0.12	0.01	1.24	0.00	-53.41	0.00	0.00	1449.09
Jun-1987	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.00	0.00	1447.58
Jul-1987	9.3	0.78	0	0.00	1.65	0.00	-65.10	0.00	0.00	1445.93
Aug-1987	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.00	0.00	1444.28
Sep-1987	6.3	0.53	0.39	0.03	1.38	0.00	-41.37	0.00	0.00	1442.90
Oct-1987	4.34	0.36	0	0.00	1.24	0.00	-30.38	0.00	0.00	1441.67
Nov-1987	2.4	0.20	0.91	0.08	0.96	0.04	-10.47	0.00	0.00	1440.70
Dec-1987	1.55	0.13	1.69	0.14	0.83	0.37	0.61	0.66	0.00	1439.88
Jan-1988	1.55	0.13	2.6	0.22	0.83	1.16	6.19	6.39	0.30	1439.35
Feb-1988	2.52	0.21	2.09	0.17	0.69	0.67	-3.68	11.95	0.00	1438.66
Mar-1988	4.03	0.34	0.43	0.04	0.83	0.00	-25.20	5.95	0.00	1437.84
Apr-1988	5.7	0.48	1.38	0.12	0.96	0.19	-30.43	3.04	0.00	1436.88
May-1988	7.75	0.65	0	0.00	1.24	0.00	-54.25	1.01	0.00	1435.64
Jun-1988	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.30	0.00	1434.13
Jul-1988	9.3	0.78	0.24	0.02	1.65	0.00	-63.42	0.09	0.00	1432.48
Aug-1988	8.37	0.70	0.79	0.07	1.65	0.02	-53.08	0.03	0.00	1430.83
Sep-1988	6.3	0.53	0.32	0.03	1.38	0.00	-41.86	0.01	0.00	1429.45
Oct-1988	4.34	0.36	0	0.00	1.24	0.00	-30.38	0.01	0.00	1428.21
Nov-1988	2.4	0.20	0.47	0.04	0.96	0.00	-13.51	0.01	0.00	1427.25
Dec-1988	1.55	0.13	1.18	0.10	0.83	0.11	-2.70	0.01	0.00	1426.43
Jan-1989	1.55	0.13	0.59	0.05	0.83	0.00	-6.72	0.01	0.00	1425.60
Feb-1989	2.52	0.21	0.04	0.00	0.69	0.00	-17.36	0.00	0.00	1424.91
Mar-1989	4.03	0.34	0	0.00	0.83	0.00	-28.21	0.00	0.00	1424.09
Apr-1989	5.7	0.48	0	0.00	0.96	0.00	-39.90	0.00	0.00	1423.13
May-1989	7.75	0.65	0.12	0.01	1.24	0.00	-53.41	0.00	0.00	1421.89
Jun-1989	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.00	0.00	1420.38

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1

Jul-1989	9.3	0.78	0.35	0.03	1.65	0.00	-62.65	0.00	0.00	1418.73
Aug-1989	8.37	0.70	0.87	0.07	1.65	0.03	-52.53	0.00	0.00	1417.08
Sep-1989	6.3	0.53	0	0.00	1.38	0.00	-44.10	0.00	0.00	1415.70
Oct-1989	4.34	0.36	1.62	0.14	1.24	0.32	-19.36	0.00	0.00	1414.46
Nov-1989	2.4	0.20	0.08	0.01	0.96	0.00	-16.24	0.00	0.00	1413.50
Dec-1989	1.55	0.13	0.12	0.01	0.83	0.00	-10.01	0.00	0.00	1412.68
Jan-1990	1.55	0.13	1.82	0.15	0.83	0.46	1.43	1.43	0.00	1411.85
Feb-1990	2.52	0.21	0.71	0.06	0.69	0.01	-12.68	0.77	0.00	1411.16
Mar-1990	4.03	0.34	0.55	0.05	0.83	0.00	-24.36	0.32	0.00	1410.34
Apr-1990	5.7	0.48	0.75	0.06	0.96	0.01	-34.66	0.12	0.00	1409.38
May-1990	7.75	0.65	0.32	0.03	1.24	0.00	-52.01	0.04	0.00	1408.14
Jun-1990	8.7	0.73	2.76	0.23	1.51	1.33	-42.91	0.01	0.00	1406.63
Jul-1990	9.3	0.78	0	0.00	1.65	0.00	-65.10	0.00	0.00	1404.98
Aug-1990	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.00	0.00	1403.33
Sep-1990	6.3	0.53	0.16	0.01	1.38	0.00	-42.98	0.00	0.00	1401.95
Oct-1990	4.34	0.36	0.16	0.01	1.24	0.00	-29.26	0.00	0.00	1400.71
Nov-1990	2.4	0.20	0.43	0.04	0.96	0.00	-13.79	0.00	0.00	1399.75
Dec-1990	1.55	0.13	0.59	0.05	0.83	0.00	-6.72	0.00	0.00	1398.93
Jan-1991	1.55	0.13	1.06	0.09	0.83	0.07	-3.50	0.00	0.00	1398.10
Feb-1991	2.52	0.21	3.23	0.27	0.69	1.93	3.04	3.05	0.00	1397.41
Mar-1991	4.03	0.34	5.91	0.49	0.83	6.80	6.36	8.71	10.47	1407.06
Apr-1991	5.7	0.48	0	0.00	0.96	0.00	-39.90	10.25	0.00	1406.10
May-1991	7.75	0.65	0.04	0.00	1.24	0.00	-53.97	2.91	0.00	1404.86
Jun-1991	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.87	0.00	1403.35
Jul-1991	9.3	0.78	0.2	0.02	1.65	0.00	-63.70	0.26	0.00	1401.70
Aug-1991	8.37	0.70	0.32	0.03	1.65	0.00	-56.35	0.09	0.00	1400.05
Sep-1991	6.3	0.53	0.43	0.04	1.38	0.00	-41.09	0.04	0.00	1398.68
Oct-1991	4.34	0.36	0.43	0.04	1.24	0.00	-27.37	0.02	0.00	1397.44
Nov-1991	2.4	0.20	0.16	0.01	0.96	0.00	-15.68	0.02	0.00	1396.48
Dec-1991	1.55	0.13	2.36	0.20	0.83	0.92	4.75	4.46	0.20	1395.85
Jan-1992	1.55	0.13	1.85	0.15	0.83	0.48	1.62	6.01	0.04	1395.06
Feb-1992	2.52	0.21	3.31	0.28	0.69	2.04	3.49	9.09	5.62	1400.00
Mar-1992	4.03	0.34	4.73	0.39	0.83	4.40	0.50	9.92	7.90	1407.08
Apr-1992	5.7	0.48	0.47	0.04	0.96	0.00	-36.61	3.81	0.00	1406.11
May-1992	7.75	0.65	0.63	0.05	1.24	0.00	-49.84	0.60	0.00	1404.88
Jun-1992	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.14	0.00	1403.36
Jul-1992	9.3	0.78	0.75	0.06	1.65	0.01	-59.86	0.04	0.00	1401.71
Aug-1992	8.37	0.70	1.69	0.14	1.65	0.37	-47.13	0.01	0.00	1400.06
Sep-1992	6.3	0.53	0	0.00	1.38	0.00	-44.10	0.01	0.00	1398.69
Oct-1992	4.34	0.36	0.28	0.02	1.24	0.00	-28.42	0.00	0.00	1397.45
Nov-1992	2.4	0.20	0.08	0.01	0.96	0.00	-16.24	0.00	0.00	1396.49
Dec-1992	1.55	0.13	2.76	0.23	0.83	1.33	7.14	6.57	0.36	1396.03
Jan-1993	1.55	0.13	9.89	0.82	0.83	16.63	41.75	22.01	179.37	1506.00
Feb-1993	2.52	0.21	5.24	0.44	0.69	5.39	13.65	22.85	85.69	1506.00
Mar-1993	4.03	0.34	0.79	0.07	0.83	0.02	-22.70	22.85	0.00	1505.18

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1

Apr-1993	5.7	0.48	0	0.00	0.96	0.00	-39.90	6.87	0.00	1504.21
May-1993	7.75	0.65	0.2	0.02	1.24	0.00	-52.85	1.95	0.00	1502.98
Jun-1993	8.7	0.73	0.2	0.02	1.51	0.00	-59.50	0.53	0.00	1501.46
Jul-1993	9.3	0.78	0	0.00	1.65	0.00	-65.10	0.14	0.00	1499.81
Aug-1993	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.04	0.00	1498.16
Sep-1993	6.3	0.53	0	0.00	1.38	0.00	-44.10	0.02	0.00	1496.79
Oct-1993	4.34	0.36	0.08	0.01	1.24	0.00	-29.82	0.01	0.00	1495.55
Nov-1993	2.4	0.20	1.3	0.11	0.96	0.15	-7.85	0.01	0.00	1494.59
Dec-1993	1.55	0.13	0.63	0.05	0.83	0.00	-6.44	0.01	0.00	1493.76
Jan-1994	1.55	0.13	1.02	0.09	0.83	0.06	-3.77	0.01	0.00	1492.94
Feb-1994	2.52	0.21	3.7	0.31	0.69	2.61	5.65	5.47	0.12	1492.37
Mar-1994	4.03	0.34	2.32	0.19	0.83	0.88	-12.85	3.07	0.00	1491.54
Apr-1994	5.7	0.48	0.75	0.06	0.96	0.01	-34.66	0.88	0.00	1490.58
May-1994	7.75	0.65	0.08	0.01	1.24	0.00	-53.69	0.21	0.00	1489.34
Jun-1994	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.05	0.00	1487.83
Jul-1994	9.3	0.78	0	0.00	1.65	0.00	-65.10	0.01	0.00	1486.18
Aug-1994	8.37	0.70	1.69	0.14	1.65	0.37	-47.13	0.00	0.00	1484.53
Sep-1994	6.3	0.53	0.39	0.03	1.38	0.00	-41.37	0.00	0.00	1483.15
Oct-1994	4.34	0.36	0.04	0.00	1.24	0.00	-30.10	0.00	0.00	1481.92
Nov-1994	2.4	0.20	0.47	0.04	0.96	0.00	-13.51	0.00	0.00	1480.95
Dec-1994	1.55	0.13	1.65	0.14	0.83	0.34	0.36	0.45	0.00	1480.13
Jan-1995	1.55	0.13	6.5	0.54	0.83	8.11	26.54	17.48	63.47	1506.00
Feb-1995	2.52	0.21	3.15	0.26	0.69	1.82	2.59	18.18	17.91	1506.00
Mar-1995	4.03	0.34	3.66	0.31	0.83	2.55	-5.14	18.89	0.00	1505.18
Apr-1995	5.7	0.48	0.55	0.05	0.96	0.00	-36.05	5.65	0.00	1504.21
May-1995	7.75	0.65	0.79	0.07	1.24	0.02	-48.74	1.57	0.00	1502.98
Jun-1995	8.7	0.73	0.2	0.02	1.51	0.00	-59.50	0.38	0.00	1501.46
Jul-1995	9.3	0.78	0.04	0.00	1.65	0.00	-64.82	0.09	0.00	1499.81
Aug-1995	8.37	0.70	0.55	0.05	1.65	0.00	-54.74	0.03	0.00	1498.16
Sep-1995	6.3	0.53	0.47	0.04	1.38	0.00	-40.81	0.01	0.00	1496.79
Oct-1995	4.34	0.36	0	0.00	1.24	0.00	-30.38	0.01	0.00	1495.55
Nov-1995	2.4	0.20	0	0.00	0.96	0.00	-16.80	0.00	0.00	1494.59
Dec-1995	1.55	0.13	0.28	0.02	0.83	0.00	-8.89	0.00	0.00	1493.76
Jan-1996	1.55	0.13	1.18	0.10	0.83	0.11	-2.70	0.00	0.00	1492.94
Feb-1996	2.52	0.21	5.16	0.43	0.69	5.23	13.25	11.32	14.15	1506.00
Mar-1996	4.03	0.34	1.58	0.13	0.83	0.30	-17.45	6.54	0.00	1505.18
Apr-1996	5.7	0.48	0.08	0.01	0.96	0.00	-39.34	1.52	0.00	1504.21
May-1996	7.75	0.65	0.16	0.01	1.24	0.00	-53.13	0.39	0.00	1502.98
Jun-1996	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.10	0.00	1501.46
Jul-1996	9.3	0.78	0.04	0.00	1.65	0.00	-64.82	0.02	0.00	1499.81
Aug-1996	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.01	0.00	1498.16
Sep-1996	6.3	0.53	0.16	0.01	1.38	0.00	-42.98	0.00	0.00	1496.79
Oct-1996	4.34	0.36	0.87	0.07	1.24	0.03	-24.32	0.00	0.00	1495.55
Nov-1996	2.4	0.20	0.87	0.07	0.96	0.03	-10.74	0.00	0.00	1494.59
Dec-1996	1.55	0.13	1.42	0.12	0.83	0.21	-1.12	0.00	0.00	1493.76

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1

Jan-1997	1.55	0.13	3.58	0.30	0.83	2.43	11.78	10.22	7.94	1500.88
Feb-1997	2.52	0.21	1.02	0.09	0.69	0.06	-10.56	7.19	0.00	1500.19
Mar-1997	4.03	0.34	0.04	0.00	0.83	0.00	-27.93	2.32	0.00	1499.37
Apr-1997	5.7	0.48	0.43	0.04	0.96	0.00	-36.89	0.82	0.00	1498.40
May-1997	7.75	0.65	0	0.00	1.24	0.00	-54.25	0.22	0.00	1497.17
Jun-1997	8.7	0.73	0.55	0.05	1.51	0.00	-57.05	0.06	0.00	1495.65
Jul-1997	9.3	0.78	0.08	0.01	1.65	0.00	-64.54	0.02	0.00	1494.00
Aug-1997	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.00	0.00	1492.35
Sep-1997	6.3	0.53	1.97	0.16	1.38	0.57	-30.88	0.00	0.00	1490.98
Oct-1997	4.34	0.36	0.08	0.01	1.24	0.00	-29.82	0.00	0.00	1489.74
Nov-1997	2.4	0.20	1.38	0.12	0.96	0.19	-7.33	0.00	0.00	1488.78
Dec-1997	1.55	0.13	2.68	0.22	0.83	1.24	6.67	6.15	0.33	1488.28
Jan-1998	1.55	0.13	1.42	0.12	0.83	0.21	-1.12	5.83	0.00	1487.46
Feb-1998	2.52	0.21	7.76	0.65	0.69	11.10	25.58	18.80	92.28	1506.00
Mar-1998	4.03	0.34	3.66	0.31	0.83	2.55	-5.14	21.35	0.00	1505.18
Apr-1998	5.7	0.48	1.69	0.14	0.96	0.37	-28.44	8.66	0.00	1504.21
May-1998	7.75	0.65	1.3	0.11	1.24	0.15	-45.30	2.84	0.00	1502.98
Jun-1998	8.7	0.73	0.04	0.00	1.51	0.00	-60.62	0.75	0.00	1501.46
Jul-1998	9.3	0.78	0.08	0.01	1.65	0.00	-64.54	0.20	0.00	1499.81
Aug-1998	8.37	0.70	1.65	0.14	1.65	0.34	-47.38	0.08	0.00	1498.16
Sep-1998	6.3	0.53	0.32	0.03	1.38	0.00	-41.86	0.03	0.00	1496.79
Oct-1998	4.34	0.36	0.04	0.00	1.24	0.00	-30.10	0.02	0.00	1495.55
Nov-1998	2.4	0.20	1.38	0.12	0.96	0.19	-7.33	0.02	0.00	1494.59
Dec-1998	1.55	0.13	1.42	0.12	0.83	0.21	-1.12	0.02	0.00	1493.76
Jan-1999	1.55	0.13	1.58	0.13	0.83	0.30	-0.09	0.13	0.00	1492.94
Feb-1999	2.52	0.21	0.87	0.07	0.69	0.03	-11.58	0.08	0.00	1492.25
Mar-1999	4.03	0.34	0.71	0.06	0.83	0.01	-23.25	0.03	0.00	1491.43
Apr-1999	5.7	0.48	1.73	0.14	0.96	0.40	-28.19	0.01	0.00	1490.46
May-1999	7.75	0.65	0.2	0.02	1.24	0.00	-52.85	0.00	0.00	1489.23
Jun-1999	8.7	0.73	0.32	0.03	1.51	0.00	-58.66	0.00	0.00	1487.71
Jul-1999	9.3	0.78	0.87	0.07	1.65	0.03	-59.04	0.00	0.00	1486.06
Aug-1999	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.00	0.00	1484.41
Sep-1999	6.3	0.53	0.08	0.01	1.38	0.00	-43.54	0.00	0.00	1483.04
Oct-1999	4.34	0.36	0.2	0.02	1.24	0.00	-28.98	0.00	0.00	1481.80
Nov-1999	2.4	0.20	0.04	0.00	0.96	0.00	-16.52	0.00	0.00	1480.84
Dec-1999	1.55	0.13	0.2	0.02	0.83	0.00	-9.45	0.00	0.00	1480.01
Jan-2000	1.55	0.13	0.71	0.06	0.83	0.01	-5.89	0.00	0.00	1479.19
Feb-2000	2.52	0.21	3.58	0.30	0.69	2.43	4.99	4.88	0.07	1478.57
Mar-2000	4.03	0.34	1.14	0.10	0.83	0.09	-20.32	2.01	0.00	1477.74
Apr-2000	5.7	0.48	0.55	0.05	0.96	0.00	-36.05	0.59	0.00	1476.78
May-2000	7.75	0.65	0.04	0.00	1.24	0.00	-53.97	0.15	0.00	1475.54
Jun-2000	8.7	0.73	0.28	0.02	1.51	0.00	-58.94	0.04	0.00	1474.03
Jul-2000	9.3	0.78	0	0.00	1.65	0.00	-65.10	0.01	0.00	1472.38
Aug-2000	8.37	0.70	0.79	0.07	1.65	0.02	-53.08	0.00	0.00	1470.73
Sep-2000	6.3	0.53	0.16	0.01	1.38	0.00	-42.98	0.00	0.00	1469.36

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1

Oct-2000	4.34	0.36	0.67	0.06	1.24	0.01	-25.70	0.00	0.00	1468.12
Nov-2000	2.4	0.20	0.28	0.02	0.96	0.00	-14.84	0.00	0.00	1467.16
Dec-2000	1.55	0.13	0.08	0.01	0.83	0.00	-10.29	0.00	0.00	1466.33
Jan-2001	1.55	0.13	1.69	0.14	0.83	0.37	0.61	0.66	0.00	1465.51
Feb-2001	2.52	0.21	2.56	0.21	0.69	1.11	-0.83	0.78	0.00	1464.82
Mar-2001	4.03	0.34	0.87	0.07	0.83	0.03	-22.15	0.30	0.00	1463.99
Apr-2001	5.7	0.48	1.02	0.09	0.96	0.06	-32.82	0.10	0.00	1463.03
May-2001	7.75	0.65	0	0.00	1.24	0.00	-54.25	0.03	0.00	1461.79
Jun-2001	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.01	0.00	1460.28
Jul-2001	9.3	0.78	0.04	0.00	1.65	0.00	-64.82	0.00	0.00	1458.63
Aug-2001	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.00	0.00	1456.98
Sep-2001	6.3	0.53	2.44	0.20	1.38	0.99	-28.01	0.00	0.00	1455.61
Oct-2001	4.34	0.36	0	0.00	1.24	0.00	-30.38	0.00	0.00	1454.37
Nov-2001	2.4	0.20	0.59	0.05	0.96	0.00	-12.67	0.00	0.00	1453.41
Dec-2001	1.55	0.13	1.1	0.09	0.83	0.08	-3.23	0.00	0.00	1452.58
Jan-2002	1.55	0.13	0.32	0.03	0.83	0.00	-8.61	0.00	0.00	1451.76
Feb-2002	2.52	0.21	0.16	0.01	0.69	0.00	-16.52	0.00	0.00	1451.07
Mar-2002	4.03	0.34	0.67	0.06	0.83	0.01	-23.53	0.00	0.00	1450.24
Apr-2002	5.7	0.48	0.43	0.04	0.96	0.00	-36.89	0.00	0.00	1449.28
May-2002	7.75	0.65	0	0.00	1.24	0.00	-54.25	0.00	0.00	1448.04
Jun-2002	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.00	0.00	1446.53
Jul-2002	9.3	0.78	0	0.00	1.65	0.00	-65.10	0.00	0.00	1444.88
Aug-2002	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.00	0.00	1443.23
Sep-2002	6.3	0.53	0.95	0.08	1.38	0.05	-37.50	0.00	0.00	1441.86
Oct-2002	4.34	0.36	0.16	0.01	1.24	0.00	-29.26	0.00	0.00	1440.62
Nov-2002	2.4	0.20	1.46	0.12	0.96	0.23	-6.81	0.00	0.00	1439.66
Dec-2002	1.55	0.13	1.38	0.12	0.83	0.19	-1.38	0.00	0.00	1438.83
Jan-2003	1.55	0.13	0.16	0.01	0.83	0.00	-9.73	0.00	0.00	1438.01
Feb-2003	2.52	0.21	3.62	0.30	0.69	2.49	5.21	5.08	0.09	1437.40
Mar-2003	4.03	0.34	1.42	0.12	0.83	0.21	-18.48	2.24	0.00	1436.58
Apr-2003	5.7	0.48	1.5	0.13	0.96	0.25	-29.65	0.79	0.00	1435.62
May-2003	7.75	0.65	0.83	0.07	1.24	0.02	-48.46	0.22	0.00	1434.38
Jun-2003	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.05	0.00	1432.87
Jul-2003	9.3	0.78	0.2	0.02	1.65	0.00	-63.70	0.01	0.00	1431.22
Aug-2003	8.37	0.70	1.93	0.16	1.65	0.54	-45.62	0.01	0.00	1429.57
Sep-2003	6.3	0.53	0.04	0.00	1.38	0.00	-43.82	0.00	0.00	1428.19
Oct-2003	4.34	0.36	0	0.00	1.24	0.00	-30.38	0.00	0.00	1426.95
Nov-2003	2.4	0.20	0.55	0.05	0.96	0.00	-12.95	0.00	0.00	1425.99
Dec-2003	1.55	0.13	1.5	0.13	0.83	0.25	-0.60	0.00	0.00	1425.17
Jan-2004	1.55	0.13	0.59	0.05	0.83	0.00	-6.72	0.00	0.00	1424.34
Feb-2004	2.52	0.21	3.66	0.31	0.69	2.55	5.43	5.27	0.10	1423.76
Mar-2004	4.03	0.34	1.54	0.13	0.83	0.28	-17.71	2.40	0.00	1422.93
Apr-2004	5.7	0.48	0.66	0.06	0.96	0.00	-35.28	0.71	0.00	1421.97
May-2004	7.75	0.65	0	0.00	1.24	0.00	-54.25	0.17	0.00	1420.73
Jun-2004	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.04	0.00	1419.22

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1

Jul-2004	9.3	0.78	0.24	0.02	1.65	0.00	-63.42	0.01	0.00	1417.57
Aug-2004	8.37	0.70	0.51	0.04	1.65	0.00	-55.02	0.00	0.00	1415.92
Sep-2004	6.3	0.53	0.04	0.00	1.38	0.00	-43.82	0.00	0.00	1414.54
Oct-2004	4.34	0.36	6.58	0.55	1.24	8.29	7.39	7.15	3.52	1416.82
Nov-2004	2.4	0.20	0.67	0.06	0.96	0.01	-12.12	4.98	0.00	1415.86
Dec-2004	1.55	0.13	4.14	0.35	0.83	3.33	14.80	14.70	43.02	1458.05
Jan-2005	1.55	0.13	3.55	0.30	0.83	2.38	11.62	18.77	54.55	1506.00
Feb-2005	2.52	0.21	4.18	0.35	0.69	3.40	8.22	22.85	48.12	1506.00
Mar-2005	4.03	0.34	1.02	0.09	0.83	0.06	-21.13	20.37	0.00	1505.18
Apr-2005	5.7	0.48	0.39	0.03	0.96	0.00	-37.17	6.15	0.00	1504.21
May-2005	7.75	0.65	0.04	0.00	1.24	0.00	-53.97	1.59	0.00	1502.98
Jun-2005	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.40	0.00	1501.46
Jul-2005	9.3	0.78	0.55	0.05	1.65	0.00	-61.25	0.11	0.00	1499.81
Aug-2005	8.37	0.70	3.19	0.27	1.65	1.87	-38.13	0.05	0.00	1498.16
Sep-2005	6.3	0.53	0.08	0.01	1.38	0.00	-43.54	0.02	0.00	1496.79
Oct-2005	4.34	0.36	0.59	0.05	1.24	0.00	-26.25	0.01	0.00	1495.55
Nov-2005	2.4	0.20	0.04	0.00	0.96	0.00	-16.52	0.01	0.00	1494.59
Dec-2005	1.55	0.13	0.12	0.01	0.83	0.00	-10.01	0.01	0.00	1493.76
Jan-2006	1.55	0.13	0.51	0.04	0.83	0.00	-7.28	0.01	0.00	1492.94
Feb-2006	2.52	0.21	1.06	0.09	0.69	0.07	-10.29	0.01	0.00	1492.25
Mar-2006	4.03	0.34	2.64	0.22	0.83	1.20	-10.93	0.00	0.00	1491.43
Apr-2006	5.7	0.48	1.73	0.14	0.96	0.40	-28.19	0.00	0.00	1490.46
May-2006	7.75	0.65	0.08	0.01	1.24	0.00	-53.69	0.00	0.00	1489.23
Jun-2006	8.7	0.73	0.16	0.01	1.51	0.00	-59.78	0.00	0.00	1487.71
Jul-2006	9.3	0.78	0.35	0.03	1.65	0.00	-62.65	0.00	0.00	1486.06
Aug-2006	8.37	0.70	0.08	0.01	1.65	0.00	-58.03	0.00	0.00	1484.41
Sep-2006	6.3	0.53	0.04	0.00	1.38	0.00	-43.82	0.00	0.00	1483.04
Oct-2006	4.34	0.36	0.24	0.02	1.24	0.00	-28.70	0.00	0.00	1481.80
Nov-2006	2.4	0.20	0.08	0.01	0.96	0.00	-16.24	0.00	0.00	1480.84
Dec-2006	1.55	0.13	0.79	0.07	0.83	0.02	-5.34	0.00	0.00	1480.01
Jan-2007	1.55	0.13	0.35	0.03	0.83	0.00	-8.40	0.00	0.00	1479.19
Feb-2007	2.52	0.21	1.3	0.11	0.69	0.15	-8.69	0.00	0.00	1478.50
Mar-2007	4.03	0.34	0.39	0.03	0.83	0.00	-25.48	0.00	0.00	1477.68
Apr-2007	5.7	0.48	0.32	0.03	0.96	0.00	-37.66	0.00	0.00	1476.71
May-2007	7.75	0.65	0	0.00	1.24	0.00	-54.25	0.00	0.00	1475.48
Jun-2007	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.00	0.00	1473.96
Jul-2007	9.3	0.78	0	0.00	1.65	0.00	-65.10	0.00	0.00	1472.31
Aug-2007	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.00	0.00	1470.66
Sep-2007	6.3	0.53	0.16	0.01	1.38	0.00	-42.98	0.00	0.00	1469.29
Oct-2007	4.34	0.36	0.16	0.01	1.24	0.00	-29.26	0.00	0.00	1468.05
Nov-2007	2.4	0.20	1.65	0.14	0.96	0.34	-5.59	0.00	0.00	1467.09
Dec-2007	1.55	0.13	0.79	0.07	0.83	0.02	-5.34	0.00	0.00	1466.26
Jan-2008	1.55	0.13	4.32	0.36	0.83	3.65	15.74	12.61	20.17	1485.61
Feb-2008	2.52	0.21	2.09	0.17	0.69	0.67	-3.68	12.02	0.00	1484.92
Mar-2008	4.03	0.34	0.32	0.03	0.83	0.00	-25.97	4.09	0.00	1484.09

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1

Apr-2008	5.7	0.48	0	0.00	0.96	0.00	-39.90	1.27	0.00	1483.13
May-2008	7.75	0.65	0.2	0.02	1.24	0.00	-52.85	0.35	0.00	1481.89
Jun-2008	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.09	0.00	1480.38
Jul-2008	9.3	0.78	0	0.00	1.65	0.00	-65.10	0.02	0.00	1478.73
Aug-2008	8.37	0.70	0.24	0.02	1.65	0.00	-56.91	0.01	0.00	1477.08
Sep-2008	6.3	0.53	0.63	0.05	1.38	0.00	-39.69	0.00	0.00	1475.71
Oct-2008	4.34	0.36	0.04	0.00	1.24	0.00	-30.10	0.00	0.00	1474.47
Nov-2008	2.4	0.20	1.38	0.12	0.96	0.19	-7.33	0.00	0.00	1473.51
Dec-2008	1.55	0.13	5.39	0.45	0.83	5.70	21.18	14.97	40.74	1506.00
Jan-2009	1.55	0.13	0.08	0.01	0.83	0.00	-10.29	12.75	0.00	1505.18
Feb-2009	2.52	0.21	2.56	0.21	0.69	1.11	-0.83	12.34	0.76	1505.25
Mar-2009	4.03	0.34	0	0.00	0.83	0.00	-28.21	7.52	0.00	1504.42
Apr-2009	5.7	0.48	0.16	0.01	0.96	0.00	-38.78	1.63	0.00	1503.46
May-2009	7.75	0.65	0	0.00	1.24	0.00	-54.25	0.38	0.00	1502.22
Jun-2009	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.10	0.00	1500.71
Jul-2009	9.3	0.78	0.32	0.03	1.65	0.00	-62.86	0.03	0.00	1499.06
Aug-2009	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.01	0.00	1497.41
Sep-2009	6.3	0.53	0	0.00	1.38	0.00	-44.10	0.00	0.00	1496.03
Oct-2009	4.34	0.36	0.04	0.00	1.24	0.00	-30.10	0.00	0.00	1494.80
Nov-2009	2.4	0.20	0.43	0.04	0.96	0.00	-13.79	0.00	0.00	1493.83
Dec-2009	1.55	0.13	3.31	0.28	0.83	2.04	10.28	9.13	4.09	1497.09
Jan-2010	1.55	0.13	5.75	0.48	0.83	6.45	22.95	19.26	92.50	1506.00
Feb-2010	2.52	0.21	2.76	0.23	0.69	1.33	0.35	19.36	6.76	1506.00
Mar-2010	4.03	0.34	1.18	0.10	0.83	0.11	-20.06	14.57	0.00	1505.18
Apr-2010	5.7	0.48	1.46	0.12	0.96	0.23	-29.91	5.31	0.00	1504.21
May-2010	7.75	0.65	0	0.00	1.24	0.00	-54.25	1.25	0.00	1502.98
Jun-2010	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.30	0.00	1501.46
Jul-2010	9.3	0.78	0.04	0.00	1.65	0.00	-64.82	0.07	0.00	1499.81
Aug-2010	8.37	0.70	0	0.00	1.65	0.00	-58.59	0.02	0.00	1498.16
Sep-2010	6.3	0.53	0	0.00	1.38	0.00	-44.10	0.01	0.00	1496.79
Oct-2010	4.34	0.36	4.1	0.34	1.24	3.27	-4.95	0.01	0.00	1495.55
Nov-2010	2.4	0.20	0.83	0.07	0.96	0.02	-11.01	0.01	0.00	1494.59
Dec-2010	1.55	0.13	4.1	0.34	0.83	3.27	14.58	12.07	15.95	1506.00
Jan-2011	1.55	0.13	0.47	0.04	0.83	0.00	-7.56	10.03	0.00	1505.18
Feb-2011	2.52	0.21	4.52	0.38	0.69	4.01	9.99	15.48	36.35	1506.00
Mar-2011	4.03	0.34	1.65	0.14	0.83	0.34	-17.00	11.98	0.00	1505.18
Apr-2011	5.7	0.48	0.24	0.02	0.96	0.00	-38.22	2.78	0.00	1504.21
May-2011	7.75	0.65	0.71	0.06	1.24	0.01	-49.29	0.76	0.00	1502.98
Jun-2011	8.7	0.73	0.16	0.01	1.51	0.00	-59.78	0.19	0.00	1501.46
Jul-2011	9.3	0.78	0.55	0.05	1.65	0.00	-61.25	0.05	0.00	1499.81
Aug-2011	8.37	0.70	0.34	0.03	1.65	0.00	-56.21	0.02	0.00	1498.16
Sep-2011	6.3	0.53	0	0.00	1.38	0.00	-44.10	0.01	0.00	1496.79
Oct-2011	4.34	0.36	0.5	0.04	1.24	0.00	-26.88	0.00	0.00	1495.55
Nov-2011	2.4	0.20	2.71	0.23	0.96	1.28	0.89	1.18	0.00	1494.59
Dec-2011	1.55	0.13	1.95	0.16	0.83	0.56	2.24	3.39	0.02	1493.78

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1

Jan-2012	1.55	0.13	0.77	0.06	0.83	0.01	-5.47	2.60	0.00	1492.96
Feb-2012	2.52	0.21	1.26	0.11	0.69	0.14	-8.96	1.68	0.00	1492.27
Mar-2012	4.03	0.34	1.87	0.16	0.83	0.50	-15.62	0.94	0.00	1491.45
Apr-2012	5.7	0.48	1.77	0.15	0.96	0.42	-27.93	0.41	0.00	1490.48
May-2012	7.75	0.65	0	0.00	1.24	0.00	-54.25	0.10	0.00	1489.25
Jun-2012	8.7	0.73	0	0.00	1.51	0.00	-60.90	0.03	0.00	1487.73

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1B

	INPUT					OUTPUT				
Time	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0.33	0.03	7.87	0.00	-62.81	22.85	0.00	1498.13
Aug-1982	8.37	0.70	0.56	0.05	7.87	0.00	-54.69	4.75	0.00	1490.26
Sep-1982	6.3	0.53	0.37	0.03	7.60	0.00	-41.51	1.81	0.00	1482.67
Oct-1982	4.34	0.36	0.13	0.01	7.46	0.00	-29.48	0.94	0.00	1475.21
Nov-1982	2.4	0.20	4.38	0.36	7.18	3.75	10.10	9.99	5.75	1473.78
Dec-1982	1.55	0.13	3.41	0.28	7.05	2.18	10.86	16.00	36.14	1502.87
Jan-1983	1.55	0.13	2.21	0.18	7.05	0.78	3.85	17.87	14.61	1506.00
Feb-1983	2.52	0.21	4.77	0.40	6.91	4.48	11.30	20.91	64.63	1506.00
Mar-1983	4.03	0.34	9.83	0.82	7.05	16.46	24.12	22.85	149.53	1506.00
Apr-1983	5.7	0.48	2.21	0.18	0.96	0.78	-25.22	22.85	0.00	1505.04
May-1983	7.75	0.65	0.19	0.02	1.24	0.00	-52.91	4.96	0.00	1503.80
Jun-1983	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	1.22	0.00	1502.29
Jul-1983	9.3	0.78	0.01	0.00	1.65	0.00	-65.02	0.30	0.00	1500.64
Aug-1983	8.37	0.70	4.02	0.33	1.65	3.13	-33.60	0.15	0.00	1498.99
Sep-1983	6.3	0.53	0.67	0.06	1.38	0.01	-39.41	0.07	0.00	1497.61
Oct-1983	4.34	0.36	1.15	0.10	1.24	0.10	-22.42	0.04	0.00	1496.38
Nov-1983	2.4	0.20	2.43	0.20	0.96	0.98	-0.80	0.12	0.00	1495.41
Dec-1983	1.55	0.13	0.99	0.08	0.83	0.05	-4.00	0.10	0.00	1494.59
Jan-1984	1.55	0.13	0.12	0.01	0.83	0.00	-10.03	0.07	0.00	1493.76
Feb-1984	2.52	0.21	0.00	0.00	0.69	0.00	-17.64	0.04	0.00	1493.08
Mar-1984	4.03	0.34	0.04	0.00	0.83	0.00	-27.94	0.02	0.00	1492.25
Apr-1984	5.7	0.48	0.24	0.02	0.96	0.00	-38.23	0.01	0.00	1491.29
May-1984	7.75	0.65	0.00	0.00	1.24	0.00	-54.25	0.00	0.00	1490.05
Jun-1984	8.7	0.73	0.55	0.05	1.51	0.00	-57.08	0.00	0.00	1488.54
Jul-1984	9.3	0.78	1.49	0.12	1.65	0.25	-54.89	0.00	0.00	1486.89
Aug-1984	8.37	0.70	2.27	0.19	1.65	0.84	-43.51	0.00	0.00	1485.24
Sep-1984	6.3	0.53	0.66	0.06	1.38	0.00	-39.46	0.00	0.00	1483.86
Oct-1984	4.34	0.36	0.18	0.01	1.24	0.00	-29.12	0.00	0.00	1482.63
Nov-1984	2.4	0.20	1.42	0.12	0.96	0.21	-7.10	0.00	0.00	1481.66
Dec-1984	1.55	0.13	4.22	0.35	0.83	3.46	15.20	12.37	18.10	1498.94
Jan-1985	1.55	0.13	1.58	0.13	0.83	0.30	-0.12	12.41	0.49	1498.60
Feb-1985	2.52	0.21	1.45	0.12	0.69	0.23	-7.71	10.28	0.00	1497.91
Mar-1985	4.03	0.34	0.27	0.02	0.83	0.00	-26.35	3.56	0.00	1497.09
Apr-1985	5.7	0.48	0.04	0.00	0.96	0.00	-39.63	1.12	0.00	1496.13
May-1985	7.75	0.65	0.09	0.01	1.24	0.00	-53.62	0.30	0.00	1494.89
Jun-1985	8.7	0.73	1.72	0.14	1.51	0.39	-49.25	0.10	0.00	1493.38
Jul-1985	9.3	0.78	0.00	0.00	1.65	0.00	-65.10	0.03	0.00	1491.73
Aug-1985	8.37	0.70	0.33	0.03	1.65	0.00	-56.27	0.01	0.00	1490.08
Sep-1985	6.3	0.53	0.68	0.06	1.38	0.01	-39.33	0.00	0.00	1488.70

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1B

Oct-1985	4.34	0.36	4.49	0.37	1.24	3.96	-2.89	0.05	0.00	1487.46
Nov-1985	2.4	0.20	1.75	0.15	0.96	0.41	-4.98	0.04	0.00	1486.50
Dec-1985	1.55	0.13	0.00	0.00	0.83	0.00	-10.85	0.02	0.00	1485.68
Jan-1986	1.55	0.13	0.74	0.06	0.83	0.01	-5.65	0.02	0.00	1484.85
Feb-1986	2.52	0.21	3.50	0.29	0.69	2.31	4.54	4.50	0.04	1484.20
Mar-1986	4.03	0.34	3.44	0.29	0.83	2.22	-6.37	3.48	0.00	1483.38
Apr-1986	5.7	0.48	0.28	0.02	0.96	0.00	-37.96	0.80	0.00	1482.41
May-1986	7.75	0.65	0.01	0.00	1.24	0.00	-54.17	0.18	0.00	1481.18
Jun-1986	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.04	0.00	1479.66
Jul-1986	9.3	0.78	0.35	0.03	1.65	0.00	-62.67	0.01	0.00	1478.01
Aug-1986	8.37	0.70	0.06	0.00	1.65	0.00	-58.18	0.00	0.00	1476.36
Sep-1986	6.3	0.53	1.31	0.11	1.38	0.16	-35.11	0.00	0.00	1474.99
Oct-1986	4.34	0.36	2.10	0.17	1.24	0.68	-16.37	0.00	0.00	1473.75
Nov-1986	2.4	0.20	0.57	0.05	0.96	0.00	-12.84	0.00	0.00	1472.79
Dec-1986	1.55	0.13	0.71	0.06	0.83	0.01	-5.86	0.00	0.00	1471.96
Jan-1987	1.55	0.13	1.64	0.14	0.83	0.34	0.31	0.41	0.00	1471.14
Feb-1987	2.52	0.21	2.53	0.21	0.69	1.08	-1.01	0.44	0.00	1470.45
Mar-1987	4.03	0.34	2.55	0.21	0.83	1.11	-11.44	0.27	0.00	1469.63
Apr-1987	5.7	0.48	0.20	0.02	0.96	0.00	-38.54	0.07	0.00	1468.66
May-1987	7.75	0.65	0.08	0.01	1.24	0.00	-53.68	0.02	0.00	1467.43
Jun-1987	8.7	0.73	0.01	0.00	1.51	0.00	-60.82	0.00	0.00	1465.91
Jul-1987	9.3	0.78	0.00	0.00	1.65	0.00	-65.10	0.00	0.00	1464.26
Aug-1987	8.37	0.70	0.64	0.05	1.65	0.00	-54.09	0.00	0.00	1462.61
Sep-1987	6.3	0.53	0.48	0.04	1.38	0.00	-40.77	0.00	0.00	1461.24
Oct-1987	4.34	0.36	3.10	0.26	1.24	1.75	-10.43	0.00	0.00	1460.00
Nov-1987	2.4	0.20	2.46	0.20	0.96	1.01	-0.61	0.17	0.00	1459.04
Dec-1987	1.55	0.13	1.81	0.15	0.83	0.45	1.34	1.51	0.00	1458.21
Jan-1988	1.55	0.13	3.46	0.29	0.83	2.25	11.12	10.90	10.91	1468.30
Feb-1988	2.52	0.21	1.93	0.16	0.69	0.54	-4.69	12.62	0.00	1467.61
Mar-1988	4.03	0.34	0.71	0.06	0.83	0.01	-23.22	4.95	0.00	1466.79
Apr-1988	5.7	0.48	2.46	0.21	0.96	1.01	-23.69	2.36	0.00	1465.82
May-1988	7.75	0.65	0.35	0.03	1.24	0.00	-51.77	0.57	0.00	1464.59
Jun-1988	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.13	0.00	1463.07
Jul-1988	9.3	0.78	0.02	0.00	1.65	0.00	-64.94	0.03	0.00	1461.42
Aug-1988	8.37	0.70	1.63	0.14	1.65	0.33	-47.48	0.01	0.00	1459.77
Sep-1988	6.3	0.53	0.00	0.00	1.38	0.00	-44.10	0.00	0.00	1458.40
Oct-1988	4.34	0.36	0.00	0.00	1.24	0.00	-30.38	0.00	0.00	1457.16
Nov-1988	2.4	0.20	1.07	0.09	0.96	0.08	-9.37	0.00	0.00	1456.20
Dec-1988	1.55	0.13	2.10	0.17	0.83	0.68	3.16	3.02	0.09	1455.46
Jan-1989	1.55	0.13	1.05	0.09	0.83	0.07	-3.60	2.54	0.00	1454.64
Feb-1989	2.52	0.21	1.17	0.10	0.69	0.11	-9.53	1.58	0.00	1453.95
Mar-1989	4.03	0.34	1.63	0.14	0.83	0.33	-17.10	0.84	0.00	1453.12
Apr-1989	5.7	0.48	0.21	0.02	0.96	0.00	-38.45	0.28	0.00	1452.16
May-1989	7.75	0.65	0.13	0.01	1.24	0.00	-53.35	0.08	0.00	1450.92
Jun-1989	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.02	0.00	1449.41

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1B

Jul-1989	9.3	0.78	0.00	0.00	1.65	0.00	-65.10	0.01	0.00	1447.76
Aug-1989	8.37	0.70	0.00	0.00	1.65	0.00	-58.59	0.00	0.00	1446.11
Sep-1989	6.3	0.53	0.17	0.01	1.38	0.00	-42.93	0.00	0.00	1444.74
Oct-1989	4.34	0.36	0.35	0.03	1.24	0.00	-27.90	0.00	0.00	1443.50
Nov-1989	2.4	0.20	0.03	0.00	0.96	0.00	-16.58	0.00	0.00	1442.54
Dec-1989	1.55	0.13	0.29	0.02	0.83	0.00	-8.83	0.00	0.00	1441.71
Jan-1990	1.55	0.13	3.03	0.25	0.83	1.67	8.72	7.98	0.47	1441.36
Feb-1990	2.52	0.21	1.76	0.15	0.69	0.42	-5.74	6.03	0.00	1440.67
Mar-1990	4.03	0.34	0.69	0.06	0.83	0.01	-23.38	2.30	0.00	1439.85
Apr-1990	5.7	0.48	0.98	0.08	0.96	0.05	-33.10	0.86	0.00	1438.88
May-1990	7.75	0.65	0.23	0.02	1.24	0.00	-52.67	0.23	0.00	1437.65
Jun-1990	8.7	0.73	0.22	0.02	1.51	0.00	-59.37	0.06	0.00	1436.13
Jul-1990	9.3	0.78	0.11	0.01	1.65	0.00	-64.34	0.02	0.00	1434.48
Aug-1990	8.37	0.70	0.18	0.01	1.65	0.00	-57.33	0.00	0.00	1432.83
Sep-1990	6.3	0.53	0.62	0.05	1.38	0.00	-39.79	0.00	0.00	1431.46
Oct-1990	4.34	0.36	0.04	0.00	1.24	0.00	-30.11	0.00	0.00	1430.22
Nov-1990	2.4	0.20	0.55	0.05	0.96	0.00	-12.92	0.00	0.00	1429.26
Dec-1990	1.55	0.13	1.29	0.11	0.83	0.15	-1.99	0.00	0.00	1428.43
Jan-1991	1.55	0.13	1.34	0.11	0.83	0.17	-1.66	0.00	0.00	1427.61
Feb-1991	2.52	0.21	2.21	0.18	0.69	0.78	-2.94	0.00	0.00	1426.92
Mar-1991	4.03	0.34	12.06	1.01	0.83	22.69	33.54	18.87	105.73	1506.00
Apr-1991	5.7	0.48	0.05	0.00	0.96	0.00	-39.55	13.66	0.00	1505.04
May-1991	7.75	0.65	0.00	0.00	1.24	0.00	-54.25	2.01	0.00	1503.80
Jun-1991	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.42	0.00	1502.29
Jul-1991	9.3	0.78	0.61	0.05	1.65	0.00	-60.82	0.10	0.00	1500.64
Aug-1991	8.37	0.70	0.00	0.00	1.65	0.00	-58.59	0.03	0.00	1498.99
Sep-1991	6.3	0.53	0.35	0.03	1.38	0.00	-41.64	0.01	0.00	1497.61
Oct-1991	4.34	0.36	0.58	0.05	1.24	0.00	-26.34	0.01	0.00	1496.38
Nov-1991	2.4	0.20	0.30	0.02	0.96	0.00	-14.73	0.01	0.00	1495.41
Dec-1991	1.55	0.13	2.80	0.23	0.83	1.38	7.37	6.78	0.38	1494.97
Jan-1992	1.55	0.13	2.68	0.22	0.83	1.25	6.69	11.87	13.87	1506.00
Feb-1992	2.52	0.21	5.00	0.42	0.69	4.92	12.46	19.04	50.36	1506.00
Mar-1992	4.03	0.34	4.89	0.41	0.83	4.70	1.30	19.12	18.93	1506.00
Apr-1992	5.7	0.48	0.67	0.06	0.96	0.01	-35.18	15.73	0.00	1505.04
May-1992	7.75	0.65	0.23	0.02	1.24	0.00	-52.67	2.94	0.00	1503.80
Jun-1992	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.59	0.00	1502.29
Jul-1992	9.3	0.78	0.74	0.06	1.65	0.01	-59.90	0.14	0.00	1500.64
Aug-1992	8.37	0.70	2.03	0.17	1.65	0.62	-45.01	0.05	0.00	1498.99
Sep-1992	6.3	0.53	0.00	0.00	1.38	0.00	-44.10	0.02	0.00	1497.61
Oct-1992	4.34	0.36	0.24	0.02	1.24	0.00	-28.71	0.01	0.00	1496.38
Nov-1992	2.4	0.20	0.06	0.00	0.96	0.00	-16.39	0.01	0.00	1495.41
Dec-1992	1.55	0.13	4.00	0.33	0.83	3.09	14.04	11.74	14.27	1506.00
Jan-1993	1.55	0.13	18.44	1.54	0.83	41.94	76.29	22.85	419.91	1506.00
Feb-1993	2.52	0.21	6.45	0.54	0.69	8.00	19.52	22.85	130.48	1506.00
Mar-1993	4.03	0.34	1.51	0.13	0.83	0.26	-17.88	22.85	0.00	1505.18

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1B

Apr-1993	5.7	0.48	0.00	0.00	0.96	0.00	-39.90	6.87	0.00	1504.21
May-1993	7.75	0.65	0.12	0.01	1.24	0.00	-53.43	1.93	0.00	1502.98
Jun-1993	8.7	0.73	0.16	0.01	1.51	0.00	-59.78	0.52	0.00	1501.46
Jul-1993	9.3	0.78	0.00	0.00	1.65	0.00	-65.10	0.14	0.00	1499.81
Aug-1993	8.37	0.70	0.00	0.00	1.65	0.00	-58.59	0.04	0.00	1498.16
Sep-1993	6.3	0.53	0.00	0.00	1.38	0.00	-44.10	0.02	0.00	1496.79
Oct-1993	4.34	0.36	0.30	0.02	1.24	0.00	-28.31	0.01	0.00	1495.55
Nov-1993	2.4	0.20	1.48	0.12	0.96	0.24	-6.69	0.01	0.00	1494.59
Dec-1993	1.55	0.13	1.15	0.10	0.83	0.10	-2.89	0.01	0.00	1493.76
Jan-1994	1.55	0.13	1.68	0.14	0.83	0.37	0.58	0.64	0.00	1492.94
Feb-1994	2.52	0.21	4.11	0.34	0.69	3.28	7.83	7.92	2.19	1494.44
Mar-1994	4.03	0.34	3.11	0.26	0.83	1.77	-8.19	6.25	0.00	1493.62
Apr-1994	5.7	0.48	1.34	0.11	0.96	0.17	-30.71	1.76	0.00	1492.66
May-1994	7.75	0.65	0.00	0.00	1.24	0.00	-54.25	0.39	0.00	1491.42
Jun-1994	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.09	0.00	1489.91
Jul-1994	9.3	0.78	0.00	0.00	1.65	0.00	-65.10	0.02	0.00	1488.26
Aug-1994	8.37	0.70	1.21	0.10	1.65	0.12	-50.27	0.01	0.00	1486.61
Sep-1994	6.3	0.53	0.00	0.00	1.38	0.00	-44.10	0.00	0.00	1485.23
Oct-1994	4.34	0.36	0.19	0.02	1.24	0.00	-29.04	0.00	0.00	1483.99
Nov-1994	2.4	0.20	0.68	0.06	0.96	0.01	-12.06	0.00	0.00	1483.03
Dec-1994	1.55	0.13	0.96	0.08	0.83	0.05	-4.16	0.00	0.00	1482.21
Jan-1995	1.55	0.13	10.03	0.84	0.83	17.00	42.34	21.07	144.27	1506.00
Feb-1995	2.52	0.21	3.25	0.27	0.69	1.95	3.15	21.49	20.96	1506.00
Mar-1995	4.03	0.34	6.56	0.55	0.83	8.25	9.48	22.67	61.25	1506.00
Apr-1995	5.7	0.48	1.25	0.10	0.96	0.13	-31.30	19.39	0.00	1505.04
May-1995	7.75	0.65	1.09	0.09	1.24	0.08	-46.69	4.37	0.00	1503.80
Jun-1995	8.7	0.73	0.48	0.04	1.51	0.00	-57.57	1.04	0.00	1502.29
Jul-1995	9.3	0.78	0.06	0.00	1.65	0.00	-64.69	0.24	0.00	1500.64
Aug-1995	8.37	0.70	0.64	0.05	1.65	0.00	-54.14	0.07	0.00	1498.99
Sep-1995	6.3	0.53	0.28	0.02	1.38	0.00	-42.13	0.03	0.00	1497.61
Oct-1995	4.34	0.36	0.00	0.00	1.24	0.00	-30.38	0.02	0.00	1496.38
Nov-1995	2.4	0.20	0.08	0.01	0.96	0.00	-16.25	0.01	0.00	1495.41
Dec-1995	1.55	0.13	0.57	0.05	0.83	0.00	-6.89	0.01	0.00	1494.59
Jan-1996	1.55	0.13	1.52	0.13	0.83	0.27	-0.44	0.01	0.00	1493.76
Feb-1996	2.52	0.21	3.17	0.26	0.69	1.85	2.73	2.78	0.00	1493.08
Mar-1996	4.03	0.34	2.73	0.23	0.83	1.30	-10.40	1.75	0.00	1492.25
Apr-1996	5.7	0.48	0.53	0.04	0.96	0.00	-36.21	0.47	0.00	1491.29
May-1996	7.75	0.65	0.07	0.01	1.24	0.00	-53.76	0.11	0.00	1490.05
Jun-1996	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.03	0.00	1488.54
Jul-1996	9.3	0.78	0.00	0.00	1.65	0.00	-65.10	0.01	0.00	1486.89
Aug-1996	8.37	0.70	0.07	0.01	1.65	0.00	-58.10	0.00	0.00	1485.24
Sep-1996	6.3	0.53	0.03	0.00	1.38	0.00	-43.88	0.00	0.00	1483.86
Oct-1996	4.34	0.36	1.54	0.13	1.24	0.28	-19.87	0.00	0.00	1482.63
Nov-1996	2.4	0.20	0.91	0.08	0.96	0.04	-10.45	0.00	0.00	1481.66
Dec-1996	1.55	0.13	1.97	0.16	0.83	0.57	2.34	2.29	0.03	1480.87

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1B

Jan-1997	1.55	0.13	4.29	0.36	0.83	3.60	15.61	13.68	28.65	1506.00
Feb-1997	2.52	0.21	1.51	0.13	0.69	0.26	-7.31	12.30	0.00	1505.31
Mar-1997	4.03	0.34	0.02	0.00	0.83	0.00	-28.07	3.96	0.00	1504.49
Apr-1997	5.7	0.48	0.22	0.02	0.96	0.00	-38.37	1.32	0.00	1503.53
May-1997	7.75	0.65	0.00	0.00	1.24	0.00	-54.25	0.35	0.00	1502.29
Jun-1997	8.7	0.73	0.07	0.01	1.51	0.00	-60.41	0.09	0.00	1500.78
Jul-1997	9.3	0.78	1.91	0.16	1.65	0.53	-52.23	0.03	0.00	1499.13
Aug-1997	8.37	0.70	0.16	0.01	1.65	0.00	-57.47	0.01	0.00	1497.48
Sep-1997	6.3	0.53	1.74	0.15	1.38	0.41	-32.30	0.01	0.00	1496.10
Oct-1997	4.34	0.36	4.17	0.35	1.24	3.38	-4.58	0.00	0.00	1494.86
Nov-1997	2.4	0.20	0.00	0.00	0.96	0.00	-16.80	0.00	0.00	1493.90
Dec-1997	1.55	0.13	0.00	0.00	0.83	0.00	-10.85	0.00	0.00	1493.08
Jan-1998	1.55	0.13	1.59	0.13	0.83	0.31	-0.02	0.17	0.00	1492.25
Feb-1998	2.52	0.21	10.27	0.86	0.69	17.67	36.60	19.92	118.36	1506.00
Mar-1998	4.03	0.34	4.36	0.36	0.83	3.71	-1.43	19.49	5.85	1506.00
Apr-1998	5.7	0.48	2.17	0.18	0.96	0.74	-25.44	13.88	0.00	1505.04
May-1998	7.75	0.65	1.16	0.10	1.24	0.10	-46.24	3.12	0.00	1503.80
Jun-1998	8.7	0.73	0.02	0.00	1.51	0.00	-60.74	0.67	0.00	1502.29
Jul-1998	9.3	0.78	0.10	0.01	1.65	0.00	-64.39	0.15	0.00	1500.64
Aug-1998	8.37	0.70	0.20	0.02	1.65	0.00	-57.20	0.05	0.00	1498.99
Sep-1998	6.3	0.53	0.20	0.02	1.38	0.00	-42.71	0.02	0.00	1497.61
Oct-1998	4.34	0.36	0.04	0.00	1.24	0.00	-30.13	0.01	0.00	1496.38
Nov-1998	2.4	0.20	1.16	0.10	0.96	0.10	-8.79	0.01	0.00	1495.41
Dec-1998	1.55	0.13	1.41	0.12	0.83	0.20	-1.20	0.01	0.00	1494.59
Jan-1999	1.55	0.13	1.65	0.14	0.83	0.34	0.33	0.44	0.00	1493.76
Feb-1999	2.52	0.21	0.82	0.07	0.69	0.02	-11.90	0.26	0.00	1493.08
Mar-1999	4.03	0.34	0.62	0.05	0.83	0.00	-23.87	0.11	0.00	1492.25
Apr-1999	5.7	0.48	3.28	0.27	0.96	1.99	-18.93	0.07	0.00	1491.29
May-1999	7.75	0.65	0.00	0.00	1.24	0.00	-54.25	0.02	0.00	1490.05
Jun-1999	8.7	0.73	0.46	0.04	1.51	0.00	-57.71	0.00	0.00	1488.54
Jul-1999	9.3	0.78	0.36	0.03	1.65	0.00	-62.59	0.00	0.00	1486.89
Aug-1999	8.37	0.70	0.00	0.00	1.65	0.00	-58.59	0.00	0.00	1485.24
Sep-1999	6.3	0.53	0.14	0.01	1.38	0.00	-43.14	0.00	0.00	1483.86
Oct-1999	4.34	0.36	0.00	0.00	1.24	0.00	-30.38	0.00	0.00	1482.63
Nov-1999	2.4	0.20	0.00	0.00	0.96	0.00	-16.80	0.00	0.00	1481.66
Dec-1999	1.55	0.13	0.21	0.02	0.83	0.00	-9.40	0.00	0.00	1480.84
Jan-2000	1.55	0.13	0.74	0.06	0.83	0.01	-5.67	0.00	0.00	1480.01
Feb-2000	2.52	0.21	4.17	0.35	0.69	3.38	8.14	7.64	0.98	1480.31
Mar-2000	4.03	0.34	1.46	0.12	0.83	0.23	-18.23	4.60	0.00	1479.48
Apr-2000	5.7	0.48	0.46	0.04	0.96	0.00	-36.71	1.02	0.00	1478.52
May-2000	7.75	0.65	0.00	0.00	1.24	0.00	-54.25	0.25	0.00	1477.28
Jun-2000	8.7	0.73	0.21	0.02	1.51	0.00	-59.45	0.06	0.00	1475.77
Jul-2000	9.3	0.78	0.00	0.00	1.65	0.00	-65.10	0.02	0.00	1474.12
Aug-2000	8.37	0.70	0.13	0.01	1.65	0.00	-57.69	0.00	0.00	1472.47
Sep-2000	6.3	0.53	0.30	0.02	1.38	0.00	-42.03	0.00	0.00	1471.10

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1B

Oct-2000	4.34	0.36	0.64	0.05	1.24	0.00	-25.91	0.00	0.00	1469.86
Nov-2000	2.4	0.20	0.39	0.03	0.96	0.00	-14.10	0.00	0.00	1468.90
Dec-2000	1.55	0.13	0.04	0.00	0.83	0.00	-10.58	0.00	0.00	1468.07
Jan-2001	1.55	0.13	2.90	0.24	0.83	1.50	7.94	7.28	0.42	1467.66
Feb-2001	2.52	0.21	4.08	0.34	0.69	3.24	7.71	12.75	21.66	1488.64
Mar-2001	4.03	0.34	1.75	0.15	0.83	0.41	-16.39	18.99	0.00	1487.81
Apr-2001	5.7	0.48	1.44	0.12	0.96	0.22	-30.02	7.24	0.00	1486.85
May-2001	7.75	0.65	0.03	0.00	1.24	0.00	-54.03	2.00	0.00	1485.61
Jun-2001	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.55	0.00	1484.10
Jul-2001	9.3	0.78	0.12	0.01	1.65	0.00	-64.25	0.15	0.00	1482.45
Aug-2001	8.37	0.70	0.00	0.00	1.65	0.00	-58.59	0.05	0.00	1480.80
Sep-2001	6.3	0.53	0.24	0.02	1.38	0.00	-42.43	0.02	0.00	1479.43
Oct-2001	4.34	0.36	0.00	0.00	1.24	0.00	-30.38	0.01	0.00	1478.19
Nov-2001	2.4	0.20	1.10	0.09	0.96	0.08	-9.18	0.01	0.00	1477.23
Dec-2001	1.55	0.13	1.01	0.08	0.83	0.06	-3.84	0.01	0.00	1476.40
Jan-2002	1.55	0.13	0.40	0.03	0.83	0.00	-8.07	0.01	0.00	1475.58
Feb-2002	2.52	0.21	0.12	0.01	0.69	0.00	-16.79	0.01	0.00	1474.89
Mar-2002	4.03	0.34	1.11	0.09	0.83	0.09	-20.52	0.00	0.00	1474.06
Apr-2002	5.7	0.48	0.39	0.03	0.96	0.00	-37.20	0.00	0.00	1473.10
May-2002	7.75	0.65	0.00	0.00	1.24	0.00	-54.25	0.00	0.00	1471.86
Jun-2002	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.00	0.00	1470.35
Jul-2002	9.3	0.78	0.19	0.02	1.65	0.00	-63.79	0.00	0.00	1468.70
Aug-2002	8.37	0.70	0.00	0.00	1.65	0.00	-58.59	0.00	0.00	1467.05
Sep-2002	6.3	0.53	1.15	0.10	1.38	0.10	-36.12	0.00	0.00	1465.68
Oct-2002	4.34	0.36	0.01	0.00	1.24	0.00	-30.30	0.00	0.00	1464.44
Nov-2002	2.4	0.20	1.03	0.09	0.96	0.06	-9.68	0.00	0.00	1463.48
Dec-2002	1.55	0.13	1.84	0.15	0.83	0.47	1.56	1.56	0.00	1462.65
Jan-2003	1.55	0.13	0.18	0.01	0.83	0.00	-9.59	0.95	0.00	1461.83
Feb-2003	2.52	0.21	4.05	0.34	0.69	3.18	7.52	8.02	1.12	1462.26
Mar-2003	4.03	0.34	2.17	0.18	0.83	0.74	-13.75	5.42	0.00	1461.44
Apr-2003	5.7	0.48	1.54	0.13	0.96	0.28	-29.37	1.60	0.00	1460.47
May-2003	7.75	0.65	0.90	0.08	1.24	0.04	-47.98	0.42	0.00	1459.24
Jun-2003	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.10	0.00	1457.72
Jul-2003	9.3	0.78	1.91	0.16	1.65	0.53	-52.25	0.03	0.00	1456.07
Aug-2003	8.37	0.70	1.47	0.12	1.65	0.24	-48.51	0.01	0.00	1454.42
Sep-2003	6.3	0.53	0.37	0.03	1.38	0.00	-41.48	0.01	0.00	1453.05
Oct-2003	4.34	0.36	0.00	0.00	1.24	0.00	-30.38	0.00	0.00	1451.81
Nov-2003	2.4	0.20	0.55	0.05	0.96	0.00	-12.95	0.00	0.00	1450.85
Dec-2003	1.55	0.13	1.25	0.10	0.83	0.13	-2.22	0.00	0.00	1450.02
Jan-2004	1.55	0.13	0.67	0.06	0.83	0.01	-6.13	0.00	0.00	1449.20
Feb-2004	2.52	0.21	4.41	0.37	0.69	3.81	9.43	8.57	4.31	1452.82
Mar-2004	4.03	0.34	0.66	0.05	0.83	0.00	-23.63	4.46	0.00	1451.99
Apr-2004	5.7	0.48	1.32	0.11	0.96	0.16	-30.84	1.22	0.00	1451.03
May-2004	7.75	0.65	0.00	0.00	1.24	0.00	-54.25	0.29	0.00	1449.79
Jun-2004	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.07	0.00	1448.28

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1B

Jul-2004	9.3	0.78	0.14	0.01	1.65	0.00	-64.12	0.02	0.00	1446.63
Aug-2004	8.37	0.70	0.01	0.00	1.65	0.00	-58.51	0.01	0.00	1444.98
Sep-2004	6.3	0.53	0.00	0.00	1.38	0.00	-44.10	0.00	0.00	1443.60
Oct-2004	4.34	0.36	8.51	0.71	1.24	12.98	16.18	12.79	28.66	1471.03
Nov-2004	2.4	0.20	1.07	0.09	0.96	0.08	-9.37	10.35	0.00	1470.06
Dec-2004	1.55	0.13	4.70	0.39	0.83	4.33	17.69	18.27	70.85	1506.00
Jan-2005	1.55	0.13	5.12	0.43	0.83	5.16	19.84	22.22	106.86	1506.00
Feb-2005	2.52	0.21	4.85	0.40	0.69	4.62	11.67	22.85	74.63	1506.00
Mar-2005	4.03	0.34	1.58	0.13	0.83	0.30	-17.43	22.85	0.00	1505.18
Apr-2005	5.7	0.48	0.58	0.05	0.96	0.00	-35.83	7.63	0.00	1504.21
May-2005	7.75	0.65	0.04	0.00	1.24	0.00	-53.98	2.09	0.00	1502.98
Jun-2005	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.55	0.00	1501.46
Jul-2005	9.3	0.78	0.46	0.04	1.65	0.00	-61.85	0.15	0.00	1499.81
Aug-2005	8.37	0.70	2.51	0.21	1.65	1.06	-42.10	0.07	0.00	1498.16
Sep-2005	6.3	0.53	0.01	0.00	1.38	0.00	-44.02	0.03	0.00	1496.79
Oct-2005	4.34	0.36	0.61	0.05	1.24	0.00	-26.10	0.02	0.00	1495.55
Nov-2005	2.4	0.20	0.11	0.01	0.96	0.00	-16.04	0.01	0.00	1494.59
Dec-2005	1.55	0.13	0.00	0.00	0.83	0.00	-10.85	0.01	0.00	1493.76
Jan-2006	1.55	0.13	0.98	0.08	0.83	0.05	-4.08	0.01	0.00	1492.94
Feb-2006	2.52	0.21	1.29	0.11	0.69	0.15	-8.78	0.01	0.00	1492.25
Mar-2006	4.03	0.34	3.34	0.28	0.83	2.08	-6.92	0.01	0.00	1491.43
Apr-2006	5.7	0.48	2.23	0.19	0.96	0.80	-25.08	0.00	0.00	1490.46
May-2006	7.75	0.65	0.22	0.02	1.24	0.00	-52.72	0.00	0.00	1489.23
Jun-2006	8.7	0.73	0.16	0.01	1.51	0.00	-59.81	0.00	0.00	1487.71
Jul-2006	9.3	0.78	0.52	0.04	1.65	0.00	-61.47	0.00	0.00	1486.06
Aug-2006	8.37	0.70	0.03	0.00	1.65	0.00	-58.37	0.00	0.00	1484.41
Sep-2006	6.3	0.53	0.07	0.01	1.38	0.00	-43.61	0.00	0.00	1483.04
Oct-2006	4.34	0.36	0.36	0.03	1.24	0.00	-27.87	0.00	0.00	1481.80
Nov-2006	2.4	0.20	0.17	0.01	0.96	0.00	-15.63	0.00	0.00	1480.84
Dec-2006	1.55	0.13	1.18	0.10	0.83	0.11	-2.69	0.00	0.00	1480.01
Jan-2007	1.55	0.13	0.74	0.06	0.83	0.01	-5.67	0.00	0.00	1479.19
Feb-2007	2.52	0.21	3.05	0.25	0.69	1.69	2.05	2.16	0.00	1478.50
Mar-2007	4.03	0.34	0.22	0.02	0.83	0.00	-26.68	0.68	0.00	1477.68
Apr-2007	5.7	0.48	0.76	0.06	0.96	0.01	-34.59	0.23	0.00	1476.71
May-2007	7.75	0.65	0.04	0.00	1.24	0.00	-53.98	0.06	0.00	1475.48
Jun-2007	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.01	0.00	1473.96
Jul-2007	9.3	0.78	0.18	0.01	1.65	0.00	-63.84	0.00	0.00	1472.31
Aug-2007	8.37	0.70	0.13	0.01	1.65	0.00	-57.69	0.00	0.00	1470.66
Sep-2007	6.3	0.53	0.01	0.00	1.38	0.00	-44.02	0.00	0.00	1469.29
Oct-2007	4.34	0.36	0.17	0.01	1.24	0.00	-29.21	0.00	0.00	1468.05
Nov-2007	2.4	0.20	0.32	0.03	0.96	0.00	-14.56	0.00	0.00	1467.09
Dec-2007	1.55	0.13	2.66	0.22	0.83	1.22	6.52	6.02	0.32	1466.58
Jan-2008	1.55	0.13	7.22	0.60	0.83	9.80	29.91	20.09	113.32	1506.00
Feb-2008	2.52	0.21	2.85	0.24	0.69	1.44	0.90	20.34	9.39	1506.00
Mar-2008	4.03	0.34	0.51	0.04	0.83	0.00	-24.66	21.39	0.00	1505.18

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1B

Apr-2008	5.7	0.48	0.00	0.00	0.96	0.00	-39.90	6.84	0.00	1504.21
May-2008	7.75	0.65	0.26	0.02	1.24	0.00	-52.45	1.97	0.00	1502.98
Jun-2008	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.52	0.00	1501.46
Jul-2008	9.3	0.78	0.00	0.00	1.65	0.00	-65.10	0.14	0.00	1499.81
Aug-2008	8.37	0.70	1.34	0.11	1.65	0.17	-49.40	0.05	0.00	1498.16
Sep-2008	6.3	0.53	0.00	0.00	1.38	0.00	-44.10	0.02	0.00	1496.79
Oct-2008	4.34	0.36	0.00	0.00	1.24	0.00	-30.38	0.01	0.00	1495.55
Nov-2008	2.4	0.20	1.79	0.15	0.96	0.44	-4.73	0.01	0.00	1494.59
Dec-2008	1.55	0.13	6.15	0.51	0.83	7.31	24.86	16.57	54.64	1506.00
Jan-2009	1.55	0.13	0.20	0.02	0.83	0.00	-9.46	14.16	0.00	1505.18
Feb-2009	2.52	0.21	3.66	0.31	0.69	2.56	5.44	16.72	22.85	1506.00
Mar-2009	4.03	0.34	0.09	0.01	0.83	0.00	-27.58	11.04	0.00	1505.18
Apr-2009	5.7	0.48	0.24	0.02	0.96	0.00	-38.23	2.46	0.00	1504.21
May-2009	7.75	0.65	0.00	0.00	1.24	0.00	-54.25	0.60	0.00	1502.98
Jun-2009	8.7	0.73	0.03	0.00	1.51	0.00	-60.68	0.15	0.00	1501.46
Jul-2009	9.3	0.78	0.00	0.00	1.65	0.00	-65.10	0.04	0.00	1499.81
Aug-2009	8.37	0.70	0.00	0.00	1.65	0.00	-58.59	0.01	0.00	1498.16
Sep-2009	6.3	0.53	0.03	0.00	1.38	0.00	-43.88	0.01	0.00	1496.79
Oct-2009	4.34	0.36	0.03	0.00	1.24	0.00	-30.16	0.00	0.00	1495.55
Nov-2009	2.4	0.20	0.69	0.06	0.96	0.01	-11.95	0.00	0.00	1494.59
Dec-2009	1.55	0.13	4.82	0.40	0.83	4.57	18.32	13.73	29.94	1506.00
Jan-2010	1.55	0.13	6.54	0.55	0.83	8.20	26.73	21.51	130.29	1506.00
Feb-2010	2.52	0.21	5.08	0.42	0.69	5.08	12.85	22.85	76.53	1506.00
Mar-2010	4.03	0.34	1.36	0.11	0.83	0.18	-18.89	22.85	0.00	1505.18
Apr-2010	5.7	0.48	2.34	0.19	0.96	0.89	-24.44	10.50	0.00	1504.21
May-2010	7.75	0.65	0.00	0.00	1.24	0.00	-54.25	2.71	0.00	1502.98
Jun-2010	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.70	0.00	1501.46
Jul-2010	9.3	0.78	0.07	0.01	1.65	0.00	-64.61	0.18	0.00	1499.81
Aug-2010	8.37	0.70	0.00	0.00	1.65	0.00	-58.59	0.06	0.00	1498.16
Sep-2010	6.3	0.53	0.08	0.01	1.38	0.00	-43.55	0.02	0.00	1496.79
Oct-2010	4.34	0.36	3.20	0.27	1.24	1.88	-9.88	0.02	0.00	1495.55
Nov-2010	2.4	0.20	1.18	0.10	0.96	0.11	-8.66	0.02	0.00	1494.59
Dec-2010	1.55	0.13	8.15	0.68	0.83	12.07	34.11	19.35	100.86	1506.00
Jan-2011	1.55	0.13	0.24	0.02	0.83	0.00	-9.18	17.59	0.00	1505.18
Feb-2011	2.52	0.21	4.89	0.41	0.69	4.70	11.87	20.78	67.72	1506.00
Mar-2011	4.03	0.34	1.63	0.14	0.83	0.33	-17.13	17.34	0.00	1505.18
Apr-2011	5.7	0.48	0.39	0.03	0.96	0.00	-37.20	4.91	0.00	1504.21
May-2011	7.75	0.65	0.71	0.06	1.24	0.01	-49.26	1.38	0.00	1502.98
Jun-2011	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.34	0.00	1501.46
Jul-2011	9.3	0.78	0.22	0.02	1.65	0.00	-63.57	0.09	0.00	1499.81
Aug-2011	8.37	0.70	1.27	0.11	1.65	0.14	-49.86	0.03	0.00	1498.16
Sep-2011	6.3	0.53	0.22	0.02	1.38	0.00	-42.57	0.01	0.00	1496.79
Oct-2011	4.34	0.36	0.64	0.05	1.24	0.00	-25.93	0.01	0.00	1495.55
Nov-2011	2.4	0.20	3.36	0.28	0.96	2.11	4.62	4.53	0.06	1494.65
Dec-2011	1.55	0.13	1.61	0.13	0.83	0.32	0.08	4.76	0.00	1493.82

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 1B

Jan-2012	1.55	0.13	0.73	0.06	0.83	0.01	-5.78	3.49	0.00	1493.00
Feb-2012	2.52	0.21	2.00	0.17	0.69	0.60	-4.26	2.91	0.00	1492.31
Mar-2012	4.03	0.34	2.86	0.24	0.83	1.45	-9.65	2.01	0.00	1491.49
Apr-2012	5.7	0.48	2.83	0.24	0.96	1.41	-21.52	0.97	0.00	1490.52
May-2012	7.75	0.65	0.00	0.00	1.24	0.00	-54.25	0.22	0.00	1489.29
Jun-2012	8.7	0.73	0.00	0.00	1.51	0.00	-60.90	0.05	0.00	1487.77

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0	0.00	8.78	0.00	-65.10	22.85	0.00	1497.22
Aug-1982	8.37	0.70	0.68	0.06	8.78	0.01	-53.84	4.85	0.00	1488.44
Sep-1982	6.3	0.53	0.32	0.03	8.39	0.00	-41.86	1.83	0.00	1480.05
Oct-1982	4.34	0.36	0	0.00	8.20	0.00	-30.38	0.93	0.00	1471.85
Nov-1982	2.4	0.20	0.71	0.06	7.81	0.01	-11.84	0.72	0.00	1464.05
Dec-1982	1.55	0.13	0	0.00	7.61	0.00	-10.85	0.57	0.00	1456.44
Jan-1983	1.55	0.13	1.92	0.16	7.61	0.53	2.06	2.62	0.01	1448.83
Feb-1983	2.52	0.21	3.35	0.28	7.42	2.09	3.72	6.26	0.05	1441.46
Mar-1983	4.03	0.34	8.32	0.69	7.81	12.51	17.52	16.76	57.63	1491.29
Apr-1983	5.7	0.48	1.36	0.11	8.82	0.18	-30.56	13.44	0.00	1482.47
May-1983	7.75	0.65	0.12	0.01	11.72	0.00	-53.41	1.99	0.00	1470.76
Jun-1983	8.7	0.73	0	0.00	5.93	0.00	-60.90	0.41	0.00	1464.83
Jul-1983	9.3	0.78	0	0.00	2.38	0.00	-65.10	0.09	0.00	1462.45
Aug-1983	8.37	0.70	1.18	0.10	2.33	0.11	-50.44	0.03	0.00	1460.12
Sep-1983	6.3	0.53	0.95	0.08	2.33	0.05	-37.50	0.01	0.00	1457.79
Oct-1983	4.34	0.36	1.06	0.09	3.04	0.07	-23.03	0.01	0.00	1454.74
Nov-1983	2.4	0.20	1.42	0.12	2.40	0.21	-7.07	0.01	0.00	1452.34
Dec-1983	1.55	0.13	0	0.00	2.82	0.00	-10.85	0.01	0.00	1449.53
Jan-1984	1.55	0.13	0.24	0.02	2.63	0.00	-9.17	0.01	0.00	1446.90
Feb-1984	2.52	0.21	0	0.00	2.40	0.00	-17.64	0.00	0.00	1444.50
Mar-1984	4.03	0.34	0.04	0.00	2.33	0.00	-27.93	0.00	0.00	1442.17
Apr-1984	5.7	0.48	0.12	0.01	1.37	0.00	-39.06	0.00	0.00	1440.80
May-1984	7.75	0.65	0	0.00	1.37	0.00	-54.25	0.00	0.00	1439.44
Jun-1984	8.7	0.73	0.12	0.01	2.15	0.00	-60.06	0.00	0.00	1437.29
Jul-1984	9.3	0.78	2.8	0.23	2.34	1.38	-46.88	0.00	0.00	1434.95
Aug-1984	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.00	0.00	1432.61
Sep-1984	6.3	0.53	0	0.00	1.95	0.00	-44.10	0.00	0.00	1430.66
Oct-1984	4.34	0.36	0.04	0.00	1.76	0.00	-30.10	0.00	0.00	1428.90
Nov-1984	2.4	0.20	0.83	0.07	1.37	0.02	-11.01	0.00	0.00	1427.54
Dec-1984	1.55	0.13	3.62	0.30	1.17	2.49	12.00	10.37	8.51	1434.87
Jan-1985	1.55	0.13	0.98	0.08	1.17	0.05	-4.04	8.98	0.00	1433.70
Feb-1985	2.52	0.21	0	0.00	0.98	0.00	-17.64	4.10	0.00	1432.73
Mar-1985	4.03	0.34	0	0.00	1.37	0.00	-28.21	1.64	0.00	1431.36
Apr-1985	5.7	0.48	0	0.00	1.37	0.00	-39.90	0.58	0.00	1430.00
May-1985	7.75	0.65	0	0.00	1.76	0.00	-54.25	0.16	0.00	1428.24
Jun-1985	8.7	0.73	0.04	0.00	2.15	0.00	-60.62	0.04	0.00	1426.10
Jul-1985	9.3	0.78	1.1	0.09	2.34	0.08	-57.48	0.01	0.00	1423.75
Aug-1985	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.00	0.00	1421.41
Sep-1985	6.3	0.53	0.51	0.04	1.95	0.00	-40.53	0.00	0.00	1419.46

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2

Oct-1985	4.34	0.36	0.47	0.04	1.76	0.00	-27.09	0.00	0.00	1417.71
Nov-1985	2.4	0.20	3.51	0.29	1.37	2.32	5.45	5.26	0.12	1416.46
Dec-1985	1.55	0.13	0.39	0.03	1.17	0.00	-8.12	3.54	0.00	1415.29
Jan-1986	1.55	0.13	0.51	0.04	1.17	0.00	-7.28	2.50	0.00	1414.12
Feb-1986	2.52	0.21	2.25	0.19	0.98	0.81	-2.70	2.28	0.00	1413.15
Mar-1986	4.03	0.34	2.21	0.18	1.37	0.78	-13.52	1.41	0.00	1411.78
Apr-1986	5.7	0.48	0.04	0.00	1.37	0.00	-39.62	0.44	0.00	1410.41
May-1986	7.75	0.65	0	0.00	1.76	0.00	-54.25	0.11	0.00	1408.66
Jun-1986	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.03	0.00	1406.51
Jul-1986	9.3	0.78	0	0.00	2.34	0.00	-65.10	0.01	0.00	1404.17
Aug-1986	8.37	0.70	0.16	0.01	2.34	0.00	-57.47	0.00	0.00	1401.83
Sep-1986	6.3	0.53	0	0.00	1.95	0.00	-44.10	0.00	0.00	1399.88
Oct-1986	4.34	0.36	0	0.00	1.76	0.00	-30.38	0.00	0.00	1398.12
Nov-1986	2.4	0.20	0.67	0.06	1.37	0.01	-12.12	0.00	0.00	1396.76
Dec-1986	1.55	0.13	0.43	0.04	1.17	0.00	-7.84	0.00	0.00	1395.59
Jan-1987	1.55	0.13	1.5	0.13	1.17	0.25	-0.60	0.00	0.00	1394.42
Feb-1987	2.52	0.21	0.63	0.05	0.98	0.00	-13.23	0.00	0.00	1393.44
Mar-1987	4.03	0.34	0	0.00	1.37	0.00	-28.21	0.00	0.00	1392.08
Apr-1987	5.7	0.48	0.16	0.01	1.37	0.00	-38.78	0.00	0.00	1390.71
May-1987	7.75	0.65	0.12	0.01	1.76	0.00	-53.41	0.00	0.00	1388.96
Jun-1987	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.00	0.00	1386.81
Jul-1987	9.3	0.78	0	0.00	2.34	0.00	-65.10	0.00	0.00	1384.47
Aug-1987	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.00	0.00	1382.13
Sep-1987	6.3	0.53	0.39	0.03	1.95	0.00	-41.37	0.00	0.00	1380.18
Oct-1987	4.34	0.36	0	0.00	1.76	0.00	-30.38	0.00	0.00	1378.42
Nov-1987	2.4	0.20	0.91	0.08	1.37	0.04	-10.47	0.00	0.00	1377.06
Dec-1987	1.55	0.13	1.69	0.14	1.17	0.37	0.61	0.66	0.00	1375.89
Jan-1988	1.55	0.13	2.6	0.22	1.17	1.16	6.19	6.39	0.30	1375.02
Feb-1988	2.52	0.21	2.09	0.17	0.98	0.67	-3.68	11.95	0.00	1374.04
Mar-1988	4.03	0.34	0.43	0.04	1.37	0.00	-25.20	5.95	0.00	1372.67
Apr-1988	5.7	0.48	1.38	0.12	1.37	0.19	-30.43	3.04	0.00	1371.31
May-1988	7.75	0.65	0	0.00	1.76	0.00	-54.25	1.01	0.00	1369.55
Jun-1988	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.30	0.00	1367.41
Jul-1988	9.3	0.78	0.24	0.02	2.34	0.00	-63.42	0.09	0.00	1365.07
Aug-1988	8.37	0.70	0.79	0.07	2.34	0.02	-53.08	0.03	0.00	1362.73
Sep-1988	6.3	0.53	0.32	0.03	1.95	0.00	-41.86	0.01	0.00	1360.78
Oct-1988	4.34	0.36	0	0.00	1.76	0.00	-30.38	0.01	0.00	1359.02
Nov-1988	2.4	0.20	0.47	0.04	1.37	0.00	-13.51	0.01	0.00	1357.65
Dec-1988	1.55	0.13	1.18	0.10	1.17	0.11	-2.70	0.01	0.00	1356.48
Jan-1989	1.55	0.13	0.59	0.05	1.17	0.00	-6.72	0.01	0.00	1355.31
Feb-1989	2.52	0.21	0.04	0.00	0.98	0.00	-17.36	0.00	0.00	1354.34
Mar-1989	4.03	0.34	0	0.00	1.37	0.00	-28.21	0.00	0.00	1352.97
Apr-1989	5.7	0.48	0	0.00	1.37	0.00	-39.90	0.00	0.00	1351.61
May-1989	7.75	0.65	0.12	0.01	1.76	0.00	-53.41	0.00	0.00	1349.85
Jun-1989	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.00	0.00	1347.71

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2

Jul-1989	9.3	0.78	0.35	0.03	2.34	0.00	-62.65	0.00	0.00	1345.37
Aug-1989	8.37	0.70	0.87	0.07	2.34	0.03	-52.53	0.00	0.00	1343.02
Sep-1989	6.3	0.53	0	0.00	1.95	0.00	-44.10	0.00	0.00	1341.07
Oct-1989	4.34	0.36	1.62	0.14	1.76	0.32	-19.36	0.00	0.00	1339.32
Nov-1989	2.4	0.20	0.08	0.01	1.37	0.00	-16.24	0.00	0.00	1337.95
Dec-1989	1.55	0.13	0.12	0.01	1.17	0.00	-10.01	0.00	0.00	1336.78
Jan-1990	1.55	0.13	1.82	0.15	1.17	0.46	1.43	1.43	0.00	1335.61
Feb-1990	2.52	0.21	0.71	0.06	0.98	0.01	-12.68	0.77	0.00	1334.64
Mar-1990	4.03	0.34	0.55	0.05	1.37	0.00	-24.36	0.32	0.00	1333.27
Apr-1990	5.7	0.48	0.75	0.06	1.37	0.01	-34.66	0.12	0.00	1331.91
May-1990	7.75	0.65	0.32	0.03	1.76	0.00	-52.01	0.04	0.00	1330.15
Jun-1990	8.7	0.73	2.76	0.23	2.15	1.33	-42.91	0.01	0.00	1328.00
Jul-1990	9.3	0.78	0	0.00	2.34	0.00	-65.10	0.00	0.00	1325.66
Aug-1990	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.00	0.00	1323.32
Sep-1990	6.3	0.53	0.16	0.01	1.95	0.00	-42.98	0.00	0.00	1321.37
Oct-1990	4.34	0.36	0.16	0.01	1.76	0.00	-29.26	0.00	0.00	1319.62
Nov-1990	2.4	0.20	0.43	0.04	1.37	0.00	-13.79	0.00	0.00	1318.25
Dec-1990	1.55	0.13	0.59	0.05	1.17	0.00	-6.72	0.00	0.00	1317.08
Jan-1991	1.55	0.13	1.06	0.09	1.17	0.07	-3.50	0.00	0.00	1315.91
Feb-1991	2.52	0.21	3.23	0.27	0.98	1.93	3.04	3.05	0.00	1314.93
Mar-1991	4.03	0.34	5.91	0.49	1.37	6.80	6.36	8.71	10.47	1324.04
Apr-1991	5.7	0.48	0	0.00	1.37	0.00	-39.90	10.25	0.00	1322.68
May-1991	7.75	0.65	0.04	0.00	1.76	0.00	-53.97	2.91	0.00	1320.92
Jun-1991	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.87	0.00	1318.78
Jul-1991	9.3	0.78	0.2	0.02	2.34	0.00	-63.70	0.26	0.00	1316.43
Aug-1991	8.37	0.70	0.32	0.03	2.34	0.00	-56.35	0.09	0.00	1314.09
Sep-1991	6.3	0.53	0.43	0.04	1.95	0.00	-41.09	0.04	0.00	1312.14
Oct-1991	4.34	0.36	0.43	0.04	1.76	0.00	-27.37	0.02	0.00	1310.39
Nov-1991	2.4	0.20	0.16	0.01	1.37	0.00	-15.68	0.02	0.00	1309.02
Dec-1991	1.55	0.13	2.36	0.20	1.17	0.92	4.75	4.46	0.20	1308.05
Jan-1992	1.55	0.13	1.85	0.15	1.17	0.48	1.62	6.01	0.04	1306.92
Feb-1992	2.52	0.21	3.31	0.28	0.98	2.04	3.49	9.09	5.62	1311.57
Mar-1992	4.03	0.34	4.73	0.39	1.37	4.40	0.50	9.92	7.90	1318.10
Apr-1992	5.7	0.48	0.47	0.04	1.37	0.00	-36.61	3.81	0.00	1316.74
May-1992	7.75	0.65	0.63	0.05	1.76	0.00	-49.84	0.60	0.00	1314.98
Jun-1992	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.14	0.00	1312.84
Jul-1992	9.3	0.78	0.75	0.06	2.34	0.01	-59.86	0.04	0.00	1310.50
Aug-1992	8.37	0.70	1.69	0.14	2.34	0.37	-47.13	0.01	0.00	1308.16
Sep-1992	6.3	0.53	0	0.00	1.95	0.00	-44.10	0.01	0.00	1306.21
Oct-1992	4.34	0.36	0.28	0.02	1.76	0.00	-28.42	0.00	0.00	1304.45
Nov-1992	2.4	0.20	0.08	0.01	1.37	0.00	-16.24	0.00	0.00	1303.08
Dec-1992	1.55	0.13	2.76	0.23	1.17	1.33	7.14	6.57	0.36	1302.28
Jan-1993	1.55	0.13	9.89	0.82	1.17	16.63	41.75	22.01	179.37	1480.47
Feb-1993	2.52	0.21	5.24	0.44	0.98	5.39	13.65	22.85	85.69	1506.00
Mar-1993	4.03	0.34	0.79	0.07	1.37	0.02	-22.70	22.85	0.00	1504.63

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2

Apr-1993	5.7	0.48	0	0.00	1.37	0.00	-39.90	6.87	0.00	1503.27
May-1993	7.75	0.65	0.2	0.02	1.76	0.00	-52.85	1.95	0.00	1501.51
Jun-1993	8.7	0.73	0.2	0.02	2.15	0.00	-59.50	0.53	0.00	1499.37
Jul-1993	9.3	0.78	0	0.00	2.34	0.00	-65.10	0.14	0.00	1497.03
Aug-1993	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.04	0.00	1494.69
Sep-1993	6.3	0.53	0	0.00	1.95	0.00	-44.10	0.02	0.00	1492.74
Oct-1993	4.34	0.36	0.08	0.01	1.76	0.00	-29.82	0.01	0.00	1490.98
Nov-1993	2.4	0.20	1.3	0.11	1.37	0.15	-7.85	0.01	0.00	1489.61
Dec-1993	1.55	0.13	0.63	0.05	1.17	0.00	-6.44	0.01	0.00	1488.44
Jan-1994	1.55	0.13	1.02	0.09	1.17	0.06	-3.77	0.01	0.00	1487.27
Feb-1994	2.52	0.21	3.7	0.31	0.98	2.61	5.65	5.47	0.12	1486.41
Mar-1994	4.03	0.34	2.32	0.19	1.37	0.88	-12.85	3.07	0.00	1485.05
Apr-1994	5.7	0.48	0.75	0.06	1.37	0.01	-34.66	0.88	0.00	1483.68
May-1994	7.75	0.65	0.08	0.01	1.76	0.00	-53.69	0.21	0.00	1481.93
Jun-1994	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.05	0.00	1479.78
Jul-1994	9.3	0.78	0	0.00	2.34	0.00	-65.10	0.01	0.00	1477.44
Aug-1994	8.37	0.70	1.69	0.14	2.34	0.37	-47.13	0.00	0.00	1475.10
Sep-1994	6.3	0.53	0.39	0.03	1.95	0.00	-41.37	0.00	0.00	1473.15
Oct-1994	4.34	0.36	0.04	0.00	1.76	0.00	-30.10	0.00	0.00	1471.39
Nov-1994	2.4	0.20	0.47	0.04	1.37	0.00	-13.51	0.00	0.00	1470.03
Dec-1994	1.55	0.13	1.65	0.14	1.17	0.34	0.36	0.45	0.00	1468.86
Jan-1995	1.55	0.13	6.5	0.54	1.17	8.11	26.54	17.48	63.47	1506.00
Feb-1995	2.52	0.21	3.15	0.26	0.98	1.82	2.59	18.18	17.91	1506.00
Mar-1995	4.03	0.34	3.66	0.31	1.37	2.55	-5.14	18.89	0.00	1504.63
Apr-1995	5.7	0.48	0.55	0.05	1.37	0.00	-36.05	5.65	0.00	1503.27
May-1995	7.75	0.65	0.79	0.07	1.76	0.02	-48.74	1.57	0.00	1501.51
Jun-1995	8.7	0.73	0.2	0.02	2.15	0.00	-59.50	0.38	0.00	1499.37
Jul-1995	9.3	0.78	0.04	0.00	2.34	0.00	-64.82	0.09	0.00	1497.03
Aug-1995	8.37	0.70	0.55	0.05	2.34	0.00	-54.74	0.03	0.00	1494.69
Sep-1995	6.3	0.53	0.47	0.04	1.95	0.00	-40.81	0.01	0.00	1492.74
Oct-1995	4.34	0.36	0	0.00	1.76	0.00	-30.38	0.01	0.00	1490.98
Nov-1995	2.4	0.20	0	0.00	1.37	0.00	-16.80	0.00	0.00	1489.61
Dec-1995	1.55	0.13	0.28	0.02	1.17	0.00	-8.89	0.00	0.00	1488.44
Jan-1996	1.55	0.13	1.18	0.10	1.17	0.11	-2.70	0.00	0.00	1487.27
Feb-1996	2.52	0.21	5.16	0.43	0.98	5.23	13.25	11.32	14.15	1500.45
Mar-1996	4.03	0.34	1.58	0.13	1.37	0.30	-17.45	6.54	0.00	1499.08
Apr-1996	5.7	0.48	0.08	0.01	1.37	0.00	-39.34	1.52	0.00	1497.72
May-1996	7.75	0.65	0.16	0.01	1.76	0.00	-53.13	0.39	0.00	1495.96
Jun-1996	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.10	0.00	1493.82
Jul-1996	9.3	0.78	0.04	0.00	2.34	0.00	-64.82	0.02	0.00	1491.47
Aug-1996	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.01	0.00	1489.13
Sep-1996	6.3	0.53	0.16	0.01	1.95	0.00	-42.98	0.00	0.00	1487.18
Oct-1996	4.34	0.36	0.87	0.07	1.76	0.03	-24.32	0.00	0.00	1485.43
Nov-1996	2.4	0.20	0.87	0.07	1.37	0.03	-10.74	0.00	0.00	1484.06
Dec-1996	1.55	0.13	1.42	0.12	1.17	0.21	-1.12	0.00	0.00	1482.89

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2

Jan-1997	1.55	0.13	3.58	0.30	1.17	2.43	11.78	10.22	7.94	1489.66
Feb-1997	2.52	0.21	1.02	0.09	0.98	0.06	-10.56	7.19	0.00	1488.69
Mar-1997	4.03	0.34	0.04	0.00	1.37	0.00	-27.93	2.32	0.00	1487.32
Apr-1997	5.7	0.48	0.43	0.04	1.37	0.00	-36.89	0.82	0.00	1485.96
May-1997	7.75	0.65	0	0.00	1.76	0.00	-54.25	0.22	0.00	1484.20
Jun-1997	8.7	0.73	0.55	0.05	2.15	0.00	-57.05	0.06	0.00	1482.05
Jul-1997	9.3	0.78	0.08	0.01	2.34	0.00	-64.54	0.02	0.00	1479.71
Aug-1997	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.00	0.00	1477.37
Sep-1997	6.3	0.53	1.97	0.16	1.95	0.57	-30.88	0.00	0.00	1475.42
Oct-1997	4.34	0.36	0.08	0.01	1.76	0.00	-29.82	0.00	0.00	1473.67
Nov-1997	2.4	0.20	1.38	0.12	1.37	0.19	-7.33	0.00	0.00	1472.30
Dec-1997	1.55	0.13	2.68	0.22	1.17	1.24	6.67	6.15	0.33	1471.46
Jan-1998	1.55	0.13	1.42	0.12	1.17	0.21	-1.12	5.83	0.00	1470.29
Feb-1998	2.52	0.21	7.76	0.65	0.98	11.10	25.58	18.80	92.28	1506.00
Mar-1998	4.03	0.34	3.66	0.31	1.37	2.55	-5.14	21.35	0.00	1504.63
Apr-1998	5.7	0.48	1.69	0.14	1.37	0.37	-28.44	8.66	0.00	1503.27
May-1998	7.75	0.65	1.3	0.11	1.76	0.15	-45.30	2.84	0.00	1501.51
Jun-1998	8.7	0.73	0.04	0.00	2.15	0.00	-60.62	0.75	0.00	1499.37
Jul-1998	9.3	0.78	0.08	0.01	2.34	0.00	-64.54	0.20	0.00	1497.03
Aug-1998	8.37	0.70	1.65	0.14	2.34	0.34	-47.38	0.08	0.00	1494.69
Sep-1998	6.3	0.53	0.32	0.03	1.95	0.00	-41.86	0.03	0.00	1492.74
Oct-1998	4.34	0.36	0.04	0.00	1.76	0.00	-30.10	0.02	0.00	1490.98
Nov-1998	2.4	0.20	1.38	0.12	1.37	0.19	-7.33	0.02	0.00	1489.61
Dec-1998	1.55	0.13	1.42	0.12	1.17	0.21	-1.12	0.02	0.00	1488.44
Jan-1999	1.55	0.13	1.58	0.13	1.17	0.30	-0.09	0.13	0.00	1487.27
Feb-1999	2.52	0.21	0.87	0.07	0.98	0.03	-11.58	0.08	0.00	1486.30
Mar-1999	4.03	0.34	0.71	0.06	1.37	0.01	-23.25	0.03	0.00	1484.93
Apr-1999	5.7	0.48	1.73	0.14	1.37	0.40	-28.19	0.01	0.00	1483.57
May-1999	7.75	0.65	0.2	0.02	1.76	0.00	-52.85	0.00	0.00	1481.81
Jun-1999	8.7	0.73	0.32	0.03	2.15	0.00	-58.66	0.00	0.00	1479.67
Jul-1999	9.3	0.78	0.87	0.07	2.34	0.03	-59.04	0.00	0.00	1477.32
Aug-1999	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.00	0.00	1474.98
Sep-1999	6.3	0.53	0.08	0.01	1.95	0.00	-43.54	0.00	0.00	1473.03
Oct-1999	4.34	0.36	0.2	0.02	1.76	0.00	-28.98	0.00	0.00	1471.28
Nov-1999	2.4	0.20	0.04	0.00	1.37	0.00	-16.52	0.00	0.00	1469.91
Dec-1999	1.55	0.13	0.2	0.02	1.17	0.00	-9.45	0.00	0.00	1468.74
Jan-2000	1.55	0.13	0.71	0.06	1.17	0.01	-5.89	0.00	0.00	1467.57
Feb-2000	2.52	0.21	3.58	0.30	0.98	2.43	4.99	4.88	0.07	1466.67
Mar-2000	4.03	0.34	1.14	0.10	1.37	0.09	-20.32	2.01	0.00	1465.30
Apr-2000	5.7	0.48	0.55	0.05	1.37	0.00	-36.05	0.59	0.00	1463.94
May-2000	7.75	0.65	0.04	0.00	1.76	0.00	-53.97	0.15	0.00	1462.18
Jun-2000	8.7	0.73	0.28	0.02	2.15	0.00	-58.94	0.04	0.00	1460.03
Jul-2000	9.3	0.78	0	0.00	2.34	0.00	-65.10	0.01	0.00	1457.69
Aug-2000	8.37	0.70	0.79	0.07	2.34	0.02	-53.08	0.00	0.00	1455.35
Sep-2000	6.3	0.53	0.16	0.01	1.95	0.00	-42.98	0.00	0.00	1453.40

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2

Oct-2000	4.34	0.36	0.67	0.06	1.76	0.01	-25.70	0.00	0.00	1451.65
Nov-2000	2.4	0.20	0.28	0.02	1.37	0.00	-14.84	0.00	0.00	1450.28
Dec-2000	1.55	0.13	0.08	0.01	1.17	0.00	-10.29	0.00	0.00	1449.11
Jan-2001	1.55	0.13	1.69	0.14	1.17	0.37	0.61	0.66	0.00	1447.94
Feb-2001	2.52	0.21	2.56	0.21	0.98	1.11	-0.83	0.78	0.00	1446.96
Mar-2001	4.03	0.34	0.87	0.07	1.37	0.03	-22.15	0.30	0.00	1445.60
Apr-2001	5.7	0.48	1.02	0.09	1.37	0.06	-32.82	0.10	0.00	1444.23
May-2001	7.75	0.65	0	0.00	1.76	0.00	-54.25	0.03	0.00	1442.48
Jun-2001	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.01	0.00	1440.33
Jul-2001	9.3	0.78	0.04	0.00	2.34	0.00	-64.82	0.00	0.00	1437.99
Aug-2001	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.00	0.00	1435.65
Sep-2001	6.3	0.53	2.44	0.20	1.95	0.99	-28.01	0.00	0.00	1433.70
Oct-2001	4.34	0.36	0	0.00	1.76	0.00	-30.38	0.00	0.00	1431.94
Nov-2001	2.4	0.20	0.59	0.05	1.37	0.00	-12.67	0.00	0.00	1430.58
Dec-2001	1.55	0.13	1.1	0.09	1.17	0.08	-3.23	0.00	0.00	1429.41
Jan-2002	1.55	0.13	0.32	0.03	1.17	0.00	-8.61	0.00	0.00	1428.24
Feb-2002	2.52	0.21	0.16	0.01	0.98	0.00	-16.52	0.00	0.00	1427.26
Mar-2002	4.03	0.34	0.67	0.06	1.37	0.01	-23.53	0.00	0.00	1425.90
Apr-2002	5.7	0.48	0.43	0.04	1.37	0.00	-36.89	0.00	0.00	1424.53
May-2002	7.75	0.65	0	0.00	1.76	0.00	-54.25	0.00	0.00	1422.78
Jun-2002	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.00	0.00	1420.63
Jul-2002	9.3	0.78	0	0.00	2.34	0.00	-65.10	0.00	0.00	1418.29
Aug-2002	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.00	0.00	1415.95
Sep-2002	6.3	0.53	0.95	0.08	1.95	0.05	-37.50	0.00	0.00	1414.00
Oct-2002	4.34	0.36	0.16	0.01	1.76	0.00	-29.26	0.00	0.00	1412.24
Nov-2002	2.4	0.20	1.46	0.12	1.37	0.23	-6.81	0.00	0.00	1410.88
Dec-2002	1.55	0.13	1.38	0.12	1.17	0.19	-1.38	0.00	0.00	1409.71
Jan-2003	1.55	0.13	0.16	0.01	1.17	0.00	-9.73	0.00	0.00	1408.54
Feb-2003	2.52	0.21	3.62	0.30	0.98	2.49	5.21	5.08	0.09	1407.65
Mar-2003	4.03	0.34	1.42	0.12	1.37	0.21	-18.48	2.24	0.00	1406.28
Apr-2003	5.7	0.48	1.5	0.13	1.37	0.25	-29.65	0.79	0.00	1404.91
May-2003	7.75	0.65	0.83	0.07	1.76	0.02	-48.46	0.22	0.00	1403.16
Jun-2003	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.05	0.00	1401.01
Jul-2003	9.3	0.78	0.2	0.02	2.34	0.00	-63.70	0.01	0.00	1398.67
Aug-2003	8.37	0.70	1.93	0.16	2.34	0.54	-45.62	0.01	0.00	1396.33
Sep-2003	6.3	0.53	0.04	0.00	1.95	0.00	-43.82	0.00	0.00	1394.38
Oct-2003	4.34	0.36	0	0.00	1.76	0.00	-30.38	0.00	0.00	1392.63
Nov-2003	2.4	0.20	0.55	0.05	1.37	0.00	-12.95	0.00	0.00	1391.26
Dec-2003	1.55	0.13	1.5	0.13	1.17	0.25	-0.60	0.00	0.00	1390.09
Jan-2004	1.55	0.13	0.59	0.05	1.17	0.00	-6.72	0.00	0.00	1388.92
Feb-2004	2.52	0.21	3.66	0.31	0.98	2.55	5.43	5.27	0.10	1388.04
Mar-2004	4.03	0.34	1.54	0.13	1.37	0.28	-17.71	2.40	0.00	1386.68
Apr-2004	5.7	0.48	0.66	0.06	1.37	0.00	-35.28	0.71	0.00	1385.31
May-2004	7.75	0.65	0	0.00	1.76	0.00	-54.25	0.17	0.00	1383.56
Jun-2004	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.04	0.00	1381.41

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2

Jul-2004	9.3	0.78	0.24	0.02	2.34	0.00	-63.42	0.01	0.00	1379.07
Aug-2004	8.37	0.70	0.51	0.04	2.34	0.00	-55.02	0.00	0.00	1376.73
Sep-2004	6.3	0.53	0.04	0.00	1.95	0.00	-43.82	0.00	0.00	1374.78
Oct-2004	4.34	0.36	6.58	0.55	1.76	8.29	7.39	7.15	3.52	1376.54
Nov-2004	2.4	0.20	0.67	0.06	1.37	0.01	-12.12	4.98	0.00	1375.18
Dec-2004	1.55	0.13	4.14	0.35	1.17	3.33	14.80	14.70	43.02	1417.02
Jan-2005	1.55	0.13	3.55	0.30	1.17	2.38	11.62	18.77	54.55	1470.41
Feb-2005	2.52	0.21	4.18	0.35	0.98	3.40	8.22	22.85	48.12	1506.00
Mar-2005	4.03	0.34	1.02	0.09	1.37	0.06	-21.13	20.37	0.00	1504.63
Apr-2005	5.7	0.48	0.39	0.03	1.37	0.00	-37.17	6.15	0.00	1503.27
May-2005	7.75	0.65	0.04	0.00	1.76	0.00	-53.97	1.59	0.00	1501.51
Jun-2005	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.40	0.00	1499.37
Jul-2005	9.3	0.78	0.55	0.05	2.34	0.00	-61.25	0.11	0.00	1497.03
Aug-2005	8.37	0.70	3.19	0.27	2.34	1.87	-38.13	0.05	0.00	1494.69
Sep-2005	6.3	0.53	0.08	0.01	1.95	0.00	-43.54	0.02	0.00	1492.74
Oct-2005	4.34	0.36	0.59	0.05	1.76	0.00	-26.25	0.01	0.00	1490.98
Nov-2005	2.4	0.20	0.04	0.00	1.37	0.00	-16.52	0.01	0.00	1489.61
Dec-2005	1.55	0.13	0.12	0.01	1.17	0.00	-10.01	0.01	0.00	1488.44
Jan-2006	1.55	0.13	0.51	0.04	1.17	0.00	-7.28	0.01	0.00	1487.27
Feb-2006	2.52	0.21	1.06	0.09	0.98	0.07	-10.29	0.01	0.00	1486.30
Mar-2006	4.03	0.34	2.64	0.22	1.37	1.20	-10.93	0.00	0.00	1484.93
Apr-2006	5.7	0.48	1.73	0.14	1.37	0.40	-28.19	0.00	0.00	1483.57
May-2006	7.75	0.65	0.08	0.01	1.76	0.00	-53.69	0.00	0.00	1481.81
Jun-2006	8.7	0.73	0.16	0.01	2.15	0.00	-59.78	0.00	0.00	1479.67
Jul-2006	9.3	0.78	0.35	0.03	2.34	0.00	-62.65	0.00	0.00	1477.32
Aug-2006	8.37	0.70	0.08	0.01	2.34	0.00	-58.03	0.00	0.00	1474.98
Sep-2006	6.3	0.53	0.04	0.00	1.95	0.00	-43.82	0.00	0.00	1473.03
Oct-2006	4.34	0.36	0.24	0.02	1.76	0.00	-28.70	0.00	0.00	1471.28
Nov-2006	2.4	0.20	0.08	0.01	1.37	0.00	-16.24	0.00	0.00	1469.91
Dec-2006	1.55	0.13	0.79	0.07	1.17	0.02	-5.34	0.00	0.00	1468.74
Jan-2007	1.55	0.13	0.35	0.03	1.17	0.00	-8.40	0.00	0.00	1467.57
Feb-2007	2.52	0.21	1.3	0.11	0.98	0.15	-8.69	0.00	0.00	1466.60
Mar-2007	4.03	0.34	0.39	0.03	1.37	0.00	-25.48	0.00	0.00	1465.23
Apr-2007	5.7	0.48	0.32	0.03	1.37	0.00	-37.66	0.00	0.00	1463.87
May-2007	7.75	0.65	0	0.00	1.76	0.00	-54.25	0.00	0.00	1462.11
Jun-2007	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.00	0.00	1459.96
Jul-2007	9.3	0.78	0	0.00	2.34	0.00	-65.10	0.00	0.00	1457.62
Aug-2007	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.00	0.00	1455.28
Sep-2007	6.3	0.53	0.16	0.01	1.95	0.00	-42.98	0.00	0.00	1453.33
Oct-2007	4.34	0.36	0.16	0.01	1.76	0.00	-29.26	0.00	0.00	1451.58
Nov-2007	2.4	0.20	1.65	0.14	1.37	0.34	-5.59	0.00	0.00	1450.21
Dec-2007	1.55	0.13	0.79	0.07	1.17	0.02	-5.34	0.00	0.00	1449.04
Jan-2008	1.55	0.13	4.32	0.36	1.17	3.65	15.74	12.61	20.17	1468.04
Feb-2008	2.52	0.21	2.09	0.17	0.98	0.67	-3.68	12.02	0.00	1467.06
Mar-2008	4.03	0.34	0.32	0.03	1.37	0.00	-25.97	4.09	0.00	1465.70

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2

Apr-2008	5.7	0.48	0	0.00	1.37	0.00	-39.90	1.27	0.00	1464.33
May-2008	7.75	0.65	0.2	0.02	1.76	0.00	-52.85	0.35	0.00	1462.58
Jun-2008	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.09	0.00	1460.43
Jul-2008	9.3	0.78	0	0.00	2.34	0.00	-65.10	0.02	0.00	1458.09
Aug-2008	8.37	0.70	0.24	0.02	2.34	0.00	-56.91	0.01	0.00	1455.75
Sep-2008	6.3	0.53	0.63	0.05	1.95	0.00	-39.69	0.00	0.00	1453.80
Oct-2008	4.34	0.36	0.04	0.00	1.76	0.00	-30.10	0.00	0.00	1452.04
Nov-2008	2.4	0.20	1.38	0.12	1.37	0.19	-7.33	0.00	0.00	1450.68
Dec-2008	1.55	0.13	5.39	0.45	1.17	5.70	21.18	14.97	40.74	1490.25
Jan-2009	1.55	0.13	0.08	0.01	1.17	0.00	-10.29	12.75	0.00	1489.08
Feb-2009	2.52	0.21	2.56	0.21	0.98	1.11	-0.83	12.34	0.76	1488.86
Mar-2009	4.03	0.34	0	0.00	1.37	0.00	-28.21	7.52	0.00	1487.50
Apr-2009	5.7	0.48	0.16	0.01	1.37	0.00	-38.78	1.63	0.00	1486.13
May-2009	7.75	0.65	0	0.00	1.76	0.00	-54.25	0.38	0.00	1484.38
Jun-2009	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.10	0.00	1482.23
Jul-2009	9.3	0.78	0.32	0.03	2.34	0.00	-62.86	0.03	0.00	1479.89
Aug-2009	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.01	0.00	1477.55
Sep-2009	6.3	0.53	0	0.00	1.95	0.00	-44.10	0.00	0.00	1475.60
Oct-2009	4.34	0.36	0.04	0.00	1.76	0.00	-30.10	0.00	0.00	1473.84
Nov-2009	2.4	0.20	0.43	0.04	1.37	0.00	-13.79	0.00	0.00	1472.48
Dec-2009	1.55	0.13	3.31	0.28	1.17	2.04	10.28	9.13	4.09	1475.39
Jan-2010	1.55	0.13	5.75	0.48	1.17	6.45	22.95	19.26	92.50	1506.00
Feb-2010	2.52	0.21	2.76	0.23	0.98	1.33	0.35	19.36	6.76	1506.00
Mar-2010	4.03	0.34	1.18	0.10	1.37	0.11	-20.06	14.57	0.00	1504.63
Apr-2010	5.7	0.48	1.46	0.12	1.37	0.23	-29.91	5.31	0.00	1503.27
May-2010	7.75	0.65	0	0.00	1.76	0.00	-54.25	1.25	0.00	1501.51
Jun-2010	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.30	0.00	1499.37
Jul-2010	9.3	0.78	0.04	0.00	2.34	0.00	-64.82	0.07	0.00	1497.03
Aug-2010	8.37	0.70	0	0.00	2.34	0.00	-58.59	0.02	0.00	1494.69
Sep-2010	6.3	0.53	0	0.00	1.95	0.00	-44.10	0.01	0.00	1492.74
Oct-2010	4.34	0.36	4.1	0.34	1.76	3.27	-4.95	0.01	0.00	1490.98
Nov-2010	2.4	0.20	0.83	0.07	1.37	0.02	-11.01	0.01	0.00	1489.61
Dec-2010	1.55	0.13	4.1	0.34	1.17	3.27	14.58	12.07	15.95	1504.40
Jan-2011	1.55	0.13	0.47	0.04	1.17	0.00	-7.56	10.03	0.00	1503.23
Feb-2011	2.52	0.21	4.52	0.38	0.98	4.01	9.99	15.48	36.35	1506.00
Mar-2011	4.03	0.34	1.65	0.14	1.37	0.34	-17.00	11.98	0.00	1504.63
Apr-2011	5.7	0.48	0.24	0.02	1.37	0.00	-38.22	2.78	0.00	1503.27
May-2011	7.75	0.65	0.71	0.06	1.76	0.01	-49.29	0.76	0.00	1501.51
Jun-2011	8.7	0.73	0.16	0.01	2.15	0.00	-59.78	0.19	0.00	1499.37
Jul-2011	9.3	0.78	0.55	0.05	2.34	0.00	-61.25	0.05	0.00	1497.03
Aug-2011	8.37	0.70	0.34	0.03	2.34	0.00	-56.21	0.02	0.00	1494.69
Sep-2011	6.3	0.53	0	0.00	1.95	0.00	-44.10	0.01	0.00	1492.74
Oct-2011	4.34	0.36	0.5	0.04	1.76	0.00	-26.88	0.00	0.00	1490.98
Nov-2011	2.4	0.20	2.71	0.23	1.37	1.28	0.89	1.18	0.00	1489.61
Dec-2011	1.55	0.13	1.95	0.16	1.17	0.56	2.24	3.39	0.02	1488.47

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2

Jan-2012	1.55	0.13	0.77	0.06	1.17	0.01	-5.47	2.60	0.00	1487.29
Feb-2012	2.52	0.21	1.26	0.11	0.98	0.14	-8.96	1.68	0.00	1486.32
Mar-2012	4.03	0.34	1.87	0.16	1.37	0.50	-15.62	0.94	0.00	1484.95
Apr-2012	5.7	0.48	1.77	0.15	1.37	0.42	-27.93	0.41	0.00	1483.59
May-2012	7.75	0.65	0	0.00	1.76	0.00	-54.25	0.10	0.00	1481.83
Jun-2012	8.7	0.73	0	0.00	2.15	0.00	-60.90	0.03	0.00	1479.69

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2B

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0.33	0.03	8.78	0.00	-62.81	22.85	0.00	1497.22
Aug-1982	8.37	0.70	0.56	0.05	8.78	0.00	-54.69	4.75	0.00	1488.44
Sep-1982	6.3	0.53	0.37	0.03	8.39	0.00	-41.51	1.81	0.00	1480.05
Oct-1982	4.34	0.36	0.13	0.01	8.20	0.00	-29.48	0.94	0.00	1471.85
Nov-1982	2.4	0.20	4.38	0.36	7.81	3.75	10.10	9.99	5.75	1469.80
Dec-1982	1.55	0.13	3.41	0.28	7.61	2.18	10.86	16.00	36.14	1498.33
Jan-1983	1.55	0.13	2.21	0.18	7.61	0.78	3.85	17.87	14.61	1505.32
Feb-1983	2.52	0.21	4.77	0.40	7.42	4.48	11.30	20.91	64.63	1506.00
Mar-1983	4.03	0.34	9.83	0.82	7.81	16.46	24.12	22.85	149.53	1506.00
Apr-1983	5.7	0.48	2.21	0.18	8.82	0.78	-25.22	22.85	0.00	1497.18
May-1983	7.75	0.65	0.19	0.02	11.72	0.00	-52.91	4.96	0.00	1485.47
Jun-1983	8.7	0.73	0.00	0.00	5.93	0.00	-60.90	1.22	0.00	1479.54
Jul-1983	9.3	0.78	0.01	0.00	2.38	0.00	-65.02	0.30	0.00	1477.16
Aug-1983	8.37	0.70	4.02	0.33	2.33	3.13	-33.60	0.15	0.00	1474.83
Sep-1983	6.3	0.53	0.67	0.06	2.33	0.01	-39.41	0.07	0.00	1472.50
Oct-1983	4.34	0.36	1.15	0.10	3.04	0.10	-22.42	0.04	0.00	1469.46
Nov-1983	2.4	0.20	2.43	0.20	2.40	0.98	-0.80	0.12	0.00	1467.06
Dec-1983	1.55	0.13	0.99	0.08	2.82	0.05	-4.00	0.10	0.00	1464.24
Jan-1984	1.55	0.13	0.12	0.01	2.63	0.00	-10.03	0.07	0.00	1461.61
Feb-1984	2.52	0.21	0.00	0.00	2.40	0.00	-17.64	0.04	0.00	1459.21
Mar-1984	4.03	0.34	0.04	0.00	2.33	0.00	-27.94	0.02	0.00	1456.88
Apr-1984	5.7	0.48	0.24	0.02	1.37	0.00	-38.23	0.01	0.00	1455.51
May-1984	7.75	0.65	0.00	0.00	1.37	0.00	-54.25	0.00	0.00	1454.15
Jun-1984	8.7	0.73	0.55	0.05	2.15	0.00	-57.08	0.00	0.00	1452.00
Jul-1984	9.3	0.78	1.49	0.12	2.34	0.25	-54.89	0.00	0.00	1449.66
Aug-1984	8.37	0.70	2.27	0.19	2.34	0.84	-43.51	0.00	0.00	1447.32
Sep-1984	6.3	0.53	0.66	0.06	1.95	0.00	-39.46	0.00	0.00	1445.37
Oct-1984	4.34	0.36	0.18	0.01	1.76	0.00	-29.12	0.00	0.00	1443.62
Nov-1984	2.4	0.20	1.42	0.12	1.37	0.21	-7.10	0.00	0.00	1442.25
Dec-1984	1.55	0.13	4.22	0.35	1.17	3.46	15.20	12.37	18.10	1459.18
Jan-1985	1.55	0.13	1.58	0.13	1.17	0.30	-0.12	12.41	0.49	1458.50
Feb-1985	2.52	0.21	1.45	0.12	0.98	0.23	-7.71	10.28	0.00	1457.52
Mar-1985	4.03	0.34	0.27	0.02	1.37	0.00	-26.35	3.56	0.00	1456.16
Apr-1985	5.7	0.48	0.04	0.00	1.37	0.00	-39.63	1.12	0.00	1454.79
May-1985	7.75	0.65	0.09	0.01	1.76	0.00	-53.62	0.30	0.00	1453.04
Jun-1985	8.7	0.73	1.72	0.14	2.15	0.39	-49.25	0.10	0.00	1450.89
Jul-1985	9.3	0.78	0.00	0.00	2.34	0.00	-65.10	0.03	0.00	1448.55
Aug-1985	8.37	0.70	0.33	0.03	2.34	0.00	-56.27	0.01	0.00	1446.21
Sep-1985	6.3	0.53	0.68	0.06	1.95	0.01	-39.33	0.00	0.00	1444.26

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2B

Oct-1985	4.34	0.36	4.49	0.37	1.76	3.96	-2.89	0.05	0.00	1442.50
Nov-1985	2.4	0.20	1.75	0.15	1.37	0.41	-4.98	0.04	0.00	1441.14
Dec-1985	1.55	0.13	0.00	0.00	1.17	0.00	-10.85	0.02	0.00	1439.97
Jan-1986	1.55	0.13	0.74	0.06	1.17	0.01	-5.65	0.02	0.00	1438.80
Feb-1986	2.52	0.21	3.50	0.29	0.98	2.31	4.54	4.50	0.04	1437.86
Mar-1986	4.03	0.34	3.44	0.29	1.37	2.22	-6.37	3.48	0.00	1436.49
Apr-1986	5.7	0.48	0.28	0.02	1.37	0.00	-37.96	0.80	0.00	1435.13
May-1986	7.75	0.65	0.01	0.00	1.76	0.00	-54.17	0.18	0.00	1433.37
Jun-1986	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.04	0.00	1431.23
Jul-1986	9.3	0.78	0.35	0.03	2.34	0.00	-62.67	0.01	0.00	1428.89
Aug-1986	8.37	0.70	0.06	0.00	2.34	0.00	-58.18	0.00	0.00	1426.54
Sep-1986	6.3	0.53	1.31	0.11	1.95	0.16	-35.11	0.00	0.00	1424.59
Oct-1986	4.34	0.36	2.10	0.17	1.76	0.68	-16.37	0.00	0.00	1422.84
Nov-1986	2.4	0.20	0.57	0.05	1.37	0.00	-12.84	0.00	0.00	1421.47
Dec-1986	1.55	0.13	0.71	0.06	1.17	0.01	-5.86	0.00	0.00	1420.30
Jan-1987	1.55	0.13	1.64	0.14	1.17	0.34	0.31	0.41	0.00	1419.13
Feb-1987	2.52	0.21	2.53	0.21	0.98	1.08	-1.01	0.44	0.00	1418.16
Mar-1987	4.03	0.34	2.55	0.21	1.37	1.11	-11.44	0.27	0.00	1416.79
Apr-1987	5.7	0.48	0.20	0.02	1.37	0.00	-38.54	0.07	0.00	1415.43
May-1987	7.75	0.65	0.08	0.01	1.76	0.00	-53.68	0.02	0.00	1413.67
Jun-1987	8.7	0.73	0.01	0.00	2.15	0.00	-60.82	0.00	0.00	1411.52
Jul-1987	9.3	0.78	0.00	0.00	2.34	0.00	-65.10	0.00	0.00	1409.18
Aug-1987	8.37	0.70	0.64	0.05	2.34	0.00	-54.09	0.00	0.00	1406.84
Sep-1987	6.3	0.53	0.48	0.04	1.95	0.00	-40.77	0.00	0.00	1404.89
Oct-1987	4.34	0.36	3.10	0.26	1.76	1.75	-10.43	0.00	0.00	1403.14
Nov-1987	2.4	0.20	2.46	0.20	1.37	1.01	-0.61	0.17	0.00	1401.77
Dec-1987	1.55	0.13	1.81	0.15	1.17	0.45	1.34	1.51	0.00	1400.60
Jan-1988	1.55	0.13	3.46	0.29	1.17	2.25	11.12	10.90	10.91	1410.34
Feb-1988	2.52	0.21	1.93	0.16	0.98	0.54	-4.69	12.62	0.00	1409.36
Mar-1988	4.03	0.34	0.71	0.06	1.37	0.01	-23.22	4.95	0.00	1408.00
Apr-1988	5.7	0.48	2.46	0.21	1.37	1.01	-23.69	2.36	0.00	1406.63
May-1988	7.75	0.65	0.35	0.03	1.76	0.00	-51.77	0.57	0.00	1404.88
Jun-1988	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.13	0.00	1402.73
Jul-1988	9.3	0.78	0.02	0.00	2.34	0.00	-64.94	0.03	0.00	1400.39
Aug-1988	8.37	0.70	1.63	0.14	2.34	0.33	-47.48	0.01	0.00	1398.05
Sep-1988	6.3	0.53	0.00	0.00	1.95	0.00	-44.10	0.00	0.00	1396.10
Oct-1988	4.34	0.36	0.00	0.00	1.76	0.00	-30.38	0.00	0.00	1394.34
Nov-1988	2.4	0.20	1.07	0.09	1.37	0.08	-9.37	0.00	0.00	1392.98
Dec-1988	1.55	0.13	2.10	0.17	1.17	0.68	3.16	3.02	0.09	1391.89
Jan-1989	1.55	0.13	1.05	0.09	1.17	0.07	-3.60	2.54	0.00	1390.72
Feb-1989	2.52	0.21	1.17	0.10	0.98	0.11	-9.53	1.58	0.00	1389.75
Mar-1989	4.03	0.34	1.63	0.14	1.37	0.33	-17.10	0.84	0.00	1388.38
Apr-1989	5.7	0.48	0.21	0.02	1.37	0.00	-38.45	0.28	0.00	1387.02
May-1989	7.75	0.65	0.13	0.01	1.76	0.00	-53.35	0.08	0.00	1385.26
Jun-1989	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.02	0.00	1383.12

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2B

Jul-1989	9.3	0.78	0.00	0.00	2.34	0.00	-65.10	0.01	0.00	1380.78
Aug-1989	8.37	0.70	0.00	0.00	2.34	0.00	-58.59	0.00	0.00	1378.44
Sep-1989	6.3	0.53	0.17	0.01	1.95	0.00	-42.93	0.00	0.00	1376.48
Oct-1989	4.34	0.36	0.35	0.03	1.76	0.00	-27.90	0.00	0.00	1374.73
Nov-1989	2.4	0.20	0.03	0.00	1.37	0.00	-16.58	0.00	0.00	1373.36
Dec-1989	1.55	0.13	0.29	0.02	1.17	0.00	-8.83	0.00	0.00	1372.19
Jan-1990	1.55	0.13	3.03	0.25	1.17	1.67	8.72	7.98	0.47	1371.50
Feb-1990	2.52	0.21	1.76	0.15	0.98	0.42	-5.74	6.03	0.00	1370.52
Mar-1990	4.03	0.34	0.69	0.06	1.37	0.01	-23.38	2.30	0.00	1369.16
Apr-1990	5.7	0.48	0.98	0.08	1.37	0.05	-33.10	0.86	0.00	1367.79
May-1990	7.75	0.65	0.23	0.02	1.76	0.00	-52.67	0.23	0.00	1366.03
Jun-1990	8.7	0.73	0.22	0.02	2.15	0.00	-59.37	0.06	0.00	1363.89
Jul-1990	9.3	0.78	0.11	0.01	2.34	0.00	-64.34	0.02	0.00	1361.55
Aug-1990	8.37	0.70	0.18	0.01	2.34	0.00	-57.33	0.00	0.00	1359.21
Sep-1990	6.3	0.53	0.62	0.05	1.95	0.00	-39.79	0.00	0.00	1357.26
Oct-1990	4.34	0.36	0.04	0.00	1.76	0.00	-30.11	0.00	0.00	1355.50
Nov-1990	2.4	0.20	0.55	0.05	1.37	0.00	-12.92	0.00	0.00	1354.14
Dec-1990	1.55	0.13	1.29	0.11	1.17	0.15	-1.99	0.00	0.00	1352.97
Jan-1991	1.55	0.13	1.34	0.11	1.17	0.17	-1.66	0.00	0.00	1351.79
Feb-1991	2.52	0.21	2.21	0.18	0.98	0.78	-2.94	0.00	0.00	1350.82
Mar-1991	4.03	0.34	12.06	1.01	1.37	22.69	33.54	18.87	105.73	1455.19
Apr-1991	5.7	0.48	0.05	0.00	1.37	0.00	-39.55	13.66	0.00	1453.82
May-1991	7.75	0.65	0.00	0.00	1.76	0.00	-54.25	2.01	0.00	1452.07
Jun-1991	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.42	0.00	1449.92
Jul-1991	9.3	0.78	0.61	0.05	2.34	0.00	-60.82	0.10	0.00	1447.58
Aug-1991	8.37	0.70	0.00	0.00	2.34	0.00	-58.59	0.03	0.00	1445.24
Sep-1991	6.3	0.53	0.35	0.03	1.95	0.00	-41.64	0.01	0.00	1443.29
Oct-1991	4.34	0.36	0.58	0.05	1.76	0.00	-26.34	0.01	0.00	1441.53
Nov-1991	2.4	0.20	0.30	0.02	1.37	0.00	-14.73	0.01	0.00	1440.17
Dec-1991	1.55	0.13	2.80	0.23	1.17	1.38	7.37	6.78	0.38	1439.38
Jan-1992	1.55	0.13	2.68	0.22	1.17	1.25	6.69	11.87	13.87	1452.08
Feb-1992	2.52	0.21	5.00	0.42	0.98	4.92	12.46	19.04	50.36	1501.46
Mar-1992	4.03	0.34	4.89	0.41	1.37	4.70	1.30	19.12	18.93	1506.00
Apr-1992	5.7	0.48	0.67	0.06	1.37	0.01	-35.18	15.73	0.00	1504.63
May-1992	7.75	0.65	0.23	0.02	1.76	0.00	-52.67	2.94	0.00	1502.88
Jun-1992	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.59	0.00	1500.73
Jul-1992	9.3	0.78	0.74	0.06	2.34	0.01	-59.90	0.14	0.00	1498.39
Aug-1992	8.37	0.70	2.03	0.17	2.34	0.62	-45.01	0.05	0.00	1496.05
Sep-1992	6.3	0.53	0.00	0.00	1.95	0.00	-44.10	0.02	0.00	1494.10
Oct-1992	4.34	0.36	0.24	0.02	1.76	0.00	-28.71	0.01	0.00	1492.35
Nov-1992	2.4	0.20	0.06	0.00	1.37	0.00	-16.39	0.01	0.00	1490.98
Dec-1992	1.55	0.13	4.00	0.33	1.17	3.09	14.04	11.74	14.27	1504.08
Jan-1993	1.55	0.13	18.44	1.54	1.17	41.94	76.29	22.85	419.91	1506.00
Feb-1993	2.52	0.21	6.45	0.54	0.98	8.00	19.52	22.85	130.48	1506.00
Mar-1993	4.03	0.34	1.51	0.13	1.37	0.26	-17.88	22.85	0.00	1504.63

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2B

Apr-1993	5.7	0.48	0.00	0.00	1.37	0.00	-39.90	6.87	0.00	1503.27
May-1993	7.75	0.65	0.12	0.01	1.76	0.00	-53.43	1.93	0.00	1501.51
Jun-1993	8.7	0.73	0.16	0.01	2.15	0.00	-59.78	0.52	0.00	1499.37
Jul-1993	9.3	0.78	0.00	0.00	2.34	0.00	-65.10	0.14	0.00	1497.03
Aug-1993	8.37	0.70	0.00	0.00	2.34	0.00	-58.59	0.04	0.00	1494.69
Sep-1993	6.3	0.53	0.00	0.00	1.95	0.00	-44.10	0.02	0.00	1492.74
Oct-1993	4.34	0.36	0.30	0.02	1.76	0.00	-28.31	0.01	0.00	1490.98
Nov-1993	2.4	0.20	1.48	0.12	1.37	0.24	-6.69	0.01	0.00	1489.61
Dec-1993	1.55	0.13	1.15	0.10	1.17	0.10	-2.89	0.01	0.00	1488.44
Jan-1994	1.55	0.13	1.68	0.14	1.17	0.37	0.58	0.64	0.00	1487.27
Feb-1994	2.52	0.21	4.11	0.34	0.98	3.28	7.83	7.92	2.19	1488.49
Mar-1994	4.03	0.34	3.11	0.26	1.37	1.77	-8.19	6.25	0.00	1487.13
Apr-1994	5.7	0.48	1.34	0.11	1.37	0.17	-30.71	1.76	0.00	1485.76
May-1994	7.75	0.65	0.00	0.00	1.76	0.00	-54.25	0.39	0.00	1484.01
Jun-1994	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.09	0.00	1481.86
Jul-1994	9.3	0.78	0.00	0.00	2.34	0.00	-65.10	0.02	0.00	1479.52
Aug-1994	8.37	0.70	1.21	0.10	2.34	0.12	-50.27	0.01	0.00	1477.18
Sep-1994	6.3	0.53	0.00	0.00	1.95	0.00	-44.10	0.00	0.00	1475.23
Oct-1994	4.34	0.36	0.19	0.02	1.76	0.00	-29.04	0.00	0.00	1473.47
Nov-1994	2.4	0.20	0.68	0.06	1.37	0.01	-12.06	0.00	0.00	1472.11
Dec-1994	1.55	0.13	0.96	0.08	1.17	0.05	-4.16	0.00	0.00	1470.94
Jan-1995	1.55	0.13	10.03	0.84	1.17	17.00	42.34	21.07	144.27	1506.00
Feb-1995	2.52	0.21	3.25	0.27	0.98	1.95	3.15	21.49	20.96	1506.00
Mar-1995	4.03	0.34	6.56	0.55	1.37	8.25	9.48	22.67	61.25	1506.00
Apr-1995	5.7	0.48	1.25	0.10	1.37	0.13	-31.30	19.39	0.00	1504.63
May-1995	7.75	0.65	1.09	0.09	1.76	0.08	-46.69	4.37	0.00	1502.88
Jun-1995	8.7	0.73	0.48	0.04	2.15	0.00	-57.57	1.04	0.00	1500.73
Jul-1995	9.3	0.78	0.06	0.00	2.34	0.00	-64.69	0.24	0.00	1498.39
Aug-1995	8.37	0.70	0.64	0.05	2.34	0.00	-54.14	0.07	0.00	1496.05
Sep-1995	6.3	0.53	0.28	0.02	1.95	0.00	-42.13	0.03	0.00	1494.10
Oct-1995	4.34	0.36	0.00	0.00	1.76	0.00	-30.38	0.02	0.00	1492.35
Nov-1995	2.4	0.20	0.08	0.01	1.37	0.00	-16.25	0.01	0.00	1490.98
Dec-1995	1.55	0.13	0.57	0.05	1.17	0.00	-6.89	0.01	0.00	1489.81
Jan-1996	1.55	0.13	1.52	0.13	1.17	0.27	-0.44	0.01	0.00	1488.64
Feb-1996	2.52	0.21	3.17	0.26	0.98	1.85	2.73	2.78	0.00	1487.66
Mar-1996	4.03	0.34	2.73	0.23	1.37	1.30	-10.40	1.75	0.00	1486.30
Apr-1996	5.7	0.48	0.53	0.04	1.37	0.00	-36.21	0.47	0.00	1484.93
May-1996	7.75	0.65	0.07	0.01	1.76	0.00	-53.76	0.11	0.00	1483.18
Jun-1996	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.03	0.00	1481.03
Jul-1996	9.3	0.78	0.00	0.00	2.34	0.00	-65.10	0.01	0.00	1478.69
Aug-1996	8.37	0.70	0.07	0.01	2.34	0.00	-58.10	0.00	0.00	1476.35
Sep-1996	6.3	0.53	0.03	0.00	1.95	0.00	-43.88	0.00	0.00	1474.40
Oct-1996	4.34	0.36	1.54	0.13	1.76	0.28	-19.87	0.00	0.00	1472.64
Nov-1996	2.4	0.20	0.91	0.08	1.37	0.04	-10.45	0.00	0.00	1471.28
Dec-1996	1.55	0.13	1.97	0.16	1.17	0.57	2.34	2.29	0.03	1470.14

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2B

Jan-1997	1.55	0.13	4.29	0.36	1.17	3.60	15.61	13.68	28.65	1497.61
Feb-1997	2.52	0.21	1.51	0.13	0.98	0.26	-7.31	12.30	0.00	1496.64
Mar-1997	4.03	0.34	0.02	0.00	1.37	0.00	-28.07	3.96	0.00	1495.27
Apr-1997	5.7	0.48	0.22	0.02	1.37	0.00	-38.37	1.32	0.00	1493.90
May-1997	7.75	0.65	0.00	0.00	1.76	0.00	-54.25	0.35	0.00	1492.15
Jun-1997	8.7	0.73	0.07	0.01	2.15	0.00	-60.41	0.09	0.00	1490.00
Jul-1997	9.3	0.78	1.91	0.16	2.34	0.53	-52.23	0.03	0.00	1487.66
Aug-1997	8.37	0.70	0.16	0.01	2.34	0.00	-57.47	0.01	0.00	1485.32
Sep-1997	6.3	0.53	1.74	0.15	1.95	0.41	-32.30	0.01	0.00	1483.37
Oct-1997	4.34	0.36	4.17	0.35	1.76	3.38	-4.58	0.00	0.00	1481.62
Nov-1997	2.4	0.20	0.00	0.00	1.37	0.00	-16.80	0.00	0.00	1480.25
Dec-1997	1.55	0.13	0.00	0.00	1.17	0.00	-10.85	0.00	0.00	1479.08
Jan-1998	1.55	0.13	1.59	0.13	1.17	0.31	-0.02	0.17	0.00	1477.91
Feb-1998	2.52	0.21	10.27	0.86	0.98	17.67	36.60	19.92	118.36	1506.00
Mar-1998	4.03	0.34	4.36	0.36	1.37	3.71	-1.43	19.49	5.85	1506.00
Apr-1998	5.7	0.48	2.17	0.18	1.37	0.74	-25.44	13.88	0.00	1504.63
May-1998	7.75	0.65	1.16	0.10	1.76	0.10	-46.24	3.12	0.00	1502.88
Jun-1998	8.7	0.73	0.02	0.00	2.15	0.00	-60.74	0.67	0.00	1500.73
Jul-1998	9.3	0.78	0.10	0.01	2.34	0.00	-64.39	0.15	0.00	1498.39
Aug-1998	8.37	0.70	0.20	0.02	2.34	0.00	-57.20	0.05	0.00	1496.05
Sep-1998	6.3	0.53	0.20	0.02	1.95	0.00	-42.71	0.02	0.00	1494.10
Oct-1998	4.34	0.36	0.04	0.00	1.76	0.00	-30.13	0.01	0.00	1492.35
Nov-1998	2.4	0.20	1.16	0.10	1.37	0.10	-8.79	0.01	0.00	1490.98
Dec-1998	1.55	0.13	1.41	0.12	1.17	0.20	-1.20	0.01	0.00	1489.81
Jan-1999	1.55	0.13	1.65	0.14	1.17	0.34	0.33	0.44	0.00	1488.64
Feb-1999	2.52	0.21	0.82	0.07	0.98	0.02	-11.90	0.26	0.00	1487.66
Mar-1999	4.03	0.34	0.62	0.05	1.37	0.00	-23.87	0.11	0.00	1486.30
Apr-1999	5.7	0.48	3.28	0.27	1.37	1.99	-18.93	0.07	0.00	1484.93
May-1999	7.75	0.65	0.00	0.00	1.76	0.00	-54.25	0.02	0.00	1483.18
Jun-1999	8.7	0.73	0.46	0.04	2.15	0.00	-57.71	0.00	0.00	1481.03
Jul-1999	9.3	0.78	0.36	0.03	2.34	0.00	-62.59	0.00	0.00	1478.69
Aug-1999	8.37	0.70	0.00	0.00	2.34	0.00	-58.59	0.00	0.00	1476.35
Sep-1999	6.3	0.53	0.14	0.01	1.95	0.00	-43.14	0.00	0.00	1474.40
Oct-1999	4.34	0.36	0.00	0.00	1.76	0.00	-30.38	0.00	0.00	1472.64
Nov-1999	2.4	0.20	0.00	0.00	1.37	0.00	-16.80	0.00	0.00	1471.28
Dec-1999	1.55	0.13	0.21	0.02	1.17	0.00	-9.40	0.00	0.00	1470.11
Jan-2000	1.55	0.13	0.74	0.06	1.17	0.01	-5.67	0.00	0.00	1468.94
Feb-2000	2.52	0.21	4.17	0.35	0.98	3.38	8.14	7.64	0.98	1468.94
Mar-2000	4.03	0.34	1.46	0.12	1.37	0.23	-18.23	4.60	0.00	1467.58
Apr-2000	5.7	0.48	0.46	0.04	1.37	0.00	-36.71	1.02	0.00	1466.21
May-2000	7.75	0.65	0.00	0.00	1.76	0.00	-54.25	0.25	0.00	1464.46
Jun-2000	8.7	0.73	0.21	0.02	2.15	0.00	-59.45	0.06	0.00	1462.31
Jul-2000	9.3	0.78	0.00	0.00	2.34	0.00	-65.10	0.02	0.00	1459.97
Aug-2000	8.37	0.70	0.13	0.01	2.34	0.00	-57.69	0.00	0.00	1457.63
Sep-2000	6.3	0.53	0.30	0.02	1.95	0.00	-42.03	0.00	0.00	1455.68

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2B

Oct-2000	4.34	0.36	0.64	0.05	1.76	0.00	-25.91	0.00	0.00	1453.92
Nov-2000	2.4	0.20	0.39	0.03	1.37	0.00	-14.10	0.00	0.00	1452.56
Dec-2000	1.55	0.13	0.04	0.00	1.17	0.00	-10.58	0.00	0.00	1451.39
Jan-2001	1.55	0.13	2.90	0.24	1.17	1.50	7.94	7.28	0.42	1450.64
Feb-2001	2.52	0.21	4.08	0.34	0.98	3.24	7.71	12.75	21.66	1471.32
Mar-2001	4.03	0.34	1.75	0.15	1.37	0.41	-16.39	18.99	0.00	1469.96
Apr-2001	5.7	0.48	1.44	0.12	1.37	0.22	-30.02	7.24	0.00	1468.59
May-2001	7.75	0.65	0.03	0.00	1.76	0.00	-54.03	2.00	0.00	1466.84
Jun-2001	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.55	0.00	1464.69
Jul-2001	9.3	0.78	0.12	0.01	2.34	0.00	-64.25	0.15	0.00	1462.35
Aug-2001	8.37	0.70	0.00	0.00	2.34	0.00	-58.59	0.05	0.00	1460.01
Sep-2001	6.3	0.53	0.24	0.02	1.95	0.00	-42.43	0.02	0.00	1458.06
Oct-2001	4.34	0.36	0.00	0.00	1.76	0.00	-30.38	0.01	0.00	1456.30
Nov-2001	2.4	0.20	1.10	0.09	1.37	0.08	-9.18	0.01	0.00	1454.94
Dec-2001	1.55	0.13	1.01	0.08	1.17	0.06	-3.84	0.01	0.00	1453.77
Jan-2002	1.55	0.13	0.40	0.03	1.17	0.00	-8.07	0.01	0.00	1452.60
Feb-2002	2.52	0.21	0.12	0.01	0.98	0.00	-16.79	0.01	0.00	1451.62
Mar-2002	4.03	0.34	1.11	0.09	1.37	0.09	-20.52	0.00	0.00	1450.26
Apr-2002	5.7	0.48	0.39	0.03	1.37	0.00	-37.20	0.00	0.00	1448.89
May-2002	7.75	0.65	0.00	0.00	1.76	0.00	-54.25	0.00	0.00	1447.13
Jun-2002	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.00	0.00	1444.99
Jul-2002	9.3	0.78	0.19	0.02	2.34	0.00	-63.79	0.00	0.00	1442.65
Aug-2002	8.37	0.70	0.00	0.00	2.34	0.00	-58.59	0.00	0.00	1440.31
Sep-2002	6.3	0.53	1.15	0.10	1.95	0.10	-36.12	0.00	0.00	1438.36
Oct-2002	4.34	0.36	0.01	0.00	1.76	0.00	-30.30	0.00	0.00	1436.60
Nov-2002	2.4	0.20	1.03	0.09	1.37	0.06	-9.68	0.00	0.00	1435.24
Dec-2002	1.55	0.13	1.84	0.15	1.17	0.47	1.56	1.56	0.00	1434.07
Jan-2003	1.55	0.13	0.18	0.01	1.17	0.00	-9.59	0.95	0.00	1432.89
Feb-2003	2.52	0.21	4.05	0.34	0.98	3.18	7.52	8.02	1.12	1433.04
Mar-2003	4.03	0.34	2.17	0.18	1.37	0.74	-13.75	5.42	0.00	1431.68
Apr-2003	5.7	0.48	1.54	0.13	1.37	0.28	-29.37	1.60	0.00	1430.31
May-2003	7.75	0.65	0.90	0.08	1.76	0.04	-47.98	0.42	0.00	1428.56
Jun-2003	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.10	0.00	1426.41
Jul-2003	9.3	0.78	1.91	0.16	2.34	0.53	-52.25	0.03	0.00	1424.07
Aug-2003	8.37	0.70	1.47	0.12	2.34	0.24	-48.51	0.01	0.00	1421.73
Sep-2003	6.3	0.53	0.37	0.03	1.95	0.00	-41.48	0.01	0.00	1419.78
Oct-2003	4.34	0.36	0.00	0.00	1.76	0.00	-30.38	0.00	0.00	1418.02
Nov-2003	2.4	0.20	0.55	0.05	1.37	0.00	-12.95	0.00	0.00	1416.66
Dec-2003	1.55	0.13	1.25	0.10	1.17	0.13	-2.22	0.00	0.00	1415.49
Jan-2004	1.55	0.13	0.67	0.06	1.17	0.01	-6.13	0.00	0.00	1414.32
Feb-2004	2.52	0.21	4.41	0.37	0.98	3.81	9.43	8.57	4.31	1417.65
Mar-2004	4.03	0.34	0.66	0.05	1.37	0.00	-23.63	4.46	0.00	1416.28
Apr-2004	5.7	0.48	1.32	0.11	1.37	0.16	-30.84	1.22	0.00	1414.91
May-2004	7.75	0.65	0.00	0.00	1.76	0.00	-54.25	0.29	0.00	1413.16
Jun-2004	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.07	0.00	1411.01

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2B

Jul-2004	9.3	0.78	0.14	0.01	2.34	0.00	-64.12	0.02	0.00	1408.67
Aug-2004	8.37	0.70	0.01	0.00	2.34	0.00	-58.51	0.01	0.00	1406.33
Sep-2004	6.3	0.53	0.00	0.00	1.95	0.00	-44.10	0.00	0.00	1404.38
Oct-2004	4.34	0.36	8.51	0.71	1.76	12.98	16.18	12.79	28.66	1431.28
Nov-2004	2.4	0.20	1.07	0.09	1.37	0.08	-9.37	10.35	0.00	1429.92
Dec-2004	1.55	0.13	4.70	0.39	1.17	4.33	17.69	18.27	70.85	1499.60
Jan-2005	1.55	0.13	5.12	0.43	1.17	5.16	19.84	22.22	106.86	1506.00
Feb-2005	2.52	0.21	4.85	0.40	0.98	4.62	11.67	22.85	74.63	1506.00
Mar-2005	4.03	0.34	1.58	0.13	1.37	0.30	-17.43	22.85	0.00	1504.63
Apr-2005	5.7	0.48	0.58	0.05	1.37	0.00	-35.83	7.63	0.00	1503.27
May-2005	7.75	0.65	0.04	0.00	1.76	0.00	-53.98	2.09	0.00	1501.51
Jun-2005	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.55	0.00	1499.37
Jul-2005	9.3	0.78	0.46	0.04	2.34	0.00	-61.85	0.15	0.00	1497.03
Aug-2005	8.37	0.70	2.51	0.21	2.34	1.06	-42.10	0.07	0.00	1494.69
Sep-2005	6.3	0.53	0.01	0.00	1.95	0.00	-44.02	0.03	0.00	1492.74
Oct-2005	4.34	0.36	0.61	0.05	1.76	0.00	-26.10	0.02	0.00	1490.98
Nov-2005	2.4	0.20	0.11	0.01	1.37	0.00	-16.04	0.01	0.00	1489.61
Dec-2005	1.55	0.13	0.00	0.00	1.17	0.00	-10.85	0.01	0.00	1488.44
Jan-2006	1.55	0.13	0.98	0.08	1.17	0.05	-4.08	0.01	0.00	1487.27
Feb-2006	2.52	0.21	1.29	0.11	0.98	0.15	-8.78	0.01	0.00	1486.30
Mar-2006	4.03	0.34	3.34	0.28	1.37	2.08	-6.92	0.01	0.00	1484.93
Apr-2006	5.7	0.48	2.23	0.19	1.37	0.80	-25.08	0.00	0.00	1483.57
May-2006	7.75	0.65	0.22	0.02	1.76	0.00	-52.72	0.00	0.00	1481.81
Jun-2006	8.7	0.73	0.16	0.01	2.15	0.00	-59.81	0.00	0.00	1479.67
Jul-2006	9.3	0.78	0.52	0.04	2.34	0.00	-61.47	0.00	0.00	1477.32
Aug-2006	8.37	0.70	0.03	0.00	2.34	0.00	-58.37	0.00	0.00	1474.98
Sep-2006	6.3	0.53	0.07	0.01	1.95	0.00	-43.61	0.00	0.00	1473.03
Oct-2006	4.34	0.36	0.36	0.03	1.76	0.00	-27.87	0.00	0.00	1471.28
Nov-2006	2.4	0.20	0.17	0.01	1.37	0.00	-15.63	0.00	0.00	1469.91
Dec-2006	1.55	0.13	1.18	0.10	1.17	0.11	-2.69	0.00	0.00	1468.74
Jan-2007	1.55	0.13	0.74	0.06	1.17	0.01	-5.67	0.00	0.00	1467.57
Feb-2007	2.52	0.21	3.05	0.25	0.98	1.69	2.05	2.16	0.00	1466.60
Mar-2007	4.03	0.34	0.22	0.02	1.37	0.00	-26.68	0.68	0.00	1465.23
Apr-2007	5.7	0.48	0.76	0.06	1.37	0.01	-34.59	0.23	0.00	1463.87
May-2007	7.75	0.65	0.04	0.00	1.76	0.00	-53.98	0.06	0.00	1462.11
Jun-2007	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.01	0.00	1459.96
Jul-2007	9.3	0.78	0.18	0.01	2.34	0.00	-63.84	0.00	0.00	1457.62
Aug-2007	8.37	0.70	0.13	0.01	2.34	0.00	-57.69	0.00	0.00	1455.28
Sep-2007	6.3	0.53	0.01	0.00	1.95	0.00	-44.02	0.00	0.00	1453.33
Oct-2007	4.34	0.36	0.17	0.01	1.76	0.00	-29.21	0.00	0.00	1451.58
Nov-2007	2.4	0.20	0.32	0.03	1.37	0.00	-14.56	0.00	0.00	1450.21
Dec-2007	1.55	0.13	2.66	0.22	1.17	1.22	6.52	6.02	0.32	1449.36
Jan-2008	1.55	0.13	7.22	0.60	1.17	9.80	29.91	20.09	113.32	1506.00
Feb-2008	2.52	0.21	2.85	0.24	0.98	1.44	0.90	20.34	9.39	1506.00
Mar-2008	4.03	0.34	0.51	0.04	1.37	0.00	-24.66	21.39	0.00	1504.63

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2B

Apr-2008	5.7	0.48	0.00	0.00	1.37	0.00	-39.90	6.84	0.00	1503.27
May-2008	7.75	0.65	0.26	0.02	1.76	0.00	-52.45	1.97	0.00	1501.51
Jun-2008	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.52	0.00	1499.37
Jul-2008	9.3	0.78	0.00	0.00	2.34	0.00	-65.10	0.14	0.00	1497.03
Aug-2008	8.37	0.70	1.34	0.11	2.34	0.17	-49.40	0.05	0.00	1494.69
Sep-2008	6.3	0.53	0.00	0.00	1.95	0.00	-44.10	0.02	0.00	1492.74
Oct-2008	4.34	0.36	0.00	0.00	1.76	0.00	-30.38	0.01	0.00	1490.98
Nov-2008	2.4	0.20	1.79	0.15	1.37	0.44	-4.73	0.01	0.00	1489.61
Dec-2008	1.55	0.13	6.15	0.51	1.17	7.31	24.86	16.57	54.64	1506.00
Jan-2009	1.55	0.13	0.20	0.02	1.17	0.00	-9.46	14.16	0.00	1504.83
Feb-2009	2.52	0.21	3.66	0.31	0.98	2.56	5.44	16.72	22.85	1506.00
Mar-2009	4.03	0.34	0.09	0.01	1.37	0.00	-27.58	11.04	0.00	1504.63
Apr-2009	5.7	0.48	0.24	0.02	1.37	0.00	-38.23	2.46	0.00	1503.27
May-2009	7.75	0.65	0.00	0.00	1.76	0.00	-54.25	0.60	0.00	1501.51
Jun-2009	8.7	0.73	0.03	0.00	2.15	0.00	-60.68	0.15	0.00	1499.37
Jul-2009	9.3	0.78	0.00	0.00	2.34	0.00	-65.10	0.04	0.00	1497.03
Aug-2009	8.37	0.70	0.00	0.00	2.34	0.00	-58.59	0.01	0.00	1494.69
Sep-2009	6.3	0.53	0.03	0.00	1.95	0.00	-43.88	0.01	0.00	1492.74
Oct-2009	4.34	0.36	0.03	0.00	1.76	0.00	-30.16	0.00	0.00	1490.98
Nov-2009	2.4	0.20	0.69	0.06	1.37	0.01	-11.95	0.00	0.00	1489.61
Dec-2009	1.55	0.13	4.82	0.40	1.17	4.57	18.32	13.73	29.94	1506.00
Jan-2010	1.55	0.13	6.54	0.55	1.17	8.20	26.73	21.51	130.29	1506.00
Feb-2010	2.52	0.21	5.08	0.42	0.98	5.08	12.85	22.85	76.53	1506.00
Mar-2010	4.03	0.34	1.36	0.11	1.37	0.18	-18.89	22.85	0.00	1504.63
Apr-2010	5.7	0.48	2.34	0.19	1.37	0.89	-24.44	10.50	0.00	1503.27
May-2010	7.75	0.65	0.00	0.00	1.76	0.00	-54.25	2.71	0.00	1501.51
Jun-2010	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.70	0.00	1499.37
Jul-2010	9.3	0.78	0.07	0.01	2.34	0.00	-64.61	0.18	0.00	1497.03
Aug-2010	8.37	0.70	0.00	0.00	2.34	0.00	-58.59	0.06	0.00	1494.69
Sep-2010	6.3	0.53	0.08	0.01	1.95	0.00	-43.55	0.02	0.00	1492.74
Oct-2010	4.34	0.36	3.20	0.27	1.76	1.88	-9.88	0.02	0.00	1490.98
Nov-2010	2.4	0.20	1.18	0.10	1.37	0.11	-8.66	0.02	0.00	1489.61
Dec-2010	1.55	0.13	8.15	0.68	1.17	12.07	34.11	19.35	100.86	1506.00
Jan-2011	1.55	0.13	0.24	0.02	1.17	0.00	-9.18	17.59	0.00	1504.83
Feb-2011	2.52	0.21	4.89	0.41	0.98	4.70	11.87	20.78	67.72	1506.00
Mar-2011	4.03	0.34	1.63	0.14	1.37	0.33	-17.13	17.34	0.00	1504.63
Apr-2011	5.7	0.48	0.39	0.03	1.37	0.00	-37.20	4.91	0.00	1503.27
May-2011	7.75	0.65	0.71	0.06	1.76	0.01	-49.26	1.38	0.00	1501.51
Jun-2011	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.34	0.00	1499.37
Jul-2011	9.3	0.78	0.22	0.02	2.34	0.00	-63.57	0.09	0.00	1497.03
Aug-2011	8.37	0.70	1.27	0.11	2.34	0.14	-49.86	0.03	0.00	1494.69
Sep-2011	6.3	0.53	0.22	0.02	1.95	0.00	-42.57	0.01	0.00	1492.74
Oct-2011	4.34	0.36	0.64	0.05	1.76	0.00	-25.93	0.01	0.00	1490.98
Nov-2011	2.4	0.20	3.36	0.28	1.37	2.11	4.62	4.53	0.06	1489.68
Dec-2011	1.55	0.13	1.61	0.13	1.17	0.32	0.08	4.76	0.00	1488.51

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 2B

Jan-2012	1.55	0.13	0.73	0.06	1.17	0.01	-5.78	3.49	0.00	1487.34
Feb-2012	2.52	0.21	2.00	0.17	0.98	0.60	-4.26	2.91	0.00	1486.36
Mar-2012	4.03	0.34	2.86	0.24	1.37	1.45	-9.65	2.01	0.00	1484.99
Apr-2012	5.7	0.48	2.83	0.24	1.37	1.41	-21.52	0.97	0.00	1483.63
May-2012	7.75	0.65	0.00	0.00	1.76	0.00	-54.25	0.22	0.00	1481.87
Jun-2012	8.7	0.73	0.00	0.00	2.15	0.00	-60.90	0.05	0.00	1479.73

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0	0.00	11.11	0.00	-65.10	22.85	0.00	1494.89
Aug-1982	8.37	0.70	0.68	0.06	11.11	0.01	-53.84	4.85	0.00	1483.78
Sep-1982	6.3	0.53	0.32	0.03	10.33	0.00	-41.86	1.83	0.00	1473.45
Oct-1982	4.34	0.36	0	0.00	9.94	0.00	-30.38	0.93	0.00	1463.51
Nov-1982	2.4	0.20	0.71	0.06	9.16	0.01	-11.84	0.72	0.00	1454.35
Dec-1982	1.55	0.13	0	0.00	8.77	0.00	-10.85	0.57	0.00	1445.57
Jan-1983	1.55	0.13	1.92	0.16	8.77	0.53	2.06	2.62	0.01	1436.81
Feb-1983	2.52	0.21	3.35	0.28	8.39	2.09	3.72	6.26	0.05	1428.47
Mar-1983	4.03	0.34	8.32	0.69	9.16	12.51	17.52	16.76	57.63	1476.93
Apr-1983	5.7	0.48	1.36	0.11	10.18	0.18	-30.56	13.44	0.00	1466.76
May-1983	7.75	0.65	0.12	0.01	13.07	0.00	-53.41	1.99	0.00	1453.68
Jun-1983	8.7	0.73	0	0.00	7.29	0.00	-60.90	0.41	0.00	1446.40
Jul-1983	9.3	0.78	0	0.00	3.74	0.00	-65.10	0.09	0.00	1442.66
Aug-1983	8.37	0.70	1.18	0.10	3.69	0.11	-50.44	0.03	0.00	1438.97
Sep-1983	6.3	0.53	0.95	0.08	3.69	0.05	-37.50	0.01	0.00	1435.28
Oct-1983	4.34	0.36	1.06	0.09	4.40	0.07	-23.03	0.01	0.00	1430.88
Nov-1983	2.4	0.20	1.42	0.12	3.76	0.21	-7.07	0.01	0.00	1427.12
Dec-1983	1.55	0.13	0	0.00	4.17	0.00	-10.85	0.01	0.00	1422.95
Jan-1984	1.55	0.13	0.24	0.02	3.99	0.00	-9.17	0.01	0.00	1418.96
Feb-1984	2.52	0.21	0	0.00	3.76	0.00	-17.64	0.00	0.00	1415.20
Mar-1984	4.03	0.34	0.04	0.00	3.69	0.00	-27.93	0.00	0.00	1411.52
Apr-1984	5.7	0.48	0.12	0.01	2.72	0.00	-39.06	0.00	0.00	1408.79
May-1984	7.75	0.65	0	0.00	3.63	0.00	-54.25	0.00	0.00	1405.17
Jun-1984	8.7	0.73	0.12	0.01	5.18	0.00	-60.06	0.00	0.00	1399.99
Jul-1984	9.3	0.78	2.8	0.23	5.57	1.38	-46.88	0.00	0.00	1394.41
Aug-1984	8.37	0.70	0	0.00	5.57	0.00	-58.59	0.00	0.00	1388.84
Sep-1984	6.3	0.53	0	0.00	4.79	0.00	-44.10	0.00	0.00	1384.05
Oct-1984	4.34	0.36	0.04	0.00	4.40	0.00	-30.10	0.00	0.00	1379.65
Nov-1984	2.4	0.20	0.83	0.07	3.63	0.02	-11.01	0.00	0.00	1376.02
Dec-1984	1.55	0.13	3.62	0.30	3.24	2.49	12.00	10.37	8.51	1381.29
Jan-1985	1.55	0.13	0.98	0.08	3.24	0.05	-4.04	8.98	0.00	1378.06
Feb-1985	2.52	0.21	0	0.00	2.85	0.00	-17.64	4.10	0.00	1375.21
Mar-1985	4.03	0.34	0	0.00	3.63	0.00	-28.21	1.64	0.00	1371.58
Apr-1985	5.7	0.48	0	0.00	3.63	0.00	-39.90	0.58	0.00	1367.96
May-1985	7.75	0.65	0	0.00	4.40	0.00	-54.25	0.16	0.00	1363.55
Jun-1985	8.7	0.73	0.04	0.00	5.18	0.00	-60.62	0.04	0.00	1358.37
Jul-1985	9.3	0.78	1.1	0.09	5.57	0.08	-57.48	0.01	0.00	1352.80
Aug-1985	8.37	0.70	0	0.00	5.57	0.00	-58.59	0.00	0.00	1347.23
Sep-1985	6.3	0.53	0.51	0.04	4.79	0.00	-40.53	0.00	0.00	1342.44

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3

Oct-1985	4.34	0.36	0.47	0.04	4.40	0.00	-27.09	0.00	0.00	1338.03
Nov-1985	2.4	0.20	3.51	0.29	3.63	2.32	5.45	5.26	0.12	1334.53
Dec-1985	1.55	0.13	0.39	0.03	3.24	0.00	-8.12	3.54	0.00	1331.29
Jan-1986	1.55	0.13	0.51	0.04	3.24	0.00	-7.28	2.50	0.00	1328.06
Feb-1986	2.52	0.21	2.25	0.19	2.85	0.81	-2.70	2.28	0.00	1325.21
Mar-1986	4.03	0.34	2.21	0.18	3.63	0.78	-13.52	1.41	0.00	1321.58
Apr-1986	5.7	0.48	0.04	0.00	3.63	0.00	-39.62	0.44	0.00	1317.96
May-1986	7.75	0.65	0	0.00	4.40	0.00	-54.25	0.11	0.00	1313.55
Jun-1986	8.7	0.73	0	0.00	5.18	0.00	-60.90	0.03	0.00	1308.37
Jul-1986	9.3	0.78	0	0.00	5.57	0.00	-65.10	0.01	0.00	1302.80
Aug-1986	8.37	0.70	0.16	0.01	5.57	0.00	-57.47	0.00	0.00	1297.23
Sep-1986	6.3	0.53	0	0.00	4.79	0.00	-44.10	0.00	0.00	1292.44
Oct-1986	4.34	0.36	0	0.00	4.40	0.00	-30.38	0.00	0.00	1288.03
Nov-1986	2.4	0.20	0.67	0.06	3.63	0.01	-12.12	0.00	0.00	1284.41
Dec-1986	1.55	0.13	0.43	0.04	3.24	0.00	-7.84	0.00	0.00	1281.17
Jan-1987	1.55	0.13	1.5	0.13	3.24	0.25	-0.60	0.00	0.00	1277.94
Feb-1987	2.52	0.21	0.63	0.05	2.85	0.00	-13.23	0.00	0.00	1275.09
Mar-1987	4.03	0.34	0	0.00	3.63	0.00	-28.21	0.00	0.00	1271.46
Apr-1987	5.7	0.48	0.16	0.01	3.63	0.00	-38.78	0.00	0.00	1267.84
May-1987	7.75	0.65	0.12	0.01	3.50	0.00	-53.41	0.00	0.00	1264.34
Jun-1987	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.00	0.00	1260.06
Jul-1987	9.3	0.78	0	0.00	4.67	0.00	-65.10	0.00	0.00	1255.39
Aug-1987	8.37	0.70	0	0.00	4.67	0.00	-58.59	0.00	0.00	1250.72
Sep-1987	6.3	0.53	0.39	0.03	3.89	0.00	-41.37	0.00	0.00	1246.83
Oct-1987	4.34	0.36	0	0.00	3.50	0.00	-30.38	0.00	0.00	1243.33
Nov-1987	2.4	0.20	0.91	0.08	2.72	0.04	-10.47	0.00	0.00	1240.60
Dec-1987	1.55	0.13	1.69	0.14	2.33	0.37	0.61	0.66	0.00	1238.27
Jan-1988	1.55	0.13	2.6	0.22	2.33	1.16	6.19	6.39	0.30	1236.23
Feb-1988	2.52	0.21	2.09	0.17	1.95	0.67	-3.68	11.95	0.00	1234.29
Mar-1988	4.03	0.34	0.43	0.04	2.72	0.00	-25.20	5.95	0.00	1231.56
Apr-1988	5.7	0.48	1.38	0.12	2.72	0.19	-30.43	3.04	0.00	1228.84
May-1988	7.75	0.65	0	0.00	3.50	0.00	-54.25	1.01	0.00	1225.34
Jun-1988	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.30	0.00	1221.06
Jul-1988	9.3	0.78	0.24	0.02	4.67	0.00	-63.42	0.09	0.00	1216.39
Aug-1988	8.37	0.70	0.79	0.07	4.67	0.02	-53.08	0.03	0.00	1211.72
Sep-1988	6.3	0.53	0.32	0.03	3.89	0.00	-41.86	0.01	0.00	1207.83
Oct-1988	4.34	0.36	0	0.00	3.50	0.00	-30.38	0.01	0.00	1204.33
Nov-1988	2.4	0.20	0.47	0.04	2.72	0.00	-13.51	0.01	0.00	1201.61
Dec-1988	1.55	0.13	1.18	0.10	2.33	0.11	-2.70	0.01	0.00	1199.27
Jan-1989	1.55	0.13	0.59	0.05	2.33	0.00	-6.72	0.01	0.00	1196.94
Feb-1989	2.52	0.21	0.04	0.00	1.95	0.00	-17.36	0.00	0.00	1194.99
Mar-1989	4.03	0.34	0	0.00	2.72	0.00	-28.21	0.00	0.00	1192.27
Apr-1989	5.7	0.48	0	0.00	2.72	0.00	-39.90	0.00	0.00	1189.55
May-1989	7.75	0.65	0.12	0.01	3.50	0.00	-53.41	0.00	0.00	1186.04
Jun-1989	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.00	0.00	1181.76

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3

Jul-1989	9.3	0.78	0.35	0.03	4.67	0.00	-62.65	0.00	0.00	1177.10
Aug-1989	8.37	0.70	0.87	0.07	4.67	0.03	-52.53	0.00	0.00	1172.43
Sep-1989	6.3	0.53	0	0.00	3.89	0.00	-44.10	0.00	0.00	1168.54
Oct-1989	4.34	0.36	1.62	0.14	3.50	0.32	-19.36	0.00	0.00	1165.03
Nov-1989	2.4	0.20	0.08	0.01	2.72	0.00	-16.24	0.00	0.00	1162.31
Dec-1989	1.55	0.13	0.12	0.01	2.33	0.00	-10.01	0.00	0.00	1159.98
Jan-1990	1.55	0.13	1.82	0.15	2.33	0.46	1.43	1.43	0.00	1157.64
Feb-1990	2.52	0.21	0.71	0.06	1.95	0.01	-12.68	0.77	0.00	1155.70
Mar-1990	4.03	0.34	0.55	0.05	2.72	0.00	-24.36	0.32	0.00	1152.97
Apr-1990	5.7	0.48	0.75	0.06	2.72	0.01	-34.66	0.12	0.00	1150.25
May-1990	7.75	0.65	0.32	0.03	3.50	0.00	-52.01	0.04	0.00	1146.75
Jun-1990	8.7	0.73	2.76	0.23	4.28	1.33	-42.91	0.01	0.00	1142.47
Jul-1990	9.3	0.78	0	0.00	4.67	0.00	-65.10	0.00	0.00	1137.80
Aug-1990	8.37	0.70	0	0.00	4.67	0.00	-58.59	0.00	0.00	1133.13
Sep-1990	6.3	0.53	0.16	0.01	3.89	0.00	-42.98	0.00	0.00	1129.24
Oct-1990	4.34	0.36	0.16	0.01	3.50	0.00	-29.26	0.00	0.00	1125.74
Nov-1990	2.4	0.20	0.43	0.04	2.72	0.00	-13.79	0.00	0.00	1123.01
Dec-1990	1.55	0.13	0.59	0.05	2.33	0.00	-6.72	0.00	0.00	1120.68
Jan-1991	1.55	0.13	1.06	0.09	2.33	0.07	-3.50	0.00	0.00	1118.35
Feb-1991	2.52	0.21	3.23	0.27	1.95	1.93	3.04	3.05	0.00	1116.40
Mar-1991	4.03	0.34	5.91	0.49	2.72	6.80	6.36	8.71	10.47	1124.15
Apr-1991	5.7	0.48	0	0.00	2.72	0.00	-39.90	10.25	0.00	1121.43
May-1991	7.75	0.65	0.04	0.00	3.50	0.00	-53.97	2.91	0.00	1117.93
Jun-1991	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.87	0.00	1113.65
Jul-1991	9.3	0.78	0.2	0.02	4.67	0.00	-63.70	0.26	0.00	1108.98
Aug-1991	8.37	0.70	0.32	0.03	4.67	0.00	-56.35	0.09	0.00	1104.31
Sep-1991	6.3	0.53	0.43	0.04	3.89	0.00	-41.09	0.04	0.00	1100.42
Oct-1991	4.34	0.36	0.43	0.04	3.50	0.00	-27.37	0.02	0.00	1096.92
Nov-1991	2.4	0.20	0.16	0.01	2.72	0.00	-15.68	0.02	0.00	1094.19
Dec-1991	1.55	0.13	2.36	0.20	2.33	0.92	4.75	4.46	0.20	1092.06
Jan-1992	1.55	0.13	1.85	0.15	2.33	0.48	1.62	6.01	0.04	1089.76
Feb-1992	2.52	0.21	3.31	0.28	1.95	2.04	3.49	9.09	5.62	1093.44
Mar-1992	4.03	0.34	4.73	0.39	2.72	4.40	0.50	9.92	7.90	1098.62
Apr-1992	5.7	0.48	0.47	0.04	2.72	0.00	-36.61	3.81	0.00	1095.90
May-1992	7.75	0.65	0.63	0.05	3.50	0.00	-49.84	0.60	0.00	1092.39
Jun-1992	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.14	0.00	1088.11
Jul-1992	9.3	0.78	0.75	0.06	4.67	0.01	-59.86	0.04	0.00	1083.45
Aug-1992	8.37	0.70	1.69	0.14	4.67	0.37	-47.13	0.01	0.00	1078.78
Sep-1992	6.3	0.53	0	0.00	3.89	0.00	-44.10	0.01	0.00	1074.89
Oct-1992	4.34	0.36	0.28	0.02	3.50	0.00	-28.42	0.00	0.00	1071.38
Nov-1992	2.4	0.20	0.08	0.01	2.72	0.00	-16.24	0.00	0.00	1068.66
Dec-1992	1.55	0.13	2.76	0.23	2.33	1.33	7.14	6.57	0.36	1066.69
Jan-1993	1.55	0.13	9.89	0.82	2.33	16.63	41.75	22.01	179.37	1243.72
Feb-1993	2.52	0.21	5.24	0.44	1.95	5.39	13.65	22.85	85.69	1327.47
Mar-1993	4.03	0.34	0.79	0.07	2.72	0.02	-22.70	22.85	0.00	1324.74

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3

Apr-1993	5.7	0.48	0	0.00	2.72	0.00	-39.90	6.87	0.00	1322.02
May-1993	7.75	0.65	0.2	0.02	3.50	0.00	-52.85	1.95	0.00	1318.52
Jun-1993	8.7	0.73	0.2	0.02	4.28	0.00	-59.50	0.53	0.00	1314.24
Jul-1993	9.3	0.78	0	0.00	4.67	0.00	-65.10	0.14	0.00	1309.57
Aug-1993	8.37	0.70	0	0.00	4.67	0.00	-58.59	0.04	0.00	1304.90
Sep-1993	6.3	0.53	0	0.00	3.89	0.00	-44.10	0.02	0.00	1301.01
Oct-1993	4.34	0.36	0.08	0.01	3.50	0.00	-29.82	0.01	0.00	1297.51
Nov-1993	2.4	0.20	1.3	0.11	2.72	0.15	-7.85	0.01	0.00	1294.79
Dec-1993	1.55	0.13	0.63	0.05	2.33	0.00	-6.44	0.01	0.00	1292.45
Jan-1994	1.55	0.13	1.02	0.09	2.33	0.06	-3.77	0.01	0.00	1290.12
Feb-1994	2.52	0.21	3.7	0.31	1.95	2.61	5.65	5.47	0.12	1288.29
Mar-1994	4.03	0.34	2.32	0.19	2.72	0.88	-12.85	3.07	0.00	1285.56
Apr-1994	5.7	0.48	0.75	0.06	2.72	0.01	-34.66	0.88	0.00	1282.84
May-1994	7.75	0.65	0.08	0.01	3.50	0.00	-53.69	0.21	0.00	1279.34
Jun-1994	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.05	0.00	1275.06
Jul-1994	9.3	0.78	0	0.00	4.67	0.00	-65.10	0.01	0.00	1270.39
Aug-1994	8.37	0.70	1.69	0.14	4.67	0.37	-47.13	0.00	0.00	1265.72
Sep-1994	6.3	0.53	0.39	0.03	3.89	0.00	-41.37	0.00	0.00	1261.83
Oct-1994	4.34	0.36	0.04	0.00	3.50	0.00	-30.10	0.00	0.00	1258.33
Nov-1994	2.4	0.20	0.47	0.04	2.72	0.00	-13.51	0.00	0.00	1255.61
Dec-1994	1.55	0.13	1.65	0.14	2.33	0.34	0.36	0.45	0.00	1253.27
Jan-1995	1.55	0.13	6.5	0.54	2.33	8.11	26.54	17.48	63.47	1314.41
Feb-1995	2.52	0.21	3.15	0.26	1.95	1.82	2.59	18.18	17.91	1330.38
Mar-1995	4.03	0.34	3.66	0.31	2.72	2.55	-5.14	18.89	0.00	1327.65
Apr-1995	5.7	0.48	0.55	0.05	2.72	0.00	-36.05	5.65	0.00	1324.93
May-1995	7.75	0.65	0.79	0.07	3.50	0.02	-48.74	1.57	0.00	1321.43
Jun-1995	8.7	0.73	0.2	0.02	4.28	0.00	-59.50	0.38	0.00	1317.15
Jul-1995	9.3	0.78	0.04	0.00	4.67	0.00	-64.82	0.09	0.00	1312.48
Aug-1995	8.37	0.70	0.55	0.05	4.67	0.00	-54.74	0.03	0.00	1307.81
Sep-1995	6.3	0.53	0.47	0.04	3.89	0.00	-40.81	0.01	0.00	1303.92
Oct-1995	4.34	0.36	0	0.00	3.50	0.00	-30.38	0.01	0.00	1300.42
Nov-1995	2.4	0.20	0	0.00	2.72	0.00	-16.80	0.00	0.00	1297.70
Dec-1995	1.55	0.13	0.28	0.02	2.33	0.00	-8.89	0.00	0.00	1295.36
Jan-1996	1.55	0.13	1.18	0.10	2.33	0.11	-2.70	0.00	0.00	1293.03
Feb-1996	2.52	0.21	5.16	0.43	1.95	5.23	13.25	11.32	14.15	1305.23
Mar-1996	4.03	0.34	1.58	0.13	2.72	0.30	-17.45	6.54	0.00	1302.51
Apr-1996	5.7	0.48	0.08	0.01	2.72	0.00	-39.34	1.52	0.00	1299.78
May-1996	7.75	0.65	0.16	0.01	3.50	0.00	-53.13	0.39	0.00	1296.28
Jun-1996	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.10	0.00	1292.00
Jul-1996	9.3	0.78	0.04	0.00	4.67	0.00	-64.82	0.02	0.00	1287.33
Aug-1996	8.37	0.70	0	0.00	4.67	0.00	-58.59	0.01	0.00	1282.66
Sep-1996	6.3	0.53	0.16	0.01	3.89	0.00	-42.98	0.00	0.00	1278.77
Oct-1996	4.34	0.36	0.87	0.07	3.50	0.03	-24.32	0.00	0.00	1275.27
Nov-1996	2.4	0.20	0.87	0.07	2.72	0.03	-10.74	0.00	0.00	1272.55
Dec-1996	1.55	0.13	1.42	0.12	2.33	0.21	-1.12	0.00	0.00	1270.21

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3

Jan-1997	1.55	0.13	3.58	0.30	2.33	2.43	11.78	10.22	7.94	1275.82
Feb-1997	2.52	0.21	1.02	0.09	1.95	0.06	-10.56	7.19	0.00	1273.88
Mar-1997	4.03	0.34	0.04	0.00	2.72	0.00	-27.93	2.32	0.00	1271.15
Apr-1997	5.7	0.48	0.43	0.04	2.72	0.00	-36.89	0.82	0.00	1268.43
May-1997	7.75	0.65	0	0.00	3.50	0.00	-54.25	0.22	0.00	1264.93
Jun-1997	8.7	0.73	0.55	0.05	4.28	0.00	-57.05	0.06	0.00	1260.65
Jul-1997	9.3	0.78	0.08	0.01	4.67	0.00	-64.54	0.02	0.00	1255.98
Aug-1997	8.37	0.70	0	0.00	4.67	0.00	-58.59	0.00	0.00	1251.31
Sep-1997	6.3	0.53	1.97	0.16	3.89	0.57	-30.88	0.00	0.00	1247.42
Oct-1997	4.34	0.36	0.08	0.01	3.50	0.00	-29.82	0.00	0.00	1243.92
Nov-1997	2.4	0.20	1.38	0.12	2.72	0.19	-7.33	0.00	0.00	1241.19
Dec-1997	1.55	0.13	2.68	0.22	2.33	1.24	6.67	6.15	0.33	1239.19
Jan-1998	1.55	0.13	1.42	0.12	2.33	0.21	-1.12	5.83	0.00	1236.86
Feb-1998	2.52	0.21	7.76	0.65	1.95	11.10	25.58	18.80	92.28	1327.19
Mar-1998	4.03	0.34	3.66	0.31	2.72	2.55	-5.14	21.35	0.00	1324.47
Apr-1998	5.7	0.48	1.69	0.14	2.72	0.37	-28.44	8.66	0.00	1321.75
May-1998	7.75	0.65	1.3	0.11	3.50	0.15	-45.30	2.84	0.00	1318.24
Jun-1998	8.7	0.73	0.04	0.00	4.28	0.00	-60.62	0.75	0.00	1313.96
Jul-1998	9.3	0.78	0.08	0.01	4.67	0.00	-64.54	0.20	0.00	1309.30
Aug-1998	8.37	0.70	1.65	0.14	4.67	0.34	-47.38	0.08	0.00	1304.63
Sep-1998	6.3	0.53	0.32	0.03	3.89	0.00	-41.86	0.03	0.00	1300.74
Oct-1998	4.34	0.36	0.04	0.00	3.50	0.00	-30.10	0.02	0.00	1297.23
Nov-1998	2.4	0.20	1.38	0.12	2.72	0.19	-7.33	0.02	0.00	1294.51
Dec-1998	1.55	0.13	1.42	0.12	2.33	0.21	-1.12	0.02	0.00	1292.18
Jan-1999	1.55	0.13	1.58	0.13	2.33	0.30	-0.09	0.13	0.00	1289.84
Feb-1999	2.52	0.21	0.87	0.07	1.95	0.03	-11.58	0.08	0.00	1287.90
Mar-1999	4.03	0.34	0.71	0.06	2.72	0.01	-23.25	0.03	0.00	1285.17
Apr-1999	5.7	0.48	1.73	0.14	2.72	0.40	-28.19	0.01	0.00	1282.45
May-1999	7.75	0.65	0.2	0.02	3.50	0.00	-52.85	0.00	0.00	1278.95
Jun-1999	8.7	0.73	0.32	0.03	4.28	0.00	-58.66	0.00	0.00	1274.67
Jul-1999	9.3	0.78	0.87	0.07	4.67	0.03	-59.04	0.00	0.00	1270.00
Aug-1999	8.37	0.70	0	0.00	4.67	0.00	-58.59	0.00	0.00	1265.33
Sep-1999	6.3	0.53	0.08	0.01	3.89	0.00	-43.54	0.00	0.00	1261.44
Oct-1999	4.34	0.36	0.2	0.02	3.50	0.00	-28.98	0.00	0.00	1257.94
Nov-1999	2.4	0.20	0.04	0.00	2.72	0.00	-16.52	0.00	0.00	1255.21
Dec-1999	1.55	0.13	0.2	0.02	2.33	0.00	-9.45	0.00	0.00	1252.88
Jan-2000	1.55	0.13	0.71	0.06	2.33	0.01	-5.89	0.00	0.00	1250.55
Feb-2000	2.52	0.21	3.58	0.30	1.95	2.43	4.99	4.88	0.07	1248.67
Mar-2000	4.03	0.34	1.14	0.10	2.72	0.09	-20.32	2.01	0.00	1245.95
Apr-2000	5.7	0.48	0.55	0.05	2.72	0.00	-36.05	0.59	0.00	1243.22
May-2000	7.75	0.65	0.04	0.00	3.50	0.00	-53.97	0.15	0.00	1239.72
Jun-2000	8.7	0.73	0.28	0.02	4.28	0.00	-58.94	0.04	0.00	1235.44
Jul-2000	9.3	0.78	0	0.00	4.67	0.00	-65.10	0.01	0.00	1230.77
Aug-2000	8.37	0.70	0.79	0.07	4.67	0.02	-53.08	0.00	0.00	1226.10
Sep-2000	6.3	0.53	0.16	0.01	3.89	0.00	-42.98	0.00	0.00	1222.21

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3

Oct-2000	4.34	0.36	0.67	0.06	3.50	0.01	-25.70	0.00	0.00	1218.71
Nov-2000	2.4	0.20	0.28	0.02	2.72	0.00	-14.84	0.00	0.00	1215.99
Dec-2000	1.55	0.13	0.08	0.01	2.33	0.00	-10.29	0.00	0.00	1213.65
Jan-2001	1.55	0.13	1.69	0.14	2.33	0.37	0.61	0.66	0.00	1211.32
Feb-2001	2.52	0.21	2.56	0.21	1.95	1.11	-0.83	0.78	0.00	1209.37
Mar-2001	4.03	0.34	0.87	0.07	2.72	0.03	-22.15	0.30	0.00	1206.65
Apr-2001	5.7	0.48	1.02	0.09	2.72	0.06	-32.82	0.10	0.00	1203.93
May-2001	7.75	0.65	0	0.00	3.50	0.00	-54.25	0.03	0.00	1200.43
Jun-2001	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.01	0.00	1196.15
Jul-2001	9.3	0.78	0.04	0.00	4.67	0.00	-64.82	0.00	0.00	1191.48
Aug-2001	8.37	0.70	0	0.00	4.67	0.00	-58.59	0.00	0.00	1186.81
Sep-2001	6.3	0.53	2.44	0.20	3.89	0.99	-28.01	0.00	0.00	1182.92
Oct-2001	4.34	0.36	0	0.00	3.50	0.00	-30.38	0.00	0.00	1179.42
Nov-2001	2.4	0.20	0.59	0.05	2.72	0.00	-12.67	0.00	0.00	1176.69
Dec-2001	1.55	0.13	1.1	0.09	2.33	0.08	-3.23	0.00	0.00	1174.36
Jan-2002	1.55	0.13	0.32	0.03	2.33	0.00	-8.61	0.00	0.00	1172.02
Feb-2002	2.52	0.21	0.16	0.01	1.95	0.00	-16.52	0.00	0.00	1170.08
Mar-2002	4.03	0.34	0.67	0.06	2.72	0.01	-23.53	0.00	0.00	1167.36
Apr-2002	5.7	0.48	0.43	0.04	2.72	0.00	-36.89	0.00	0.00	1164.63
May-2002	7.75	0.65	0	0.00	3.50	0.00	-54.25	0.00	0.00	1161.13
Jun-2002	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.00	0.00	1156.85
Jul-2002	9.3	0.78	0	0.00	4.67	0.00	-65.10	0.00	0.00	1152.18
Aug-2002	8.37	0.70	0	0.00	4.67	0.00	-58.59	0.00	0.00	1147.51
Sep-2002	6.3	0.53	0.95	0.08	3.89	0.05	-37.50	0.00	0.00	1143.62
Oct-2002	4.34	0.36	0.16	0.01	3.50	0.00	-29.26	0.00	0.00	1140.12
Nov-2002	2.4	0.20	1.46	0.12	2.72	0.23	-6.81	0.00	0.00	1137.40
Dec-2002	1.55	0.13	1.38	0.12	2.33	0.19	-1.38	0.00	0.00	1135.06
Jan-2003	1.55	0.13	0.16	0.01	2.33	0.00	-9.73	0.00	0.00	1132.73
Feb-2003	2.52	0.21	3.62	0.30	1.95	2.49	5.21	5.08	0.09	1130.87
Mar-2003	4.03	0.34	1.42	0.12	2.72	0.21	-18.48	2.24	0.00	1128.14
Apr-2003	5.7	0.48	1.5	0.13	2.72	0.25	-29.65	0.79	0.00	1125.42
May-2003	7.75	0.65	0.83	0.07	3.50	0.02	-48.46	0.22	0.00	1121.92
Jun-2003	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.05	0.00	1117.64
Jul-2003	9.3	0.78	0.2	0.02	4.67	0.00	-63.70	0.01	0.00	1112.97
Aug-2003	8.37	0.70	1.93	0.16	4.67	0.54	-45.62	0.01	0.00	1108.30
Sep-2003	6.3	0.53	0.04	0.00	3.89	0.00	-43.82	0.00	0.00	1104.41
Oct-2003	4.34	0.36	0	0.00	3.50	0.00	-30.38	0.00	0.00	1100.91
Nov-2003	2.4	0.20	0.55	0.05	2.72	0.00	-12.95	0.00	0.00	1098.19
Dec-2003	1.55	0.13	1.5	0.13	2.33	0.25	-0.60	0.00	0.00	1095.85
Jan-2004	1.55	0.13	0.59	0.05	2.33	0.00	-6.72	0.00	0.00	1093.52
Feb-2004	2.52	0.21	3.66	0.31	1.95	2.55	5.43	5.27	0.10	1091.67
Mar-2004	4.03	0.34	1.54	0.13	2.72	0.28	-17.71	2.40	0.00	1088.95
Apr-2004	5.7	0.48	0.66	0.06	2.72	0.00	-35.28	0.71	0.00	1086.23
May-2004	7.75	0.65	0	0.00	3.50	0.00	-54.25	0.17	0.00	1082.72
Jun-2004	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.04	0.00	1078.44

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3

Jul-2004	9.3	0.78	0.24	0.02	4.67	0.00	-63.42	0.01	0.00	1073.77
Aug-2004	8.37	0.70	0.51	0.04	4.67	0.00	-55.02	0.00	0.00	1069.11
Sep-2004	6.3	0.53	0.04	0.00	3.89	0.00	-43.82	0.00	0.00	1065.22
Oct-2004	4.34	0.36	6.58	0.55	3.50	8.29	7.39	7.15	3.52	1065.23
Nov-2004	2.4	0.20	0.67	0.06	2.72	0.01	-12.12	4.98	0.00	1062.51
Dec-2004	1.55	0.13	4.14	0.35	2.33	3.33	14.80	14.70	43.02	1103.19
Jan-2005	1.55	0.13	3.55	0.30	2.33	2.38	11.62	18.77	54.55	1155.41
Feb-2005	2.52	0.21	4.18	0.35	1.95	3.40	8.22	22.85	48.12	1201.59
Mar-2005	4.03	0.34	1.02	0.09	2.72	0.06	-21.13	20.37	0.00	1198.86
Apr-2005	5.7	0.48	0.39	0.03	2.72	0.00	-37.17	6.15	0.00	1196.14
May-2005	7.75	0.65	0.04	0.00	3.50	0.00	-53.97	1.59	0.00	1192.64
Jun-2005	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.40	0.00	1188.36
Jul-2005	9.3	0.78	0.55	0.05	4.67	0.00	-61.25	0.11	0.00	1183.69
Aug-2005	8.37	0.70	3.19	0.27	4.67	1.87	-38.13	0.05	0.00	1179.02
Sep-2005	6.3	0.53	0.08	0.01	3.89	0.00	-43.54	0.02	0.00	1175.13
Oct-2005	4.34	0.36	0.59	0.05	3.50	0.00	-26.25	0.01	0.00	1171.63
Nov-2005	2.4	0.20	0.04	0.00	2.72	0.00	-16.52	0.01	0.00	1168.90
Dec-2005	1.55	0.13	0.12	0.01	2.33	0.00	-10.01	0.01	0.00	1166.57
Jan-2006	1.55	0.13	0.51	0.04	2.33	0.00	-7.28	0.01	0.00	1164.24
Feb-2006	2.52	0.21	1.06	0.09	1.95	0.07	-10.29	0.01	0.00	1162.29
Mar-2006	4.03	0.34	2.64	0.22	2.72	1.20	-10.93	0.00	0.00	1159.57
Apr-2006	5.7	0.48	1.73	0.14	2.72	0.40	-28.19	0.00	0.00	1156.84
May-2006	7.75	0.65	0.08	0.01	3.50	0.00	-53.69	0.00	0.00	1153.34
Jun-2006	8.7	0.73	0.16	0.01	4.28	0.00	-59.78	0.00	0.00	1149.06
Jul-2006	9.3	0.78	0.35	0.03	4.67	0.00	-62.65	0.00	0.00	1144.39
Aug-2006	8.37	0.70	0.08	0.01	4.67	0.00	-58.03	0.00	0.00	1139.72
Sep-2006	6.3	0.53	0.04	0.00	3.89	0.00	-43.82	0.00	0.00	1135.83
Oct-2006	4.34	0.36	0.24	0.02	3.50	0.00	-28.70	0.00	0.00	1132.33
Nov-2006	2.4	0.20	0.08	0.01	2.72	0.00	-16.24	0.00	0.00	1129.61
Dec-2006	1.55	0.13	0.79	0.07	2.33	0.02	-5.34	0.00	0.00	1127.27
Jan-2007	1.55	0.13	0.35	0.03	2.33	0.00	-8.40	0.00	0.00	1124.94
Feb-2007	2.52	0.21	1.3	0.11	1.95	0.15	-8.69	0.00	0.00	1122.99
Mar-2007	4.03	0.34	0.39	0.03	2.72	0.00	-25.48	0.00	0.00	1120.27
Apr-2007	5.7	0.48	0.32	0.03	2.72	0.00	-37.66	0.00	0.00	1117.55
May-2007	7.75	0.65	0	0.00	3.50	0.00	-54.25	0.00	0.00	1114.05
Jun-2007	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.00	0.00	1109.77
Jul-2007	9.3	0.78	0	0.00	4.67	0.00	-65.10	0.00	0.00	1105.10
Aug-2007	8.37	0.70	0	0.00	4.67	0.00	-58.59	0.00	0.00	1100.43
Sep-2007	6.3	0.53	0.16	0.01	3.89	0.00	-42.98	0.00	0.00	1096.54
Oct-2007	4.34	0.36	0.16	0.01	3.50	0.00	-29.26	0.00	0.00	1093.04
Nov-2007	2.4	0.20	1.65	0.14	2.72	0.34	-5.59	0.00	0.00	1090.31
Dec-2007	1.55	0.13	0.79	0.07	2.33	0.02	-5.34	0.00	0.00	1087.98
Jan-2008	1.55	0.13	4.32	0.36	2.33	3.65	15.74	12.61	20.17	1105.81
Feb-2008	2.52	0.21	2.09	0.17	1.95	0.67	-3.68	12.02	0.00	1103.87
Mar-2008	4.03	0.34	0.32	0.03	2.72	0.00	-25.97	4.09	0.00	1101.14

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3

Apr-2008	5.7	0.48	0	0.00	2.72	0.00	-39.90	1.27	0.00	1098.42
May-2008	7.75	0.65	0.2	0.02	3.50	0.00	-52.85	0.35	0.00	1094.92
Jun-2008	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.09	0.00	1090.64
Jul-2008	9.3	0.78	0	0.00	4.67	0.00	-65.10	0.02	0.00	1085.97
Aug-2008	8.37	0.70	0.24	0.02	4.67	0.00	-56.91	0.01	0.00	1081.30
Sep-2008	6.3	0.53	0.63	0.05	3.89	0.00	-39.69	0.00	0.00	1077.41
Oct-2008	4.34	0.36	0.04	0.00	3.50	0.00	-30.10	0.00	0.00	1073.91
Nov-2008	2.4	0.20	1.38	0.12	2.72	0.19	-7.33	0.00	0.00	1071.19
Dec-2008	1.55	0.13	5.39	0.45	2.33	5.70	21.18	14.97	40.74	1109.60
Jan-2009	1.55	0.13	0.08	0.01	2.33	0.00	-10.29	12.75	0.00	1107.26
Feb-2009	2.52	0.21	2.56	0.21	1.95	1.11	-0.83	12.34	0.76	1106.07
Mar-2009	4.03	0.34	0	0.00	2.72	0.00	-28.21	7.52	0.00	1103.35
Apr-2009	5.7	0.48	0.16	0.01	2.72	0.00	-38.78	1.63	0.00	1100.63
May-2009	7.75	0.65	0	0.00	3.50	0.00	-54.25	0.38	0.00	1097.13
Jun-2009	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.10	0.00	1092.85
Jul-2009	9.3	0.78	0.32	0.03	4.67	0.00	-62.86	0.03	0.00	1088.18
Aug-2009	8.37	0.70	0	0.00	4.67	0.00	-58.59	0.01	0.00	1083.51
Sep-2009	6.3	0.53	0	0.00	3.89	0.00	-44.10	0.00	0.00	1079.62
Oct-2009	4.34	0.36	0.04	0.00	3.50	0.00	-30.10	0.00	0.00	1076.12
Nov-2009	2.4	0.20	0.43	0.04	2.72	0.00	-13.79	0.00	0.00	1073.39
Dec-2009	1.55	0.13	3.31	0.28	2.33	2.04	10.28	9.13	4.09	1075.14
Jan-2010	1.55	0.13	5.75	0.48	2.33	6.45	22.95	19.26	92.50	1165.31
Feb-2010	2.52	0.21	2.76	0.23	1.95	1.33	0.35	19.36	6.76	1170.12
Mar-2010	4.03	0.34	1.18	0.10	2.72	0.11	-20.06	14.57	0.00	1167.40
Apr-2010	5.7	0.48	1.46	0.12	2.72	0.23	-29.91	5.31	0.00	1164.68
May-2010	7.75	0.65	0	0.00	3.50	0.00	-54.25	1.25	0.00	1161.18
Jun-2010	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.30	0.00	1156.90
Jul-2010	9.3	0.78	0.04	0.00	4.67	0.00	-64.82	0.07	0.00	1152.23
Aug-2010	8.37	0.70	0	0.00	4.67	0.00	-58.59	0.02	0.00	1147.56
Sep-2010	6.3	0.53	0	0.00	3.89	0.00	-44.10	0.01	0.00	1143.67
Oct-2010	4.34	0.36	4.1	0.34	3.50	3.27	-4.95	0.01	0.00	1140.17
Nov-2010	2.4	0.20	0.83	0.07	2.72	0.02	-11.01	0.01	0.00	1137.44
Dec-2010	1.55	0.13	4.1	0.34	2.33	3.27	14.58	12.07	15.95	1151.06
Jan-2011	1.55	0.13	0.47	0.04	2.33	0.00	-7.56	10.03	0.00	1148.73
Feb-2011	2.52	0.21	4.52	0.38	1.95	4.01	9.99	15.48	36.35	1183.14
Mar-2011	4.03	0.34	1.65	0.14	2.72	0.34	-17.00	11.98	0.00	1180.41
Apr-2011	5.7	0.48	0.24	0.02	2.72	0.00	-38.22	2.78	0.00	1177.69
May-2011	7.75	0.65	0.71	0.06	3.50	0.01	-49.29	0.76	0.00	1174.19
Jun-2011	8.7	0.73	0.16	0.01	4.28	0.00	-59.78	0.19	0.00	1169.91
Jul-2011	9.3	0.78	0.55	0.05	4.67	0.00	-61.25	0.05	0.00	1165.24
Aug-2011	8.37	0.70	0.34	0.03	4.67	0.00	-56.21	0.02	0.00	1160.57
Sep-2011	6.3	0.53	0	0.00	3.89	0.00	-44.10	0.01	0.00	1156.68
Oct-2011	4.34	0.36	0.5	0.04	3.50	0.00	-26.88	0.00	0.00	1153.18
Nov-2011	2.4	0.20	2.71	0.23	2.72	1.28	0.89	1.18	0.00	1150.45
Dec-2011	1.55	0.13	1.95	0.16	2.33	0.56	2.24	3.39	0.02	1148.14

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3

Jan-2012	1.55	0.13	0.77	0.06	2.33	0.01	-5.47	2.60	0.00	1145.81
Feb-2012	2.52	0.21	1.26	0.11	1.95	0.14	-8.96	1.68	0.00	1143.86
Mar-2012	4.03	0.34	1.87	0.16	2.72	0.50	-15.62	0.94	0.00	1141.14
Apr-2012	5.7	0.48	1.77	0.15	2.72	0.42	-27.93	0.41	0.00	1138.41
May-2012	7.75	0.65	0	0.00	3.50	0.00	-54.25	0.10	0.00	1134.91
Jun-2012	8.7	0.73	0	0.00	4.28	0.00	-60.90	0.03	0.00	1130.63

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3B

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0.33	0.03	11.11	0.00	-62.81	22.85	0.00	1494.89
Aug-1982	8.37	0.70	0.56	0.05	11.11	0.00	-54.69	4.75	0.00	1483.78
Sep-1982	6.3	0.53	0.37	0.03	10.33	0.00	-41.51	1.81	0.00	1473.45
Oct-1982	4.34	0.36	0.13	0.01	9.94	0.00	-29.48	0.94	0.00	1463.51
Nov-1982	2.4	0.20	4.38	0.36	9.16	3.75	10.10	9.99	5.75	1460.10
Dec-1982	1.55	0.13	3.41	0.28	8.77	2.18	10.86	16.00	36.14	1487.46
Jan-1983	1.55	0.13	2.21	0.18	8.77	0.78	3.85	17.87	14.61	1493.30
Feb-1983	2.52	0.21	4.77	0.40	8.39	4.48	11.30	20.91	64.63	1506.00
Mar-1983	4.03	0.34	9.83	0.82	9.16	16.46	24.12	22.85	149.53	1506.00
Apr-1983	5.7	0.48	2.21	0.18	10.18	0.78	-25.22	22.85	0.00	1495.82
May-1983	7.75	0.65	0.19	0.02	13.07	0.00	-52.91	4.96	0.00	1482.75
Jun-1983	8.7	0.73	0.00	0.00	7.29	0.00	-60.90	1.22	0.00	1475.46
Jul-1983	9.3	0.78	0.01	0.00	3.74	0.00	-65.02	0.30	0.00	1471.73
Aug-1983	8.37	0.70	4.02	0.33	3.69	3.13	-33.60	0.15	0.00	1468.04
Sep-1983	6.3	0.53	0.67	0.06	3.69	0.01	-39.41	0.07	0.00	1464.35
Oct-1983	4.34	0.36	1.15	0.10	4.40	0.10	-22.42	0.04	0.00	1459.95
Nov-1983	2.4	0.20	2.43	0.20	3.76	0.98	-0.80	0.12	0.00	1456.19
Dec-1983	1.55	0.13	0.99	0.08	4.17	0.05	-4.00	0.10	0.00	1452.02
Jan-1984	1.55	0.13	0.12	0.01	3.99	0.00	-10.03	0.07	0.00	1448.03
Feb-1984	2.52	0.21	0.00	0.00	3.76	0.00	-17.64	0.04	0.00	1444.27
Mar-1984	4.03	0.34	0.04	0.00	3.69	0.00	-27.94	0.02	0.00	1440.58
Apr-1984	5.7	0.48	0.24	0.02	2.72	0.00	-38.23	0.01	0.00	1437.86
May-1984	7.75	0.65	0.00	0.00	3.63	0.00	-54.25	0.00	0.00	1434.24
Jun-1984	8.7	0.73	0.55	0.05	5.18	0.00	-57.08	0.00	0.00	1429.05
Jul-1984	9.3	0.78	1.49	0.12	5.57	0.25	-54.89	0.00	0.00	1423.48
Aug-1984	8.37	0.70	2.27	0.19	5.57	0.84	-43.51	0.00	0.00	1417.91
Sep-1984	6.3	0.53	0.66	0.06	4.79	0.00	-39.46	0.00	0.00	1413.12
Oct-1984	4.34	0.36	0.18	0.01	4.40	0.00	-29.12	0.00	0.00	1408.72
Nov-1984	2.4	0.20	1.42	0.12	3.63	0.21	-7.10	0.00	0.00	1405.09
Dec-1984	1.55	0.13	4.22	0.35	3.24	3.46	15.20	12.37	18.10	1419.96
Jan-1985	1.55	0.13	1.58	0.13	3.24	0.30	-0.12	12.41	0.49	1417.21
Feb-1985	2.52	0.21	1.45	0.12	2.85	0.23	-7.71	10.28	0.00	1414.36
Mar-1985	4.03	0.34	0.27	0.02	3.63	0.00	-26.35	3.56	0.00	1410.73
Apr-1985	5.7	0.48	0.04	0.00	3.63	0.00	-39.63	1.12	0.00	1407.11
May-1985	7.75	0.65	0.09	0.01	4.40	0.00	-53.62	0.30	0.00	1402.70
Jun-1985	8.7	0.73	1.72	0.14	5.18	0.39	-49.25	0.10	0.00	1397.52
Jul-1985	9.3	0.78	0.00	0.00	5.57	0.00	-65.10	0.03	0.00	1391.95
Aug-1985	8.37	0.70	0.33	0.03	5.57	0.00	-56.27	0.01	0.00	1386.38
Sep-1985	6.3	0.53	0.68	0.06	4.79	0.01	-39.33	0.00	0.00	1381.59

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3B

Oct-1985	4.34	0.36	4.49	0.37	4.40	3.96	-2.89	0.05	0.00	1377.18
Nov-1985	2.4	0.20	1.75	0.15	3.63	0.41	-4.98	0.04	0.00	1373.56
Dec-1985	1.55	0.13	0.00	0.00	3.24	0.00	-10.85	0.02	0.00	1370.32
Jan-1986	1.55	0.13	0.74	0.06	3.24	0.01	-5.65	0.02	0.00	1367.09
Feb-1986	2.52	0.21	3.50	0.29	2.85	2.31	4.54	4.50	0.04	1364.28
Mar-1986	4.03	0.34	3.44	0.29	3.63	2.22	-6.37	3.48	0.00	1360.65
Apr-1986	5.7	0.48	0.28	0.02	3.63	0.00	-37.96	0.80	0.00	1357.03
May-1986	7.75	0.65	0.01	0.00	4.40	0.00	-54.17	0.18	0.00	1352.62
Jun-1986	8.7	0.73	0.00	0.00	5.18	0.00	-60.90	0.04	0.00	1347.44
Jul-1986	9.3	0.78	0.35	0.03	5.57	0.00	-62.67	0.01	0.00	1341.87
Aug-1986	8.37	0.70	0.06	0.00	5.57	0.00	-58.18	0.00	0.00	1336.30
Sep-1986	6.3	0.53	1.31	0.11	4.79	0.16	-35.11	0.00	0.00	1331.51
Oct-1986	4.34	0.36	2.10	0.17	4.40	0.68	-16.37	0.00	0.00	1327.10
Nov-1986	2.4	0.20	0.57	0.05	3.63	0.00	-12.84	0.00	0.00	1323.48
Dec-1986	1.55	0.13	0.71	0.06	3.24	0.01	-5.86	0.00	0.00	1320.24
Jan-1987	1.55	0.13	1.64	0.14	3.24	0.34	0.31	0.41	0.00	1317.01
Feb-1987	2.52	0.21	2.53	0.21	2.85	1.08	-1.01	0.44	0.00	1314.16
Mar-1987	4.03	0.34	2.55	0.21	3.63	1.11	-11.44	0.27	0.00	1310.53
Apr-1987	5.7	0.48	0.20	0.02	3.63	0.00	-38.54	0.07	0.00	1306.91
May-1987	7.75	0.65	0.08	0.01	3.50	0.00	-53.68	0.02	0.00	1303.41
Jun-1987	8.7	0.73	0.01	0.00	4.28	0.00	-60.82	0.00	0.00	1299.13
Jul-1987	9.3	0.78	0.00	0.00	4.67	0.00	-65.10	0.00	0.00	1294.46
Aug-1987	8.37	0.70	0.64	0.05	4.67	0.00	-54.09	0.00	0.00	1289.79
Sep-1987	6.3	0.53	0.48	0.04	3.89	0.00	-40.77	0.00	0.00	1285.90
Oct-1987	4.34	0.36	3.10	0.26	3.50	1.75	-10.43	0.00	0.00	1282.40
Nov-1987	2.4	0.20	2.46	0.20	2.72	1.01	-0.61	0.17	0.00	1279.67
Dec-1987	1.55	0.13	1.81	0.15	2.33	0.45	1.34	1.51	0.00	1277.34
Jan-1988	1.55	0.13	3.46	0.29	2.33	2.25	11.12	10.90	10.91	1285.91
Feb-1988	2.52	0.21	1.93	0.16	1.95	0.54	-4.69	12.62	0.00	1283.97
Mar-1988	4.03	0.34	0.71	0.06	2.72	0.01	-23.22	4.95	0.00	1281.24
Apr-1988	5.7	0.48	2.46	0.21	2.72	1.01	-23.69	2.36	0.00	1278.52
May-1988	7.75	0.65	0.35	0.03	3.50	0.00	-51.77	0.57	0.00	1275.02
Jun-1988	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.13	0.00	1270.74
Jul-1988	9.3	0.78	0.02	0.00	4.67	0.00	-64.94	0.03	0.00	1266.07
Aug-1988	8.37	0.70	1.63	0.14	4.67	0.33	-47.48	0.01	0.00	1261.40
Sep-1988	6.3	0.53	0.00	0.00	3.89	0.00	-44.10	0.00	0.00	1257.51
Oct-1988	4.34	0.36	0.00	0.00	3.50	0.00	-30.38	0.00	0.00	1254.01
Nov-1988	2.4	0.20	1.07	0.09	2.72	0.08	-9.37	0.00	0.00	1251.29
Dec-1988	1.55	0.13	2.10	0.17	2.33	0.68	3.16	3.02	0.09	1249.04
Jan-1989	1.55	0.13	1.05	0.09	2.33	0.07	-3.60	2.54	0.00	1246.70
Feb-1989	2.52	0.21	1.17	0.10	1.95	0.11	-9.53	1.58	0.00	1244.76
Mar-1989	4.03	0.34	1.63	0.14	2.72	0.33	-17.10	0.84	0.00	1242.04
Apr-1989	5.7	0.48	0.21	0.02	2.72	0.00	-38.45	0.28	0.00	1239.31
May-1989	7.75	0.65	0.13	0.01	3.50	0.00	-53.35	0.08	0.00	1235.81
Jun-1989	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.02	0.00	1231.53

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3B

Jul-1989	9.3	0.78	0.00	0.00	4.67	0.00	-65.10	0.01	0.00	1226.86
Aug-1989	8.37	0.70	0.00	0.00	4.67	0.00	-58.59	0.00	0.00	1222.19
Sep-1989	6.3	0.53	0.17	0.01	3.89	0.00	-42.93	0.00	0.00	1218.30
Oct-1989	4.34	0.36	0.35	0.03	3.50	0.00	-27.90	0.00	0.00	1214.80
Nov-1989	2.4	0.20	0.03	0.00	2.72	0.00	-16.58	0.00	0.00	1212.08
Dec-1989	1.55	0.13	0.29	0.02	2.33	0.00	-8.83	0.00	0.00	1209.74
Jan-1990	1.55	0.13	3.03	0.25	2.33	1.67	8.72	7.98	0.47	1207.88
Feb-1990	2.52	0.21	1.76	0.15	1.95	0.42	-5.74	6.03	0.00	1205.94
Mar-1990	4.03	0.34	0.69	0.06	2.72	0.01	-23.38	2.30	0.00	1203.21
Apr-1990	5.7	0.48	0.98	0.08	2.72	0.05	-33.10	0.86	0.00	1200.49
May-1990	7.75	0.65	0.23	0.02	3.50	0.00	-52.67	0.23	0.00	1196.99
Jun-1990	8.7	0.73	0.22	0.02	4.28	0.00	-59.37	0.06	0.00	1192.71
Jul-1990	9.3	0.78	0.11	0.01	4.67	0.00	-64.34	0.02	0.00	1188.04
Aug-1990	8.37	0.70	0.18	0.01	4.67	0.00	-57.33	0.00	0.00	1183.37
Sep-1990	6.3	0.53	0.62	0.05	3.89	0.00	-39.79	0.00	0.00	1179.48
Oct-1990	4.34	0.36	0.04	0.00	3.50	0.00	-30.11	0.00	0.00	1175.98
Nov-1990	2.4	0.20	0.55	0.05	2.72	0.00	-12.92	0.00	0.00	1173.26
Dec-1990	1.55	0.13	1.29	0.11	2.33	0.15	-1.99	0.00	0.00	1170.92
Jan-1991	1.55	0.13	1.34	0.11	2.33	0.17	-1.66	0.00	0.00	1168.59
Feb-1991	2.52	0.21	2.21	0.18	1.95	0.78	-2.94	0.00	0.00	1166.64
Mar-1991	4.03	0.34	12.06	1.01	2.72	22.69	33.54	18.87	105.73	1269.65
Apr-1991	5.7	0.48	0.05	0.00	2.72	0.00	-39.55	13.66	0.00	1266.93
May-1991	7.75	0.65	0.00	0.00	3.50	0.00	-54.25	2.01	0.00	1263.43
Jun-1991	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.42	0.00	1259.15
Jul-1991	9.3	0.78	0.61	0.05	4.67	0.00	-60.82	0.10	0.00	1254.48
Aug-1991	8.37	0.70	0.00	0.00	4.67	0.00	-58.59	0.03	0.00	1249.81
Sep-1991	6.3	0.53	0.35	0.03	3.89	0.00	-41.64	0.01	0.00	1245.92
Oct-1991	4.34	0.36	0.58	0.05	3.50	0.00	-26.34	0.01	0.00	1242.42
Nov-1991	2.4	0.20	0.30	0.02	2.72	0.00	-14.73	0.01	0.00	1239.69
Dec-1991	1.55	0.13	2.80	0.23	2.33	1.38	7.37	6.78	0.38	1237.74
Jan-1992	1.55	0.13	2.68	0.22	2.33	1.25	6.69	11.87	13.87	1249.28
Feb-1992	2.52	0.21	5.00	0.42	1.95	4.92	12.46	19.04	50.36	1297.69
Mar-1992	4.03	0.34	4.89	0.41	2.72	4.70	1.30	19.12	18.93	1313.90
Apr-1992	5.7	0.48	0.67	0.06	2.72	0.01	-35.18	15.73	0.00	1311.18
May-1992	7.75	0.65	0.23	0.02	3.50	0.00	-52.67	2.94	0.00	1307.68
Jun-1992	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.59	0.00	1303.40
Jul-1992	9.3	0.78	0.74	0.06	4.67	0.01	-59.90	0.14	0.00	1298.73
Aug-1992	8.37	0.70	2.03	0.17	4.67	0.62	-45.01	0.05	0.00	1294.06
Sep-1992	6.3	0.53	0.00	0.00	3.89	0.00	-44.10	0.02	0.00	1290.17
Oct-1992	4.34	0.36	0.24	0.02	3.50	0.00	-28.71	0.01	0.00	1286.67
Nov-1992	2.4	0.20	0.06	0.00	2.72	0.00	-16.39	0.01	0.00	1283.95
Dec-1992	1.55	0.13	4.00	0.33	2.33	3.09	14.04	11.74	14.27	1295.88
Jan-1993	1.55	0.13	18.44	1.54	2.33	41.94	76.29	22.85	419.91	1506.00
Feb-1993	2.52	0.21	6.45	0.54	1.95	8.00	19.52	22.85	130.48	1506.00
Mar-1993	4.03	0.34	1.51	0.13	2.72	0.26	-17.88	22.85	0.00	1503.28

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3B

Apr-1993	5.7	0.48	0.00	0.00	2.72	0.00	-39.90	6.87	0.00	1500.55
May-1993	7.75	0.65	0.12	0.01	3.50	0.00	-53.43	1.93	0.00	1497.05
Jun-1993	8.7	0.73	0.16	0.01	4.28	0.00	-59.78	0.52	0.00	1492.77
Jul-1993	9.3	0.78	0.00	0.00	4.67	0.00	-65.10	0.14	0.00	1488.10
Aug-1993	8.37	0.70	0.00	0.00	4.67	0.00	-58.59	0.04	0.00	1483.43
Sep-1993	6.3	0.53	0.00	0.00	3.89	0.00	-44.10	0.02	0.00	1479.54
Oct-1993	4.34	0.36	0.30	0.02	3.50	0.00	-28.31	0.01	0.00	1476.04
Nov-1993	2.4	0.20	1.48	0.12	2.72	0.24	-6.69	0.01	0.00	1473.32
Dec-1993	1.55	0.13	1.15	0.10	2.33	0.10	-2.89	0.01	0.00	1470.98
Jan-1994	1.55	0.13	1.68	0.14	2.33	0.37	0.58	0.64	0.00	1468.65
Feb-1994	2.52	0.21	4.11	0.34	1.95	3.28	7.83	7.92	2.19	1468.90
Mar-1994	4.03	0.34	3.11	0.26	2.72	1.77	-8.19	6.25	0.00	1466.18
Apr-1994	5.7	0.48	1.34	0.11	2.72	0.17	-30.71	1.76	0.00	1463.45
May-1994	7.75	0.65	0.00	0.00	3.50	0.00	-54.25	0.39	0.00	1459.95
Jun-1994	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.09	0.00	1455.67
Jul-1994	9.3	0.78	0.00	0.00	4.67	0.00	-65.10	0.02	0.00	1451.00
Aug-1994	8.37	0.70	1.21	0.10	4.67	0.12	-50.27	0.01	0.00	1446.33
Sep-1994	6.3	0.53	0.00	0.00	3.89	0.00	-44.10	0.00	0.00	1442.44
Oct-1994	4.34	0.36	0.19	0.02	3.50	0.00	-29.04	0.00	0.00	1438.94
Nov-1994	2.4	0.20	0.68	0.06	2.72	0.01	-12.06	0.00	0.00	1436.22
Dec-1994	1.55	0.13	0.96	0.08	2.33	0.05	-4.16	0.00	0.00	1433.88
Jan-1995	1.55	0.13	10.03	0.84	2.33	17.00	42.34	21.07	144.27	1506.00
Feb-1995	2.52	0.21	3.25	0.27	1.95	1.95	3.15	21.49	20.96	1506.00
Mar-1995	4.03	0.34	6.56	0.55	2.72	8.25	9.48	22.67	61.25	1506.00
Apr-1995	5.7	0.48	1.25	0.10	2.72	0.13	-31.30	19.39	0.00	1503.28
May-1995	7.75	0.65	1.09	0.09	3.50	0.08	-46.69	4.37	0.00	1499.77
Jun-1995	8.7	0.73	0.48	0.04	4.28	0.00	-57.57	1.04	0.00	1495.50
Jul-1995	9.3	0.78	0.06	0.00	4.67	0.00	-64.69	0.24	0.00	1490.83
Aug-1995	8.37	0.70	0.64	0.05	4.67	0.00	-54.14	0.07	0.00	1486.16
Sep-1995	6.3	0.53	0.28	0.02	3.89	0.00	-42.13	0.03	0.00	1482.27
Oct-1995	4.34	0.36	0.00	0.00	3.50	0.00	-30.38	0.02	0.00	1478.77
Nov-1995	2.4	0.20	0.08	0.01	2.72	0.00	-16.25	0.01	0.00	1476.04
Dec-1995	1.55	0.13	0.57	0.05	2.33	0.00	-6.89	0.01	0.00	1473.71
Jan-1996	1.55	0.13	1.52	0.13	2.33	0.27	-0.44	0.01	0.00	1471.37
Feb-1996	2.52	0.21	3.17	0.26	1.95	1.85	2.73	2.78	0.00	1469.43
Mar-1996	4.03	0.34	2.73	0.23	2.72	1.30	-10.40	1.75	0.00	1466.70
Apr-1996	5.7	0.48	0.53	0.04	2.72	0.00	-36.21	0.47	0.00	1463.98
May-1996	7.75	0.65	0.07	0.01	3.50	0.00	-53.76	0.11	0.00	1460.48
Jun-1996	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.03	0.00	1456.20
Jul-1996	9.3	0.78	0.00	0.00	4.67	0.00	-65.10	0.01	0.00	1451.53
Aug-1996	8.37	0.70	0.07	0.01	4.67	0.00	-58.10	0.00	0.00	1446.86
Sep-1996	6.3	0.53	0.03	0.00	3.89	0.00	-43.88	0.00	0.00	1442.97
Oct-1996	4.34	0.36	1.54	0.13	3.50	0.28	-19.87	0.00	0.00	1439.47
Nov-1996	2.4	0.20	0.91	0.08	2.72	0.04	-10.45	0.00	0.00	1436.75
Dec-1996	1.55	0.13	1.97	0.16	2.33	0.57	2.34	2.29	0.03	1434.44

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3B

Jan-1997	1.55	0.13	4.29	0.36	2.33	3.60	15.61	13.68	28.65	1460.75
Feb-1997	2.52	0.21	1.51	0.13	1.95	0.26	-7.31	12.30	0.00	1458.81
Mar-1997	4.03	0.34	0.02	0.00	2.72	0.00	-28.07	3.96	0.00	1456.08
Apr-1997	5.7	0.48	0.22	0.02	2.72	0.00	-38.37	1.32	0.00	1453.36
May-1997	7.75	0.65	0.00	0.00	3.50	0.00	-54.25	0.35	0.00	1449.86
Jun-1997	8.7	0.73	0.07	0.01	4.28	0.00	-60.41	0.09	0.00	1445.58
Jul-1997	9.3	0.78	1.91	0.16	4.67	0.53	-52.23	0.03	0.00	1440.91
Aug-1997	8.37	0.70	0.16	0.01	4.67	0.00	-57.47	0.01	0.00	1436.24
Sep-1997	6.3	0.53	1.74	0.15	3.89	0.41	-32.30	0.01	0.00	1432.35
Oct-1997	4.34	0.36	4.17	0.35	3.50	3.38	-4.58	0.00	0.00	1428.85
Nov-1997	2.4	0.20	0.00	0.00	2.72	0.00	-16.80	0.00	0.00	1426.12
Dec-1997	1.55	0.13	0.00	0.00	2.33	0.00	-10.85	0.00	0.00	1423.79
Jan-1998	1.55	0.13	1.59	0.13	2.33	0.31	-0.02	0.17	0.00	1421.46
Feb-1998	2.52	0.21	10.27	0.86	1.95	17.67	36.60	19.92	118.36	1506.00
Mar-1998	4.03	0.34	4.36	0.36	2.72	3.71	-1.43	19.49	5.85	1506.00
Apr-1998	5.7	0.48	2.17	0.18	2.72	0.74	-25.44	13.88	0.00	1503.28
May-1998	7.75	0.65	1.16	0.10	3.50	0.10	-46.24	3.12	0.00	1499.77
Jun-1998	8.7	0.73	0.02	0.00	4.28	0.00	-60.74	0.67	0.00	1495.50
Jul-1998	9.3	0.78	0.10	0.01	4.67	0.00	-64.39	0.15	0.00	1490.83
Aug-1998	8.37	0.70	0.20	0.02	4.67	0.00	-57.20	0.05	0.00	1486.16
Sep-1998	6.3	0.53	0.20	0.02	3.89	0.00	-42.71	0.02	0.00	1482.27
Oct-1998	4.34	0.36	0.04	0.00	3.50	0.00	-30.13	0.01	0.00	1478.77
Nov-1998	2.4	0.20	1.16	0.10	2.72	0.10	-8.79	0.01	0.00	1476.04
Dec-1998	1.55	0.13	1.41	0.12	2.33	0.20	-1.20	0.01	0.00	1473.71
Jan-1999	1.55	0.13	1.65	0.14	2.33	0.34	0.33	0.44	0.00	1471.37
Feb-1999	2.52	0.21	0.82	0.07	1.95	0.02	-11.90	0.26	0.00	1469.43
Mar-1999	4.03	0.34	0.62	0.05	2.72	0.00	-23.87	0.11	0.00	1466.70
Apr-1999	5.7	0.48	3.28	0.27	2.72	1.99	-18.93	0.07	0.00	1463.98
May-1999	7.75	0.65	0.00	0.00	3.50	0.00	-54.25	0.02	0.00	1460.48
Jun-1999	8.7	0.73	0.46	0.04	4.28	0.00	-57.71	0.00	0.00	1456.20
Jul-1999	9.3	0.78	0.36	0.03	4.67	0.00	-62.59	0.00	0.00	1451.53
Aug-1999	8.37	0.70	0.00	0.00	4.67	0.00	-58.59	0.00	0.00	1446.86
Sep-1999	6.3	0.53	0.14	0.01	3.89	0.00	-43.14	0.00	0.00	1442.97
Oct-1999	4.34	0.36	0.00	0.00	3.50	0.00	-30.38	0.00	0.00	1439.47
Nov-1999	2.4	0.20	0.00	0.00	2.72	0.00	-16.80	0.00	0.00	1436.75
Dec-1999	1.55	0.13	0.21	0.02	2.33	0.00	-9.40	0.00	0.00	1434.41
Jan-2000	1.55	0.13	0.74	0.06	2.33	0.01	-5.67	0.00	0.00	1432.08
Feb-2000	2.52	0.21	4.17	0.35	1.95	3.38	8.14	7.64	0.98	1431.11
Mar-2000	4.03	0.34	1.46	0.12	2.72	0.23	-18.23	4.60	0.00	1428.39
Apr-2000	5.7	0.48	0.46	0.04	2.72	0.00	-36.71	1.02	0.00	1425.67
May-2000	7.75	0.65	0.00	0.00	3.50	0.00	-54.25	0.25	0.00	1422.17
Jun-2000	8.7	0.73	0.21	0.02	4.28	0.00	-59.45	0.06	0.00	1417.89
Jul-2000	9.3	0.78	0.00	0.00	4.67	0.00	-65.10	0.02	0.00	1413.22
Aug-2000	8.37	0.70	0.13	0.01	4.67	0.00	-57.69	0.00	0.00	1408.55
Sep-2000	6.3	0.53	0.30	0.02	3.89	0.00	-42.03	0.00	0.00	1404.66

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3B

Oct-2000	4.34	0.36	0.64	0.05	3.50	0.00	-25.91	0.00	0.00	1401.16
Nov-2000	2.4	0.20	0.39	0.03	2.72	0.00	-14.10	0.00	0.00	1398.43
Dec-2000	1.55	0.13	0.04	0.00	2.33	0.00	-10.58	0.00	0.00	1396.10
Jan-2001	1.55	0.13	2.90	0.24	2.33	1.50	7.94	7.28	0.42	1394.18
Feb-2001	2.52	0.21	4.08	0.34	1.95	3.24	7.71	12.75	21.66	1413.90
Mar-2001	4.03	0.34	1.75	0.15	2.72	0.41	-16.39	18.99	0.00	1411.18
Apr-2001	5.7	0.48	1.44	0.12	2.72	0.22	-30.02	7.24	0.00	1408.45
May-2001	7.75	0.65	0.03	0.00	3.50	0.00	-54.03	2.00	0.00	1404.95
Jun-2001	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.55	0.00	1400.67
Jul-2001	9.3	0.78	0.12	0.01	4.67	0.00	-64.25	0.15	0.00	1396.00
Aug-2001	8.37	0.70	0.00	0.00	4.67	0.00	-58.59	0.05	0.00	1391.33
Sep-2001	6.3	0.53	0.24	0.02	3.89	0.00	-42.43	0.02	0.00	1387.44
Oct-2001	4.34	0.36	0.00	0.00	3.50	0.00	-30.38	0.01	0.00	1383.94
Nov-2001	2.4	0.20	1.10	0.09	2.72	0.08	-9.18	0.01	0.00	1381.22
Dec-2001	1.55	0.13	1.01	0.08	2.33	0.06	-3.84	0.01	0.00	1378.88
Jan-2002	1.55	0.13	0.40	0.03	2.33	0.00	-8.07	0.01	0.00	1376.55
Feb-2002	2.52	0.21	0.12	0.01	1.95	0.00	-16.79	0.01	0.00	1374.60
Mar-2002	4.03	0.34	1.11	0.09	2.72	0.09	-20.52	0.00	0.00	1371.88
Apr-2002	5.7	0.48	0.39	0.03	2.72	0.00	-37.20	0.00	0.00	1369.16
May-2002	7.75	0.65	0.00	0.00	3.50	0.00	-54.25	0.00	0.00	1365.65
Jun-2002	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.00	0.00	1361.38
Jul-2002	9.3	0.78	0.19	0.02	4.67	0.00	-63.79	0.00	0.00	1356.71
Aug-2002	8.37	0.70	0.00	0.00	4.67	0.00	-58.59	0.00	0.00	1352.04
Sep-2002	6.3	0.53	1.15	0.10	3.89	0.10	-36.12	0.00	0.00	1348.15
Oct-2002	4.34	0.36	0.01	0.00	3.50	0.00	-30.30	0.00	0.00	1344.65
Nov-2002	2.4	0.20	1.03	0.09	2.72	0.06	-9.68	0.00	0.00	1341.92
Dec-2002	1.55	0.13	1.84	0.15	2.33	0.47	1.56	1.56	0.00	1339.59
Jan-2003	1.55	0.13	0.18	0.01	2.33	0.00	-9.59	0.95	0.00	1337.25
Feb-2003	2.52	0.21	4.05	0.34	1.95	3.18	7.52	8.02	1.12	1336.43
Mar-2003	4.03	0.34	2.17	0.18	2.72	0.74	-13.75	5.42	0.00	1333.71
Apr-2003	5.7	0.48	1.54	0.13	2.72	0.28	-29.37	1.60	0.00	1330.98
May-2003	7.75	0.65	0.90	0.08	3.50	0.04	-47.98	0.42	0.00	1327.48
Jun-2003	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.10	0.00	1323.20
Jul-2003	9.3	0.78	1.91	0.16	4.67	0.53	-52.25	0.03	0.00	1318.53
Aug-2003	8.37	0.70	1.47	0.12	4.67	0.24	-48.51	0.01	0.00	1313.86
Sep-2003	6.3	0.53	0.37	0.03	3.89	0.00	-41.48	0.01	0.00	1309.97
Oct-2003	4.34	0.36	0.00	0.00	3.50	0.00	-30.38	0.00	0.00	1306.47
Nov-2003	2.4	0.20	0.55	0.05	2.72	0.00	-12.95	0.00	0.00	1303.75
Dec-2003	1.55	0.13	1.25	0.10	2.33	0.13	-2.22	0.00	0.00	1301.41
Jan-2004	1.55	0.13	0.67	0.06	2.33	0.01	-6.13	0.00	0.00	1299.08
Feb-2004	2.52	0.21	4.41	0.37	1.95	3.81	9.43	8.57	4.31	1301.44
Mar-2004	4.03	0.34	0.66	0.05	2.72	0.00	-23.63	4.46	0.00	1298.72
Apr-2004	5.7	0.48	1.32	0.11	2.72	0.16	-30.84	1.22	0.00	1295.99
May-2004	7.75	0.65	0.00	0.00	3.50	0.00	-54.25	0.29	0.00	1292.49
Jun-2004	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.07	0.00	1288.21

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3B

Jul-2004	9.3	0.78	0.14	0.01	4.67	0.00	-64.12	0.02	0.00	1283.54
Aug-2004	8.37	0.70	0.01	0.00	4.67	0.00	-58.51	0.01	0.00	1278.87
Sep-2004	6.3	0.53	0.00	0.00	3.89	0.00	-44.10	0.00	0.00	1274.98
Oct-2004	4.34	0.36	8.51	0.71	3.50	12.98	16.18	12.79	28.66	1300.14
Nov-2004	2.4	0.20	1.07	0.09	2.72	0.08	-9.37	10.35	0.00	1297.42
Dec-2004	1.55	0.13	4.70	0.39	2.33	4.33	17.69	18.27	70.85	1365.93
Jan-2005	1.55	0.13	5.12	0.43	2.33	5.16	19.84	22.22	106.86	1470.46
Feb-2005	2.52	0.21	4.85	0.40	1.95	4.62	11.67	22.85	74.63	1506.00
Mar-2005	4.03	0.34	1.58	0.13	2.72	0.30	-17.43	22.85	0.00	1503.28
Apr-2005	5.7	0.48	0.58	0.05	2.72	0.00	-35.83	7.63	0.00	1500.55
May-2005	7.75	0.65	0.04	0.00	3.50	0.00	-53.98	2.09	0.00	1497.05
Jun-2005	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.55	0.00	1492.77
Jul-2005	9.3	0.78	0.46	0.04	4.67	0.00	-61.85	0.15	0.00	1488.10
Aug-2005	8.37	0.70	2.51	0.21	4.67	1.06	-42.10	0.07	0.00	1483.43
Sep-2005	6.3	0.53	0.01	0.00	3.89	0.00	-44.02	0.03	0.00	1479.54
Oct-2005	4.34	0.36	0.61	0.05	3.50	0.00	-26.10	0.02	0.00	1476.04
Nov-2005	2.4	0.20	0.11	0.01	2.72	0.00	-16.04	0.01	0.00	1473.32
Dec-2005	1.55	0.13	0.00	0.00	2.33	0.00	-10.85	0.01	0.00	1470.98
Jan-2006	1.55	0.13	0.98	0.08	2.33	0.05	-4.08	0.01	0.00	1468.65
Feb-2006	2.52	0.21	1.29	0.11	1.95	0.15	-8.78	0.01	0.00	1466.70
Mar-2006	4.03	0.34	3.34	0.28	2.72	2.08	-6.92	0.01	0.00	1463.98
Apr-2006	5.7	0.48	2.23	0.19	2.72	0.80	-25.08	0.00	0.00	1461.26
May-2006	7.75	0.65	0.22	0.02	3.50	0.00	-52.72	0.00	0.00	1457.76
Jun-2006	8.7	0.73	0.16	0.01	4.28	0.00	-59.81	0.00	0.00	1453.48
Jul-2006	9.3	0.78	0.52	0.04	4.67	0.00	-61.47	0.00	0.00	1448.81
Aug-2006	8.37	0.70	0.03	0.00	4.67	0.00	-58.37	0.00	0.00	1444.14
Sep-2006	6.3	0.53	0.07	0.01	3.89	0.00	-43.61	0.00	0.00	1440.25
Oct-2006	4.34	0.36	0.36	0.03	3.50	0.00	-27.87	0.00	0.00	1436.75
Nov-2006	2.4	0.20	0.17	0.01	2.72	0.00	-15.63	0.00	0.00	1434.02
Dec-2006	1.55	0.13	1.18	0.10	2.33	0.11	-2.69	0.00	0.00	1431.69
Jan-2007	1.55	0.13	0.74	0.06	2.33	0.01	-5.67	0.00	0.00	1429.35
Feb-2007	2.52	0.21	3.05	0.25	1.95	1.69	2.05	2.16	0.00	1427.41
Mar-2007	4.03	0.34	0.22	0.02	2.72	0.00	-26.68	0.68	0.00	1424.68
Apr-2007	5.7	0.48	0.76	0.06	2.72	0.01	-34.59	0.23	0.00	1421.96
May-2007	7.75	0.65	0.04	0.00	3.50	0.00	-53.98	0.06	0.00	1418.46
Jun-2007	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.01	0.00	1414.18
Jul-2007	9.3	0.78	0.18	0.01	4.67	0.00	-63.84	0.00	0.00	1409.51
Aug-2007	8.37	0.70	0.13	0.01	4.67	0.00	-57.69	0.00	0.00	1404.84
Sep-2007	6.3	0.53	0.01	0.00	3.89	0.00	-44.02	0.00	0.00	1400.95
Oct-2007	4.34	0.36	0.17	0.01	3.50	0.00	-29.21	0.00	0.00	1397.45
Nov-2007	2.4	0.20	0.32	0.03	2.72	0.00	-14.56	0.00	0.00	1394.73
Dec-2007	1.55	0.13	2.66	0.22	2.33	1.22	6.52	6.02	0.32	1392.71
Jan-2008	1.55	0.13	7.22	0.60	2.33	9.80	29.91	20.09	113.32	1503.70
Feb-2008	2.52	0.21	2.85	0.24	1.95	1.44	0.90	20.34	9.39	1506.00
Mar-2008	4.03	0.34	0.51	0.04	2.72	0.00	-24.66	21.39	0.00	1503.28

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3B

Apr-2008	5.7	0.48	0.00	0.00	2.72	0.00	-39.90	6.84	0.00	1500.55
May-2008	7.75	0.65	0.26	0.02	3.50	0.00	-52.45	1.97	0.00	1497.05
Jun-2008	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.52	0.00	1492.77
Jul-2008	9.3	0.78	0.00	0.00	4.67	0.00	-65.10	0.14	0.00	1488.10
Aug-2008	8.37	0.70	1.34	0.11	4.67	0.17	-49.40	0.05	0.00	1483.43
Sep-2008	6.3	0.53	0.00	0.00	3.89	0.00	-44.10	0.02	0.00	1479.54
Oct-2008	4.34	0.36	0.00	0.00	3.50	0.00	-30.38	0.01	0.00	1476.04
Nov-2008	2.4	0.20	1.79	0.15	2.72	0.44	-4.73	0.01	0.00	1473.32
Dec-2008	1.55	0.13	6.15	0.51	2.33	7.31	24.86	16.57	54.64	1506.00
Jan-2009	1.55	0.13	0.20	0.02	2.33	0.00	-9.46	14.16	0.00	1503.67
Feb-2009	2.52	0.21	3.66	0.31	1.95	2.56	5.44	16.72	22.85	1506.00
Mar-2009	4.03	0.34	0.09	0.01	2.72	0.00	-27.58	11.04	0.00	1503.28
Apr-2009	5.7	0.48	0.24	0.02	2.72	0.00	-38.23	2.46	0.00	1500.55
May-2009	7.75	0.65	0.00	0.00	3.50	0.00	-54.25	0.60	0.00	1497.05
Jun-2009	8.7	0.73	0.03	0.00	4.28	0.00	-60.68	0.15	0.00	1492.77
Jul-2009	9.3	0.78	0.00	0.00	4.67	0.00	-65.10	0.04	0.00	1488.10
Aug-2009	8.37	0.70	0.00	0.00	4.67	0.00	-58.59	0.01	0.00	1483.43
Sep-2009	6.3	0.53	0.03	0.00	3.89	0.00	-43.88	0.01	0.00	1479.54
Oct-2009	4.34	0.36	0.03	0.00	3.50	0.00	-30.16	0.00	0.00	1476.04
Nov-2009	2.4	0.20	0.69	0.06	2.72	0.01	-11.95	0.00	0.00	1473.32
Dec-2009	1.55	0.13	4.82	0.40	2.33	4.57	18.32	13.73	29.94	1500.92
Jan-2010	1.55	0.13	6.54	0.55	2.33	8.20	26.73	21.51	130.29	1506.00
Feb-2010	2.52	0.21	5.08	0.42	1.95	5.08	12.85	22.85	76.53	1506.00
Mar-2010	4.03	0.34	1.36	0.11	2.72	0.18	-18.89	22.85	0.00	1503.28
Apr-2010	5.7	0.48	2.34	0.19	2.72	0.89	-24.44	10.50	0.00	1500.55
May-2010	7.75	0.65	0.00	0.00	3.50	0.00	-54.25	2.71	0.00	1497.05
Jun-2010	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.70	0.00	1492.77
Jul-2010	9.3	0.78	0.07	0.01	4.67	0.00	-64.61	0.18	0.00	1488.10
Aug-2010	8.37	0.70	0.00	0.00	4.67	0.00	-58.59	0.06	0.00	1483.43
Sep-2010	6.3	0.53	0.08	0.01	3.89	0.00	-43.55	0.02	0.00	1479.54
Oct-2010	4.34	0.36	3.20	0.27	3.50	1.88	-9.88	0.02	0.00	1476.04
Nov-2010	2.4	0.20	1.18	0.10	2.72	0.11	-8.66	0.02	0.00	1473.32
Dec-2010	1.55	0.13	8.15	0.68	2.33	12.07	34.11	19.35	100.86	1506.00
Jan-2011	1.55	0.13	0.24	0.02	2.33	0.00	-9.18	17.59	0.00	1503.67
Feb-2011	2.52	0.21	4.89	0.41	1.95	4.70	11.87	20.78	67.72	1506.00
Mar-2011	4.03	0.34	1.63	0.14	2.72	0.33	-17.13	17.34	0.00	1503.28
Apr-2011	5.7	0.48	0.39	0.03	2.72	0.00	-37.20	4.91	0.00	1500.55
May-2011	7.75	0.65	0.71	0.06	3.50	0.01	-49.26	1.38	0.00	1497.05
Jun-2011	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.34	0.00	1492.77
Jul-2011	9.3	0.78	0.22	0.02	4.67	0.00	-63.57	0.09	0.00	1488.10
Aug-2011	8.37	0.70	1.27	0.11	4.67	0.14	-49.86	0.03	0.00	1483.43
Sep-2011	6.3	0.53	0.22	0.02	3.89	0.00	-42.57	0.01	0.00	1479.54
Oct-2011	4.34	0.36	0.64	0.05	3.50	0.00	-25.93	0.01	0.00	1476.04
Nov-2011	2.4	0.20	3.36	0.28	2.72	2.11	4.62	4.53	0.06	1473.38
Dec-2011	1.55	0.13	1.61	0.13	2.33	0.32	0.08	4.76	0.00	1471.05

Groundwater Resources Investigation Report Rugged Solar Farm - Wells 6a and 6b Scenario 3B

Jan-2012	1.55	0.13	0.73	0.06	2.33	0.01	-5.78	3.49	0.00	1468.71
Feb-2012	2.52	0.21	2.00	0.17	1.95	0.60	-4.26	2.91	0.00	1466.77
Mar-2012	4.03	0.34	2.86	0.24	2.72	1.45	-9.65	2.01	0.00	1464.04
Apr-2012	5.7	0.48	2.83	0.24	2.72	1.41	-21.52	0.97	0.00	1461.32
May-2012	7.75	0.65	0.00	0.00	3.50	0.00	-54.25	0.22	0.00	1457.82
Jun-2012	8.7	0.73	0.00	0.00	4.28	0.00	-60.90	0.05	0.00	1453.54

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1

	INPUT					OUTPUT				
Time	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0	0.00	3.90	0.00	-46.50	26.25	0.00	1000.10
Aug-1982	8.37	0.70	0.68	0.06	3.90	0.00	-38.45	7.38	0.00	996.21
Sep-1982	6.3	0.53	0.32	0.03	3.62	0.00	-29.90	2.99	0.00	992.59
Oct-1982	4.34	0.36	0	0.00	3.48	0.00	-21.70	1.57	0.00	989.12
Nov-1982	2.4	0.20	0.71	0.06	3.20	0.00	-8.45	1.23	0.00	985.92
Dec-1982	1.55	0.13	0	0.00	3.06	0.00	-7.75	0.98	0.00	982.86
Jan-1983	1.55	0.13	1.92	0.16	3.06	0.16	1.69	2.67	0.00	979.80
Feb-1983	2.52	0.21	3.35	0.28	2.92	1.03	3.12	5.79	0.00	976.88
Mar-1983	4.03	0.34	8.32	0.69	3.06	8.00	13.45	19.93	0.00	1004.00
Apr-1983	5.7	0.48	1.36	0.11	0.98	0.02	-21.72	13.39	0.00	1003.02
May-1983	7.75	0.65	0.12	0.01	1.25	0.00	-38.15	3.29	0.00	1001.77
Jun-1983	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.83	0.00	1000.24
Jul-1983	9.3	0.78	0	0.00	1.67	0.00	-46.50	0.21	0.00	998.56
Aug-1983	8.37	0.70	1.18	0.10	1.67	0.00	-35.95	0.07	0.00	996.89
Sep-1983	6.3	0.53	0.95	0.08	1.39	0.00	-26.75	0.04	0.00	995.50
Oct-1983	4.34	0.36	1.06	0.09	1.25	0.00	-16.40	0.02	0.00	994.24
Nov-1983	2.4	0.20	1.42	0.12	0.98	0.03	-4.93	0.02	0.00	993.27
Dec-1983	1.55	0.13	0	0.00	0.84	0.00	-7.75	0.02	0.00	992.43
Jan-1984	1.55	0.13	0.24	0.02	0.84	0.00	-6.55	0.01	0.00	991.59
Feb-1984	2.52	0.21	0	0.00	0.70	0.00	-12.60	0.01	0.00	990.90
Mar-1984	4.03	0.34	0.04	0.00	0.84	0.00	-19.95	0.01	0.00	990.06
Apr-1984	5.7	0.48	0.12	0.01	0.98	0.00	-27.90	0.00	0.00	989.08
May-1984	7.75	0.65	0	0.00	1.25	0.00	-38.75	0.00	0.00	987.83
Jun-1984	8.7	0.73	0.12	0.01	1.53	0.00	-42.90	0.00	0.00	986.30
Jul-1984	9.3	0.78	2.8	0.23	1.67	0.61	-33.11	0.00	0.00	984.62
Aug-1984	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.00	0.00	982.95
Sep-1984	6.3	0.53	0	0.00	1.39	0.00	-31.50	0.00	0.00	981.56
Oct-1984	4.34	0.36	0.04	0.00	1.25	0.00	-21.50	0.00	0.00	980.30
Nov-1984	2.4	0.20	0.83	0.07	0.98	0.00	-7.85	0.00	0.00	979.33
Dec-1984	1.55	0.13	3.62	0.30	0.84	1.28	9.07	8.55	0.00	993.41
Jan-1985	1.55	0.13	0.98	0.08	0.84	0.00	-2.85	7.89	0.00	992.57
Feb-1985	2.52	0.21	0	0.00	0.70	0.00	-12.60	4.46	0.00	991.88
Mar-1985	4.03	0.34	0	0.00	0.84	0.00	-20.15	2.17	0.00	991.04
Apr-1985	5.7	0.48	0	0.00	0.98	0.00	-28.50	0.87	0.00	990.06
May-1985	7.75	0.65	0	0.00	1.25	0.00	-38.75	0.27	0.00	988.81
Jun-1985	8.7	0.73	0.04	0.00	1.53	0.00	-43.30	0.07	0.00	987.28
Jul-1985	9.3	0.78	1.1	0.09	1.67	0.00	-41.00	0.02	0.00	985.60
Aug-1985	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.01	0.00	983.93
Sep-1985	6.3	0.53	0.51	0.04	1.39	0.00	-28.95	0.00	0.00	982.54

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1

Oct-1985	4.34	0.36	0.47	0.04	1.25	0.00	-19.35	0.00	0.00	981.28
Nov-1985	2.4	0.20	3.51	0.29	0.98	1.18	4.37	4.38	0.00	980.31
Dec-1985	1.55	0.13	0.39	0.03	0.84	0.00	-5.80	3.20	0.00	979.47
Jan-1986	1.55	0.13	0.51	0.04	0.84	0.00	-5.20	2.51	0.00	978.63
Feb-1986	2.52	0.21	2.25	0.19	0.70	0.30	-1.65	2.34	0.00	977.94
Mar-1986	4.03	0.34	2.21	0.18	0.84	0.28	-9.38	1.61	0.00	977.10
Apr-1986	5.7	0.48	0.04	0.00	0.98	0.00	-28.30	0.61	0.00	976.12
May-1986	7.75	0.65	0	0.00	1.25	0.00	-38.75	0.18	0.00	974.87
Jun-1986	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.05	0.00	973.34
Jul-1986	9.3	0.78	0	0.00	1.67	0.00	-46.50	0.01	0.00	971.66
Aug-1986	8.37	0.70	0.16	0.01	1.67	0.00	-41.05	0.00	0.00	969.99
Sep-1986	6.3	0.53	0	0.00	1.39	0.00	-31.50	0.00	0.00	968.60
Oct-1986	4.34	0.36	0	0.00	1.25	0.00	-21.70	0.00	0.00	967.34
Nov-1986	2.4	0.20	0.67	0.06	0.98	0.00	-8.65	0.00	0.00	966.37
Dec-1986	1.55	0.13	0.43	0.04	0.84	0.00	-5.60	0.00	0.00	965.53
Jan-1987	1.55	0.13	1.5	0.13	0.84	0.04	-0.29	0.00	0.00	964.69
Feb-1987	2.52	0.21	0.63	0.05	0.70	0.00	-9.45	0.00	0.00	964.00
Mar-1987	4.03	0.34	0	0.00	0.84	0.00	-20.15	0.00	0.00	963.16
Apr-1987	5.7	0.48	0.16	0.01	0.98	0.00	-27.70	0.00	0.00	962.18
May-1987	7.75	0.65	0.12	0.01	1.25	0.00	-38.15	0.00	0.00	960.93
Jun-1987	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.00	0.00	959.40
Jul-1987	9.3	0.78	0	0.00	1.67	0.00	-46.50	0.00	0.00	957.72
Aug-1987	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.00	0.00	956.05
Sep-1987	6.3	0.53	0.39	0.03	1.39	0.00	-29.55	0.00	0.00	954.66
Oct-1987	4.34	0.36	0	0.00	1.25	0.00	-21.70	0.00	0.00	953.40
Nov-1987	2.4	0.20	0.91	0.08	0.98	0.00	-7.45	0.00	0.00	952.43
Dec-1987	1.55	0.13	1.69	0.14	0.84	0.09	0.61	0.61	0.00	951.59
Jan-1988	1.55	0.13	2.6	0.22	0.84	0.48	4.77	5.38	0.00	950.75
Feb-1988	2.52	0.21	2.09	0.17	0.70	0.23	-2.38	15.91	0.00	950.06
Mar-1988	4.03	0.34	0.43	0.04	0.84	0.00	-18.00	8.63	0.00	949.22
Apr-1988	5.7	0.48	1.38	0.12	0.98	0.02	-21.62	4.41	0.00	948.24
May-1988	7.75	0.65	0	0.00	1.25	0.00	-38.75	1.39	0.00	946.99
Jun-1988	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.39	0.00	945.46
Jul-1988	9.3	0.78	0.24	0.02	1.67	0.00	-45.30	0.11	0.00	943.78
Aug-1988	8.37	0.70	0.79	0.07	1.67	0.00	-37.90	0.04	0.00	942.11
Sep-1988	6.3	0.53	0.32	0.03	1.39	0.00	-29.90	0.02	0.00	940.72
Oct-1988	4.34	0.36	0	0.00	1.25	0.00	-21.70	0.01	0.00	939.46
Nov-1988	2.4	0.20	0.47	0.04	0.98	0.00	-9.65	0.01	0.00	938.49
Dec-1988	1.55	0.13	1.18	0.10	0.84	0.00	-1.85	0.01	0.00	937.65
Jan-1989	1.55	0.13	0.59	0.05	0.84	0.00	-4.80	0.01	0.00	936.81
Feb-1989	2.52	0.21	0.04	0.00	0.70	0.00	-12.40	0.00	0.00	936.12
Mar-1989	4.03	0.34	0	0.00	0.84	0.00	-20.15	0.00	0.00	935.28
Apr-1989	5.7	0.48	0	0.00	0.98	0.00	-28.50	0.00	0.00	934.30
May-1989	7.75	0.65	0.12	0.01	1.25	0.00	-38.15	0.00	0.00	933.05
Jun-1989	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.00	0.00	931.52

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1

Jul-1989	9.3	0.78	0.35	0.03	1.67	0.00	-44.75	0.00	0.00	929.84
Aug-1989	8.37	0.70	0.87	0.07	1.67	0.00	-37.50	0.00	0.00	928.17
Sep-1989	6.3	0.53	0	0.00	1.39	0.00	-31.50	0.00	0.00	926.78
Oct-1989	4.34	0.36	1.62	0.14	1.25	0.07	-13.67	0.00	0.00	925.52
Nov-1989	2.4	0.20	0.08	0.01	0.98	0.00	-11.60	0.00	0.00	924.55
Dec-1989	1.55	0.13	0.12	0.01	0.84	0.00	-7.15	0.00	0.00	923.71
Jan-1990	1.55	0.13	1.82	0.15	0.84	0.12	1.23	1.23	0.00	922.87
Feb-1990	2.52	0.21	0.71	0.06	0.70	0.00	-9.05	0.78	0.00	922.18
Mar-1990	4.03	0.34	0.55	0.05	0.84	0.00	-17.40	0.40	0.00	921.34
Apr-1990	5.7	0.48	0.75	0.06	0.98	0.00	-24.75	0.18	0.00	920.36
May-1990	7.75	0.65	0.32	0.03	1.25	0.00	-37.15	0.06	0.00	919.11
Jun-1990	8.7	0.73	2.76	0.23	1.53	0.58	-30.28	0.02	0.00	917.58
Jul-1990	9.3	0.78	0	0.00	1.67	0.00	-46.50	0.01	0.00	915.90
Aug-1990	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.00	0.00	914.23
Sep-1990	6.3	0.53	0.16	0.01	1.39	0.00	-30.70	0.00	0.00	912.84
Oct-1990	4.34	0.36	0.16	0.01	1.25	0.00	-20.90	0.00	0.00	911.58
Nov-1990	2.4	0.20	0.43	0.04	0.98	0.00	-9.85	0.00	0.00	910.61
Dec-1990	1.55	0.13	0.59	0.05	0.84	0.00	-4.80	0.00	0.00	909.77
Jan-1991	1.55	0.13	1.06	0.09	0.84	0.00	-2.45	0.00	0.00	908.93
Feb-1991	2.52	0.21	3.23	0.27	0.70	0.93	2.62	2.62	0.00	908.24
Mar-1991	4.03	0.34	5.91	0.49	0.84	4.10	5.30	7.22	0.00	927.42
Apr-1991	5.7	0.48	0	0.00	0.98	0.00	-28.50	10.57	0.00	926.44
May-1991	7.75	0.65	0.04	0.00	1.25	0.00	-38.55	3.09	0.00	925.19
Jun-1991	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.93	0.00	923.66
Jul-1991	9.3	0.78	0.2	0.02	1.67	0.00	-45.50	0.27	0.00	921.98
Aug-1991	8.37	0.70	0.32	0.03	1.67	0.00	-40.25	0.09	0.00	920.31
Sep-1991	6.3	0.53	0.43	0.04	1.39	0.00	-29.35	0.04	0.00	918.92
Oct-1991	4.34	0.36	0.43	0.04	1.25	0.00	-19.55	0.02	0.00	917.66
Nov-1991	2.4	0.20	0.16	0.01	0.98	0.00	-11.20	0.02	0.00	916.69
Dec-1991	1.55	0.13	2.36	0.20	0.84	0.35	3.70	3.72	0.00	915.85
Jan-1992	1.55	0.13	1.85	0.15	0.84	0.13	1.37	5.08	0.00	915.01
Feb-1992	2.52	0.21	3.31	0.28	0.70	1.00	2.95	7.66	0.00	925.01
Mar-1992	4.03	0.34	4.73	0.39	0.84	2.50	1.00	8.17	0.00	939.28
Apr-1992	5.7	0.48	0.47	0.04	0.98	0.00	-26.15	4.20	0.00	938.30
May-1992	7.75	0.65	0.63	0.05	1.25	0.00	-35.60	0.85	0.00	937.05
Jun-1992	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.22	0.00	935.52
Jul-1992	9.3	0.78	0.75	0.06	1.67	0.00	-42.75	0.06	0.00	933.84
Aug-1992	8.37	0.70	1.69	0.14	1.67	0.09	-33.49	0.02	0.00	932.17
Sep-1992	6.3	0.53	0	0.00	1.39	0.00	-31.50	0.01	0.00	930.78
Oct-1992	4.34	0.36	0.28	0.02	1.25	0.00	-20.30	0.01	0.00	929.52
Nov-1992	2.4	0.20	0.08	0.01	0.98	0.00	-11.60	0.00	0.00	928.55
Dec-1992	1.55	0.13	2.76	0.23	0.84	0.58	5.47	5.47	0.00	927.71
Jan-1993	1.55	0.13	9.89	0.82	0.84	10.86	30.84	24.81	0.00	1004.00
Feb-1993	2.52	0.21	5.24	0.44	0.70	3.16	10.44	26.25	0.00	1004.00
Mar-1993	4.03	0.34	0.79	0.07	0.84	0.00	-16.20	26.25	0.00	1003.16

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1

Apr-1993	5.7	0.48	0	0.00	0.98	0.00	-28.50	10.06	0.00	1002.19
May-1993	7.75	0.65	0.2	0.02	1.25	0.00	-37.75	3.18	0.00	1000.93
Jun-1993	8.7	0.73	0.2	0.02	1.53	0.00	-42.50	0.91	0.00	999.40
Jul-1993	9.3	0.78	0	0.00	1.67	0.00	-46.50	0.24	0.00	997.73
Aug-1993	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.08	0.00	996.05
Sep-1993	6.3	0.53	0	0.00	1.39	0.00	-31.50	0.03	0.00	994.66
Oct-1993	4.34	0.36	0.08	0.01	1.25	0.00	-21.30	0.02	0.00	993.41
Nov-1993	2.4	0.20	1.3	0.11	0.98	0.01	-5.51	0.02	0.00	992.43
Dec-1993	1.55	0.13	0.63	0.05	0.84	0.00	-4.60	0.01	0.00	991.59
Jan-1994	1.55	0.13	1.02	0.09	0.84	0.00	-2.65	0.01	0.00	990.76
Feb-1994	2.52	0.21	3.7	0.31	0.70	1.36	4.54	4.56	0.00	990.06
Mar-1994	4.03	0.34	2.32	0.19	0.84	0.33	-8.88	2.88	0.00	989.22
Apr-1994	5.7	0.48	0.75	0.06	0.98	0.00	-24.75	1.11	0.00	988.25
May-1994	7.75	0.65	0.08	0.01	1.25	0.00	-38.35	0.32	0.00	986.99
Jun-1994	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.08	0.00	985.46
Jul-1994	9.3	0.78	0	0.00	1.67	0.00	-46.50	0.02	0.00	983.79
Aug-1994	8.37	0.70	1.69	0.14	1.67	0.09	-33.49	0.01	0.00	982.11
Sep-1994	6.3	0.53	0.39	0.03	1.39	0.00	-29.55	0.00	0.00	980.72
Oct-1994	4.34	0.36	0.04	0.00	1.25	0.00	-21.50	0.00	0.00	979.47
Nov-1994	2.4	0.20	0.47	0.04	0.98	0.00	-9.65	0.00	0.00	978.49
Dec-1994	1.55	0.13	1.65	0.14	0.84	0.07	0.43	0.43	0.00	977.65
Jan-1995	1.55	0.13	6.5	0.54	0.84	4.98	19.77	17.07	0.00	1004.00
Feb-1995	2.52	0.21	3.15	0.26	0.70	0.87	2.28	18.12	0.00	1004.00
Mar-1995	4.03	0.34	3.66	0.31	0.84	1.32	-3.17	20.40	0.00	1003.16
Apr-1995	5.7	0.48	0.55	0.05	0.98	0.00	-25.75	8.25	0.00	1002.19
May-1995	7.75	0.65	0.79	0.07	1.25	0.00	-34.80	2.78	0.00	1000.93
Jun-1995	8.7	0.73	0.2	0.02	1.53	0.00	-42.50	0.78	0.00	999.40
Jul-1995	9.3	0.78	0.04	0.00	1.67	0.00	-46.30	0.21	0.00	997.73
Aug-1995	8.37	0.70	0.55	0.05	1.67	0.00	-39.10	0.07	0.00	996.05
Sep-1995	6.3	0.53	0.47	0.04	1.39	0.00	-29.15	0.03	0.00	994.66
Oct-1995	4.34	0.36	0	0.00	1.25	0.00	-21.70	0.02	0.00	993.41
Nov-1995	2.4	0.20	0	0.00	0.98	0.00	-12.00	0.01	0.00	992.43
Dec-1995	1.55	0.13	0.28	0.02	0.84	0.00	-6.35	0.01	0.00	991.59
Jan-1996	1.55	0.13	1.18	0.10	0.84	0.00	-1.85	0.01	0.00	990.76
Feb-1996	2.52	0.21	5.16	0.43	0.70	3.05	10.15	9.25	0.00	1004.00
Mar-1996	4.03	0.34	1.58	0.13	0.84	0.06	-12.31	6.58	0.00	1003.16
Apr-1996	5.7	0.48	0.08	0.01	0.98	0.00	-28.10	2.03	0.00	1002.19
May-1996	7.75	0.65	0.16	0.01	1.25	0.00	-37.95	0.60	0.00	1000.93
Jun-1996	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.16	0.00	999.40
Jul-1996	9.3	0.78	0.04	0.00	1.67	0.00	-46.30	0.04	0.00	997.73
Aug-1996	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.01	0.00	996.05
Sep-1996	6.3	0.53	0.16	0.01	1.39	0.00	-30.70	0.01	0.00	994.66
Oct-1996	4.34	0.36	0.87	0.07	1.25	0.00	-17.35	0.00	0.00	993.41
Nov-1996	2.4	0.20	0.87	0.07	0.98	0.00	-7.65	0.00	0.00	992.43
Dec-1996	1.55	0.13	1.42	0.12	0.84	0.03	-0.68	0.00	0.00	991.59

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1

Jan-1997	1.55	0.13	3.58	0.30	0.84	1.24	8.91	8.42	0.00	1004.00
Feb-1997	2.52	0.21	1.02	0.09	0.70	0.00	-7.50	6.86	0.00	1003.30
Mar-1997	4.03	0.34	0.04	0.00	0.84	0.00	-19.95	2.86	0.00	1002.47
Apr-1997	5.7	0.48	0.43	0.04	0.98	0.00	-26.35	1.18	0.00	1001.49
May-1997	7.75	0.65	0	0.00	1.25	0.00	-38.75	0.36	0.00	1000.24
Jun-1997	8.7	0.73	0.55	0.05	1.53	0.00	-40.75	0.11	0.00	998.70
Jul-1997	9.3	0.78	0.08	0.01	1.67	0.00	-46.10	0.03	0.00	997.03
Aug-1997	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.01	0.00	995.36
Sep-1997	6.3	0.53	1.97	0.16	1.39	0.18	-21.83	0.00	0.00	993.96
Oct-1997	4.34	0.36	0.08	0.01	1.25	0.00	-21.30	0.00	0.00	992.71
Nov-1997	2.4	0.20	1.38	0.12	0.98	0.02	-5.12	0.00	0.00	991.73
Dec-1997	1.55	0.13	2.68	0.22	0.84	0.53	5.12	5.12	0.00	990.90
Jan-1998	1.55	0.13	1.42	0.12	0.84	0.03	-0.68	4.94	0.00	990.06
Feb-1998	2.52	0.21	7.76	0.65	0.70	7.03	19.17	19.06	0.00	1004.00
Mar-1998	4.03	0.34	3.66	0.31	0.84	1.32	-3.17	22.91	0.00	1003.16
Apr-1998	5.7	0.48	1.69	0.14	0.98	0.09	-20.14	11.21	0.00	1002.19
May-1998	7.75	0.65	1.3	0.11	1.25	0.01	-32.26	4.03	0.00	1000.93
Jun-1998	8.7	0.73	0.04	0.00	1.53	0.00	-43.30	1.10	0.00	999.40
Jul-1998	9.3	0.78	0.08	0.01	1.67	0.00	-46.10	0.29	0.00	997.73
Aug-1998	8.37	0.70	1.65	0.14	1.67	0.07	-33.67	0.11	0.00	996.05
Sep-1998	6.3	0.53	0.32	0.03	1.39	0.00	-29.90	0.05	0.00	994.66
Oct-1998	4.34	0.36	0.04	0.00	1.25	0.00	-21.50	0.03	0.00	993.41
Nov-1998	2.4	0.20	1.38	0.12	0.98	0.02	-5.12	0.02	0.00	992.43
Dec-1998	1.55	0.13	1.42	0.12	0.84	0.03	-0.68	0.02	0.00	991.59
Jan-1999	1.55	0.13	1.58	0.13	0.84	0.06	0.09	0.12	0.00	990.76
Feb-1999	2.52	0.21	0.87	0.07	0.70	0.00	-8.25	0.07	0.00	990.06
Mar-1999	4.03	0.34	0.71	0.06	0.84	0.00	-16.60	0.04	0.00	989.22
Apr-1999	5.7	0.48	1.73	0.14	0.98	0.10	-19.95	0.02	0.00	988.25
May-1999	7.75	0.65	0.2	0.02	1.25	0.00	-37.75	0.01	0.00	986.99
Jun-1999	8.7	0.73	0.32	0.03	1.53	0.00	-41.90	0.00	0.00	985.46
Jul-1999	9.3	0.78	0.87	0.07	1.67	0.00	-42.15	0.00	0.00	983.79
Aug-1999	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.00	0.00	982.11
Sep-1999	6.3	0.53	0.08	0.01	1.39	0.00	-31.10	0.00	0.00	980.72
Oct-1999	4.34	0.36	0.2	0.02	1.25	0.00	-20.70	0.00	0.00	979.47
Nov-1999	2.4	0.20	0.04	0.00	0.98	0.00	-11.80	0.00	0.00	978.49
Dec-1999	1.55	0.13	0.2	0.02	0.84	0.00	-6.75	0.00	0.00	977.65
Jan-2000	1.55	0.13	0.71	0.06	0.84	0.00	-4.20	0.00	0.00	976.82
Feb-2000	2.52	0.21	3.58	0.30	0.70	1.24	4.06	4.06	0.00	976.12
Mar-2000	4.03	0.34	1.14	0.10	0.84	0.00	-14.45	1.99	0.00	975.28
Apr-2000	5.7	0.48	0.55	0.05	0.98	0.00	-25.75	0.79	0.00	974.31
May-2000	7.75	0.65	0.04	0.00	1.25	0.00	-38.55	0.23	0.00	973.05
Jun-2000	8.7	0.73	0.28	0.02	1.53	0.00	-42.10	0.06	0.00	971.52
Jul-2000	9.3	0.78	0	0.00	1.67	0.00	-46.50	0.02	0.00	969.85
Aug-2000	8.37	0.70	0.79	0.07	1.67	0.00	-37.90	0.01	0.00	968.17
Sep-2000	6.3	0.53	0.16	0.01	1.39	0.00	-30.70	0.00	0.00	966.78

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1

Oct-2000	4.34	0.36	0.67	0.06	1.25	0.00	-18.35	0.00	0.00	965.53
Nov-2000	2.4	0.20	0.28	0.02	0.98	0.00	-10.60	0.00	0.00	964.55
Dec-2000	1.55	0.13	0.08	0.01	0.84	0.00	-7.35	0.00	0.00	963.71
Jan-2001	1.55	0.13	1.69	0.14	0.84	0.09	0.61	0.62	0.00	962.88
Feb-2001	2.52	0.21	2.56	0.21	0.70	0.46	-0.26	0.69	0.00	962.18
Mar-2001	4.03	0.34	0.87	0.07	0.84	0.00	-15.80	0.32	0.00	961.34
Apr-2001	5.7	0.48	1.02	0.09	0.98	0.00	-23.40	0.13	0.00	960.37
May-2001	7.75	0.65	0	0.00	1.25	0.00	-38.75	0.04	0.00	959.11
Jun-2001	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.01	0.00	957.58
Jul-2001	9.3	0.78	0.04	0.00	1.67	0.00	-46.30	0.00	0.00	955.91
Aug-2001	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.00	0.00	954.23
Sep-2001	6.3	0.53	2.44	0.20	1.39	0.39	-19.69	0.00	0.00	952.84
Oct-2001	4.34	0.36	0	0.00	1.25	0.00	-21.70	0.00	0.00	951.59
Nov-2001	2.4	0.20	0.59	0.05	0.98	0.00	-9.05	0.00	0.00	950.61
Dec-2001	1.55	0.13	1.1	0.09	0.84	0.00	-2.25	0.00	0.00	949.77
Jan-2002	1.55	0.13	0.32	0.03	0.84	0.00	-6.15	0.00	0.00	948.94
Feb-2002	2.52	0.21	0.16	0.01	0.70	0.00	-11.80	0.00	0.00	948.24
Mar-2002	4.03	0.34	0.67	0.06	0.84	0.00	-16.80	0.00	0.00	947.40
Apr-2002	5.7	0.48	0.43	0.04	0.98	0.00	-26.35	0.00	0.00	946.43
May-2002	7.75	0.65	0	0.00	1.25	0.00	-38.75	0.00	0.00	945.17
Jun-2002	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.00	0.00	943.64
Jul-2002	9.3	0.78	0	0.00	1.67	0.00	-46.50	0.00	0.00	941.97
Aug-2002	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.00	0.00	940.29
Sep-2002	6.3	0.53	0.95	0.08	1.39	0.00	-26.75	0.00	0.00	938.90
Oct-2002	4.34	0.36	0.16	0.01	1.25	0.00	-20.90	0.00	0.00	937.65
Nov-2002	2.4	0.20	1.46	0.12	0.98	0.03	-4.73	0.00	0.00	936.67
Dec-2002	1.55	0.13	1.38	0.12	0.84	0.02	-0.87	0.00	0.00	935.83
Jan-2003	1.55	0.13	0.16	0.01	0.84	0.00	-6.95	0.00	0.00	935.00
Feb-2003	2.52	0.21	3.62	0.30	0.70	1.28	4.22	4.22	0.00	934.30
Mar-2003	4.03	0.34	1.42	0.12	0.84	0.03	-13.08	2.20	0.00	933.46
Apr-2003	5.7	0.48	1.5	0.13	0.98	0.04	-21.04	1.00	0.00	932.49
May-2003	7.75	0.65	0.83	0.07	1.25	0.00	-34.60	0.33	0.00	931.23
Jun-2003	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.09	0.00	929.70
Jul-2003	9.3	0.78	0.2	0.02	1.67	0.00	-45.50	0.02	0.00	928.03
Aug-2003	8.37	0.70	1.93	0.16	1.67	0.16	-32.36	0.01	0.00	926.35
Sep-2003	6.3	0.53	0.04	0.00	1.39	0.00	-31.30	0.00	0.00	924.96
Oct-2003	4.34	0.36	0	0.00	1.25	0.00	-21.70	0.00	0.00	923.71
Nov-2003	2.4	0.20	0.55	0.05	0.98	0.00	-9.25	0.00	0.00	922.73
Dec-2003	1.55	0.13	1.5	0.13	0.84	0.04	-0.29	0.00	0.00	921.89
Jan-2004	1.55	0.13	0.59	0.05	0.84	0.00	-4.80	0.00	0.00	921.06
Feb-2004	2.52	0.21	3.66	0.31	0.70	1.32	4.38	4.38	0.00	920.36
Mar-2004	4.03	0.34	1.54	0.13	0.84	0.05	-12.50	2.35	0.00	919.52
Apr-2004	5.7	0.48	0.66	0.06	0.98	0.00	-25.20	0.93	0.00	918.55
May-2004	7.75	0.65	0	0.00	1.25	0.00	-38.75	0.27	0.00	917.29
Jun-2004	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.07	0.00	915.76

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1

Jul-2004	9.3	0.78	0.24	0.02	1.67	0.00	-45.30	0.02	0.00	914.09
Aug-2004	8.37	0.70	0.51	0.04	1.67	0.00	-39.30	0.01	0.00	912.41
Sep-2004	6.3	0.53	0.04	0.00	1.39	0.00	-31.30	0.00	0.00	911.02
Oct-2004	4.34	0.36	6.58	0.55	1.25	5.11	6.09	5.86	0.00	916.49
Nov-2004	2.4	0.20	0.67	0.06	0.98	0.00	-8.65	4.70	0.00	915.52
Dec-2004	1.55	0.13	4.14	0.35	0.84	1.81	11.14	13.35	0.00	985.77
Jan-2005	1.55	0.13	3.55	0.30	0.84	1.21	8.79	19.04	0.00	1004.00
Feb-2005	2.52	0.21	4.18	0.35	0.70	1.86	6.44	26.17	0.00	1004.00
Mar-2005	4.03	0.34	1.02	0.09	0.84	0.00	-15.05	21.31	0.00	1003.16
Apr-2005	5.7	0.48	0.39	0.03	0.98	0.00	-26.55	8.30	0.00	1002.19
May-2005	7.75	0.65	0.04	0.00	1.25	0.00	-38.55	2.44	0.00	1000.93
Jun-2005	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.66	0.00	999.40
Jul-2005	9.3	0.78	0.55	0.05	1.67	0.00	-43.75	0.18	0.00	997.73
Aug-2005	8.37	0.70	3.19	0.27	1.67	0.90	-26.80	0.08	0.00	996.05
Sep-2005	6.3	0.53	0.08	0.01	1.39	0.00	-31.10	0.04	0.00	994.66
Oct-2005	4.34	0.36	0.59	0.05	1.25	0.00	-18.75	0.02	0.00	993.41
Nov-2005	2.4	0.20	0.04	0.00	0.98	0.00	-11.80	0.02	0.00	992.43
Dec-2005	1.55	0.13	0.12	0.01	0.84	0.00	-7.15	0.01	0.00	991.59
Jan-2006	1.55	0.13	0.51	0.04	0.84	0.00	-5.20	0.01	0.00	990.76
Feb-2006	2.52	0.21	1.06	0.09	0.70	0.00	-7.30	0.01	0.00	990.06
Mar-2006	4.03	0.34	2.64	0.22	0.84	0.51	-7.46	0.01	0.00	989.22
Apr-2006	5.7	0.48	1.73	0.14	0.98	0.10	-19.95	0.00	0.00	988.25
May-2006	7.75	0.65	0.08	0.01	1.25	0.00	-38.35	0.00	0.00	986.99
Jun-2006	8.7	0.73	0.16	0.01	1.53	0.00	-42.70	0.00	0.00	985.46
Jul-2006	9.3	0.78	0.35	0.03	1.67	0.00	-44.75	0.00	0.00	983.79
Aug-2006	8.37	0.70	0.08	0.01	1.67	0.00	-41.45	0.00	0.00	982.11
Sep-2006	6.3	0.53	0.04	0.00	1.39	0.00	-31.30	0.00	0.00	980.72
Oct-2006	4.34	0.36	0.24	0.02	1.25	0.00	-20.50	0.00	0.00	979.47
Nov-2006	2.4	0.20	0.08	0.01	0.98	0.00	-11.60	0.00	0.00	978.49
Dec-2006	1.55	0.13	0.79	0.07	0.84	0.00	-3.80	0.00	0.00	977.65
Jan-2007	1.55	0.13	0.35	0.03	0.84	0.00	-6.00	0.00	0.00	976.82
Feb-2007	2.52	0.21	1.3	0.11	0.70	0.01	-6.11	0.00	0.00	976.12
Mar-2007	4.03	0.34	0.39	0.03	0.84	0.00	-18.20	0.00	0.00	975.28
Apr-2007	5.7	0.48	0.32	0.03	0.98	0.00	-26.90	0.00	0.00	974.31
May-2007	7.75	0.65	0	0.00	1.25	0.00	-38.75	0.00	0.00	973.05
Jun-2007	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.00	0.00	971.52
Jul-2007	9.3	0.78	0	0.00	1.67	0.00	-46.50	0.00	0.00	969.85
Aug-2007	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.00	0.00	968.17
Sep-2007	6.3	0.53	0.16	0.01	1.39	0.00	-30.70	0.00	0.00	966.78
Oct-2007	4.34	0.36	0.16	0.01	1.25	0.00	-20.90	0.00	0.00	965.53
Nov-2007	2.4	0.20	1.65	0.14	0.98	0.07	-3.82	0.00	0.00	964.55
Dec-2007	1.55	0.13	0.79	0.07	0.84	0.00	-3.80	0.00	0.00	963.71
Jan-2008	1.55	0.13	4.32	0.36	0.84	2.02	11.83	10.68	0.00	995.76
Feb-2008	2.52	0.21	2.09	0.17	0.70	0.23	-2.38	9.96	0.00	995.06
Mar-2008	4.03	0.34	0.32	0.03	0.84	0.00	-18.55	4.65	0.00	994.22

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1

Apr-2008	5.7	0.48	0	0.00	0.98	0.00	-28.50	1.79	0.00	993.25
May-2008	7.75	0.65	0.2	0.02	1.25	0.00	-37.75	0.55	0.00	991.99
Jun-2008	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.15	0.00	990.46
Jul-2008	9.3	0.78	0	0.00	1.67	0.00	-46.50	0.04	0.00	988.79
Aug-2008	8.37	0.70	0.24	0.02	1.67	0.00	-40.65	0.01	0.00	987.11
Sep-2008	6.3	0.53	0.63	0.05	1.39	0.00	-28.35	0.01	0.00	985.72
Oct-2008	4.34	0.36	0.04	0.00	1.25	0.00	-21.50	0.00	0.00	984.46
Nov-2008	2.4	0.20	1.38	0.12	0.98	0.02	-5.12	0.00	0.00	983.49
Dec-2008	1.55	0.13	5.39	0.45	0.84	3.36	15.84	13.77	0.00	1004.00
Jan-2009	1.55	0.13	0.08	0.01	0.84	0.00	-7.35	11.05	0.00	1003.16
Feb-2009	2.52	0.21	2.56	0.21	0.70	0.46	-0.26	10.97	0.00	1003.60
Mar-2009	4.03	0.34	0	0.00	0.84	0.00	-20.15	6.32	0.00	1002.77
Apr-2009	5.7	0.48	0.16	0.01	0.98	0.00	-27.70	2.01	0.00	1001.79
May-2009	7.75	0.65	0	0.00	1.25	0.00	-38.75	0.60	0.00	1000.54
Jun-2009	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.16	0.00	999.00
Jul-2009	9.3	0.78	0.32	0.03	1.67	0.00	-44.90	0.05	0.00	997.33
Aug-2009	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.01	0.00	995.66
Sep-2009	6.3	0.53	0	0.00	1.39	0.00	-31.50	0.01	0.00	994.26
Oct-2009	4.34	0.36	0.04	0.00	1.25	0.00	-21.50	0.00	0.00	993.01
Nov-2009	2.4	0.20	0.43	0.04	0.98	0.00	-9.85	0.00	0.00	992.03
Dec-2009	1.55	0.13	3.31	0.28	0.84	1.00	7.80	7.57	0.00	997.89
Jan-2010	1.55	0.13	5.75	0.48	0.84	3.87	17.13	19.74	0.00	1004.00
Feb-2010	2.52	0.21	2.76	0.23	0.70	0.58	0.62	22.51	0.00	1004.00
Mar-2010	4.03	0.34	1.18	0.10	0.84	0.00	-14.25	16.81	0.00	1003.16
Apr-2010	5.7	0.48	1.46	0.12	0.98	0.03	-21.23	7.63	0.00	1002.19
May-2010	7.75	0.65	0	0.00	1.25	0.00	-38.75	2.20	0.00	1000.93
Jun-2010	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.59	0.00	999.40
Jul-2010	9.3	0.78	0.04	0.00	1.67	0.00	-46.30	0.15	0.00	997.73
Aug-2010	8.37	0.70	0	0.00	1.67	0.00	-41.85	0.05	0.00	996.05
Sep-2010	6.3	0.53	0	0.00	1.39	0.00	-31.50	0.02	0.00	994.66
Oct-2010	4.34	0.36	4.1	0.34	1.25	1.77	-2.97	0.02	0.00	993.41
Nov-2010	2.4	0.20	0.83	0.07	0.98	0.00	-7.85	0.01	0.00	992.43
Dec-2010	1.55	0.13	4.1	0.34	0.84	1.77	10.98	10.04	0.00	1004.00
Jan-2011	1.55	0.13	0.47	0.04	0.84	0.00	-5.40	8.60	0.00	1003.16
Feb-2011	2.52	0.21	4.52	0.38	0.70	2.25	7.75	14.49	0.00	1004.00
Mar-2011	4.03	0.34	1.65	0.14	0.84	0.07	-11.97	13.70	0.00	1003.16
Apr-2011	5.7	0.48	0.24	0.02	0.98	0.00	-27.30	4.87	0.00	1002.19
May-2011	7.75	0.65	0.71	0.06	1.25	0.00	-35.20	1.53	0.00	1000.93
Jun-2011	8.7	0.73	0.16	0.01	1.53	0.00	-42.70	0.40	0.00	999.40
Jul-2011	9.3	0.78	0.55	0.05	1.67	0.00	-43.75	0.11	0.00	997.73
Aug-2011	8.37	0.70	0.34	0.03	1.67	0.00	-40.15	0.03	0.00	996.05
Sep-2011	6.3	0.53	0	0.00	1.39	0.00	-31.50	0.01	0.00	994.66
Oct-2011	4.34	0.36	0.5	0.04	1.25	0.00	-19.20	0.01	0.00	993.41
Nov-2011	2.4	0.20	2.71	0.23	0.98	0.55	1.00	1.01	0.00	992.43
Dec-2011	1.55	0.13	1.95	0.16	0.84	0.17	1.83	2.84	0.00	991.59

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1

Jan-2012	1.55	0.13	0.77	0.06	0.84	0.00	-3.90	2.28	0.00	990.76
Feb-2012	2.52	0.21	1.26	0.11	0.70	0.01	-6.31	1.68	0.00	990.06
Mar-2012	4.03	0.34	1.87	0.16	0.84	0.14	-10.94	1.07	0.00	989.22
Apr-2012	5.7	0.48	1.77	0.15	0.98	0.11	-19.76	0.54	0.00	988.25
May-2012	7.75	0.65	0	0.00	1.25	0.00	-38.75	0.16	0.00	986.99
Jun-2012	8.7	0.73	0	0.00	1.53	0.00	-43.50	0.04	0.00	985.46

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1B

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0.33	0.03	3.90	0.00	-44.86	26.25	0.00	1000.10
Aug-1982	8.37	0.70	0.56	0.05	3.90	0.00	-39.06	7.24	0.00	996.21
Sep-1982	6.3	0.53	0.37	0.03	3.62	0.00	-29.65	2.95	0.00	992.59
Oct-1982	4.34	0.36	0.13	0.01	3.48	0.00	-21.06	1.59	0.00	989.12
Nov-1982	2.4	0.20	4.38	0.36	3.20	2.08	7.81	9.05	0.00	996.06
Dec-1982	1.55	0.13	3.41	0.28	3.06	1.09	8.22	15.44	0.00	1004.00
Jan-1983	1.55	0.13	2.21	0.18	3.06	0.28	3.03	19.71	0.00	1004.00
Feb-1983	2.52	0.21	4.77	0.40	2.92	2.56	8.71	22.74	0.00	1004.00
Mar-1983	4.03	0.34	9.83	0.82	3.06	10.74	18.25	26.25	0.00	1004.00
Apr-1983	5.7	0.48	2.21	0.18	0.98	0.28	-17.74	26.25	0.00	1003.02
May-1983	7.75	0.65	0.19	0.02	1.25	0.00	-37.79	7.53	0.00	1001.77
Jun-1983	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	2.04	0.00	1000.24
Jul-1983	9.3	0.78	0.01	0.00	1.67	0.00	-46.44	0.53	0.00	998.56
Aug-1983	8.37	0.70	4.02	0.33	1.67	1.68	-23.45	0.27	0.00	996.89
Sep-1983	6.3	0.53	0.67	0.06	1.39	0.00	-28.15	0.12	0.00	995.50
Oct-1983	4.34	0.36	1.15	0.10	1.25	0.00	-15.95	0.08	0.00	994.24
Nov-1983	2.4	0.20	2.43	0.20	0.98	0.39	-0.26	0.13	0.00	993.27
Dec-1983	1.55	0.13	0.99	0.08	0.84	0.00	-2.82	0.11	0.00	992.43
Jan-1984	1.55	0.13	0.12	0.01	0.84	0.00	-7.17	0.08	0.00	991.59
Feb-1984	2.52	0.21	0.00	0.00	0.70	0.00	-12.60	0.05	0.00	990.90
Mar-1984	4.03	0.34	0.04	0.00	0.84	0.00	-19.96	0.03	0.00	990.06
Apr-1984	5.7	0.48	0.24	0.02	0.98	0.00	-27.31	0.01	0.00	989.08
May-1984	7.75	0.65	0.00	0.00	1.25	0.00	-38.75	0.00	0.00	987.83
Jun-1984	8.7	0.73	0.55	0.05	1.53	0.00	-40.77	0.00	0.00	986.30
Jul-1984	9.3	0.78	1.49	0.12	1.67	0.04	-39.07	0.00	0.00	984.62
Aug-1984	8.37	0.70	2.27	0.19	1.67	0.31	-30.79	0.00	0.00	982.95
Sep-1984	6.3	0.53	0.66	0.06	1.39	0.00	-28.19	0.00	0.00	981.56
Oct-1984	4.34	0.36	0.18	0.01	1.25	0.00	-20.80	0.00	0.00	980.30
Nov-1984	2.4	0.20	1.42	0.12	0.98	0.03	-4.95	0.00	0.00	979.33
Dec-1984	1.55	0.13	4.22	0.35	0.84	1.90	11.43	10.37	0.00	1004.00
Jan-1985	1.55	0.13	1.58	0.13	0.84	0.06	0.07	10.42	0.00	1003.89
Feb-1985	2.52	0.21	1.45	0.12	0.70	0.03	-5.38	8.92	0.00	1003.20
Mar-1985	4.03	0.34	0.27	0.02	0.84	0.00	-18.82	4.07	0.00	1002.36
Apr-1985	5.7	0.48	0.04	0.00	0.98	0.00	-28.31	1.58	0.00	1001.38
May-1985	7.75	0.65	0.09	0.01	1.25	0.00	-38.30	0.48	0.00	1000.13
Jun-1985	8.7	0.73	1.72	0.14	1.53	0.09	-34.99	0.17	0.00	998.60
Jul-1985	9.3	0.78	0.00	0.00	1.67	0.00	-46.50	0.04	0.00	996.92
Aug-1985	8.37	0.70	0.33	0.03	1.67	0.00	-40.19	0.01	0.00	995.25

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1B

Sep-1985	6.3	0.53	0.68	0.06	1.39	0.00	-28.09	0.01	0.00	993.86
Oct-1985	4.34	0.36	4.49	0.37	1.25	2.22	-1.45	0.04	0.00	992.60
Nov-1985	2.4	0.20	1.75	0.15	0.98	0.10	-3.37	0.03	0.00	991.63
Dec-1985	1.55	0.13	0.00	0.00	0.84	0.00	-7.75	0.02	0.00	990.79
Jan-1986	1.55	0.13	0.74	0.06	0.84	0.00	-4.03	0.01	0.00	989.95
Feb-1986	2.52	0.21	3.50	0.29	0.70	1.17	3.73	3.74	0.00	989.26
Mar-1986	4.03	0.34	3.44	0.29	0.84	1.11	-4.08	3.05	0.00	988.42
Apr-1986	5.7	0.48	0.28	0.02	0.98	0.00	-27.12	0.98	0.00	987.44
May-1986	7.75	0.65	0.01	0.00	1.25	0.00	-38.69	0.27	0.00	986.19
Jun-1986	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.07	0.00	984.66
Jul-1986	9.3	0.78	0.35	0.03	1.67	0.00	-44.76	0.02	0.00	982.98
Aug-1986	8.37	0.70	0.06	0.00	1.67	0.00	-41.56	0.01	0.00	981.31
Sep-1986	6.3	0.53	1.31	0.11	1.39	0.01	-24.98	0.00	0.00	979.92
Oct-1986	4.34	0.36	2.10	0.17	1.25	0.23	-11.44	0.00	0.00	978.66
Nov-1986	2.4	0.20	0.57	0.05	0.98	0.00	-9.17	0.00	0.00	977.69
Dec-1986	1.55	0.13	0.71	0.06	0.84	0.00	-4.18	0.00	0.00	976.85
Jan-1987	1.55	0.13	1.64	0.14	0.84	0.07	0.39	0.39	0.00	976.01
Feb-1987	2.52	0.21	2.53	0.21	0.70	0.44	-0.39	0.41	0.00	975.32
Mar-1987	4.03	0.34	2.55	0.21	0.84	0.46	-7.83	0.27	0.00	974.48
Apr-1987	5.7	0.48	0.20	0.02	0.98	0.00	-27.53	0.09	0.00	973.50
May-1987	7.75	0.65	0.08	0.01	1.25	0.00	-38.34	0.03	0.00	972.25
Jun-1987	8.7	0.73	0.01	0.00	1.53	0.00	-43.44	0.01	0.00	970.72
Jul-1987	9.3	0.78	0.00	0.00	1.67	0.00	-46.50	0.00	0.00	969.04
Aug-1987	8.37	0.70	0.64	0.05	1.67	0.00	-38.63	0.00	0.00	967.37
Sep-1987	6.3	0.53	0.48	0.04	1.39	0.00	-29.12	0.00	0.00	965.98
Oct-1987	4.34	0.36	3.10	0.26	1.25	0.83	-7.02	0.00	0.00	964.72
Nov-1987	2.4	0.20	2.46	0.20	0.98	0.40	-0.12	0.11	0.00	963.75
Dec-1987	1.55	0.13	1.81	0.15	0.84	0.12	1.16	1.27	0.00	962.91
Jan-1988	1.55	0.13	3.46	0.29	0.84	1.13	8.42	9.00	0.00	981.67
Feb-1988	2.52	0.21	1.93	0.16	0.70	0.16	-3.13	10.82	0.00	980.97
Mar-1988	4.03	0.34	0.71	0.06	0.84	0.00	-16.58	5.25	0.00	980.13
Apr-1988	5.7	0.48	2.46	0.21	0.98	0.40	-16.60	2.84	0.00	979.16
May-1988	7.75	0.65	0.35	0.03	1.25	0.00	-36.98	0.81	0.00	977.90
Jun-1988	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.20	0.00	976.37
Jul-1988	9.3	0.78	0.02	0.00	1.67	0.00	-46.38	0.05	0.00	974.70
Aug-1988	8.37	0.70	1.63	0.14	1.67	0.07	-33.75	0.02	0.00	973.02
Sep-1988	6.3	0.53	0.00	0.00	1.39	0.00	-31.50	0.01	0.00	971.63
Oct-1988	4.34	0.36	0.00	0.00	1.25	0.00	-21.70	0.00	0.00	970.37
Nov-1988	2.4	0.20	1.07	0.09	0.98	0.00	-6.64	0.00	0.00	969.40
Dec-1988	1.55	0.13	2.10	0.17	0.84	0.23	2.51	2.52	0.00	968.56
Jan-1989	1.55	0.13	1.05	0.09	0.84	0.00	-2.52	2.20	0.00	967.73
Feb-1989	2.52	0.21	1.17	0.10	0.70	0.00	-6.73	1.60	0.00	967.03
Mar-1989	4.03	0.34	1.63	0.14	0.84	0.07	-12.05	0.99	0.00	966.19
Apr-1989	5.7	0.48	0.21	0.02	0.98	0.00	-27.47	0.40	0.00	965.22
May-1989	7.75	0.65	0.13	0.01	1.25	0.00	-38.11	0.12	0.00	963.96

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1B

Jun-1989	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.03	0.00	962.43
Jul-1989	9.3	0.78	0.00	0.00	1.67	0.00	-46.50	0.01	0.00	960.76
Aug-1989	8.37	0.70	0.00	0.00	1.67	0.00	-41.85	0.00	0.00	959.08
Sep-1989	6.3	0.53	0.17	0.01	1.39	0.00	-30.66	0.00	0.00	957.69
Oct-1989	4.34	0.36	0.35	0.03	1.25	0.00	-19.93	0.00	0.00	956.43
Nov-1989	2.4	0.20	0.03	0.00	0.98	0.00	-11.84	0.00	0.00	955.46
Dec-1989	1.55	0.13	0.29	0.02	0.84	0.00	-6.31	0.00	0.00	954.62
Jan-1990	1.55	0.13	3.03	0.25	0.84	0.78	6.64	6.65	0.00	953.79
Feb-1990	2.52	0.21	1.76	0.15	0.70	0.11	-3.91	5.41	0.00	953.09
Mar-1990	4.03	0.34	0.69	0.06	0.84	0.00	-16.70	2.68	0.00	952.25
Apr-1990	5.7	0.48	0.98	0.08	0.98	0.00	-23.61	1.20	0.00	951.28
May-1990	7.75	0.65	0.23	0.02	1.25	0.00	-37.62	0.37	0.00	950.02
Jun-1990	8.7	0.73	0.22	0.02	1.53	0.00	-42.41	0.10	0.00	948.49
Jul-1990	9.3	0.78	0.11	0.01	1.67	0.00	-45.95	0.03	0.00	946.82
Aug-1990	8.37	0.70	0.18	0.01	1.67	0.00	-40.95	0.01	0.00	945.14
Sep-1990	6.3	0.53	0.62	0.05	1.39	0.00	-28.42	0.00	0.00	943.75
Oct-1990	4.34	0.36	0.04	0.00	1.25	0.00	-21.51	0.00	0.00	942.49
Nov-1990	2.4	0.20	0.55	0.05	0.98	0.00	-9.23	0.00	0.00	941.52
Dec-1990	1.55	0.13	1.29	0.11	0.84	0.01	-1.32	0.00	0.00	940.68
Jan-1991	1.55	0.13	1.34	0.11	0.84	0.01	-1.08	0.00	0.00	939.85
Feb-1991	2.52	0.21	2.21	0.18	0.70	0.28	-1.82	0.00	0.00	939.15
Mar-1991	4.03	0.34	12.06	1.01	0.84	15.10	25.06	19.15	0.00	1004.00
Apr-1991	5.7	0.48	0.05	0.00	0.98	0.00	-28.25	11.65	0.00	1003.02
May-1991	7.75	0.65	0.00	0.00	1.25	0.00	-38.75	2.62	0.00	1001.77
Jun-1991	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.63	0.00	1000.24
Jul-1991	9.3	0.78	0.61	0.05	1.67	0.00	-43.44	0.17	0.00	998.56
Aug-1991	8.37	0.70	0.00	0.00	1.67	0.00	-41.85	0.05	0.00	996.89
Sep-1991	6.3	0.53	0.35	0.03	1.39	0.00	-29.75	0.02	0.00	995.50
Oct-1991	4.34	0.36	0.58	0.05	1.25	0.00	-18.81	0.01	0.00	994.24
Nov-1991	2.4	0.20	0.30	0.02	0.98	0.00	-10.52	0.01	0.00	993.27
Dec-1991	1.55	0.13	2.80	0.23	0.84	0.61	5.64	5.65	0.00	992.43
Jan-1992	1.55	0.13	2.68	0.22	0.84	0.53	5.13	9.91	0.00	1004.00
Feb-1992	2.52	0.21	5.00	0.42	0.70	2.85	9.57	17.05	0.00	1004.00
Mar-1992	4.03	0.34	4.89	0.41	0.84	2.70	1.58	17.31	0.00	1004.00
Apr-1992	5.7	0.48	0.67	0.06	0.98	0.00	-25.13	11.32	0.00	1003.02
May-1992	7.75	0.65	0.23	0.02	1.25	0.00	-37.62	2.62	0.00	1001.77
Jun-1992	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.62	0.00	1000.24
Jul-1992	9.3	0.78	0.74	0.06	1.67	0.00	-42.78	0.17	0.00	998.56
Aug-1992	8.37	0.70	2.03	0.17	1.67	0.20	-31.91	0.07	0.00	996.89
Sep-1992	6.3	0.53	0.00	0.00	1.39	0.00	-31.50	0.03	0.00	995.50
Oct-1992	4.34	0.36	0.24	0.02	1.25	0.00	-20.51	0.01	0.00	994.24
Nov-1992	2.4	0.20	0.06	0.00	0.98	0.00	-11.71	0.01	0.00	993.27
Dec-1992	1.55	0.13	4.00	0.33	0.84	1.66	10.58	9.72	0.00	1004.00
Jan-1993	1.55	0.13	18.44	1.54	0.84	28.69	55.76	26.25	0.00	1004.00
Feb-1993	2.52	0.21	6.45	0.54	0.70	4.91	14.74	26.25	0.00	1004.00

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1B

Mar-1993	4.03	0.34	1.51	0.13	0.84	0.04	-12.63	26.25	0.00	1003.16
Apr-1993	5.7	0.48	0.00	0.00	0.98	0.00	-28.50	10.06	0.00	1002.19
May-1993	7.75	0.65	0.12	0.01	1.25	0.00	-38.17	3.14	0.00	1000.93
Jun-1993	8.7	0.73	0.16	0.01	1.53	0.00	-42.70	0.90	0.00	999.40
Jul-1993	9.3	0.78	0.00	0.00	1.67	0.00	-46.50	0.24	0.00	997.73
Aug-1993	8.37	0.70	0.00	0.00	1.67	0.00	-41.85	0.07	0.00	996.05
Sep-1993	6.3	0.53	0.00	0.00	1.39	0.00	-31.50	0.03	0.00	994.66
Oct-1993	4.34	0.36	0.30	0.02	1.25	0.00	-20.22	0.02	0.00	993.41
Nov-1993	2.4	0.20	1.48	0.12	0.98	0.04	-4.65	0.02	0.00	992.43
Dec-1993	1.55	0.13	1.15	0.10	0.84	0.00	-2.00	0.01	0.00	991.59
Jan-1994	1.55	0.13	1.68	0.14	0.84	0.08	0.59	0.60	0.00	990.76
Feb-1994	2.52	0.21	4.11	0.34	0.70	1.78	6.16	6.63	0.00	993.74
Mar-1994	4.03	0.34	3.11	0.26	0.84	0.84	-5.43	5.75	0.00	992.91
Apr-1994	5.7	0.48	1.34	0.11	0.98	0.01	-21.83	2.11	0.00	991.93
May-1994	7.75	0.65	0.00	0.00	1.25	0.00	-38.75	0.58	0.00	990.68
Jun-1994	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.15	0.00	989.14
Jul-1994	9.3	0.78	0.00	0.00	1.67	0.00	-46.50	0.04	0.00	987.47
Aug-1994	8.37	0.70	1.21	0.10	1.67	0.00	-35.83	0.01	0.00	985.80
Sep-1994	6.3	0.53	0.00	0.00	1.39	0.00	-31.50	0.01	0.00	984.40
Oct-1994	4.34	0.36	0.19	0.02	1.25	0.00	-20.74	0.00	0.00	983.15
Nov-1994	2.4	0.20	0.68	0.06	0.98	0.00	-8.61	0.00	0.00	982.17
Dec-1994	1.55	0.13	0.96	0.08	0.84	0.00	-2.93	0.00	0.00	981.34
Jan-1995	1.55	0.13	10.03	0.84	0.84	11.12	31.27	22.93	0.00	1004.00
Feb-1995	2.52	0.21	3.25	0.27	0.70	0.95	2.70	23.79	0.00	1004.00
Mar-1995	4.03	0.34	6.56	0.55	0.84	5.08	7.59	26.07	0.00	1004.00
Apr-1995	5.7	0.48	1.25	0.10	0.98	0.01	-22.27	22.79	0.00	1003.02
May-1995	7.75	0.65	1.09	0.09	1.25	0.00	-33.29	7.24	0.00	1001.77
Jun-1995	8.7	0.73	0.48	0.04	1.53	0.00	-41.12	2.02	0.00	1000.24
Jul-1995	9.3	0.78	0.06	0.00	1.67	0.00	-46.21	0.51	0.00	998.56
Aug-1995	8.37	0.70	0.64	0.05	1.67	0.00	-38.67	0.17	0.00	996.89
Sep-1995	6.3	0.53	0.28	0.02	1.39	0.00	-30.10	0.07	0.00	995.50
Oct-1995	4.34	0.36	0.00	0.00	1.25	0.00	-21.70	0.04	0.00	994.24
Nov-1995	2.4	0.20	0.08	0.01	0.98	0.00	-11.61	0.03	0.00	993.27
Dec-1995	1.55	0.13	0.57	0.05	0.84	0.00	-4.92	0.02	0.00	992.43
Jan-1996	1.55	0.13	1.52	0.13	0.84	0.05	-0.17	0.02	0.00	991.59
Feb-1996	2.52	0.21	3.17	0.26	0.70	0.89	2.39	2.41	0.00	990.90
Mar-1996	4.03	0.34	2.73	0.23	0.84	0.56	-7.06	1.65	0.00	990.06
Apr-1996	5.7	0.48	0.53	0.04	0.98	0.00	-25.87	0.58	0.00	989.08
May-1996	7.75	0.65	0.07	0.01	1.25	0.00	-38.40	0.16	0.00	987.83
Jun-1996	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.04	0.00	986.30
Jul-1996	9.3	0.78	0.00	0.00	1.67	0.00	-46.50	0.01	0.00	984.62
Aug-1996	8.37	0.70	0.07	0.01	1.67	0.00	-41.50	0.00	0.00	982.95
Sep-1996	6.3	0.53	0.03	0.00	1.39	0.00	-31.34	0.00	0.00	981.56
Oct-1996	4.34	0.36	1.54	0.13	1.25	0.05	-14.05	0.00	0.00	980.30
Nov-1996	2.4	0.20	0.91	0.08	0.98	0.00	-7.44	0.00	0.00	979.33

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1B

Dec-1996	1.55	0.13	1.97	0.16	0.84	0.18	1.90	1.90	0.00	978.49
Jan-1997	1.55	0.13	4.29	0.36	0.84	1.99	11.73	12.09	0.00	1004.00
Feb-1997	2.52	0.21	1.51	0.13	0.70	0.04	-5.08	10.40	0.00	1003.30
Mar-1997	4.03	0.34	0.02	0.00	0.84	0.00	-20.05	4.65	0.00	1002.47
Apr-1997	5.7	0.48	0.22	0.02	0.98	0.00	-27.41	1.88	0.00	1001.49
May-1997	7.75	0.65	0.00	0.00	1.25	0.00	-38.75	0.57	0.00	1000.24
Jun-1997	8.7	0.73	0.07	0.01	1.53	0.00	-43.15	0.16	0.00	998.70
Jul-1997	9.3	0.78	1.91	0.16	1.67	0.16	-37.08	0.05	0.00	997.03
Aug-1997	8.37	0.70	0.16	0.01	1.67	0.00	-41.05	0.02	0.00	995.36
Sep-1997	6.3	0.53	1.74	0.15	1.39	0.10	-22.88	0.01	0.00	993.96
Oct-1997	4.34	0.36	4.17	0.35	1.25	1.85	-2.70	0.01	0.00	992.71
Nov-1997	2.4	0.20	0.00	0.00	0.98	0.00	-12.00	0.01	0.00	991.73
Dec-1997	1.55	0.13	0.00	0.00	0.84	0.00	-7.75	0.00	0.00	990.90
Jan-1998	1.55	0.13	1.59	0.13	0.84	0.06	0.15	0.15	0.00	990.06
Feb-1998	2.52	0.21	10.27	0.86	0.70	11.59	27.18	20.73	0.00	1004.00
Mar-1998	4.03	0.34	4.36	0.36	0.84	2.06	-0.43	20.12	0.00	1004.00
Apr-1998	5.7	0.48	2.17	0.18	0.98	0.26	-17.90	14.21	0.00	1003.02
May-1998	7.75	0.65	1.16	0.10	1.25	0.00	-32.96	4.16	0.00	1001.77
Jun-1998	8.7	0.73	0.02	0.00	1.53	0.00	-43.38	1.03	0.00	1000.24
Jul-1998	9.3	0.78	0.10	0.01	1.67	0.00	-45.99	0.26	0.00	998.56
Aug-1998	8.37	0.70	0.20	0.02	1.67	0.00	-40.86	0.08	0.00	996.89
Sep-1998	6.3	0.53	0.20	0.02	1.39	0.00	-30.51	0.03	0.00	995.50
Oct-1998	4.34	0.36	0.04	0.00	1.25	0.00	-21.52	0.02	0.00	994.24
Nov-1998	2.4	0.20	1.16	0.10	0.98	0.00	-6.21	0.02	0.00	993.27
Dec-1998	1.55	0.13	1.41	0.12	0.84	0.02	-0.73	0.02	0.00	992.43
Jan-1999	1.55	0.13	1.65	0.14	0.84	0.07	0.41	0.42	0.00	991.59
Feb-1999	2.52	0.21	0.82	0.07	0.70	0.00	-8.49	0.27	0.00	990.90
Mar-1999	4.03	0.34	0.62	0.05	0.84	0.00	-17.05	0.14	0.00	990.06
Apr-1999	5.7	0.48	3.28	0.27	0.98	0.97	-13.07	0.09	0.00	989.08
May-1999	7.75	0.65	0.00	0.00	1.25	0.00	-38.75	0.03	0.00	987.83
Jun-1999	8.7	0.73	0.46	0.04	1.53	0.00	-41.22	0.01	0.00	986.30
Jul-1999	9.3	0.78	0.36	0.03	1.67	0.00	-44.71	0.00	0.00	984.62
Aug-1999	8.37	0.70	0.00	0.00	1.67	0.00	-41.85	0.00	0.00	982.95
Sep-1999	6.3	0.53	0.14	0.01	1.39	0.00	-30.82	0.00	0.00	981.56
Oct-1999	4.34	0.36	0.00	0.00	1.25	0.00	-21.70	0.00	0.00	980.30
Nov-1999	2.4	0.20	0.00	0.00	0.98	0.00	-12.00	0.00	0.00	979.33
Dec-1999	1.55	0.13	0.21	0.02	0.84	0.00	-6.72	0.00	0.00	978.49
Jan-2000	1.55	0.13	0.74	0.06	0.84	0.00	-4.05	0.00	0.00	977.65
Feb-2000	2.52	0.21	4.17	0.35	0.70	1.84	6.38	6.34	0.00	978.28
Mar-2000	4.03	0.34	1.46	0.12	0.84	0.03	-12.89	4.61	0.00	977.45
Apr-2000	5.7	0.48	0.46	0.04	0.98	0.00	-26.22	1.34	0.00	976.47
May-2000	7.75	0.65	0.00	0.00	1.25	0.00	-38.75	0.38	0.00	975.22
Jun-2000	8.7	0.73	0.21	0.02	1.53	0.00	-42.47	0.11	0.00	973.68
Jul-2000	9.3	0.78	0.00	0.00	1.67	0.00	-46.50	0.03	0.00	972.01
Aug-2000	8.37	0.70	0.13	0.01	1.67	0.00	-41.21	0.01	0.00	970.34

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1B

Sep-2000	6.3	0.53	0.30	0.02	1.39	0.00	-30.02	0.00	0.00	968.94
Oct-2000	4.34	0.36	0.64	0.05	1.25	0.00	-18.50	0.00	0.00	967.69
Nov-2000	2.4	0.20	0.39	0.03	0.98	0.00	-10.07	0.00	0.00	966.71
Dec-2000	1.55	0.13	0.04	0.00	0.84	0.00	-7.56	0.00	0.00	965.88
Jan-2001	1.55	0.13	2.90	0.24	0.84	0.68	6.06	6.06	0.00	965.04
Feb-2001	2.52	0.21	4.08	0.34	0.70	1.75	6.06	10.81	0.00	1001.82
Mar-2001	4.03	0.34	1.75	0.15	0.84	0.10	-11.52	16.50	0.00	1000.99
Apr-2001	5.7	0.48	1.44	0.12	0.98	0.03	-21.32	7.61	0.00	1000.01
May-2001	7.75	0.65	0.03	0.00	1.25	0.00	-38.59	2.29	0.00	998.76
Jun-2001	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.64	0.00	997.22
Jul-2001	9.3	0.78	0.12	0.01	1.67	0.00	-45.90	0.18	0.00	995.55
Aug-2001	8.37	0.70	0.00	0.00	1.67	0.00	-41.85	0.06	0.00	993.88
Sep-2001	6.3	0.53	0.24	0.02	1.39	0.00	-30.31	0.02	0.00	992.48
Oct-2001	4.34	0.36	0.00	0.00	1.25	0.00	-21.70	0.01	0.00	991.23
Nov-2001	2.4	0.20	1.10	0.09	0.98	0.00	-6.50	0.01	0.00	990.25
Dec-2001	1.55	0.13	1.01	0.08	0.84	0.00	-2.70	0.01	0.00	989.42
Jan-2002	1.55	0.13	0.40	0.03	0.84	0.00	-5.76	0.01	0.00	988.58
Feb-2002	2.52	0.21	0.12	0.01	0.70	0.00	-12.00	0.01	0.00	987.88
Mar-2002	4.03	0.34	1.11	0.09	0.84	0.00	-14.59	0.00	0.00	987.05
Apr-2002	5.7	0.48	0.39	0.03	0.98	0.00	-26.57	0.00	0.00	986.07
May-2002	7.75	0.65	0.00	0.00	1.25	0.00	-38.75	0.00	0.00	984.82
Jun-2002	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.00	0.00	983.28
Jul-2002	9.3	0.78	0.19	0.02	1.67	0.00	-45.56	0.00	0.00	981.61
Aug-2002	8.37	0.70	0.00	0.00	1.67	0.00	-41.85	0.00	0.00	979.94
Sep-2002	6.3	0.53	1.15	0.10	1.39	0.00	-25.73	0.00	0.00	978.54
Oct-2002	4.34	0.36	0.01	0.00	1.25	0.00	-21.64	0.00	0.00	977.29
Nov-2002	2.4	0.20	1.03	0.09	0.98	0.00	-6.87	0.00	0.00	976.31
Dec-2002	1.55	0.13	1.84	0.15	0.84	0.13	1.32	1.32	0.00	975.48
Jan-2003	1.55	0.13	0.18	0.01	0.84	0.00	-6.85	0.93	0.00	974.64
Feb-2003	2.52	0.21	4.05	0.34	0.70	1.71	5.93	6.80	0.00	975.62
Mar-2003	4.03	0.34	2.17	0.18	0.84	0.26	-9.55	5.32	0.00	974.78
Apr-2003	5.7	0.48	1.54	0.13	0.98	0.05	-20.83	1.99	0.00	973.81
May-2003	7.75	0.65	0.90	0.08	1.25	0.00	-34.25	0.63	0.00	972.55
Jun-2003	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.17	0.00	971.02
Jul-2003	9.3	0.78	1.91	0.16	1.67	0.16	-37.10	0.06	0.00	969.35
Aug-2003	8.37	0.70	1.47	0.12	1.67	0.04	-34.51	0.02	0.00	967.67
Sep-2003	6.3	0.53	0.37	0.03	1.39	0.00	-29.63	0.01	0.00	966.28
Oct-2003	4.34	0.36	0.00	0.00	1.25	0.00	-21.70	0.00	0.00	965.02
Nov-2003	2.4	0.20	0.55	0.05	0.98	0.00	-9.25	0.00	0.00	964.05
Dec-2003	1.55	0.13	1.25	0.10	0.84	0.01	-1.50	0.00	0.00	963.21
Jan-2004	1.55	0.13	0.67	0.06	0.84	0.00	-4.38	0.00	0.00	962.38
Feb-2004	2.52	0.21	4.41	0.37	0.70	2.12	7.33	7.07	0.00	969.18
Mar-2004	4.03	0.34	0.66	0.05	0.84	0.00	-16.87	4.63	0.00	968.35
Apr-2004	5.7	0.48	1.32	0.11	0.98	0.01	-21.92	1.59	0.00	967.37
May-2004	7.75	0.65	0.00	0.00	1.25	0.00	-38.75	0.44	0.00	966.12

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1B

Jun-2004	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.12	0.00	964.58
Jul-2004	9.3	0.78	0.14	0.01	1.67	0.00	-45.80	0.03	0.00	962.91
Aug-2004	8.37	0.70	0.01	0.00	1.67	0.00	-41.79	0.01	0.00	961.24
Sep-2004	6.3	0.53	0.00	0.00	1.39	0.00	-31.50	0.00	0.00	959.84
Oct-2004	4.34	0.36	8.51	0.71	1.25	8.33	12.50	10.82	0.00	1004.00
Nov-2004	2.4	0.20	1.07	0.09	0.98	0.00	-6.64	8.89	0.00	1003.02
Dec-2004	1.55	0.13	4.70	0.39	0.84	2.46	13.27	18.32	0.00	1004.00
Jan-2005	1.55	0.13	5.12	0.43	0.84	3.00	14.85	25.23	0.00	1004.00
Feb-2005	2.52	0.21	4.85	0.40	0.70	2.65	8.99	26.25	0.00	1004.00
Mar-2005	4.03	0.34	1.58	0.13	0.84	0.06	-12.29	26.25	0.00	1003.16
Apr-2005	5.7	0.48	0.58	0.05	0.98	0.00	-25.59	11.03	0.00	1002.19
May-2005	7.75	0.65	0.04	0.00	1.25	0.00	-38.56	3.38	0.00	1000.93
Jun-2005	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.94	0.00	999.40
Jul-2005	9.3	0.78	0.46	0.04	1.67	0.00	-44.18	0.27	0.00	997.73
Aug-2005	8.37	0.70	2.51	0.21	1.67	0.43	-29.74	0.12	0.00	996.05
Sep-2005	6.3	0.53	0.01	0.00	1.39	0.00	-31.44	0.05	0.00	994.66
Oct-2005	4.34	0.36	0.61	0.05	1.25	0.00	-18.64	0.03	0.00	993.41
Nov-2005	2.4	0.20	0.11	0.01	0.98	0.00	-11.45	0.02	0.00	992.43
Dec-2005	1.55	0.13	0.00	0.00	0.84	0.00	-7.75	0.02	0.00	991.59
Jan-2006	1.55	0.13	0.98	0.08	0.84	0.00	-2.88	0.02	0.00	990.76
Feb-2006	2.52	0.21	1.29	0.11	0.70	0.01	-6.17	0.01	0.00	990.06
Mar-2006	4.03	0.34	3.34	0.28	0.84	1.02	-4.48	0.01	0.00	989.22
Apr-2006	5.7	0.48	2.23	0.19	0.98	0.29	-17.63	0.01	0.00	988.25
May-2006	7.75	0.65	0.22	0.02	1.25	0.00	-37.66	0.00	0.00	986.99
Jun-2006	8.7	0.73	0.16	0.01	1.53	0.00	-42.72	0.00	0.00	985.46
Jul-2006	9.3	0.78	0.52	0.04	1.67	0.00	-43.91	0.00	0.00	983.79
Aug-2006	8.37	0.70	0.03	0.00	1.67	0.00	-41.69	0.00	0.00	982.11
Sep-2006	6.3	0.53	0.07	0.01	1.39	0.00	-31.15	0.00	0.00	980.72
Oct-2006	4.34	0.36	0.36	0.03	1.25	0.00	-19.91	0.00	0.00	979.47
Nov-2006	2.4	0.20	0.17	0.01	0.98	0.00	-11.16	0.00	0.00	978.49
Dec-2006	1.55	0.13	1.18	0.10	0.84	0.00	-1.84	0.00	0.00	977.65
Jan-2007	1.55	0.13	0.74	0.06	0.84	0.00	-4.05	0.00	0.00	976.82
Feb-2007	2.52	0.21	3.05	0.25	0.70	0.79	1.88	1.88	0.00	976.12
Mar-2007	4.03	0.34	0.22	0.02	0.84	0.00	-19.06	0.74	0.00	975.28
Apr-2007	5.7	0.48	0.76	0.06	0.98	0.00	-24.70	0.30	0.00	974.31
May-2007	7.75	0.65	0.04	0.00	1.25	0.00	-38.56	0.09	0.00	973.05
Jun-2007	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.02	0.00	971.52
Jul-2007	9.3	0.78	0.18	0.01	1.67	0.00	-45.60	0.01	0.00	969.85
Aug-2007	8.37	0.70	0.13	0.01	1.67	0.00	-41.21	0.00	0.00	968.17
Sep-2007	6.3	0.53	0.01	0.00	1.39	0.00	-31.44	0.00	0.00	966.78
Oct-2007	4.34	0.36	0.17	0.01	1.25	0.00	-20.86	0.00	0.00	965.53
Nov-2007	2.4	0.20	0.32	0.03	0.98	0.00	-10.40	0.00	0.00	964.55
Dec-2007	1.55	0.13	2.66	0.22	0.84	0.52	5.01	5.01	0.00	963.71
Jan-2008	1.55	0.13	7.22	0.60	0.84	6.14	22.23	20.99	0.00	1004.00
Feb-2008	2.52	0.21	2.85	0.24	0.70	0.65	1.03	21.36	0.00	1004.00

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1B

Mar-2008	4.03	0.34	0.51	0.04	0.84	0.00	-17.62	22.15	0.00	1003.16
Apr-2008	5.7	0.48	0.00	0.00	0.98	0.00	-28.50	8.19	0.00	1002.19
May-2008	7.75	0.65	0.26	0.02	1.25	0.00	-37.46	2.54	0.00	1000.93
Jun-2008	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.70	0.00	999.40
Jul-2008	9.3	0.78	0.00	0.00	1.67	0.00	-46.50	0.18	0.00	997.73
Aug-2008	8.37	0.70	1.34	0.11	1.67	0.01	-35.18	0.07	0.00	996.05
Sep-2008	6.3	0.53	0.00	0.00	1.39	0.00	-31.50	0.03	0.00	994.66
Oct-2008	4.34	0.36	0.00	0.00	1.25	0.00	-21.70	0.02	0.00	993.41
Nov-2008	2.4	0.20	1.79	0.15	0.98	0.11	-3.18	0.01	0.00	992.43
Dec-2008	1.55	0.13	6.15	0.51	0.84	4.45	18.53	15.87	0.00	1004.00
Jan-2009	1.55	0.13	0.20	0.02	0.84	0.00	-6.76	12.91	0.00	1003.16
Feb-2009	2.52	0.21	3.66	0.31	0.70	1.32	4.39	16.20	0.00	1004.00
Mar-2009	4.03	0.34	0.09	0.01	0.84	0.00	-19.70	9.08	0.00	1003.16
Apr-2009	5.7	0.48	0.24	0.02	0.98	0.00	-27.31	3.16	0.00	1002.19
May-2009	7.75	0.65	0.00	0.00	1.25	0.00	-38.75	0.94	0.00	1000.93
Jun-2009	8.7	0.73	0.03	0.00	1.53	0.00	-43.34	0.26	0.00	999.40
Jul-2009	9.3	0.78	0.00	0.00	1.67	0.00	-46.50	0.07	0.00	997.73
Aug-2009	8.37	0.70	0.00	0.00	1.67	0.00	-41.85	0.02	0.00	996.05
Sep-2009	6.3	0.53	0.03	0.00	1.39	0.00	-31.34	0.01	0.00	994.66
Oct-2009	4.34	0.36	0.03	0.00	1.25	0.00	-21.54	0.00	0.00	993.41
Nov-2009	2.4	0.20	0.69	0.06	0.98	0.00	-8.53	0.00	0.00	992.43
Dec-2009	1.55	0.13	4.82	0.40	0.84	2.62	13.74	12.15	0.00	1004.00
Jan-2010	1.55	0.13	6.54	0.55	0.84	5.05	19.90	23.82	0.00	1004.00
Feb-2010	2.52	0.21	5.08	0.42	0.70	2.95	9.86	26.25	0.00	1004.00
Mar-2010	4.03	0.34	1.36	0.11	0.84	0.02	-13.38	26.25	0.00	1003.16
Apr-2010	5.7	0.48	2.34	0.19	0.98	0.34	-17.16	14.42	0.00	1002.19
May-2010	7.75	0.65	0.00	0.00	1.25	0.00	-38.75	4.32	0.00	1000.93
Jun-2010	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	1.19	0.00	999.40
Jul-2010	9.3	0.78	0.07	0.01	1.67	0.00	-46.15	0.32	0.00	997.73
Aug-2010	8.37	0.70	0.00	0.00	1.67	0.00	-41.85	0.10	0.00	996.05
Sep-2010	6.3	0.53	0.08	0.01	1.39	0.00	-31.11	0.04	0.00	994.66
Oct-2010	4.34	0.36	3.20	0.27	1.25	0.91	-6.62	0.03	0.00	993.41
Nov-2010	2.4	0.20	1.18	0.10	0.98	0.00	-6.11	0.03	0.00	992.43
Dec-2010	1.55	0.13	8.15	0.68	0.84	7.70	25.29	19.89	0.00	1004.00
Jan-2011	1.55	0.13	0.24	0.02	0.84	0.00	-6.56	17.39	0.00	1003.16
Feb-2011	2.52	0.21	4.89	0.41	0.70	2.70	9.13	22.18	0.00	1004.00
Mar-2011	4.03	0.34	1.63	0.14	0.84	0.07	-12.07	17.25	0.00	1003.16
Apr-2011	5.7	0.48	0.39	0.03	0.98	0.00	-26.57	6.54	0.00	1002.19
May-2011	7.75	0.65	0.71	0.06	1.25	0.00	-35.18	2.12	0.00	1000.93
Jun-2011	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.57	0.00	999.40
Jul-2011	9.3	0.78	0.22	0.02	1.67	0.00	-45.41	0.15	0.00	997.73
Aug-2011	8.37	0.70	1.27	0.11	1.67	0.01	-35.52	0.06	0.00	996.05
Sep-2011	6.3	0.53	0.22	0.02	1.39	0.00	-30.41	0.02	0.00	994.66
Oct-2011	4.34	0.36	0.64	0.05	1.25	0.00	-18.52	0.01	0.00	993.41
Nov-2011	2.4	0.20	3.36	0.28	0.98	1.04	3.77	3.78	0.00	992.43

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 1B

Dec-2011	1.55	0.13	1.61	0.13	0.84	0.06	0.22	4.00	0.00	991.59
Jan-2012	1.55	0.13	0.73	0.06	0.84	0.00	-4.12	3.18	0.00	990.76
Feb-2012	2.52	0.21	2.00	0.17	0.70	0.19	-2.80	2.77	0.00	990.06
Mar-2012	4.03	0.34	2.86	0.24	0.84	0.65	-6.51	2.08	0.00	989.22
Apr-2012	5.7	0.48	2.83	0.24	0.98	0.63	-14.99	1.16	0.00	988.25
May-2012	7.75	0.65	0.00	0.00	1.25	0.00	-38.75	0.32	0.00	986.99
Jun-2012	8.7	0.73	0.00	0.00	1.53	0.00	-43.50	0.08	0.00	985.46

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0	0.00	4.23	0.00	-46.50	26.25	0.00	999.77
Aug-1982	8.37	0.70	0.68	0.06	4.23	0.00	-38.45	7.38	0.00	995.55
Sep-1982	6.3	0.53	0.32	0.03	3.89	0.00	-29.90	2.99	0.00	991.66
Oct-1982	4.34	0.36	0	0.00	3.72	0.00	-21.70	1.57	0.00	987.93
Nov-1982	2.4	0.20	0.71	0.06	3.39	0.00	-8.45	1.23	0.00	984.54
Dec-1982	1.55	0.13	0	0.00	3.22	0.00	-7.75	0.98	0.00	981.32
Jan-1983	1.55	0.13	1.92	0.16	3.22	0.16	1.69	2.67	0.00	978.10
Feb-1983	2.52	0.21	3.35	0.28	3.06	1.03	3.12	5.79	0.00	975.04
Mar-1983	4.03	0.34	8.32	0.69	3.22	8.00	13.45	19.93	86.70	1004.00
Apr-1983	5.7	0.48	1.36	0.11	3.31	0.02	-21.72	13.39	0.00	1000.69
May-1983	7.75	0.65	0.12	0.01	4.48	0.00	-38.15	3.29	0.00	996.21
Jun-1983	8.7	0.73	0	0.00	3.03	0.00	-43.50	0.83	0.00	993.18
Jul-1983	9.3	0.78	0	0.00	2.70	0.00	-46.50	0.21	0.00	990.48
Aug-1983	8.37	0.70	1.18	0.10	2.90	0.00	-35.95	0.07	0.00	987.58
Sep-1983	6.3	0.53	0.95	0.08	2.26	0.00	-26.75	0.04	0.00	985.32
Oct-1983	4.34	0.36	1.06	0.09	1.87	0.00	-16.40	0.02	0.00	983.45
Nov-1983	2.4	0.20	1.42	0.12	1.73	0.03	-4.93	0.02	0.00	981.72
Dec-1983	1.55	0.13	0	0.00	1.38	0.00	-7.75	0.02	0.00	980.34
Jan-1984	1.55	0.13	0.24	0.02	1.40	0.00	-6.55	0.01	0.00	978.95
Feb-1984	2.52	0.21	0	0.00	1.39	0.00	-12.60	0.01	0.00	977.55
Mar-1984	4.03	0.34	0.04	0.00	1.70	0.00	-19.95	0.01	0.00	975.86
Apr-1984	5.7	0.48	0.12	0.01	1.23	0.00	-27.90	0.00	0.00	974.63
May-1984	7.75	0.65	0	0.00	1.50	0.00	-38.75	0.00	0.00	973.13
Jun-1984	8.7	0.73	0.12	0.01	1.84	0.00	-42.90	0.00	0.00	971.29
Jul-1984	9.3	0.78	2.8	0.23	2.00	0.61	-33.11	0.00	0.00	969.29
Aug-1984	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.00	0.00	967.29
Sep-1984	6.3	0.53	0	0.00	1.67	0.00	-31.50	0.00	0.00	965.62
Oct-1984	4.34	0.36	0.04	0.00	1.50	0.00	-21.50	0.00	0.00	964.11
Nov-1984	2.4	0.20	0.83	0.07	1.17	0.00	-7.85	0.00	0.00	962.95
Dec-1984	1.55	0.13	3.62	0.30	1.00	1.28	9.07	8.55	14.92	976.86
Jan-1985	1.55	0.13	0.98	0.08	1.00	0.00	-2.85	7.89	0.00	975.86
Feb-1985	2.52	0.21	0	0.00	0.83	0.00	-12.60	4.46	0.00	975.03
Mar-1985	4.03	0.34	0	0.00	1.00	0.00	-20.15	2.17	0.00	974.03
Apr-1985	5.7	0.48	0	0.00	1.17	0.00	-28.50	0.87	0.00	972.86
May-1985	7.75	0.65	0	0.00	1.50	0.00	-38.75	0.27	0.00	971.36
Jun-1985	8.7	0.73	0.04	0.00	1.84	0.00	-43.30	0.07	0.00	969.52
Jul-1985	9.3	0.78	1.1	0.09	2.00	0.00	-41.00	0.02	0.00	967.52
Aug-1985	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.01	0.00	965.52
Sep-1985	6.3	0.53	0.51	0.04	1.67	0.00	-28.95	0.00	0.00	963.85

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2

Oct-1985	4.34	0.36	0.47	0.04	1.50	0.00	-19.35	0.00	0.00	962.34
Nov-1985	2.4	0.20	3.51	0.29	1.17	1.18	4.37	4.38	0.00	961.18
Dec-1985	1.55	0.13	0.39	0.03	1.00	0.00	-5.80	3.20	0.00	960.17
Jan-1986	1.55	0.13	0.51	0.04	1.00	0.00	-5.20	2.51	0.00	959.17
Feb-1986	2.52	0.21	2.25	0.19	0.83	0.30	-1.65	2.34	0.00	958.34
Mar-1986	4.03	0.34	2.21	0.18	1.00	0.28	-9.38	1.61	0.00	957.34
Apr-1986	5.7	0.48	0.04	0.00	1.17	0.00	-28.30	0.61	0.00	956.17
May-1986	7.75	0.65	0	0.00	1.50	0.00	-38.75	0.18	0.00	954.67
Jun-1986	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.05	0.00	952.83
Jul-1986	9.3	0.78	0	0.00	2.00	0.00	-46.50	0.01	0.00	950.83
Aug-1986	8.37	0.70	0.16	0.01	2.00	0.00	-41.05	0.00	0.00	948.83
Sep-1986	6.3	0.53	0	0.00	1.67	0.00	-31.50	0.00	0.00	947.16
Oct-1986	4.34	0.36	0	0.00	1.50	0.00	-21.70	0.00	0.00	945.65
Nov-1986	2.4	0.20	0.67	0.06	1.17	0.00	-8.65	0.00	0.00	944.49
Dec-1986	1.55	0.13	0.43	0.04	1.00	0.00	-5.60	0.00	0.00	943.48
Jan-1987	1.55	0.13	1.5	0.13	1.00	0.04	-0.29	0.00	0.00	942.48
Feb-1987	2.52	0.21	0.63	0.05	0.83	0.00	-9.45	0.00	0.00	941.65
Mar-1987	4.03	0.34	0	0.00	1.00	0.00	-20.15	0.00	0.00	940.65
Apr-1987	5.7	0.48	0.16	0.01	1.17	0.00	-27.70	0.00	0.00	939.48
May-1987	7.75	0.65	0.12	0.01	1.50	0.00	-38.15	0.00	0.00	937.98
Jun-1987	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.00	0.00	936.14
Jul-1987	9.3	0.78	0	0.00	2.00	0.00	-46.50	0.00	0.00	934.14
Aug-1987	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.00	0.00	932.14
Sep-1987	6.3	0.53	0.39	0.03	1.67	0.00	-29.55	0.00	0.00	930.47
Oct-1987	4.34	0.36	0	0.00	1.50	0.00	-21.70	0.00	0.00	928.96
Nov-1987	2.4	0.20	0.91	0.08	1.17	0.00	-7.45	0.00	0.00	927.80
Dec-1987	1.55	0.13	1.69	0.14	1.00	0.09	0.61	0.61	0.00	926.79
Jan-1988	1.55	0.13	2.6	0.22	1.00	0.48	4.77	5.38	0.00	925.79
Feb-1988	2.52	0.21	2.09	0.17	0.83	0.23	-2.38	15.91	0.00	924.96
Mar-1988	4.03	0.34	0.43	0.04	1.00	0.00	-18.00	8.63	0.00	923.96
Apr-1988	5.7	0.48	1.38	0.12	1.17	0.02	-21.62	4.41	0.00	922.79
May-1988	7.75	0.65	0	0.00	1.50	0.00	-38.75	1.39	0.00	921.29
Jun-1988	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.39	0.00	919.45
Jul-1988	9.3	0.78	0.24	0.02	2.00	0.00	-45.30	0.11	0.00	917.45
Aug-1988	8.37	0.70	0.79	0.07	2.00	0.00	-37.90	0.04	0.00	915.45
Sep-1988	6.3	0.53	0.32	0.03	1.67	0.00	-29.90	0.02	0.00	913.78
Oct-1988	4.34	0.36	0	0.00	1.50	0.00	-21.70	0.01	0.00	912.27
Nov-1988	2.4	0.20	0.47	0.04	1.17	0.00	-9.65	0.01	0.00	911.11
Dec-1988	1.55	0.13	1.18	0.10	1.00	0.00	-1.85	0.01	0.00	910.10
Jan-1989	1.55	0.13	0.59	0.05	1.00	0.00	-4.80	0.01	0.00	909.10
Feb-1989	2.52	0.21	0.04	0.00	0.83	0.00	-12.40	0.00	0.00	908.27
Mar-1989	4.03	0.34	0	0.00	1.00	0.00	-20.15	0.00	0.00	907.27
Apr-1989	5.7	0.48	0	0.00	1.17	0.00	-28.50	0.00	0.00	906.10
May-1989	7.75	0.65	0.12	0.01	1.50	0.00	-38.15	0.00	0.00	904.60
Jun-1989	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.00	0.00	902.76

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2

Jul-1989	9.3	0.78	0.35	0.03	2.00	0.00	-44.75	0.00	0.00	900.76
Aug-1989	8.37	0.70	0.87	0.07	2.00	0.00	-37.50	0.00	0.00	898.76
Sep-1989	6.3	0.53	0	0.00	1.67	0.00	-31.50	0.00	0.00	897.09
Oct-1989	4.34	0.36	1.62	0.14	1.50	0.07	-13.67	0.00	0.00	895.58
Nov-1989	2.4	0.20	0.08	0.01	1.17	0.00	-11.60	0.00	0.00	894.42
Dec-1989	1.55	0.13	0.12	0.01	1.00	0.00	-7.15	0.00	0.00	893.41
Jan-1990	1.55	0.13	1.82	0.15	1.00	0.12	1.23	1.23	0.00	892.41
Feb-1990	2.52	0.21	0.71	0.06	0.83	0.00	-9.05	0.78	0.00	891.58
Mar-1990	4.03	0.34	0.55	0.05	1.00	0.00	-17.40	0.40	0.00	890.58
Apr-1990	5.7	0.48	0.75	0.06	1.17	0.00	-24.75	0.18	0.00	889.41
May-1990	7.75	0.65	0.32	0.03	1.50	0.00	-37.15	0.06	0.00	887.91
Jun-1990	8.7	0.73	2.76	0.23	1.84	0.58	-30.28	0.02	0.00	886.07
Jul-1990	9.3	0.78	0	0.00	2.00	0.00	-46.50	0.01	0.00	884.07
Aug-1990	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.00	0.00	882.07
Sep-1990	6.3	0.53	0.16	0.01	1.67	0.00	-30.70	0.00	0.00	880.40
Oct-1990	4.34	0.36	0.16	0.01	1.50	0.00	-20.90	0.00	0.00	878.89
Nov-1990	2.4	0.20	0.43	0.04	1.17	0.00	-9.85	0.00	0.00	877.73
Dec-1990	1.55	0.13	0.59	0.05	1.00	0.00	-4.80	0.00	0.00	876.72
Jan-1991	1.55	0.13	1.06	0.09	1.00	0.00	-2.45	0.00	0.00	875.72
Feb-1991	2.52	0.21	3.23	0.27	0.83	0.93	2.62	2.62	0.00	874.89
Mar-1991	4.03	0.34	5.91	0.49	1.00	4.10	5.30	7.22	20.02	893.91
Apr-1991	5.7	0.48	0	0.00	1.17	0.00	-28.50	10.57	0.00	892.74
May-1991	7.75	0.65	0.04	0.00	1.50	0.00	-38.55	3.09	0.00	891.24
Jun-1991	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.93	0.00	889.40
Jul-1991	9.3	0.78	0.2	0.02	2.00	0.00	-45.50	0.27	0.00	887.40
Aug-1991	8.37	0.70	0.32	0.03	2.00	0.00	-40.25	0.09	0.00	885.40
Sep-1991	6.3	0.53	0.43	0.04	1.67	0.00	-29.35	0.04	0.00	883.73
Oct-1991	4.34	0.36	0.43	0.04	1.50	0.00	-19.55	0.02	0.00	882.22
Nov-1991	2.4	0.20	0.16	0.01	1.17	0.00	-11.20	0.02	0.00	881.06
Dec-1991	1.55	0.13	2.36	0.20	1.00	0.35	3.70	3.72	0.00	880.06
Jan-1992	1.55	0.13	1.85	0.15	1.00	0.13	1.37	5.08	0.00	879.05
Feb-1992	2.52	0.21	3.31	0.28	0.83	1.00	2.95	7.66	10.69	888.91
Mar-1992	4.03	0.34	4.73	0.39	1.00	2.50	1.00	8.17	15.11	903.02
Apr-1992	5.7	0.48	0.47	0.04	1.17	0.00	-26.15	4.20	0.00	901.85
May-1992	7.75	0.65	0.63	0.05	1.50	0.00	-35.60	0.85	0.00	900.35
Jun-1992	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.22	0.00	898.51
Jul-1992	9.3	0.78	0.75	0.06	2.00	0.00	-42.75	0.06	0.00	896.51
Aug-1992	8.37	0.70	1.69	0.14	2.00	0.09	-33.49	0.02	0.00	894.50
Sep-1992	6.3	0.53	0	0.00	1.67	0.00	-31.50	0.01	0.00	892.84
Oct-1992	4.34	0.36	0.28	0.02	1.50	0.00	-20.30	0.01	0.00	891.33
Nov-1992	2.4	0.20	0.08	0.01	1.17	0.00	-11.60	0.00	0.00	890.17
Dec-1992	1.55	0.13	2.76	0.23	1.00	0.58	5.47	5.47	0.00	889.16
Jan-1993	1.55	0.13	9.89	0.82	1.00	10.86	30.84	24.81	202.96	1004.00
Feb-1993	2.52	0.21	5.24	0.44	0.83	3.16	10.44	26.25	90.43	1004.00
Mar-1993	4.03	0.34	0.79	0.07	1.00	0.00	-16.20	26.25	0.00	1003.00

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2

Apr-1993	5.7	0.48	0	0.00	1.17	0.00	-28.50	10.06	0.00	1001.83
May-1993	7.75	0.65	0.2	0.02	1.50	0.00	-37.75	3.18	0.00	1000.33
Jun-1993	8.7	0.73	0.2	0.02	1.84	0.00	-42.50	0.91	0.00	998.49
Jul-1993	9.3	0.78	0	0.00	2.00	0.00	-46.50	0.24	0.00	996.49
Aug-1993	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.08	0.00	994.49
Sep-1993	6.3	0.53	0	0.00	1.67	0.00	-31.50	0.03	0.00	992.82
Oct-1993	4.34	0.36	0.08	0.01	1.50	0.00	-21.30	0.02	0.00	991.32
Nov-1993	2.4	0.20	1.3	0.11	1.17	0.01	-5.51	0.02	0.00	990.15
Dec-1993	1.55	0.13	0.63	0.05	1.00	0.00	-4.60	0.01	0.00	989.15
Jan-1994	1.55	0.13	1.02	0.09	1.00	0.00	-2.65	0.01	0.00	988.14
Feb-1994	2.52	0.21	3.7	0.31	0.83	1.36	4.54	4.56	0.00	987.31
Mar-1994	4.03	0.34	2.32	0.19	1.00	0.33	-8.88	2.88	0.00	986.31
Apr-1994	5.7	0.48	0.75	0.06	1.17	0.00	-24.75	1.11	0.00	985.14
May-1994	7.75	0.65	0.08	0.01	1.50	0.00	-38.35	0.32	0.00	983.64
Jun-1994	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.08	0.00	981.80
Jul-1994	9.3	0.78	0	0.00	2.00	0.00	-46.50	0.02	0.00	979.80
Aug-1994	8.37	0.70	1.69	0.14	2.00	0.09	-33.49	0.01	0.00	977.80
Sep-1994	6.3	0.53	0.39	0.03	1.67	0.00	-29.55	0.00	0.00	976.13
Oct-1994	4.34	0.36	0.04	0.00	1.50	0.00	-21.50	0.00	0.00	974.63
Nov-1994	2.4	0.20	0.47	0.04	1.17	0.00	-9.65	0.00	0.00	973.46
Dec-1994	1.55	0.13	1.65	0.14	1.00	0.07	0.43	0.43	0.00	972.46
Jan-1995	1.55	0.13	6.5	0.54	1.00	4.98	19.77	17.07	87.46	1004.00
Feb-1995	2.52	0.21	3.15	0.26	0.83	0.87	2.28	18.12	18.95	1004.00
Mar-1995	4.03	0.34	3.66	0.31	1.00	1.32	-3.17	20.40	0.00	1003.00
Apr-1995	5.7	0.48	0.55	0.05	1.17	0.00	-25.75	8.25	0.00	1001.83
May-1995	7.75	0.65	0.79	0.07	1.50	0.00	-34.80	2.78	0.00	1000.33
Jun-1995	8.7	0.73	0.2	0.02	1.84	0.00	-42.50	0.78	0.00	998.49
Jul-1995	9.3	0.78	0.04	0.00	2.00	0.00	-46.30	0.21	0.00	996.49
Aug-1995	8.37	0.70	0.55	0.05	2.00	0.00	-39.10	0.07	0.00	994.49
Sep-1995	6.3	0.53	0.47	0.04	1.67	0.00	-29.15	0.03	0.00	992.82
Oct-1995	4.34	0.36	0	0.00	1.50	0.00	-21.70	0.02	0.00	991.32
Nov-1995	2.4	0.20	0	0.00	1.17	0.00	-12.00	0.01	0.00	990.15
Dec-1995	1.55	0.13	0.28	0.02	1.00	0.00	-6.35	0.01	0.00	989.15
Jan-1996	1.55	0.13	1.18	0.10	1.00	0.00	-1.85	0.01	0.00	988.14
Feb-1996	2.52	0.21	5.16	0.43	0.83	3.05	10.15	9.25	25.81	1004.00
Mar-1996	4.03	0.34	1.58	0.13	1.00	0.06	-12.31	6.58	0.00	1003.00
Apr-1996	5.7	0.48	0.08	0.01	1.17	0.00	-28.10	2.03	0.00	1001.83
May-1996	7.75	0.65	0.16	0.01	1.50	0.00	-37.95	0.60	0.00	1000.33
Jun-1996	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.16	0.00	998.49
Jul-1996	9.3	0.78	0.04	0.00	2.00	0.00	-46.30	0.04	0.00	996.49
Aug-1996	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.01	0.00	994.49
Sep-1996	6.3	0.53	0.16	0.01	1.67	0.00	-30.70	0.01	0.00	992.82
Oct-1996	4.34	0.36	0.87	0.07	1.50	0.00	-17.35	0.00	0.00	991.32
Nov-1996	2.4	0.20	0.87	0.07	1.17	0.00	-7.65	0.00	0.00	990.15
Dec-1996	1.55	0.13	1.42	0.12	1.00	0.03	-0.68	0.00	0.00	989.15

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2

Jan-1997	1.55	0.13	3.58	0.30	1.00	1.24	8.91	8.42	13.87	1002.01
Feb-1997	2.52	0.21	1.02	0.09	0.83	0.00	-7.50	6.86	0.00	1001.18
Mar-1997	4.03	0.34	0.04	0.00	1.00	0.00	-19.95	2.86	0.00	1000.18
Apr-1997	5.7	0.48	0.43	0.04	1.17	0.00	-26.35	1.18	0.00	999.01
May-1997	7.75	0.65	0	0.00	1.50	0.00	-38.75	0.36	0.00	997.51
Jun-1997	8.7	0.73	0.55	0.05	1.84	0.00	-40.75	0.11	0.00	995.67
Jul-1997	9.3	0.78	0.08	0.01	2.00	0.00	-46.10	0.03	0.00	993.67
Aug-1997	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.01	0.00	991.67
Sep-1997	6.3	0.53	1.97	0.16	1.67	0.18	-21.83	0.00	0.00	990.00
Oct-1997	4.34	0.36	0.08	0.01	1.50	0.00	-21.30	0.00	0.00	988.49
Nov-1997	2.4	0.20	1.38	0.12	1.17	0.02	-5.12	0.00	0.00	987.33
Dec-1997	1.55	0.13	2.68	0.22	1.00	0.53	5.12	5.12	0.00	986.32
Jan-1998	1.55	0.13	1.42	0.12	1.00	0.03	-0.68	4.94	0.00	985.32
Feb-1998	2.52	0.21	7.76	0.65	0.83	7.03	19.17	19.06	116.34	1004.00
Mar-1998	4.03	0.34	3.66	0.31	1.00	1.32	-3.17	22.91	0.00	1003.00
Apr-1998	5.7	0.48	1.69	0.14	1.17	0.09	-20.14	11.21	0.00	1001.83
May-1998	7.75	0.65	1.3	0.11	1.50	0.01	-32.26	4.03	0.00	1000.33
Jun-1998	8.7	0.73	0.04	0.00	1.84	0.00	-43.30	1.10	0.00	998.49
Jul-1998	9.3	0.78	0.08	0.01	2.00	0.00	-46.10	0.29	0.00	996.49
Aug-1998	8.37	0.70	1.65	0.14	2.00	0.07	-33.67	0.11	0.00	994.49
Sep-1998	6.3	0.53	0.32	0.03	1.67	0.00	-29.90	0.05	0.00	992.82
Oct-1998	4.34	0.36	0.04	0.00	1.50	0.00	-21.50	0.03	0.00	991.32
Nov-1998	2.4	0.20	1.38	0.12	1.17	0.02	-5.12	0.02	0.00	990.15
Dec-1998	1.55	0.13	1.42	0.12	1.00	0.03	-0.68	0.02	0.00	989.15
Jan-1999	1.55	0.13	1.58	0.13	1.00	0.06	0.09	0.12	0.00	988.14
Feb-1999	2.52	0.21	0.87	0.07	0.83	0.00	-8.25	0.07	0.00	987.31
Mar-1999	4.03	0.34	0.71	0.06	1.00	0.00	-16.60	0.04	0.00	986.31
Apr-1999	5.7	0.48	1.73	0.14	1.17	0.10	-19.95	0.02	0.00	985.14
May-1999	7.75	0.65	0.2	0.02	1.50	0.00	-37.75	0.01	0.00	983.64
Jun-1999	8.7	0.73	0.32	0.03	1.84	0.00	-41.90	0.00	0.00	981.80
Jul-1999	9.3	0.78	0.87	0.07	2.00	0.00	-42.15	0.00	0.00	979.80
Aug-1999	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.00	0.00	977.80
Sep-1999	6.3	0.53	0.08	0.01	1.67	0.00	-31.10	0.00	0.00	976.13
Oct-1999	4.34	0.36	0.2	0.02	1.50	0.00	-20.70	0.00	0.00	974.63
Nov-1999	2.4	0.20	0.04	0.00	1.17	0.00	-11.80	0.00	0.00	973.46
Dec-1999	1.55	0.13	0.2	0.02	1.00	0.00	-6.75	0.00	0.00	972.46
Jan-2000	1.55	0.13	0.71	0.06	1.00	0.00	-4.20	0.00	0.00	971.45
Feb-2000	2.52	0.21	3.58	0.30	0.83	1.24	4.06	4.06	0.00	970.62
Mar-2000	4.03	0.34	1.14	0.10	1.00	0.00	-14.45	1.99	0.00	969.62
Apr-2000	5.7	0.48	0.55	0.05	1.17	0.00	-25.75	0.79	0.00	968.45
May-2000	7.75	0.65	0.04	0.00	1.50	0.00	-38.55	0.23	0.00	966.95
Jun-2000	8.7	0.73	0.28	0.02	1.84	0.00	-42.10	0.06	0.00	965.11
Jul-2000	9.3	0.78	0	0.00	2.00	0.00	-46.50	0.02	0.00	963.11
Aug-2000	8.37	0.70	0.79	0.07	2.00	0.00	-37.90	0.01	0.00	961.11
Sep-2000	6.3	0.53	0.16	0.01	1.67	0.00	-30.70	0.00	0.00	959.44

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2

Oct-2000	4.34	0.36	0.67	0.06	1.50	0.00	-18.35	0.00	0.00	957.94
Nov-2000	2.4	0.20	0.28	0.02	1.17	0.00	-10.60	0.00	0.00	956.77
Dec-2000	1.55	0.13	0.08	0.01	1.00	0.00	-7.35	0.00	0.00	955.77
Jan-2001	1.55	0.13	1.69	0.14	1.00	0.09	0.61	0.62	0.00	954.76
Feb-2001	2.52	0.21	2.56	0.21	0.83	0.46	-0.26	0.69	0.00	953.93
Mar-2001	4.03	0.34	0.87	0.07	1.00	0.00	-15.80	0.32	0.00	952.93
Apr-2001	5.7	0.48	1.02	0.09	1.17	0.00	-23.40	0.13	0.00	951.76
May-2001	7.75	0.65	0	0.00	1.50	0.00	-38.75	0.04	0.00	950.26
Jun-2001	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.01	0.00	948.42
Jul-2001	9.3	0.78	0.04	0.00	2.00	0.00	-46.30	0.00	0.00	946.42
Aug-2001	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.00	0.00	944.42
Sep-2001	6.3	0.53	2.44	0.20	1.67	0.39	-19.69	0.00	0.00	942.75
Oct-2001	4.34	0.36	0	0.00	1.50	0.00	-21.70	0.00	0.00	941.25
Nov-2001	2.4	0.20	0.59	0.05	1.17	0.00	-9.05	0.00	0.00	940.08
Dec-2001	1.55	0.13	1.1	0.09	1.00	0.00	-2.25	0.00	0.00	939.08
Jan-2002	1.55	0.13	0.32	0.03	1.00	0.00	-6.15	0.00	0.00	938.07
Feb-2002	2.52	0.21	0.16	0.01	0.83	0.00	-11.80	0.00	0.00	937.24
Mar-2002	4.03	0.34	0.67	0.06	1.00	0.00	-16.80	0.00	0.00	936.24
Apr-2002	5.7	0.48	0.43	0.04	1.17	0.00	-26.35	0.00	0.00	935.07
May-2002	7.75	0.65	0	0.00	1.50	0.00	-38.75	0.00	0.00	933.57
Jun-2002	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.00	0.00	931.73
Jul-2002	9.3	0.78	0	0.00	2.00	0.00	-46.50	0.00	0.00	929.73
Aug-2002	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.00	0.00	927.73
Sep-2002	6.3	0.53	0.95	0.08	1.67	0.00	-26.75	0.00	0.00	926.06
Oct-2002	4.34	0.36	0.16	0.01	1.50	0.00	-20.90	0.00	0.00	924.56
Nov-2002	2.4	0.20	1.46	0.12	1.17	0.03	-4.73	0.00	0.00	923.39
Dec-2002	1.55	0.13	1.38	0.12	1.00	0.02	-0.87	0.00	0.00	922.39
Jan-2003	1.55	0.13	0.16	0.01	1.00	0.00	-6.95	0.00	0.00	921.38
Feb-2003	2.52	0.21	3.62	0.30	0.83	1.28	4.22	4.22	0.00	920.55
Mar-2003	4.03	0.34	1.42	0.12	1.00	0.03	-13.08	2.20	0.00	919.55
Apr-2003	5.7	0.48	1.5	0.13	1.17	0.04	-21.04	1.00	0.00	918.38
May-2003	7.75	0.65	0.83	0.07	1.50	0.00	-34.60	0.33	0.00	916.88
Jun-2003	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.09	0.00	915.04
Jul-2003	9.3	0.78	0.2	0.02	2.00	0.00	-45.50	0.02	0.00	913.04
Aug-2003	8.37	0.70	1.93	0.16	2.00	0.16	-32.36	0.01	0.00	911.04
Sep-2003	6.3	0.53	0.04	0.00	1.67	0.00	-31.30	0.00	0.00	909.37
Oct-2003	4.34	0.36	0	0.00	1.50	0.00	-21.70	0.00	0.00	907.87
Nov-2003	2.4	0.20	0.55	0.05	1.17	0.00	-9.25	0.00	0.00	906.70
Dec-2003	1.55	0.13	1.5	0.13	1.00	0.04	-0.29	0.00	0.00	905.70
Jan-2004	1.55	0.13	0.59	0.05	1.00	0.00	-4.80	0.00	0.00	904.69
Feb-2004	2.52	0.21	3.66	0.31	0.83	1.32	4.38	4.38	0.00	903.86
Mar-2004	4.03	0.34	1.54	0.13	1.00	0.05	-12.50	2.35	0.00	902.86
Apr-2004	5.7	0.48	0.66	0.06	1.17	0.00	-25.20	0.93	0.00	901.69
May-2004	7.75	0.65	0	0.00	1.50	0.00	-38.75	0.27	0.00	900.19
Jun-2004	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.07	0.00	898.35

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2

Jul-2004	9.3	0.78	0.24	0.02	2.00	0.00	-45.30	0.02	0.00	896.35
Aug-2004	8.37	0.70	0.51	0.04	2.00	0.00	-39.30	0.01	0.00	894.35
Sep-2004	6.3	0.53	0.04	0.00	1.67	0.00	-31.30	0.00	0.00	892.68
Oct-2004	4.34	0.36	6.58	0.55	1.50	5.11	6.09	5.86	6.73	897.90
Nov-2004	2.4	0.20	0.67	0.06	1.17	0.00	-8.65	4.70	0.00	896.73
Dec-2004	1.55	0.13	4.14	0.35	1.00	1.81	11.14	13.35	71.09	966.83
Jan-2005	1.55	0.13	3.55	0.30	1.00	1.21	8.79	19.04	58.54	1004.00
Feb-2005	2.52	0.21	4.18	0.35	0.83	1.86	6.44	26.17	48.17	1004.00
Mar-2005	4.03	0.34	1.02	0.09	1.00	0.00	-15.05	21.31	0.00	1003.00
Apr-2005	5.7	0.48	0.39	0.03	1.17	0.00	-26.55	8.30	0.00	1001.83
May-2005	7.75	0.65	0.04	0.00	1.50	0.00	-38.55	2.44	0.00	1000.33
Jun-2005	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.66	0.00	998.49
Jul-2005	9.3	0.78	0.55	0.05	2.00	0.00	-43.75	0.18	0.00	996.49
Aug-2005	8.37	0.70	3.19	0.27	2.00	0.90	-26.80	0.08	0.00	994.49
Sep-2005	6.3	0.53	0.08	0.01	1.67	0.00	-31.10	0.04	0.00	992.82
Oct-2005	4.34	0.36	0.59	0.05	1.50	0.00	-18.75	0.02	0.00	991.32
Nov-2005	2.4	0.20	0.04	0.00	1.17	0.00	-11.80	0.02	0.00	990.15
Dec-2005	1.55	0.13	0.12	0.01	1.00	0.00	-7.15	0.01	0.00	989.15
Jan-2006	1.55	0.13	0.51	0.04	1.00	0.00	-5.20	0.01	0.00	988.14
Feb-2006	2.52	0.21	1.06	0.09	0.83	0.00	-7.30	0.01	0.00	987.31
Mar-2006	4.03	0.34	2.64	0.22	1.00	0.51	-7.46	0.01	0.00	986.31
Apr-2006	5.7	0.48	1.73	0.14	1.17	0.10	-19.95	0.00	0.00	985.14
May-2006	7.75	0.65	0.08	0.01	1.50	0.00	-38.35	0.00	0.00	983.64
Jun-2006	8.7	0.73	0.16	0.01	1.84	0.00	-42.70	0.00	0.00	981.80
Jul-2006	9.3	0.78	0.35	0.03	2.00	0.00	-44.75	0.00	0.00	979.80
Aug-2006	8.37	0.70	0.08	0.01	2.00	0.00	-41.45	0.00	0.00	977.80
Sep-2006	6.3	0.53	0.04	0.00	1.67	0.00	-31.30	0.00	0.00	976.13
Oct-2006	4.34	0.36	0.24	0.02	1.50	0.00	-20.50	0.00	0.00	974.63
Nov-2006	2.4	0.20	0.08	0.01	1.17	0.00	-11.60	0.00	0.00	973.46
Dec-2006	1.55	0.13	0.79	0.07	1.00	0.00	-3.80	0.00	0.00	972.46
Jan-2007	1.55	0.13	0.35	0.03	1.00	0.00	-6.00	0.00	0.00	971.45
Feb-2007	2.52	0.21	1.3	0.11	0.83	0.01	-6.11	0.00	0.00	970.62
Mar-2007	4.03	0.34	0.39	0.03	1.00	0.00	-18.20	0.00	0.00	969.62
Apr-2007	5.7	0.48	0.32	0.03	1.17	0.00	-26.90	0.00	0.00	968.45
May-2007	7.75	0.65	0	0.00	1.50	0.00	-38.75	0.00	0.00	966.95
Jun-2007	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.00	0.00	965.11
Jul-2007	9.3	0.78	0	0.00	2.00	0.00	-46.50	0.00	0.00	963.11
Aug-2007	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.00	0.00	961.11
Sep-2007	6.3	0.53	0.16	0.01	1.67	0.00	-30.70	0.00	0.00	959.44
Oct-2007	4.34	0.36	0.16	0.01	1.50	0.00	-20.90	0.00	0.00	957.94
Nov-2007	2.4	0.20	1.65	0.14	1.17	0.07	-3.82	0.00	0.00	956.77
Dec-2007	1.55	0.13	0.79	0.07	1.00	0.00	-3.80	0.00	0.00	955.77
Jan-2008	1.55	0.13	4.32	0.36	1.00	2.02	11.83	10.68	32.88	987.64
Feb-2008	2.52	0.21	2.09	0.17	0.83	0.23	-2.38	9.96	0.00	986.81
Mar-2008	4.03	0.34	0.32	0.03	1.00	0.00	-18.55	4.65	0.00	985.81

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2

Apr-2008	5.7	0.48	0	0.00	1.17	0.00	-28.50	1.79	0.00	984.64
May-2008	7.75	0.65	0.2	0.02	1.50	0.00	-37.75	0.55	0.00	983.14
Jun-2008	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.15	0.00	981.30
Jul-2008	9.3	0.78	0	0.00	2.00	0.00	-46.50	0.04	0.00	979.30
Aug-2008	8.37	0.70	0.24	0.02	2.00	0.00	-40.65	0.01	0.00	977.30
Sep-2008	6.3	0.53	0.63	0.05	1.67	0.00	-28.35	0.01	0.00	975.63
Oct-2008	4.34	0.36	0.04	0.00	1.50	0.00	-21.50	0.00	0.00	974.12
Nov-2008	2.4	0.20	1.38	0.12	1.17	0.02	-5.12	0.00	0.00	972.96
Dec-2008	1.55	0.13	5.39	0.45	1.00	3.36	15.84	13.77	58.93	1004.00
Jan-2009	1.55	0.13	0.08	0.01	1.00	0.00	-7.35	11.05	0.00	1003.00
Feb-2009	2.52	0.21	2.56	0.21	0.83	0.46	-0.26	10.97	1.14	1003.30
Mar-2009	4.03	0.34	0	0.00	1.00	0.00	-20.15	6.32	0.00	1002.30
Apr-2009	5.7	0.48	0.16	0.01	1.17	0.00	-27.70	2.01	0.00	1001.13
May-2009	7.75	0.65	0	0.00	1.50	0.00	-38.75	0.60	0.00	999.63
Jun-2009	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.16	0.00	997.79
Jul-2009	9.3	0.78	0.32	0.03	2.00	0.00	-44.90	0.05	0.00	995.79
Aug-2009	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.01	0.00	993.79
Sep-2009	6.3	0.53	0	0.00	1.67	0.00	-31.50	0.01	0.00	992.12
Oct-2009	4.34	0.36	0.04	0.00	1.50	0.00	-21.50	0.00	0.00	990.62
Nov-2009	2.4	0.20	0.43	0.04	1.17	0.00	-9.85	0.00	0.00	989.45
Dec-2009	1.55	0.13	3.31	0.28	1.00	1.00	7.80	7.57	6.70	995.14
Jan-2010	1.55	0.13	5.75	0.48	1.00	3.87	17.13	19.74	112.73	1004.00
Feb-2010	2.52	0.21	2.76	0.23	0.83	0.58	0.62	22.51	7.33	1004.00
Mar-2010	4.03	0.34	1.18	0.10	1.00	0.00	-14.25	16.81	0.00	1003.00
Apr-2010	5.7	0.48	1.46	0.12	1.17	0.03	-21.23	7.63	0.00	1001.83
May-2010	7.75	0.65	0	0.00	1.50	0.00	-38.75	2.20	0.00	1000.33
Jun-2010	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.59	0.00	998.49
Jul-2010	9.3	0.78	0.04	0.00	2.00	0.00	-46.30	0.15	0.00	996.49
Aug-2010	8.37	0.70	0	0.00	2.00	0.00	-41.85	0.05	0.00	994.49
Sep-2010	6.3	0.53	0	0.00	1.67	0.00	-31.50	0.02	0.00	992.82
Oct-2010	4.34	0.36	4.1	0.34	1.50	1.77	-2.97	0.02	0.00	991.32
Nov-2010	2.4	0.20	0.83	0.07	1.17	0.00	-7.85	0.01	0.00	990.15
Dec-2010	1.55	0.13	4.1	0.34	1.00	1.77	10.98	10.04	27.32	1004.00
Jan-2011	1.55	0.13	0.47	0.04	1.00	0.00	-5.40	8.60	0.00	1003.00
Feb-2011	2.52	0.21	4.52	0.38	0.83	2.25	7.75	14.49	52.98	1004.00
Mar-2011	4.03	0.34	1.65	0.14	1.00	0.07	-11.97	13.70	0.00	1003.00
Apr-2011	5.7	0.48	0.24	0.02	1.17	0.00	-27.30	4.87	0.00	1001.83
May-2011	7.75	0.65	0.71	0.06	1.50	0.00	-35.20	1.53	0.00	1000.33
Jun-2011	8.7	0.73	0.16	0.01	1.84	0.00	-42.70	0.40	0.00	998.49
Jul-2011	9.3	0.78	0.55	0.05	2.00	0.00	-43.75	0.11	0.00	996.49
Aug-2011	8.37	0.70	0.34	0.03	2.00	0.00	-40.15	0.03	0.00	994.49
Sep-2011	6.3	0.53	0	0.00	1.67	0.00	-31.50	0.01	0.00	992.82
Oct-2011	4.34	0.36	0.5	0.04	1.50	0.00	-19.20	0.01	0.00	991.32
Nov-2011	2.4	0.20	2.71	0.23	1.17	0.55	1.00	1.01	0.00	990.15
Dec-2011	1.55	0.13	1.95	0.16	1.00	0.17	1.83	2.84	0.00	989.15

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2

Jan-2012	1.55	0.13	0.77	0.06	1.00	0.00	-3.90	2.28	0.00	988.14
Feb-2012	2.52	0.21	1.26	0.11	0.83	0.01	-6.31	1.68	0.00	987.31
Mar-2012	4.03	0.34	1.87	0.16	1.00	0.14	-10.94	1.07	0.00	986.31
Apr-2012	5.7	0.48	1.77	0.15	1.17	0.11	-19.76	0.54	0.00	985.14
May-2012	7.75	0.65	0	0.00	1.50	0.00	-38.75	0.16	0.00	983.64
Jun-2012	8.7	0.73	0	0.00	1.84	0.00	-43.50	0.04	0.00	981.80

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2B

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0.33	0.03	4.23	0.00	-44.86	26.25	0.00	999.77
Aug-1982	8.37	0.70	0.56	0.05	4.23	0.00	-39.06	7.24	0.00	995.55
Sep-1982	6.3	0.53	0.37	0.03	3.89	0.00	-29.65	2.95	0.00	991.66
Oct-1982	4.34	0.36	0.13	0.01	3.72	0.00	-21.06	1.59	0.00	987.93
Nov-1982	2.4	0.20	4.38	0.36	3.39	2.08	7.81	9.05	10.15	994.69
Dec-1982	1.55	0.13	3.41	0.28	3.22	1.09	8.22	15.44	52.19	1004.00
Jan-1983	1.55	0.13	2.21	0.18	3.22	0.28	3.03	19.71	18.85	1004.00
Feb-1983	2.52	0.21	4.77	0.40	3.06	2.56	8.71	22.74	69.52	1004.00
Mar-1983	4.03	0.34	9.83	0.82	3.22	10.74	18.25	26.25	157.84	1004.00
Apr-1983	5.7	0.48	2.21	0.18	3.31	0.28	-17.74	26.25	0.00	1000.69
May-1983	7.75	0.65	0.19	0.02	4.48	0.00	-37.79	7.53	0.00	996.21
Jun-1983	8.7	0.73	0.00	0.00	3.03	0.00	-43.50	2.04	0.00	993.18
Jul-1983	9.3	0.78	0.01	0.00	2.70	0.00	-46.44	0.53	0.00	990.48
Aug-1983	8.37	0.70	4.02	0.33	2.90	1.68	-23.45	0.27	0.00	987.58
Sep-1983	6.3	0.53	0.67	0.06	2.26	0.00	-28.15	0.12	0.00	985.32
Oct-1983	4.34	0.36	1.15	0.10	1.87	0.00	-15.95	0.08	0.00	983.45
Nov-1983	2.4	0.20	2.43	0.20	1.73	0.39	-0.26	0.13	0.00	981.72
Dec-1983	1.55	0.13	0.99	0.08	1.38	0.00	-2.82	0.11	0.00	980.34
Jan-1984	1.55	0.13	0.12	0.01	1.40	0.00	-7.17	0.08	0.00	978.95
Feb-1984	2.52	0.21	0.00	0.00	1.39	0.00	-12.60	0.05	0.00	977.55
Mar-1984	4.03	0.34	0.04	0.00	1.70	0.00	-19.96	0.03	0.00	975.86
Apr-1984	5.7	0.48	0.24	0.02	1.23	0.00	-27.31	0.01	0.00	974.63
May-1984	7.75	0.65	0.00	0.00	1.50	0.00	-38.75	0.00	0.00	973.13
Jun-1984	8.7	0.73	0.55	0.05	1.84	0.00	-40.77	0.00	0.00	971.29
Jul-1984	9.3	0.78	1.49	0.12	2.00	0.04	-39.07	0.00	0.00	969.29
Aug-1984	8.37	0.70	2.27	0.19	2.00	0.31	-30.79	0.00	0.00	967.29
Sep-1984	6.3	0.53	0.66	0.06	1.67	0.00	-28.19	0.00	0.00	965.62
Oct-1984	4.34	0.36	0.18	0.01	1.50	0.00	-20.80	0.00	0.00	964.11
Nov-1984	2.4	0.20	1.42	0.12	1.17	0.03	-4.95	0.00	0.00	962.95
Dec-1984	1.55	0.13	4.22	0.35	1.00	1.90	11.43	10.37	30.26	992.20
Jan-1985	1.55	0.13	1.58	0.13	1.00	0.06	0.07	10.42	0.73	991.93
Feb-1985	2.52	0.21	1.45	0.12	0.83	0.03	-5.38	8.92	0.00	991.10
Mar-1985	4.03	0.34	0.27	0.02	1.00	0.00	-18.82	4.07	0.00	990.09
Apr-1985	5.7	0.48	0.04	0.00	1.17	0.00	-28.31	1.58	0.00	988.93
May-1985	7.75	0.65	0.09	0.01	1.50	0.00	-38.30	0.48	0.00	987.42
Jun-1985	8.7	0.73	1.72	0.14	1.84	0.09	-34.99	0.17	0.00	985.59
Jul-1985	9.3	0.78	0.00	0.00	2.00	0.00	-46.50	0.04	0.00	983.59
Aug-1985	8.37	0.70	0.33	0.03	2.00	0.00	-40.19	0.01	0.00	981.58
Sep-1985	6.3	0.53	0.68	0.06	1.67	0.00	-28.09	0.01	0.00	979.91

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2B

Oct-1985	4.34	0.36	4.49	0.37	1.50	2.22	-1.45	0.04	0.00	978.41
Nov-1985	2.4	0.20	1.75	0.15	1.17	0.10	-3.37	0.03	0.00	977.24
Dec-1985	1.55	0.13	0.00	0.00	1.00	0.00	-7.75	0.02	0.00	976.24
Jan-1986	1.55	0.13	0.74	0.06	1.00	0.00	-4.03	0.01	0.00	975.24
Feb-1986	2.52	0.21	3.50	0.29	0.83	1.17	3.73	3.74	0.00	974.41
Mar-1986	4.03	0.34	3.44	0.29	1.00	1.11	-4.08	3.05	0.00	973.40
Apr-1986	5.7	0.48	0.28	0.02	1.17	0.00	-27.12	0.98	0.00	972.24
May-1986	7.75	0.65	0.01	0.00	1.50	0.00	-38.69	0.27	0.00	970.73
Jun-1986	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.07	0.00	968.90
Jul-1986	9.3	0.78	0.35	0.03	2.00	0.00	-44.76	0.02	0.00	966.90
Aug-1986	8.37	0.70	0.06	0.00	2.00	0.00	-41.56	0.01	0.00	964.89
Sep-1986	6.3	0.53	1.31	0.11	1.67	0.01	-24.98	0.00	0.00	963.22
Oct-1986	4.34	0.36	2.10	0.17	1.50	0.23	-11.44	0.00	0.00	961.72
Nov-1986	2.4	0.20	0.57	0.05	1.17	0.00	-9.17	0.00	0.00	960.55
Dec-1986	1.55	0.13	0.71	0.06	1.00	0.00	-4.18	0.00	0.00	959.55
Jan-1987	1.55	0.13	1.64	0.14	1.00	0.07	0.39	0.39	0.00	958.55
Feb-1987	2.52	0.21	2.53	0.21	0.83	0.44	-0.39	0.41	0.00	957.72
Mar-1987	4.03	0.34	2.55	0.21	1.00	0.46	-7.83	0.27	0.00	956.71
Apr-1987	5.7	0.48	0.20	0.02	1.17	0.00	-27.53	0.09	0.00	955.55
May-1987	7.75	0.65	0.08	0.01	1.50	0.00	-38.34	0.03	0.00	954.04
Jun-1987	8.7	0.73	0.01	0.00	1.84	0.00	-43.44	0.01	0.00	952.21
Jul-1987	9.3	0.78	0.00	0.00	2.00	0.00	-46.50	0.00	0.00	950.21
Aug-1987	8.37	0.70	0.64	0.05	2.00	0.00	-38.63	0.00	0.00	948.20
Sep-1987	6.3	0.53	0.48	0.04	1.67	0.00	-29.12	0.00	0.00	946.53
Oct-1987	4.34	0.36	3.10	0.26	1.50	0.83	-7.02	0.00	0.00	945.03
Nov-1987	2.4	0.20	2.46	0.20	1.17	0.40	-0.12	0.11	0.00	943.86
Dec-1987	1.55	0.13	1.81	0.15	1.00	0.12	1.16	1.27	0.00	942.86
Jan-1988	1.55	0.13	3.46	0.29	1.00	1.13	8.42	9.00	19.59	961.45
Feb-1988	2.52	0.21	1.93	0.16	0.83	0.16	-3.13	10.82	0.00	960.62
Mar-1988	4.03	0.34	0.71	0.06	1.00	0.00	-16.58	5.25	0.00	959.62
Apr-1988	5.7	0.48	2.46	0.21	1.17	0.40	-16.60	2.84	0.00	958.45
May-1988	7.75	0.65	0.35	0.03	1.50	0.00	-36.98	0.81	0.00	956.95
Jun-1988	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.20	0.00	955.11
Jul-1988	9.3	0.78	0.02	0.00	2.00	0.00	-46.38	0.05	0.00	953.11
Aug-1988	8.37	0.70	1.63	0.14	2.00	0.07	-33.75	0.02	0.00	951.11
Sep-1988	6.3	0.53	0.00	0.00	1.67	0.00	-31.50	0.01	0.00	949.44
Oct-1988	4.34	0.36	0.00	0.00	1.50	0.00	-21.70	0.00	0.00	947.93
Nov-1988	2.4	0.20	1.07	0.09	1.17	0.00	-6.64	0.00	0.00	946.77
Dec-1988	1.55	0.13	2.10	0.17	1.00	0.23	2.51	2.52	0.00	945.77
Jan-1989	1.55	0.13	1.05	0.09	1.00	0.00	-2.52	2.20	0.00	944.76
Feb-1989	2.52	0.21	1.17	0.10	0.83	0.00	-6.73	1.60	0.00	943.93
Mar-1989	4.03	0.34	1.63	0.14	1.00	0.07	-12.05	0.99	0.00	942.93
Apr-1989	5.7	0.48	0.21	0.02	1.17	0.00	-27.47	0.40	0.00	941.76
May-1989	7.75	0.65	0.13	0.01	1.50	0.00	-38.11	0.12	0.00	940.26
Jun-1989	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.03	0.00	938.42

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2B

Jul-1989	9.3	0.78	0.00	0.00	2.00	0.00	-46.50	0.01	0.00	936.42
Aug-1989	8.37	0.70	0.00	0.00	2.00	0.00	-41.85	0.00	0.00	934.42
Sep-1989	6.3	0.53	0.17	0.01	1.67	0.00	-30.66	0.00	0.00	932.75
Oct-1989	4.34	0.36	0.35	0.03	1.50	0.00	-19.93	0.00	0.00	931.24
Nov-1989	2.4	0.20	0.03	0.00	1.17	0.00	-11.84	0.00	0.00	930.08
Dec-1989	1.55	0.13	0.29	0.02	1.00	0.00	-6.31	0.00	0.00	929.08
Jan-1990	1.55	0.13	3.03	0.25	1.00	0.78	6.64	6.65	0.00	928.07
Feb-1990	2.52	0.21	1.76	0.15	0.83	0.11	-3.91	5.41	0.00	927.24
Mar-1990	4.03	0.34	0.69	0.06	1.00	0.00	-16.70	2.68	0.00	926.24
Apr-1990	5.7	0.48	0.98	0.08	1.17	0.00	-23.61	1.20	0.00	925.07
May-1990	7.75	0.65	0.23	0.02	1.50	0.00	-37.62	0.37	0.00	923.57
Jun-1990	8.7	0.73	0.22	0.02	1.84	0.00	-42.41	0.10	0.00	921.73
Jul-1990	9.3	0.78	0.11	0.01	2.00	0.00	-45.95	0.03	0.00	919.73
Aug-1990	8.37	0.70	0.18	0.01	2.00	0.00	-40.95	0.01	0.00	917.73
Sep-1990	6.3	0.53	0.62	0.05	1.67	0.00	-28.42	0.00	0.00	916.06
Oct-1990	4.34	0.36	0.04	0.00	1.50	0.00	-21.51	0.00	0.00	914.55
Nov-1990	2.4	0.20	0.55	0.05	1.17	0.00	-9.23	0.00	0.00	913.39
Dec-1990	1.55	0.13	1.29	0.11	1.00	0.01	-1.32	0.00	0.00	912.39
Jan-1991	1.55	0.13	1.34	0.11	1.00	0.01	-1.08	0.00	0.00	911.38
Feb-1991	2.52	0.21	2.21	0.18	0.83	0.28	-1.82	0.00	0.00	910.55
Mar-1991	4.03	0.34	12.06	1.01	1.00	15.10	25.06	19.15	130.48	1004.00
Apr-1991	5.7	0.48	0.05	0.00	1.17	0.00	-28.25	11.65	0.00	1002.83
May-1991	7.75	0.65	0.00	0.00	1.50	0.00	-38.75	2.62	0.00	1001.33
Jun-1991	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.63	0.00	999.49
Jul-1991	9.3	0.78	0.61	0.05	2.00	0.00	-43.44	0.17	0.00	997.49
Aug-1991	8.37	0.70	0.00	0.00	2.00	0.00	-41.85	0.05	0.00	995.49
Sep-1991	6.3	0.53	0.35	0.03	1.67	0.00	-29.75	0.02	0.00	993.82
Oct-1991	4.34	0.36	0.58	0.05	1.50	0.00	-18.81	0.01	0.00	992.32
Nov-1991	2.4	0.20	0.30	0.02	1.17	0.00	-10.52	0.01	0.00	991.15
Dec-1991	1.55	0.13	2.80	0.23	1.00	0.61	5.64	5.65	0.00	990.15
Jan-1992	1.55	0.13	2.68	0.22	1.00	0.53	5.13	9.91	25.04	1004.00
Feb-1992	2.52	0.21	5.00	0.42	0.83	2.85	9.57	17.05	65.17	1004.00
Mar-1992	4.03	0.34	4.89	0.41	1.00	2.70	1.58	17.31	20.51	1004.00
Apr-1992	5.7	0.48	0.67	0.06	1.17	0.00	-25.13	11.32	0.00	1002.83
May-1992	7.75	0.65	0.23	0.02	1.50	0.00	-37.62	2.62	0.00	1001.33
Jun-1992	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.62	0.00	999.49
Jul-1992	9.3	0.78	0.74	0.06	2.00	0.00	-42.78	0.17	0.00	997.49
Aug-1992	8.37	0.70	2.03	0.17	2.00	0.20	-31.91	0.07	0.00	995.49
Sep-1992	6.3	0.53	0.00	0.00	1.67	0.00	-31.50	0.03	0.00	993.82
Oct-1992	4.34	0.36	0.24	0.02	1.50	0.00	-20.51	0.01	0.00	992.32
Nov-1992	2.4	0.20	0.06	0.00	1.17	0.00	-11.71	0.01	0.00	991.15
Dec-1992	1.55	0.13	4.00	0.33	1.00	1.66	10.58	9.72	24.70	1004.00
Jan-1993	1.55	0.13	18.44	1.54	1.00	28.69	55.76	26.25	437.79	1004.00
Feb-1993	2.52	0.21	6.45	0.54	0.83	4.91	14.74	26.25	135.25	1004.00
Mar-1993	4.03	0.34	1.51	0.13	1.00	0.04	-12.63	26.25	0.00	1003.00

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2B

Apr-1993	5.7	0.48	0.00	0.00	1.17	0.00	-28.50	10.06	0.00	1001.83
May-1993	7.75	0.65	0.12	0.01	1.50	0.00	-38.17	3.14	0.00	1000.33
Jun-1993	8.7	0.73	0.16	0.01	1.84	0.00	-42.70	0.90	0.00	998.49
Jul-1993	9.3	0.78	0.00	0.00	2.00	0.00	-46.50	0.24	0.00	996.49
Aug-1993	8.37	0.70	0.00	0.00	2.00	0.00	-41.85	0.07	0.00	994.49
Sep-1993	6.3	0.53	0.00	0.00	1.67	0.00	-31.50	0.03	0.00	992.82
Oct-1993	4.34	0.36	0.30	0.02	1.50	0.00	-20.22	0.02	0.00	991.32
Nov-1993	2.4	0.20	1.48	0.12	1.17	0.04	-4.65	0.02	0.00	990.15
Dec-1993	1.55	0.13	1.15	0.10	1.00	0.00	-2.00	0.01	0.00	989.15
Jan-1994	1.55	0.13	1.68	0.14	1.00	0.08	0.59	0.60	0.00	988.14
Feb-1994	2.52	0.21	4.11	0.34	0.83	1.78	6.16	6.63	3.68	990.99
Mar-1994	4.03	0.34	3.11	0.26	1.00	0.84	-5.43	5.75	0.00	989.99
Apr-1994	5.7	0.48	1.34	0.11	1.17	0.01	-21.83	2.11	0.00	988.82
May-1994	7.75	0.65	0.00	0.00	1.50	0.00	-38.75	0.58	0.00	987.32
Jun-1994	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.15	0.00	985.49
Jul-1994	9.3	0.78	0.00	0.00	2.00	0.00	-46.50	0.04	0.00	983.48
Aug-1994	8.37	0.70	1.21	0.10	2.00	0.00	-35.83	0.01	0.00	981.48
Sep-1994	6.3	0.53	0.00	0.00	1.67	0.00	-31.50	0.01	0.00	979.81
Oct-1994	4.34	0.36	0.19	0.02	1.50	0.00	-20.74	0.00	0.00	978.31
Nov-1994	2.4	0.20	0.68	0.06	1.17	0.00	-8.61	0.00	0.00	977.14
Dec-1994	1.55	0.13	0.96	0.08	1.00	0.00	-2.93	0.00	0.00	976.14
Jan-1995	1.55	0.13	10.03	0.84	1.00	11.12	31.27	22.93	165.31	1004.00
Feb-1995	2.52	0.21	3.25	0.27	0.83	0.95	2.70	23.79	23.35	1004.00
Mar-1995	4.03	0.34	6.56	0.55	1.00	5.08	7.59	26.07	67.01	1004.00
Apr-1995	5.7	0.48	1.25	0.10	1.17	0.01	-22.27	22.79	0.00	1002.83
May-1995	7.75	0.65	1.09	0.09	1.50	0.00	-33.29	7.24	0.00	1001.33
Jun-1995	8.7	0.73	0.48	0.04	1.84	0.00	-41.12	2.02	0.00	999.49
Jul-1995	9.3	0.78	0.06	0.00	2.00	0.00	-46.21	0.51	0.00	997.49
Aug-1995	8.37	0.70	0.64	0.05	2.00	0.00	-38.67	0.17	0.00	995.49
Sep-1995	6.3	0.53	0.28	0.02	1.67	0.00	-30.10	0.07	0.00	993.82
Oct-1995	4.34	0.36	0.00	0.00	1.50	0.00	-21.70	0.04	0.00	992.32
Nov-1995	2.4	0.20	0.08	0.01	1.17	0.00	-11.61	0.03	0.00	991.15
Dec-1995	1.55	0.13	0.57	0.05	1.00	0.00	-4.92	0.02	0.00	990.15
Jan-1996	1.55	0.13	1.52	0.13	1.00	0.05	-0.17	0.02	0.00	989.15
Feb-1996	2.52	0.21	3.17	0.26	0.83	0.89	2.39	2.41	0.00	988.31
Mar-1996	4.03	0.34	2.73	0.23	1.00	0.56	-7.06	1.65	0.00	987.31
Apr-1996	5.7	0.48	0.53	0.04	1.17	0.00	-25.87	0.58	0.00	986.14
May-1996	7.75	0.65	0.07	0.01	1.50	0.00	-38.40	0.16	0.00	984.64
Jun-1996	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.04	0.00	982.80
Jul-1996	9.3	0.78	0.00	0.00	2.00	0.00	-46.50	0.01	0.00	980.80
Aug-1996	8.37	0.70	0.07	0.01	2.00	0.00	-41.50	0.00	0.00	978.80
Sep-1996	6.3	0.53	0.03	0.00	1.67	0.00	-31.34	0.00	0.00	977.13
Oct-1996	4.34	0.36	1.54	0.13	1.50	0.05	-14.05	0.00	0.00	975.63
Nov-1996	2.4	0.20	0.91	0.08	1.17	0.00	-7.44	0.00	0.00	974.46
Dec-1996	1.55	0.13	1.97	0.16	1.00	0.18	1.90	1.90	0.00	973.46

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2B

Jan-1997	1.55	0.13	4.29	0.36	1.00	1.99	11.73	12.09	44.07	1004.00
Feb-1997	2.52	0.21	1.51	0.13	0.83	0.04	-5.08	10.40	0.00	1003.17
Mar-1997	4.03	0.34	0.02	0.00	1.00	0.00	-20.05	4.65	0.00	1002.16
Apr-1997	5.7	0.48	0.22	0.02	1.17	0.00	-27.41	1.88	0.00	1001.00
May-1997	7.75	0.65	0.00	0.00	1.50	0.00	-38.75	0.57	0.00	999.49
Jun-1997	8.7	0.73	0.07	0.01	1.84	0.00	-43.15	0.16	0.00	997.66
Jul-1997	9.3	0.78	1.91	0.16	2.00	0.16	-37.08	0.05	0.00	995.66
Aug-1997	8.37	0.70	0.16	0.01	2.00	0.00	-41.05	0.02	0.00	993.65
Sep-1997	6.3	0.53	1.74	0.15	1.67	0.10	-22.88	0.01	0.00	991.98
Oct-1997	4.34	0.36	4.17	0.35	1.50	1.85	-2.70	0.01	0.00	990.48
Nov-1997	2.4	0.20	0.00	0.00	1.17	0.00	-12.00	0.01	0.00	989.31
Dec-1997	1.55	0.13	0.00	0.00	1.00	0.00	-7.75	0.00	0.00	988.31
Jan-1998	1.55	0.13	1.59	0.13	1.00	0.06	0.15	0.15	0.00	987.31
Feb-1998	2.52	0.21	10.27	0.86	0.83	11.59	27.18	20.73	141.11	1004.00
Mar-1998	4.03	0.34	4.36	0.36	1.00	2.06	-0.43	20.12	6.34	1004.00
Apr-1998	5.7	0.48	2.17	0.18	1.17	0.26	-17.90	14.21	0.00	1002.83
May-1998	7.75	0.65	1.16	0.10	1.50	0.00	-32.96	4.16	0.00	1001.33
Jun-1998	8.7	0.73	0.02	0.00	1.84	0.00	-43.38	1.03	0.00	999.49
Jul-1998	9.3	0.78	0.10	0.01	2.00	0.00	-45.99	0.26	0.00	997.49
Aug-1998	8.37	0.70	0.20	0.02	2.00	0.00	-40.86	0.08	0.00	995.49
Sep-1998	6.3	0.53	0.20	0.02	1.67	0.00	-30.51	0.03	0.00	993.82
Oct-1998	4.34	0.36	0.04	0.00	1.50	0.00	-21.52	0.02	0.00	992.32
Nov-1998	2.4	0.20	1.16	0.10	1.17	0.00	-6.21	0.02	0.00	991.15
Dec-1998	1.55	0.13	1.41	0.12	1.00	0.02	-0.73	0.02	0.00	990.15
Jan-1999	1.55	0.13	1.65	0.14	1.00	0.07	0.41	0.42	0.00	989.15
Feb-1999	2.52	0.21	0.82	0.07	0.83	0.00	-8.49	0.27	0.00	988.31
Mar-1999	4.03	0.34	0.62	0.05	1.00	0.00	-17.05	0.14	0.00	987.31
Apr-1999	5.7	0.48	3.28	0.27	1.17	0.97	-13.07	0.09	0.00	986.14
May-1999	7.75	0.65	0.00	0.00	1.50	0.00	-38.75	0.03	0.00	984.64
Jun-1999	8.7	0.73	0.46	0.04	1.84	0.00	-41.22	0.01	0.00	982.80
Jul-1999	9.3	0.78	0.36	0.03	2.00	0.00	-44.71	0.00	0.00	980.80
Aug-1999	8.37	0.70	0.00	0.00	2.00	0.00	-41.85	0.00	0.00	978.80
Sep-1999	6.3	0.53	0.14	0.01	1.67	0.00	-30.82	0.00	0.00	977.13
Oct-1999	4.34	0.36	0.00	0.00	1.50	0.00	-21.70	0.00	0.00	975.63
Nov-1999	2.4	0.20	0.00	0.00	1.17	0.00	-12.00	0.00	0.00	974.46
Dec-1999	1.55	0.13	0.21	0.02	1.00	0.00	-6.72	0.00	0.00	973.46
Jan-2000	1.55	0.13	0.74	0.06	1.00	0.00	-4.05	0.00	0.00	972.46
Feb-2000	2.52	0.21	4.17	0.35	0.83	1.84	6.38	6.34	1.33	972.95
Mar-2000	4.03	0.34	1.46	0.12	1.00	0.03	-12.89	4.61	0.00	971.95
Apr-2000	5.7	0.48	0.46	0.04	1.17	0.00	-26.22	1.34	0.00	970.78
May-2000	7.75	0.65	0.00	0.00	1.50	0.00	-38.75	0.38	0.00	969.28
Jun-2000	8.7	0.73	0.21	0.02	1.84	0.00	-42.47	0.11	0.00	967.44
Jul-2000	9.3	0.78	0.00	0.00	2.00	0.00	-46.50	0.03	0.00	965.44
Aug-2000	8.37	0.70	0.13	0.01	2.00	0.00	-41.21	0.01	0.00	963.43
Sep-2000	6.3	0.53	0.30	0.02	1.67	0.00	-30.02	0.00	0.00	961.76

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2B

Oct-2000	4.34	0.36	0.64	0.05	1.50	0.00	-18.50	0.00	0.00	960.26
Nov-2000	2.4	0.20	0.39	0.03	1.17	0.00	-10.07	0.00	0.00	959.09
Dec-2000	1.55	0.13	0.04	0.00	1.00	0.00	-7.56	0.00	0.00	958.09
Jan-2001	1.55	0.13	2.90	0.24	1.00	0.68	6.06	6.06	0.00	957.09
Feb-2001	2.52	0.21	4.08	0.34	0.83	1.75	6.06	10.81	37.48	993.74
Mar-2001	4.03	0.34	1.75	0.15	1.00	0.10	-11.52	16.50	0.00	992.74
Apr-2001	5.7	0.48	1.44	0.12	1.17	0.03	-21.32	7.61	0.00	991.57
May-2001	7.75	0.65	0.03	0.00	1.50	0.00	-38.59	2.29	0.00	990.07
Jun-2001	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.64	0.00	988.23
Jul-2001	9.3	0.78	0.12	0.01	2.00	0.00	-45.90	0.18	0.00	986.23
Aug-2001	8.37	0.70	0.00	0.00	2.00	0.00	-41.85	0.06	0.00	984.23
Sep-2001	6.3	0.53	0.24	0.02	1.67	0.00	-30.31	0.02	0.00	982.56
Oct-2001	4.34	0.36	0.00	0.00	1.50	0.00	-21.70	0.01	0.00	981.05
Nov-2001	2.4	0.20	1.10	0.09	1.17	0.00	-6.50	0.01	0.00	979.89
Dec-2001	1.55	0.13	1.01	0.08	1.00	0.00	-2.70	0.01	0.00	978.88
Jan-2002	1.55	0.13	0.40	0.03	1.00	0.00	-5.76	0.01	0.00	977.88
Feb-2002	2.52	0.21	0.12	0.01	0.83	0.00	-12.00	0.01	0.00	977.05
Mar-2002	4.03	0.34	1.11	0.09	1.00	0.00	-14.59	0.00	0.00	976.05
Apr-2002	5.7	0.48	0.39	0.03	1.17	0.00	-26.57	0.00	0.00	974.88
May-2002	7.75	0.65	0.00	0.00	1.50	0.00	-38.75	0.00	0.00	973.38
Jun-2002	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.00	0.00	971.54
Jul-2002	9.3	0.78	0.19	0.02	2.00	0.00	-45.56	0.00	0.00	969.54
Aug-2002	8.37	0.70	0.00	0.00	2.00	0.00	-41.85	0.00	0.00	967.54
Sep-2002	6.3	0.53	1.15	0.10	1.67	0.00	-25.73	0.00	0.00	965.87
Oct-2002	4.34	0.36	0.01	0.00	1.50	0.00	-21.64	0.00	0.00	964.36
Nov-2002	2.4	0.20	1.03	0.09	1.17	0.00	-6.87	0.00	0.00	963.20
Dec-2002	1.55	0.13	1.84	0.15	1.00	0.13	1.32	1.32	0.00	962.19
Jan-2003	1.55	0.13	0.18	0.01	1.00	0.00	-6.85	0.93	0.00	961.19
Feb-2003	2.52	0.21	4.05	0.34	0.83	1.71	5.93	6.80	1.67	962.03
Mar-2003	4.03	0.34	2.17	0.18	1.00	0.26	-9.55	5.32	0.00	961.03
Apr-2003	5.7	0.48	1.54	0.13	1.17	0.05	-20.83	1.99	0.00	959.86
May-2003	7.75	0.65	0.90	0.08	1.50	0.00	-34.25	0.63	0.00	958.36
Jun-2003	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.17	0.00	956.53
Jul-2003	9.3	0.78	1.91	0.16	2.00	0.16	-37.10	0.06	0.00	954.52
Aug-2003	8.37	0.70	1.47	0.12	2.00	0.04	-34.51	0.02	0.00	952.52
Sep-2003	6.3	0.53	0.37	0.03	1.67	0.00	-29.63	0.01	0.00	950.85
Oct-2003	4.34	0.36	0.00	0.00	1.50	0.00	-21.70	0.00	0.00	949.35
Nov-2003	2.4	0.20	0.55	0.05	1.17	0.00	-9.25	0.00	0.00	948.18
Dec-2003	1.55	0.13	1.25	0.10	1.00	0.01	-1.50	0.00	0.00	947.18
Jan-2004	1.55	0.13	0.67	0.06	1.00	0.00	-4.38	0.00	0.00	946.18
Feb-2004	2.52	0.21	4.41	0.37	0.83	2.12	7.33	7.07	7.50	952.85
Mar-2004	4.03	0.34	0.66	0.05	1.00	0.00	-16.87	4.63	0.00	951.85
Apr-2004	5.7	0.48	1.32	0.11	1.17	0.01	-21.92	1.59	0.00	950.68
May-2004	7.75	0.65	0.00	0.00	1.50	0.00	-38.75	0.44	0.00	949.18
Jun-2004	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.12	0.00	947.34

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2B

Jul-2004	9.3	0.78	0.14	0.01	2.00	0.00	-45.80	0.03	0.00	945.34
Aug-2004	8.37	0.70	0.01	0.00	2.00	0.00	-41.79	0.01	0.00	943.33
Sep-2004	6.3	0.53	0.00	0.00	1.67	0.00	-31.50	0.00	0.00	941.67
Oct-2004	4.34	0.36	8.51	0.71	1.50	8.33	12.50	10.82	48.13	988.29
Nov-2004	2.4	0.20	1.07	0.09	1.17	0.00	-6.64	8.89	0.00	987.12
Dec-2004	1.55	0.13	4.70	0.39	1.00	2.46	13.27	18.32	86.99	1004.00
Jan-2005	1.55	0.13	5.12	0.43	1.00	3.00	14.85	25.23	107.68	1004.00
Feb-2005	2.52	0.21	4.85	0.40	0.83	2.65	8.99	26.25	78.89	1004.00
Mar-2005	4.03	0.34	1.58	0.13	1.00	0.06	-12.29	26.25	0.00	1003.00
Apr-2005	5.7	0.48	0.58	0.05	1.17	0.00	-25.59	11.03	0.00	1001.83
May-2005	7.75	0.65	0.04	0.00	1.50	0.00	-38.56	3.38	0.00	1000.33
Jun-2005	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.94	0.00	998.49
Jul-2005	9.3	0.78	0.46	0.04	2.00	0.00	-44.18	0.27	0.00	996.49
Aug-2005	8.37	0.70	2.51	0.21	2.00	0.43	-29.74	0.12	0.00	994.49
Sep-2005	6.3	0.53	0.01	0.00	1.67	0.00	-31.44	0.05	0.00	992.82
Oct-2005	4.34	0.36	0.61	0.05	1.50	0.00	-18.64	0.03	0.00	991.32
Nov-2005	2.4	0.20	0.11	0.01	1.17	0.00	-11.45	0.02	0.00	990.15
Dec-2005	1.55	0.13	0.00	0.00	1.00	0.00	-7.75	0.02	0.00	989.15
Jan-2006	1.55	0.13	0.98	0.08	1.00	0.00	-2.88	0.02	0.00	988.14
Feb-2006	2.52	0.21	1.29	0.11	0.83	0.01	-6.17	0.01	0.00	987.31
Mar-2006	4.03	0.34	3.34	0.28	1.00	1.02	-4.48	0.01	0.00	986.31
Apr-2006	5.7	0.48	2.23	0.19	1.17	0.29	-17.63	0.01	0.00	985.14
May-2006	7.75	0.65	0.22	0.02	1.50	0.00	-37.66	0.00	0.00	983.64
Jun-2006	8.7	0.73	0.16	0.01	1.84	0.00	-42.72	0.00	0.00	981.80
Jul-2006	9.3	0.78	0.52	0.04	2.00	0.00	-43.91	0.00	0.00	979.80
Aug-2006	8.37	0.70	0.03	0.00	2.00	0.00	-41.69	0.00	0.00	977.80
Sep-2006	6.3	0.53	0.07	0.01	1.67	0.00	-31.15	0.00	0.00	976.13
Oct-2006	4.34	0.36	0.36	0.03	1.50	0.00	-19.91	0.00	0.00	974.63
Nov-2006	2.4	0.20	0.17	0.01	1.17	0.00	-11.16	0.00	0.00	973.46
Dec-2006	1.55	0.13	1.18	0.10	1.00	0.00	-1.84	0.00	0.00	972.46
Jan-2007	1.55	0.13	0.74	0.06	1.00	0.00	-4.05	0.00	0.00	971.45
Feb-2007	2.52	0.21	3.05	0.25	0.83	0.79	1.88	1.88	0.00	970.62
Mar-2007	4.03	0.34	0.22	0.02	1.00	0.00	-19.06	0.74	0.00	969.62
Apr-2007	5.7	0.48	0.76	0.06	1.17	0.00	-24.70	0.30	0.00	968.45
May-2007	7.75	0.65	0.04	0.00	1.50	0.00	-38.56	0.09	0.00	966.95
Jun-2007	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.02	0.00	965.11
Jul-2007	9.3	0.78	0.18	0.01	2.00	0.00	-45.60	0.01	0.00	963.11
Aug-2007	8.37	0.70	0.13	0.01	2.00	0.00	-41.21	0.00	0.00	961.11
Sep-2007	6.3	0.53	0.01	0.00	1.67	0.00	-31.44	0.00	0.00	959.44
Oct-2007	4.34	0.36	0.17	0.01	1.50	0.00	-20.86	0.00	0.00	957.94
Nov-2007	2.4	0.20	0.32	0.03	1.17	0.00	-10.40	0.00	0.00	956.77
Dec-2007	1.55	0.13	2.66	0.22	1.00	0.52	5.01	5.01	0.00	955.77
Jan-2008	1.55	0.13	7.22	0.60	1.00	6.14	22.23	20.99	135.79	1004.00
Feb-2008	2.52	0.21	2.85	0.24	0.83	0.65	1.03	21.36	10.18	1004.00
Mar-2008	4.03	0.34	0.51	0.04	1.00	0.00	-17.62	22.15	0.00	1003.00

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2B

Apr-2008	5.7	0.48	0.00	0.00	1.17	0.00	-28.50	8.19	0.00	1001.83
May-2008	7.75	0.65	0.26	0.02	1.50	0.00	-37.46	2.54	0.00	1000.33
Jun-2008	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.70	0.00	998.49
Jul-2008	9.3	0.78	0.00	0.00	2.00	0.00	-46.50	0.18	0.00	996.49
Aug-2008	8.37	0.70	1.34	0.11	2.00	0.01	-35.18	0.07	0.00	994.49
Sep-2008	6.3	0.53	0.00	0.00	1.67	0.00	-31.50	0.03	0.00	992.82
Oct-2008	4.34	0.36	0.00	0.00	1.50	0.00	-21.70	0.02	0.00	991.32
Nov-2008	2.4	0.20	1.79	0.15	1.17	0.11	-3.18	0.01	0.00	990.15
Dec-2008	1.55	0.13	6.15	0.51	1.00	4.45	18.53	15.87	76.47	1004.00
Jan-2009	1.55	0.13	0.20	0.02	1.00	0.00	-6.76	12.91	0.00	1003.00
Feb-2009	2.52	0.21	3.66	0.31	0.83	1.32	4.39	16.20	31.13	1004.00
Mar-2009	4.03	0.34	0.09	0.01	1.00	0.00	-19.70	9.08	0.00	1003.00
Apr-2009	5.7	0.48	0.24	0.02	1.17	0.00	-27.31	3.16	0.00	1001.83
May-2009	7.75	0.65	0.00	0.00	1.50	0.00	-38.75	0.94	0.00	1000.33
Jun-2009	8.7	0.73	0.03	0.00	1.84	0.00	-43.34	0.26	0.00	998.49
Jul-2009	9.3	0.78	0.00	0.00	2.00	0.00	-46.50	0.07	0.00	996.49
Aug-2009	8.37	0.70	0.00	0.00	2.00	0.00	-41.85	0.02	0.00	994.49
Sep-2009	6.3	0.53	0.03	0.00	1.67	0.00	-31.34	0.01	0.00	992.82
Oct-2009	4.34	0.36	0.03	0.00	1.50	0.00	-21.54	0.00	0.00	991.32
Nov-2009	2.4	0.20	0.69	0.06	1.17	0.00	-8.53	0.00	0.00	990.15
Dec-2009	1.55	0.13	4.82	0.40	1.00	2.62	13.74	12.15	45.25	1004.00
Jan-2010	1.55	0.13	6.54	0.55	1.00	5.05	19.90	23.82	137.78	1004.00
Feb-2010	2.52	0.21	5.08	0.42	0.83	2.95	9.86	26.25	81.49	1004.00
Mar-2010	4.03	0.34	1.36	0.11	1.00	0.02	-13.38	26.25	0.00	1003.00
Apr-2010	5.7	0.48	2.34	0.19	1.17	0.34	-17.16	14.42	0.00	1001.83
May-2010	7.75	0.65	0.00	0.00	1.50	0.00	-38.75	4.32	0.00	1000.33
Jun-2010	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	1.19	0.00	998.49
Jul-2010	9.3	0.78	0.07	0.01	2.00	0.00	-46.15	0.32	0.00	996.49
Aug-2010	8.37	0.70	0.00	0.00	2.00	0.00	-41.85	0.10	0.00	994.49
Sep-2010	6.3	0.53	0.08	0.01	1.67	0.00	-31.11	0.04	0.00	992.82
Oct-2010	4.34	0.36	3.20	0.27	1.50	0.91	-6.62	0.03	0.00	991.32
Nov-2010	2.4	0.20	1.18	0.10	1.17	0.00	-6.11	0.03	0.00	990.15
Dec-2010	1.55	0.13	8.15	0.68	1.00	7.70	25.29	19.89	123.06	1004.00
Jan-2011	1.55	0.13	0.24	0.02	1.00	0.00	-6.56	17.39	0.00	1003.00
Feb-2011	2.52	0.21	4.89	0.41	0.83	2.70	9.13	22.18	67.15	1004.00
Mar-2011	4.03	0.34	1.63	0.14	1.00	0.07	-12.07	17.25	0.00	1003.00
Apr-2011	5.7	0.48	0.39	0.03	1.17	0.00	-26.57	6.54	0.00	1001.83
May-2011	7.75	0.65	0.71	0.06	1.50	0.00	-35.18	2.12	0.00	1000.33
Jun-2011	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.57	0.00	998.49
Jul-2011	9.3	0.78	0.22	0.02	2.00	0.00	-45.41	0.15	0.00	996.49
Aug-2011	8.37	0.70	1.27	0.11	2.00	0.01	-35.52	0.06	0.00	994.49
Sep-2011	6.3	0.53	0.22	0.02	1.67	0.00	-30.41	0.02	0.00	992.82
Oct-2011	4.34	0.36	0.64	0.05	1.50	0.00	-18.52	0.01	0.00	991.32
Nov-2011	2.4	0.20	3.36	0.28	1.17	1.04	3.77	3.78	0.00	990.15
Dec-2011	1.55	0.13	1.61	0.13	1.00	0.06	0.22	4.00	0.00	989.15

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 2B

Jan-2012	1.55	0.13	0.73	0.06	1.00	0.00	-4.12	3.18	0.00	988.14
Feb-2012	2.52	0.21	2.00	0.17	0.83	0.19	-2.80	2.77	0.00	987.31
Mar-2012	4.03	0.34	2.86	0.24	1.00	0.65	-6.51	2.08	0.00	986.31
Apr-2012	5.7	0.48	2.83	0.24	1.17	0.63	-14.99	1.16	0.00	985.14
May-2012	7.75	0.65	0.00	0.00	1.50	0.00	-38.75	0.32	0.00	983.64
Jun-2012	8.7	0.73	0.00	0.00	1.84	0.00	-43.50	0.08	0.00	981.80

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0	0.00	4.47	0.00	-9.30	7.25	0.00	999.53
Aug-1982	8.37	0.70	0.68	0.06	4.47	0.00	-7.69	2.51	0.00	995.07
Sep-1982	6.3	0.53	0.32	0.03	4.09	0.00	-5.98	1.10	0.00	990.98
Oct-1982	4.34	0.36	0	0.00	3.90	0.00	-4.34	0.60	0.00	987.07
Nov-1982	2.4	0.20	0.71	0.06	3.53	0.00	-1.69	0.48	0.00	983.54
Dec-1982	1.55	0.13	0	0.00	3.34	0.00	-1.55	0.39	0.00	980.20
Jan-1983	1.55	0.13	1.92	0.16	3.34	0.05	0.32	0.70	0.00	976.85
Feb-1983	2.52	0.21	3.35	0.28	3.16	0.33	0.50	1.21	0.00	973.70
Mar-1983	4.03	0.34	8.32	0.69	3.34	2.05	2.24	7.25	0.00	1004.00
Apr-1983	5.7	0.48	1.36	0.11	3.45	0.01	-4.35	3.98	0.00	1000.55
May-1983	7.75	0.65	0.12	0.01	4.66	0.00	-7.63	1.39	0.00	995.89
Jun-1983	8.7	0.73	0	0.00	3.25	0.00	-8.70	0.42	0.00	992.64
Jul-1983	9.3	0.78	0	0.00	2.94	0.00	-9.30	0.12	0.00	989.70
Aug-1983	8.37	0.70	1.18	0.10	3.14	0.00	-7.19	0.04	0.00	986.56
Sep-1983	6.3	0.53	0.95	0.08	2.47	0.00	-5.35	0.02	0.00	984.09
Oct-1983	4.34	0.36	1.06	0.09	2.05	0.00	-3.28	0.01	0.00	982.05
Nov-1983	2.4	0.20	1.42	0.12	1.87	0.01	-0.99	0.01	0.00	980.18
Dec-1983	1.55	0.13	0	0.00	1.50	0.00	-1.55	0.01	0.00	978.68
Jan-1984	1.55	0.13	0.24	0.02	1.52	0.00	-1.31	0.01	0.00	977.16
Feb-1984	2.52	0.21	0	0.00	1.49	0.00	-2.52	0.01	0.00	975.67
Mar-1984	4.03	0.34	0.04	0.00	1.82	0.00	-3.99	0.00	0.00	973.85
Apr-1984	5.7	0.48	0.12	0.01	1.37	0.00	-5.58	0.00	0.00	972.49
May-1984	7.75	0.65	0	0.00	1.68	0.00	-7.75	0.00	0.00	970.80
Jun-1984	8.7	0.73	0.12	0.01	3.00	0.00	-8.58	0.00	0.00	967.80
Jul-1984	9.3	0.78	2.8	0.23	3.19	0.20	-6.70	0.00	0.00	964.61
Aug-1984	8.37	0.70	0	0.00	3.19	0.00	-8.37	0.00	0.00	961.42
Sep-1984	6.3	0.53	0	0.00	2.82	0.00	-6.30	0.00	0.00	958.61
Oct-1984	4.34	0.36	0.04	0.00	2.63	0.00	-4.30	0.00	0.00	955.98
Nov-1984	2.4	0.20	0.83	0.07	2.25	0.00	-1.57	0.00	0.00	953.72
Dec-1984	1.55	0.13	3.62	0.30	2.07	0.40	1.67	1.67	0.00	966.57
Jan-1985	1.55	0.13	0.98	0.08	2.07	0.00	-0.57	1.55	0.00	964.51
Feb-1985	2.52	0.21	0	0.00	1.88	0.00	-2.52	1.09	0.00	962.62
Mar-1985	4.03	0.34	0	0.00	2.07	0.00	-4.03	0.63	0.00	960.56
Apr-1985	5.7	0.48	0	0.00	2.25	0.00	-5.70	0.29	0.00	958.30
May-1985	7.75	0.65	0	0.00	2.63	0.00	-7.75	0.10	0.00	955.67
Jun-1985	8.7	0.73	0.04	0.00	3.00	0.00	-8.66	0.03	0.00	952.67
Jul-1985	9.3	0.78	1.1	0.09	3.19	0.00	-8.20	0.01	0.00	949.48
Aug-1985	8.37	0.70	0	0.00	3.19	0.00	-8.37	0.00	0.00	946.29
Sep-1985	6.3	0.53	0.51	0.04	2.82	0.00	-5.79	0.00	0.00	943.48

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3

Oct-1985	4.34	0.36	0.47	0.04	2.63	0.00	-3.87	0.00	0.00	940.85
Nov-1985	2.4	0.20	3.51	0.29	2.25	0.37	0.74	0.74	0.00	938.59
Dec-1985	1.55	0.13	0.39	0.03	2.07	0.00	-1.16	0.63	0.00	936.52
Jan-1986	1.55	0.13	0.51	0.04	2.07	0.00	-1.04	0.55	0.00	934.46
Feb-1986	2.52	0.21	2.25	0.19	1.88	0.10	-0.37	0.52	0.00	932.58
Mar-1986	4.03	0.34	2.21	0.18	2.07	0.09	-1.91	0.40	0.00	930.51
Apr-1986	5.7	0.48	0.04	0.00	2.25	0.00	-5.66	0.18	0.00	928.25
May-1986	7.75	0.65	0	0.00	2.63	0.00	-7.75	0.06	0.00	925.62
Jun-1986	8.7	0.73	0	0.00	3.00	0.00	-8.70	0.02	0.00	922.62
Jul-1986	9.3	0.78	0	0.00	3.19	0.00	-9.30	0.01	0.00	919.43
Aug-1986	8.37	0.70	0.16	0.01	3.19	0.00	-8.21	0.00	0.00	916.24
Sep-1986	6.3	0.53	0	0.00	2.82	0.00	-6.30	0.00	0.00	913.43
Oct-1986	4.34	0.36	0	0.00	2.63	0.00	-4.34	0.00	0.00	910.80
Nov-1986	2.4	0.20	0.67	0.06	2.25	0.00	-1.73	0.00	0.00	908.54
Dec-1986	1.55	0.13	0.43	0.04	2.07	0.00	-1.12	0.00	0.00	906.47
Jan-1987	1.55	0.13	1.5	0.13	2.07	0.01	-0.06	0.00	0.00	904.41
Feb-1987	2.52	0.21	0.63	0.05	1.88	0.00	-1.89	0.00	0.00	902.53
Mar-1987	4.03	0.34	0	0.00	2.07	0.00	-4.03	0.00	0.00	900.46
Apr-1987	5.7	0.48	0.16	0.01	2.25	0.00	-5.54	0.00	0.00	898.20
May-1987	7.75	0.65	0.12	0.01	2.63	0.00	-7.63	0.00	0.00	895.57
Jun-1987	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.00	0.00	893.52
Jul-1987	9.3	0.78	0	0.00	2.24	0.00	-9.30	0.00	0.00	891.27
Aug-1987	8.37	0.70	0	0.00	2.24	0.00	-8.37	0.00	0.00	889.03
Sep-1987	6.3	0.53	0.39	0.03	1.87	0.00	-5.91	0.00	0.00	887.16
Oct-1987	4.34	0.36	0	0.00	1.68	0.00	-4.34	0.00	0.00	885.48
Nov-1987	2.4	0.20	0.91	0.08	1.31	0.00	-1.49	0.00	0.00	884.17
Dec-1987	1.55	0.13	1.69	0.14	1.12	0.03	0.11	0.11	0.00	883.05
Jan-1988	1.55	0.13	2.6	0.22	1.12	0.16	0.89	1.00	0.00	881.93
Feb-1988	2.52	0.21	2.09	0.17	0.93	0.08	-0.51	0.93	0.00	880.99
Mar-1988	4.03	0.34	0.43	0.04	1.12	0.00	-3.60	0.57	0.00	879.87
Apr-1988	5.7	0.48	1.38	0.12	1.31	0.01	-4.33	0.31	0.00	878.56
May-1988	7.75	0.65	0	0.00	1.68	0.00	-7.75	0.11	0.00	876.88
Jun-1988	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.03	0.00	874.82
Jul-1988	9.3	0.78	0.24	0.02	2.24	0.00	-9.06	0.01	0.00	872.58
Aug-1988	8.37	0.70	0.79	0.07	2.24	0.00	-7.58	0.00	0.00	870.34
Sep-1988	6.3	0.53	0.32	0.03	1.87	0.00	-5.98	0.00	0.00	868.47
Oct-1988	4.34	0.36	0	0.00	1.68	0.00	-4.34	0.00	0.00	866.79
Nov-1988	2.4	0.20	0.47	0.04	1.31	0.00	-1.93	0.00	0.00	865.48
Dec-1988	1.55	0.13	1.18	0.10	1.12	0.00	-0.37	0.00	0.00	864.36
Jan-1989	1.55	0.13	0.59	0.05	1.12	0.00	-0.96	0.00	0.00	863.23
Feb-1989	2.52	0.21	0.04	0.00	0.93	0.00	-2.48	0.00	0.00	862.30
Mar-1989	4.03	0.34	0	0.00	1.12	0.00	-4.03	0.00	0.00	861.18
Apr-1989	5.7	0.48	0	0.00	1.31	0.00	-5.70	0.00	0.00	859.87
May-1989	7.75	0.65	0.12	0.01	1.68	0.00	-7.63	0.00	0.00	858.19
Jun-1989	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.00	0.00	856.13

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3

Jul-1989	9.3	0.78	0.35	0.03	2.24	0.00	-8.95	0.00	0.00	853.89
Aug-1989	8.37	0.70	0.87	0.07	2.24	0.00	-7.50	0.00	0.00	851.64
Sep-1989	6.3	0.53	0	0.00	1.87	0.00	-6.30	0.00	0.00	849.78
Oct-1989	4.34	0.36	1.62	0.14	1.68	0.02	-2.74	0.00	0.00	848.09
Nov-1989	2.4	0.20	0.08	0.01	1.31	0.00	-2.32	0.00	0.00	846.78
Dec-1989	1.55	0.13	0.12	0.01	1.12	0.00	-1.43	0.00	0.00	845.66
Jan-1990	1.55	0.13	1.82	0.15	1.12	0.04	0.23	0.23	0.00	844.54
Feb-1990	2.52	0.21	0.71	0.06	0.93	0.00	-1.81	0.18	0.00	843.61
Mar-1990	4.03	0.34	0.55	0.05	1.12	0.00	-3.48	0.11	0.00	842.48
Apr-1990	5.7	0.48	0.75	0.06	1.31	0.00	-4.95	0.06	0.00	841.18
May-1990	7.75	0.65	0.32	0.03	1.68	0.00	-7.43	0.02	0.00	839.49
Jun-1990	8.7	0.73	2.76	0.23	2.06	0.19	-6.13	0.01	0.00	837.44
Jul-1990	9.3	0.78	0	0.00	2.24	0.00	-9.30	0.00	0.00	835.19
Aug-1990	8.37	0.70	0	0.00	2.24	0.00	-8.37	0.00	0.00	832.95
Sep-1990	6.3	0.53	0.16	0.01	1.87	0.00	-6.14	0.00	0.00	831.08
Oct-1990	4.34	0.36	0.16	0.01	1.68	0.00	-4.18	0.00	0.00	829.40
Nov-1990	2.4	0.20	0.43	0.04	1.31	0.00	-1.97	0.00	0.00	828.09
Dec-1990	1.55	0.13	0.59	0.05	1.12	0.00	-0.96	0.00	0.00	826.97
Jan-1991	1.55	0.13	1.06	0.09	1.12	0.00	-0.49	0.00	0.00	825.85
Feb-1991	2.52	0.21	3.23	0.27	0.93	0.30	0.41	0.41	0.00	824.91
Mar-1991	4.03	0.34	5.91	0.49	1.12	1.12	0.76	1.17	0.00	843.81
Apr-1991	5.7	0.48	0	0.00	1.31	0.00	-5.70	0.53	0.00	842.50
May-1991	7.75	0.65	0.04	0.00	1.68	0.00	-7.71	0.18	0.00	840.82
Jun-1991	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.06	0.00	838.77
Jul-1991	9.3	0.78	0.2	0.02	2.24	0.00	-9.10	0.02	0.00	836.52
Aug-1991	8.37	0.70	0.32	0.03	2.24	0.00	-8.05	0.01	0.00	834.28
Sep-1991	6.3	0.53	0.43	0.04	1.87	0.00	-5.87	0.00	0.00	832.41
Oct-1991	4.34	0.36	0.43	0.04	1.68	0.00	-3.91	0.00	0.00	830.73
Nov-1991	2.4	0.20	0.16	0.01	1.31	0.00	-2.24	0.00	0.00	829.42
Dec-1991	1.55	0.13	2.36	0.20	1.12	0.12	0.69	0.69	0.00	828.30
Jan-1992	1.55	0.13	1.85	0.15	1.12	0.04	0.26	0.95	0.00	827.18
Feb-1992	2.52	0.21	3.31	0.28	0.93	0.32	0.47	1.42	0.00	836.93
Mar-1992	4.03	0.34	4.73	0.39	1.12	0.72	-0.02	1.42	0.00	850.92
Apr-1992	5.7	0.48	0.47	0.04	1.31	0.00	-5.23	0.69	0.00	849.61
May-1992	7.75	0.65	0.63	0.05	1.68	0.00	-7.12	0.26	0.00	847.93
Jun-1992	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.08	0.00	845.87
Jul-1992	9.3	0.78	0.75	0.06	2.24	0.00	-8.55	0.02	0.00	843.63
Aug-1992	8.37	0.70	1.69	0.14	2.24	0.03	-6.71	0.01	0.00	841.38
Sep-1992	6.3	0.53	0	0.00	1.87	0.00	-6.30	0.00	0.00	839.52
Oct-1992	4.34	0.36	0.28	0.02	1.68	0.00	-4.06	0.00	0.00	837.83
Nov-1992	2.4	0.20	0.08	0.01	1.31	0.00	-2.32	0.00	0.00	836.52
Dec-1992	1.55	0.13	2.76	0.23	1.12	0.19	1.02	1.02	0.00	835.40
Jan-1993	1.55	0.13	9.89	0.82	1.12	2.70	5.64	6.66	0.00	1004.00
Feb-1993	2.52	0.21	5.24	0.44	0.93	0.89	1.83	7.25	1.42	1004.00
Mar-1993	4.03	0.34	0.79	0.07	1.12	0.00	-3.24	7.25	0.00	1002.88

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3

Apr-1993	5.7	0.48	0	0.00	1.31	0.00	-5.70	3.30	0.00	1001.57
May-1993	7.75	0.65	0.2	0.02	1.68	0.00	-7.55	1.17	0.00	999.89
Jun-1993	8.7	0.73	0.2	0.02	2.06	0.00	-8.50	0.36	0.00	997.83
Jul-1993	9.3	0.78	0	0.00	2.24	0.00	-9.30	0.10	0.00	995.59
Aug-1993	8.37	0.70	0	0.00	2.24	0.00	-8.37	0.03	0.00	993.34
Sep-1993	6.3	0.53	0	0.00	1.87	0.00	-6.30	0.01	0.00	991.48
Oct-1993	4.34	0.36	0.08	0.01	1.68	0.00	-4.26	0.01	0.00	989.79
Nov-1993	2.4	0.20	1.3	0.11	1.31	0.00	-1.10	0.01	0.00	988.48
Dec-1993	1.55	0.13	0.63	0.05	1.12	0.00	-0.92	0.01	0.00	987.36
Jan-1994	1.55	0.13	1.02	0.09	1.12	0.00	-0.53	0.01	0.00	986.24
Feb-1994	2.52	0.21	3.7	0.31	0.93	0.42	0.76	0.77	0.00	985.31
Mar-1994	4.03	0.34	2.32	0.19	1.12	0.11	-1.82	0.60	0.00	984.19
Apr-1994	5.7	0.48	0.75	0.06	1.31	0.00	-4.95	0.30	0.00	982.88
May-1994	7.75	0.65	0.08	0.01	1.68	0.00	-7.67	0.10	0.00	981.19
Jun-1994	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.03	0.00	979.14
Jul-1994	9.3	0.78	0	0.00	2.24	0.00	-9.30	0.01	0.00	976.89
Aug-1994	8.37	0.70	1.69	0.14	2.24	0.03	-6.71	0.00	0.00	974.65
Sep-1994	6.3	0.53	0.39	0.03	1.87	0.00	-5.91	0.00	0.00	972.78
Oct-1994	4.34	0.36	0.04	0.00	1.68	0.00	-4.30	0.00	0.00	971.10
Nov-1994	2.4	0.20	0.47	0.04	1.31	0.00	-1.93	0.00	0.00	969.79
Dec-1994	1.55	0.13	1.65	0.14	1.12	0.02	0.08	0.08	0.00	968.67
Jan-1995	1.55	0.13	6.5	0.54	1.12	1.34	3.61	3.69	0.00	1004.00
Feb-1995	2.52	0.21	3.15	0.26	0.93	0.28	0.35	4.04	0.00	1004.00
Mar-1995	4.03	0.34	3.66	0.31	1.12	0.41	-0.78	7.25	0.00	1002.88
Apr-1995	5.7	0.48	0.55	0.05	1.31	0.00	-5.15	3.56	0.00	1001.57
May-1995	7.75	0.65	0.79	0.07	1.68	0.00	-6.96	1.36	0.00	999.89
Jun-1995	8.7	0.73	0.2	0.02	2.06	0.00	-8.50	0.42	0.00	997.83
Jul-1995	9.3	0.78	0.04	0.00	2.24	0.00	-9.26	0.12	0.00	995.59
Aug-1995	8.37	0.70	0.55	0.05	2.24	0.00	-7.82	0.04	0.00	993.34
Sep-1995	6.3	0.53	0.47	0.04	1.87	0.00	-5.83	0.02	0.00	991.48
Oct-1995	4.34	0.36	0	0.00	1.68	0.00	-4.34	0.01	0.00	989.79
Nov-1995	2.4	0.20	0	0.00	1.31	0.00	-2.40	0.01	0.00	988.48
Dec-1995	1.55	0.13	0.28	0.02	1.12	0.00	-1.27	0.01	0.00	987.36
Jan-1996	1.55	0.13	1.18	0.10	1.12	0.00	-0.37	0.01	0.00	986.24
Feb-1996	2.52	0.21	5.16	0.43	0.93	0.86	1.78	1.78	0.00	1004.00
Mar-1996	4.03	0.34	1.58	0.13	1.12	0.02	-2.47	1.27	0.00	1002.88
Apr-1996	5.7	0.48	0.08	0.01	1.31	0.00	-5.62	0.58	0.00	1001.57
May-1996	7.75	0.65	0.16	0.01	1.68	0.00	-7.59	0.21	0.00	999.89
Jun-1996	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.06	0.00	997.83
Jul-1996	9.3	0.78	0.04	0.00	2.24	0.00	-9.26	0.02	0.00	995.59
Aug-1996	8.37	0.70	0	0.00	2.24	0.00	-8.37	0.01	0.00	993.34
Sep-1996	6.3	0.53	0.16	0.01	1.87	0.00	-6.14	0.00	0.00	991.48
Oct-1996	4.34	0.36	0.87	0.07	1.68	0.00	-3.47	0.00	0.00	989.79
Nov-1996	2.4	0.20	0.87	0.07	1.31	0.00	-1.53	0.00	0.00	988.48
Dec-1996	1.55	0.13	1.42	0.12	1.12	0.01	-0.14	0.00	0.00	987.36

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3

Jan-1997	1.55	0.13	3.58	0.30	1.12	0.38	1.65	1.65	0.00	1000.11
Feb-1997	2.52	0.21	1.02	0.09	0.93	0.00	-1.50	1.34	0.00	999.18
Mar-1997	4.03	0.34	0.04	0.00	1.12	0.00	-3.99	0.77	0.00	998.05
Apr-1997	5.7	0.48	0.43	0.04	1.31	0.00	-5.27	0.37	0.00	996.75
May-1997	7.75	0.65	0	0.00	1.68	0.00	-7.75	0.13	0.00	995.06
Jun-1997	8.7	0.73	0.55	0.05	2.06	0.00	-8.15	0.04	0.00	993.01
Jul-1997	9.3	0.78	0.08	0.01	2.24	0.00	-9.22	0.01	0.00	990.76
Aug-1997	8.37	0.70	0	0.00	2.24	0.00	-8.37	0.00	0.00	988.52
Sep-1997	6.3	0.53	1.97	0.16	1.87	0.06	-4.39	0.00	0.00	986.65
Oct-1997	4.34	0.36	0.08	0.01	1.68	0.00	-4.26	0.00	0.00	984.97
Nov-1997	2.4	0.20	1.38	0.12	1.31	0.01	-1.03	0.00	0.00	983.66
Dec-1997	1.55	0.13	2.68	0.22	1.12	0.18	0.95	0.95	0.00	982.54
Jan-1998	1.55	0.13	1.42	0.12	1.12	0.01	-0.14	0.94	0.00	981.42
Feb-1998	2.52	0.21	7.76	0.65	0.93	1.82	3.42	4.35	0.00	1004.00
Mar-1998	4.03	0.34	3.66	0.31	1.12	0.41	-0.78	3.91	0.00	1002.88
Apr-1998	5.7	0.48	1.69	0.14	1.31	0.03	-4.04	2.24	0.00	1001.57
May-1998	7.75	0.65	1.3	0.11	1.68	0.00	-6.45	0.92	0.00	999.89
Jun-1998	8.7	0.73	0.04	0.00	2.06	0.00	-8.66	0.28	0.00	997.83
Jul-1998	9.3	0.78	0.08	0.01	2.24	0.00	-9.22	0.08	0.00	995.59
Aug-1998	8.37	0.70	1.65	0.14	2.24	0.02	-6.74	0.03	0.00	993.34
Sep-1998	6.3	0.53	0.32	0.03	1.87	0.00	-5.98	0.01	0.00	991.48
Oct-1998	4.34	0.36	0.04	0.00	1.68	0.00	-4.30	0.01	0.00	989.79
Nov-1998	2.4	0.20	1.38	0.12	1.31	0.01	-1.03	0.01	0.00	988.48
Dec-1998	1.55	0.13	1.42	0.12	1.12	0.01	-0.14	0.01	0.00	987.36
Jan-1999	1.55	0.13	1.58	0.13	1.12	0.02	0.01	0.02	0.00	986.24
Feb-1999	2.52	0.21	0.87	0.07	0.93	0.00	-1.65	0.01	0.00	985.31
Mar-1999	4.03	0.34	0.71	0.06	1.12	0.00	-3.32	0.01	0.00	984.19
Apr-1999	5.7	0.48	1.73	0.14	1.31	0.03	-4.00	0.00	0.00	982.88
May-1999	7.75	0.65	0.2	0.02	1.68	0.00	-7.55	0.00	0.00	981.19
Jun-1999	8.7	0.73	0.32	0.03	2.06	0.00	-8.38	0.00	0.00	979.14
Jul-1999	9.3	0.78	0.87	0.07	2.24	0.00	-8.43	0.00	0.00	976.89
Aug-1999	8.37	0.70	0	0.00	2.24	0.00	-8.37	0.00	0.00	974.65
Sep-1999	6.3	0.53	0.08	0.01	1.87	0.00	-6.22	0.00	0.00	972.78
Oct-1999	4.34	0.36	0.2	0.02	1.68	0.00	-4.14	0.00	0.00	971.10
Nov-1999	2.4	0.20	0.04	0.00	1.31	0.00	-2.36	0.00	0.00	969.79
Dec-1999	1.55	0.13	0.2	0.02	1.12	0.00	-1.35	0.00	0.00	968.67
Jan-2000	1.55	0.13	0.71	0.06	1.12	0.00	-0.84	0.00	0.00	967.55
Feb-2000	2.52	0.21	3.58	0.30	0.93	0.38	0.68	0.68	0.00	966.61
Mar-2000	4.03	0.34	1.14	0.10	1.12	0.00	-2.89	0.45	0.00	965.49
Apr-2000	5.7	0.48	0.55	0.05	1.31	0.00	-5.15	0.22	0.00	964.18
May-2000	7.75	0.65	0.04	0.00	1.68	0.00	-7.71	0.08	0.00	962.50
Jun-2000	8.7	0.73	0.28	0.02	2.06	0.00	-8.42	0.02	0.00	960.44
Jul-2000	9.3	0.78	0	0.00	2.24	0.00	-9.30	0.01	0.00	958.20
Aug-2000	8.37	0.70	0.79	0.07	2.24	0.00	-7.58	0.00	0.00	955.96
Sep-2000	6.3	0.53	0.16	0.01	1.87	0.00	-6.14	0.00	0.00	954.09

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3

Oct-2000	4.34	0.36	0.67	0.06	1.68	0.00	-3.67	0.00	0.00	952.41
Nov-2000	2.4	0.20	0.28	0.02	1.31	0.00	-2.12	0.00	0.00	951.10
Dec-2000	1.55	0.13	0.08	0.01	1.12	0.00	-1.47	0.00	0.00	949.98
Jan-2001	1.55	0.13	1.69	0.14	1.12	0.03	0.11	0.11	0.00	948.86
Feb-2001	2.52	0.21	2.56	0.21	0.93	0.15	-0.11	0.11	0.00	947.92
Mar-2001	4.03	0.34	0.87	0.07	1.12	0.00	-3.16	0.07	0.00	946.80
Apr-2001	5.7	0.48	1.02	0.09	1.31	0.00	-4.68	0.04	0.00	945.49
May-2001	7.75	0.65	0	0.00	1.68	0.00	-7.75	0.01	0.00	943.81
Jun-2001	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.00	0.00	941.75
Jul-2001	9.3	0.78	0.04	0.00	2.24	0.00	-9.26	0.00	0.00	939.51
Aug-2001	8.37	0.70	0	0.00	2.24	0.00	-8.37	0.00	0.00	937.27
Sep-2001	6.3	0.53	2.44	0.20	1.87	0.13	-3.99	0.00	0.00	935.40
Oct-2001	4.34	0.36	0	0.00	1.68	0.00	-4.34	0.00	0.00	933.71
Nov-2001	2.4	0.20	0.59	0.05	1.31	0.00	-1.81	0.00	0.00	932.41
Dec-2001	1.55	0.13	1.1	0.09	1.12	0.00	-0.45	0.00	0.00	931.28
Jan-2002	1.55	0.13	0.32	0.03	1.12	0.00	-1.23	0.00	0.00	930.16
Feb-2002	2.52	0.21	0.16	0.01	0.93	0.00	-2.36	0.00	0.00	929.23
Mar-2002	4.03	0.34	0.67	0.06	1.12	0.00	-3.36	0.00	0.00	928.11
Apr-2002	5.7	0.48	0.43	0.04	1.31	0.00	-5.27	0.00	0.00	926.80
May-2002	7.75	0.65	0	0.00	1.68	0.00	-7.75	0.00	0.00	925.11
Jun-2002	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.00	0.00	923.06
Jul-2002	9.3	0.78	0	0.00	2.24	0.00	-9.30	0.00	0.00	920.82
Aug-2002	8.37	0.70	0	0.00	2.24	0.00	-8.37	0.00	0.00	918.57
Sep-2002	6.3	0.53	0.95	0.08	1.87	0.00	-5.35	0.00	0.00	916.70
Oct-2002	4.34	0.36	0.16	0.01	1.68	0.00	-4.18	0.00	0.00	915.02
Nov-2002	2.4	0.20	1.46	0.12	1.31	0.01	-0.95	0.00	0.00	913.71
Dec-2002	1.55	0.13	1.38	0.12	1.12	0.01	-0.18	0.00	0.00	912.59
Jan-2003	1.55	0.13	0.16	0.01	1.12	0.00	-1.39	0.00	0.00	911.47
Feb-2003	2.52	0.21	3.62	0.30	0.93	0.40	0.70	0.70	0.00	910.53
Mar-2003	4.03	0.34	1.42	0.12	1.12	0.01	-2.62	0.49	0.00	909.41
Apr-2003	5.7	0.48	1.5	0.13	1.31	0.01	-4.21	0.27	0.00	908.10
May-2003	7.75	0.65	0.83	0.07	1.68	0.00	-6.92	0.11	0.00	906.42
Jun-2003	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.03	0.00	904.37
Jul-2003	9.3	0.78	0.2	0.02	2.24	0.00	-9.10	0.01	0.00	902.12
Aug-2003	8.37	0.70	1.93	0.16	2.24	0.05	-6.49	0.00	0.00	899.88
Sep-2003	6.3	0.53	0.04	0.00	1.87	0.00	-6.26	0.00	0.00	898.01
Oct-2003	4.34	0.36	0	0.00	1.68	0.00	-4.34	0.00	0.00	896.33
Nov-2003	2.4	0.20	0.55	0.05	1.31	0.00	-1.85	0.00	0.00	895.02
Dec-2003	1.55	0.13	1.5	0.13	1.12	0.01	-0.06	0.00	0.00	893.90
Jan-2004	1.55	0.13	0.59	0.05	1.12	0.00	-0.96	0.00	0.00	892.78
Feb-2004	2.52	0.21	3.66	0.31	0.93	0.41	0.73	0.73	0.00	891.84
Mar-2004	4.03	0.34	1.54	0.13	1.12	0.02	-2.51	0.52	0.00	890.72
Apr-2004	5.7	0.48	0.66	0.06	1.31	0.00	-5.04	0.26	0.00	889.41
May-2004	7.75	0.65	0	0.00	1.68	0.00	-7.75	0.09	0.00	887.73
Jun-2004	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.03	0.00	885.67

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3

Jul-2004	9.3	0.78	0.24	0.02	2.24	0.00	-9.06	0.01	0.00	883.43
Aug-2004	8.37	0.70	0.51	0.04	2.24	0.00	-7.86	0.00	0.00	881.19
Sep-2004	6.3	0.53	0.04	0.00	1.87	0.00	-6.26	0.00	0.00	879.32
Oct-2004	4.34	0.36	6.58	0.55	1.68	1.37	0.87	0.87	0.00	884.36
Nov-2004	2.4	0.20	0.67	0.06	1.31	0.00	-1.73	0.69	0.00	883.05
Dec-2004	1.55	0.13	4.14	0.35	1.12	0.54	2.05	2.74	0.00	953.02
Jan-2005	1.55	0.13	3.55	0.30	1.12	0.38	1.62	4.36	0.00	1004.00
Feb-2005	2.52	0.21	4.18	0.35	0.93	0.55	1.11	7.25	0.00	1004.00
Mar-2005	4.03	0.34	1.02	0.09	1.12	0.00	-3.01	4.79	0.00	1002.88
Apr-2005	5.7	0.48	0.39	0.03	1.31	0.00	-5.31	2.30	0.00	1001.57
May-2005	7.75	0.65	0.04	0.00	1.68	0.00	-7.71	0.79	0.00	999.89
Jun-2005	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.24	0.00	997.83
Jul-2005	9.3	0.78	0.55	0.05	2.24	0.00	-8.75	0.07	0.00	995.59
Aug-2005	8.37	0.70	3.19	0.27	2.24	0.29	-5.47	0.03	0.00	993.34
Sep-2005	6.3	0.53	0.08	0.01	1.87	0.00	-6.22	0.01	0.00	991.48
Oct-2005	4.34	0.36	0.59	0.05	1.68	0.00	-3.75	0.01	0.00	989.79
Nov-2005	2.4	0.20	0.04	0.00	1.31	0.00	-2.36	0.01	0.00	988.48
Dec-2005	1.55	0.13	0.12	0.01	1.12	0.00	-1.43	0.01	0.00	987.36
Jan-2006	1.55	0.13	0.51	0.04	1.12	0.00	-1.04	0.00	0.00	986.24
Feb-2006	2.52	0.21	1.06	0.09	0.93	0.00	-1.46	0.00	0.00	985.31
Mar-2006	4.03	0.34	2.64	0.22	1.12	0.17	-1.56	0.00	0.00	984.19
Apr-2006	5.7	0.48	1.73	0.14	1.31	0.03	-4.00	0.00	0.00	982.88
May-2006	7.75	0.65	0.08	0.01	1.68	0.00	-7.67	0.00	0.00	981.19
Jun-2006	8.7	0.73	0.16	0.01	2.06	0.00	-8.54	0.00	0.00	979.14
Jul-2006	9.3	0.78	0.35	0.03	2.24	0.00	-8.95	0.00	0.00	976.89
Aug-2006	8.37	0.70	0.08	0.01	2.24	0.00	-8.29	0.00	0.00	974.65
Sep-2006	6.3	0.53	0.04	0.00	1.87	0.00	-6.26	0.00	0.00	972.78
Oct-2006	4.34	0.36	0.24	0.02	1.68	0.00	-4.10	0.00	0.00	971.10
Nov-2006	2.4	0.20	0.08	0.01	1.31	0.00	-2.32	0.00	0.00	969.79
Dec-2006	1.55	0.13	0.79	0.07	1.12	0.00	-0.76	0.00	0.00	968.67
Jan-2007	1.55	0.13	0.35	0.03	1.12	0.00	-1.20	0.00	0.00	967.55
Feb-2007	2.52	0.21	1.3	0.11	0.93	0.00	-1.22	0.00	0.00	966.61
Mar-2007	4.03	0.34	0.39	0.03	1.12	0.00	-3.64	0.00	0.00	965.49
Apr-2007	5.7	0.48	0.32	0.03	1.31	0.00	-5.38	0.00	0.00	964.18
May-2007	7.75	0.65	0	0.00	1.68	0.00	-7.75	0.00	0.00	962.50
Jun-2007	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.00	0.00	960.44
Jul-2007	9.3	0.78	0	0.00	2.24	0.00	-9.30	0.00	0.00	958.20
Aug-2007	8.37	0.70	0	0.00	2.24	0.00	-8.37	0.00	0.00	955.96
Sep-2007	6.3	0.53	0.16	0.01	1.87	0.00	-6.14	0.00	0.00	954.09
Oct-2007	4.34	0.36	0.16	0.01	1.68	0.00	-4.18	0.00	0.00	952.41
Nov-2007	2.4	0.20	1.65	0.14	1.31	0.02	-0.77	0.00	0.00	951.10
Dec-2007	1.55	0.13	0.79	0.07	1.12	0.00	-0.76	0.00	0.00	949.98
Jan-2008	1.55	0.13	4.32	0.36	1.12	0.59	2.18	2.18	0.00	981.73
Feb-2008	2.52	0.21	2.09	0.17	0.93	0.08	-0.51	2.03	0.00	980.80
Mar-2008	4.03	0.34	0.32	0.03	1.12	0.00	-3.71	1.22	0.00	979.68

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3

Apr-2008	5.7	0.48	0	0.00	1.31	0.00	-5.70	0.55	0.00	978.37
May-2008	7.75	0.65	0.2	0.02	1.68	0.00	-7.55	0.20	0.00	976.69
Jun-2008	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.06	0.00	974.63
Jul-2008	9.3	0.78	0	0.00	2.24	0.00	-9.30	0.02	0.00	972.39
Aug-2008	8.37	0.70	0.24	0.02	2.24	0.00	-8.13	0.01	0.00	970.14
Sep-2008	6.3	0.53	0.63	0.05	1.87	0.00	-5.67	0.00	0.00	968.28
Oct-2008	4.34	0.36	0.04	0.00	1.68	0.00	-4.30	0.00	0.00	966.59
Nov-2008	2.4	0.20	1.38	0.12	1.31	0.01	-1.03	0.00	0.00	965.28
Dec-2008	1.55	0.13	5.39	0.45	1.12	0.94	2.90	2.90	0.00	1004.00
Jan-2009	1.55	0.13	0.08	0.01	1.12	0.00	-1.47	2.37	0.00	1002.88
Feb-2009	2.52	0.21	2.56	0.21	0.93	0.15	-0.11	2.33	0.00	1003.08
Mar-2009	4.03	0.34	0	0.00	1.12	0.00	-4.03	1.34	0.00	1001.96
Apr-2009	5.7	0.48	0.16	0.01	1.31	0.00	-5.54	0.62	0.00	1000.65
May-2009	7.75	0.65	0	0.00	1.68	0.00	-7.75	0.21	0.00	998.97
Jun-2009	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.06	0.00	996.91
Jul-2009	9.3	0.78	0.32	0.03	2.24	0.00	-8.98	0.02	0.00	994.67
Aug-2009	8.37	0.70	0	0.00	2.24	0.00	-8.37	0.01	0.00	992.42
Sep-2009	6.3	0.53	0	0.00	1.87	0.00	-6.30	0.00	0.00	990.55
Oct-2009	4.34	0.36	0.04	0.00	1.68	0.00	-4.30	0.00	0.00	988.87
Nov-2009	2.4	0.20	0.43	0.04	1.31	0.00	-1.97	0.00	0.00	987.56
Dec-2009	1.55	0.13	3.31	0.28	1.12	0.32	1.44	1.44	0.00	993.14
Jan-2010	1.55	0.13	5.75	0.48	1.12	1.06	3.14	4.58	0.00	1004.00
Feb-2010	2.52	0.21	2.76	0.23	0.93	0.19	0.05	7.25	0.00	1004.00
Mar-2010	4.03	0.34	1.18	0.10	1.12	0.00	-2.85	4.89	0.00	1002.88
Apr-2010	5.7	0.48	1.46	0.12	1.31	0.01	-4.25	2.72	0.00	1001.57
May-2010	7.75	0.65	0	0.00	1.68	0.00	-7.75	0.93	0.00	999.89
Jun-2010	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.28	0.00	997.83
Jul-2010	9.3	0.78	0.04	0.00	2.24	0.00	-9.26	0.08	0.00	995.59
Aug-2010	8.37	0.70	0	0.00	2.24	0.00	-8.37	0.02	0.00	993.34
Sep-2010	6.3	0.53	0	0.00	1.87	0.00	-6.30	0.01	0.00	991.48
Oct-2010	4.34	0.36	4.1	0.34	1.68	0.53	-0.77	0.01	0.00	989.79
Nov-2010	2.4	0.20	0.83	0.07	1.31	0.00	-1.57	0.01	0.00	988.48
Dec-2010	1.55	0.13	4.1	0.34	1.12	0.53	2.02	2.03	0.00	1004.00
Jan-2011	1.55	0.13	0.47	0.04	1.12	0.00	-1.08	1.75	0.00	1002.88
Feb-2011	2.52	0.21	4.52	0.38	0.93	0.66	1.34	3.09	0.00	1004.00
Mar-2011	4.03	0.34	1.65	0.14	1.12	0.02	-2.40	2.22	0.00	1002.88
Apr-2011	5.7	0.48	0.24	0.02	1.31	0.00	-5.46	1.05	0.00	1001.57
May-2011	7.75	0.65	0.71	0.06	1.68	0.00	-7.04	0.40	0.00	999.89
Jun-2011	8.7	0.73	0.16	0.01	2.06	0.00	-8.54	0.12	0.00	997.83
Jul-2011	9.3	0.78	0.55	0.05	2.24	0.00	-8.75	0.04	0.00	995.59
Aug-2011	8.37	0.70	0.34	0.03	2.24	0.00	-8.03	0.01	0.00	993.34
Sep-2011	6.3	0.53	0	0.00	1.87	0.00	-6.30	0.01	0.00	991.48
Oct-2011	4.34	0.36	0.5	0.04	1.68	0.00	-3.84	0.00	0.00	989.79
Nov-2011	2.4	0.20	2.71	0.23	1.31	0.18	0.13	0.13	0.00	988.48
Dec-2011	1.55	0.13	1.95	0.16	1.12	0.06	0.34	0.47	0.00	987.36

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3

Jan-2012	1.55	0.13	0.77	0.06	1.12	0.00	-0.78	0.43	0.00	986.24
Feb-2012	2.52	0.21	1.26	0.11	0.93	0.00	-1.26	0.36	0.00	985.31
Mar-2012	4.03	0.34	1.87	0.16	1.12	0.05	-2.21	0.26	0.00	984.19
Apr-2012	5.7	0.48	1.77	0.15	1.31	0.04	-3.97	0.15	0.00	982.88
May-2012	7.75	0.65	0	0.00	1.68	0.00	-7.75	0.05	0.00	981.19
Jun-2012	8.7	0.73	0	0.00	2.06	0.00	-8.70	0.02	0.00	979.14

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3B

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0.33	0.03	4.47	0.00	-8.97	7.25	0.00	999.53
Aug-1982	8.37	0.70	0.56	0.05	4.47	0.00	-7.81	2.47	0.00	995.07
Sep-1982	6.3	0.53	0.37	0.03	4.09	0.00	-5.93	1.09	0.00	990.98
Oct-1982	4.34	0.36	0.13	0.01	3.90	0.00	-4.21	0.61	0.00	987.07
Nov-1982	2.4	0.20	4.38	0.36	3.53	0.61	1.37	1.98	0.00	993.69
Dec-1982	1.55	0.13	3.41	0.28	3.34	0.34	1.52	3.50	0.00	1004.00
Jan-1983	1.55	0.13	2.21	0.18	3.34	0.09	0.57	4.07	0.00	1004.00
Feb-1983	2.52	0.21	4.77	0.40	3.16	0.73	1.52	5.58	0.00	1004.00
Mar-1983	4.03	0.34	9.83	0.82	3.34	2.68	3.12	7.25	1.66	1004.00
Apr-1983	5.7	0.48	2.21	0.18	3.45	0.09	-3.59	7.25	0.00	1000.55
May-1983	7.75	0.65	0.19	0.02	4.66	0.00	-7.56	2.56	0.00	995.89
Jun-1983	8.7	0.73	0.00	0.00	3.25	0.00	-8.70	0.77	0.00	992.64
Jul-1983	9.3	0.78	0.01	0.00	2.94	0.00	-9.29	0.21	0.00	989.70
Aug-1983	8.37	0.70	4.02	0.33	3.14	0.51	-4.86	0.11	0.00	986.56
Sep-1983	6.3	0.53	0.67	0.06	2.47	0.00	-5.63	0.05	0.00	984.09
Oct-1983	4.34	0.36	1.15	0.10	2.05	0.00	-3.19	0.03	0.00	982.05
Nov-1983	2.4	0.20	2.43	0.20	1.87	0.13	-0.10	0.03	0.00	980.18
Dec-1983	1.55	0.13	0.99	0.08	1.50	0.00	-0.56	0.03	0.00	978.68
Jan-1984	1.55	0.13	0.12	0.01	1.52	0.00	-1.43	0.02	0.00	977.16
Feb-1984	2.52	0.21	0.00	0.00	1.49	0.00	-2.52	0.02	0.00	975.67
Mar-1984	4.03	0.34	0.04	0.00	1.82	0.00	-3.99	0.01	0.00	973.85
Apr-1984	5.7	0.48	0.24	0.02	1.37	0.00	-5.46	0.00	0.00	972.49
May-1984	7.75	0.65	0.00	0.00	1.68	0.00	-7.75	0.00	0.00	970.80
Jun-1984	8.7	0.73	0.55	0.05	3.00	0.00	-8.15	0.00	0.00	967.80
Jul-1984	9.3	0.78	1.49	0.12	3.19	0.01	-7.82	0.00	0.00	964.61
Aug-1984	8.37	0.70	2.27	0.19	3.19	0.10	-6.20	0.00	0.00	961.42
Sep-1984	6.3	0.53	0.66	0.06	2.82	0.00	-5.64	0.00	0.00	958.61
Oct-1984	4.34	0.36	0.18	0.01	2.63	0.00	-4.16	0.00	0.00	955.98
Nov-1984	2.4	0.20	1.42	0.12	2.25	0.01	-0.99	0.00	0.00	953.72
Dec-1984	1.55	0.13	4.22	0.35	2.07	0.56	2.10	2.10	0.00	981.91
Jan-1985	1.55	0.13	1.58	0.13	2.07	0.02	0.01	2.11	0.00	980.57
Feb-1985	2.52	0.21	1.45	0.12	1.88	0.01	-1.08	1.82	0.00	978.69
Mar-1985	4.03	0.34	0.27	0.02	2.07	0.00	-3.76	1.08	0.00	976.62
Apr-1985	5.7	0.48	0.04	0.00	2.25	0.00	-5.66	0.50	0.00	974.37
May-1985	7.75	0.65	0.09	0.01	2.63	0.00	-7.66	0.17	0.00	971.74
Jun-1985	8.7	0.73	1.72	0.14	3.00	0.03	-7.01	0.07	0.00	968.74
Jul-1985	9.3	0.78	0.00	0.00	3.19	0.00	-9.30	0.02	0.00	965.55
Aug-1985	8.37	0.70	0.33	0.03	3.19	0.00	-8.04	0.01	0.00	962.36
Sep-1985	6.3	0.53	0.68	0.06	2.82	0.00	-5.62	0.00	0.00	959.54
Oct-1985	4.34	0.36	4.49	0.37	2.63	0.65	-0.49	0.00	0.00	956.91
Nov-1985	2.4	0.20	1.75	0.15	2.25	0.03	-0.69	0.00	0.00	954.66
Dec-1985	1.55	0.13	0.00	0.00	2.07	0.00	-1.55	0.00	0.00	952.59
Jan-1986	1.55	0.13	0.74	0.06	2.07	0.00	-0.81	0.00	0.00	950.52
Feb-1986	2.52	0.21	3.50	0.29	1.88	0.36	0.61	0.62	0.00	948.64
Mar-1986	4.03	0.34	3.44	0.29	2.07	0.35	-0.94	0.54	0.00	946.57
Apr-1986	5.7	0.48	0.28	0.02	2.25	0.00	-5.42	0.26	0.00	944.32
May-1986	7.75	0.65	0.01	0.00	2.63	0.00	-7.74	0.09	0.00	941.69
Jun-1986	8.7	0.73	0.00	0.00	3.00	0.00	-8.70	0.03	0.00	938.69

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3B

Jul-1986	9.3	0.78	0.35	0.03	3.19	0.00	-8.95	0.01	0.00	935.50
Aug-1986	8.37	0.70	0.06	0.00	3.19	0.00	-8.31	0.00	0.00	932.31
Sep-1986	6.3	0.53	1.31	0.11	2.82	0.00	-5.00	0.00	0.00	929.49
Oct-1986	4.34	0.36	2.10	0.17	2.63	0.08	-2.32	0.00	0.00	926.87
Nov-1986	2.4	0.20	0.57	0.05	2.25	0.00	-1.83	0.00	0.00	924.61
Dec-1986	1.55	0.13	0.71	0.06	2.07	0.00	-0.84	0.00	0.00	922.54
Jan-1987	1.55	0.13	1.64	0.14	2.07	0.02	0.07	0.07	0.00	920.47
Feb-1987	2.52	0.21	2.53	0.21	1.88	0.15	-0.14	0.07	0.00	918.59
Mar-1987	4.03	0.34	2.55	0.21	2.07	0.15	-1.63	0.05	0.00	916.53
Apr-1987	5.7	0.48	0.20	0.02	2.25	0.00	-5.51	0.03	0.00	914.27
May-1987	7.75	0.65	0.08	0.01	2.63	0.00	-7.67	0.01	0.00	911.64
Jun-1987	8.7	0.73	0.01	0.00	2.06	0.00	-8.69	0.00	0.00	909.59
Jul-1987	9.3	0.78	0.00	0.00	2.24	0.00	-9.30	0.00	0.00	907.34
Aug-1987	8.37	0.70	0.64	0.05	2.24	0.00	-7.73	0.00	0.00	905.10
Sep-1987	6.3	0.53	0.48	0.04	1.87	0.00	-5.82	0.00	0.00	903.23
Oct-1987	4.34	0.36	3.10	0.26	1.68	0.27	-1.51	0.00	0.00	901.55
Nov-1987	2.4	0.20	2.46	0.20	1.31	0.13	-0.08	0.00	0.00	900.24
Dec-1987	1.55	0.13	1.81	0.15	1.12	0.04	0.22	0.22	0.00	899.12
Jan-1988	1.55	0.13	3.46	0.29	1.12	0.35	1.56	1.77	0.00	917.59
Feb-1988	2.52	0.21	1.93	0.16	0.93	0.05	-0.65	1.62	0.00	916.65
Mar-1988	4.03	0.34	0.71	0.06	1.12	0.00	-3.32	1.03	0.00	915.53
Apr-1988	5.7	0.48	2.46	0.21	1.31	0.13	-3.37	0.64	0.00	914.22
May-1988	7.75	0.65	0.35	0.03	1.68	0.00	-7.40	0.23	0.00	912.54
Jun-1988	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.07	0.00	910.49
Jul-1988	9.3	0.78	0.02	0.00	2.24	0.00	-9.28	0.02	0.00	908.24
Aug-1988	8.37	0.70	1.63	0.14	2.24	0.02	-6.76	0.01	0.00	906.00
Sep-1988	6.3	0.53	0.00	0.00	1.87	0.00	-6.30	0.00	0.00	904.13
Oct-1988	4.34	0.36	0.00	0.00	1.68	0.00	-4.34	0.00	0.00	902.45
Nov-1988	2.4	0.20	1.07	0.09	1.31	0.00	-1.33	0.00	0.00	901.14
Dec-1988	1.55	0.13	2.10	0.17	1.12	0.08	0.47	0.47	0.00	900.02
Jan-1989	1.55	0.13	1.05	0.09	1.12	0.00	-0.50	0.44	0.00	898.90
Feb-1989	2.52	0.21	1.17	0.10	0.93	0.00	-1.35	0.37	0.00	897.96
Mar-1989	4.03	0.34	1.63	0.14	1.12	0.02	-2.42	0.26	0.00	896.84
Apr-1989	5.7	0.48	0.21	0.02	1.31	0.00	-5.49	0.12	0.00	895.53
May-1989	7.75	0.65	0.13	0.01	1.68	0.00	-7.62	0.04	0.00	893.85
Jun-1989	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.01	0.00	891.79
Jul-1989	9.3	0.78	0.00	0.00	2.24	0.00	-9.30	0.00	0.00	889.55
Aug-1989	8.37	0.70	0.00	0.00	2.24	0.00	-8.37	0.00	0.00	887.31
Sep-1989	6.3	0.53	0.17	0.01	1.87	0.00	-6.13	0.00	0.00	885.44
Oct-1989	4.34	0.36	0.35	0.03	1.68	0.00	-3.99	0.00	0.00	883.75
Nov-1989	2.4	0.20	0.03	0.00	1.31	0.00	-2.37	0.00	0.00	882.45
Dec-1989	1.55	0.13	0.29	0.02	1.12	0.00	-1.26	0.00	0.00	881.32
Jan-1990	1.55	0.13	3.03	0.25	1.12	0.25	1.23	1.23	0.00	880.20
Feb-1990	2.52	0.21	1.76	0.15	0.93	0.04	-0.80	1.10	0.00	879.27
Mar-1990	4.03	0.34	0.69	0.06	1.12	0.00	-3.34	0.70	0.00	878.15
Apr-1990	5.7	0.48	0.98	0.08	1.31	0.00	-4.72	0.36	0.00	876.84
May-1990	7.75	0.65	0.23	0.02	1.68	0.00	-7.52	0.13	0.00	875.16
Jun-1990	8.7	0.73	0.22	0.02	2.06	0.00	-8.48	0.04	0.00	873.10
Jul-1990	9.3	0.78	0.11	0.01	2.24	0.00	-9.19	0.01	0.00	870.86
Aug-1990	8.37	0.70	0.18	0.01	2.24	0.00	-8.19	0.00	0.00	868.61
Sep-1990	6.3	0.53	0.62	0.05	1.87	0.00	-5.68	0.00	0.00	866.74
Oct-1990	4.34	0.36	0.04	0.00	1.68	0.00	-4.30	0.00	0.00	865.06
Nov-1990	2.4	0.20	0.55	0.05	1.31	0.00	-1.85	0.00	0.00	863.75
Dec-1990	1.55	0.13	1.29	0.11	1.12	0.00	-0.27	0.00	0.00	862.63
Jan-1991	1.55	0.13	1.34	0.11	1.12	0.00	-0.22	0.00	0.00	861.51

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3B

Feb-1991	2.52	0.21	2.21	0.18	0.93	0.09	-0.40	0.00	0.00	860.57
Mar-1991	4.03	0.34	12.06	1.01	1.12	3.65	4.38	4.38	0.00	989.93
Apr-1991	5.7	0.48	0.05	0.00	1.31	0.00	-5.65	2.01	0.00	988.62
May-1991	7.75	0.65	0.00	0.00	1.68	0.00	-7.75	0.69	0.00	986.94
Jun-1991	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.21	0.00	984.88
Jul-1991	9.3	0.78	0.61	0.05	2.24	0.00	-8.69	0.06	0.00	982.64
Aug-1991	8.37	0.70	0.00	0.00	2.24	0.00	-8.37	0.02	0.00	980.40
Sep-1991	6.3	0.53	0.35	0.03	1.87	0.00	-5.95	0.01	0.00	978.53
Oct-1991	4.34	0.36	0.58	0.05	1.68	0.00	-3.76	0.01	0.00	976.84
Nov-1991	2.4	0.20	0.30	0.02	1.31	0.00	-2.10	0.00	0.00	975.54
Dec-1991	1.55	0.13	2.80	0.23	1.12	0.20	1.05	1.05	0.00	974.41
Jan-1992	1.55	0.13	2.68	0.22	1.12	0.18	0.96	2.01	0.00	998.33
Feb-1992	2.52	0.21	5.00	0.42	0.93	0.81	1.67	3.68	0.00	1004.00
Mar-1992	4.03	0.34	4.89	0.41	1.12	0.77	0.09	3.77	0.00	1004.00
Apr-1992	5.7	0.48	0.67	0.06	1.31	0.00	-5.03	1.88	0.00	1002.69
May-1992	7.75	0.65	0.23	0.02	1.68	0.00	-7.52	0.67	0.00	1001.01
Jun-1992	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.20	0.00	998.95
Jul-1992	9.3	0.78	0.74	0.06	2.24	0.00	-8.56	0.06	0.00	996.71
Aug-1992	8.37	0.70	2.03	0.17	2.24	0.07	-6.41	0.03	0.00	994.47
Sep-1992	6.3	0.53	0.00	0.00	1.87	0.00	-6.30	0.01	0.00	992.60
Oct-1992	4.34	0.36	0.24	0.02	1.68	0.00	-4.10	0.01	0.00	990.91
Nov-1992	2.4	0.20	0.06	0.00	1.31	0.00	-2.34	0.00	0.00	989.61
Dec-1992	1.55	0.13	4.00	0.33	1.12	0.50	1.95	1.95	0.00	1004.00
Jan-1993	1.55	0.13	18.44	1.54	1.12	6.58	10.31	7.25	5.73	1004.00
Feb-1993	2.52	0.21	6.45	0.54	0.93	1.32	2.61	7.25	2.98	1004.00
Mar-1993	4.03	0.34	1.51	0.13	1.12	0.01	-2.53	7.25	0.00	1002.88
Apr-1993	5.7	0.48	0.00	0.00	1.31	0.00	-5.70	3.30	0.00	1001.57
May-1993	7.75	0.65	0.12	0.01	1.68	0.00	-7.63	1.15	0.00	999.89
Jun-1993	8.7	0.73	0.16	0.01	2.06	0.00	-8.54	0.35	0.00	997.83
Jul-1993	9.3	0.78	0.00	0.00	2.24	0.00	-9.30	0.10	0.00	995.59
Aug-1993	8.37	0.70	0.00	0.00	2.24	0.00	-8.37	0.03	0.00	993.34
Sep-1993	6.3	0.53	0.00	0.00	1.87	0.00	-6.30	0.01	0.00	991.48
Oct-1993	4.34	0.36	0.30	0.02	1.68	0.00	-4.04	0.01	0.00	989.79
Nov-1993	2.4	0.20	1.48	0.12	1.31	0.01	-0.93	0.01	0.00	988.48
Dec-1993	1.55	0.13	1.15	0.10	1.12	0.00	-0.40	0.01	0.00	987.36
Jan-1994	1.55	0.13	1.68	0.14	1.12	0.03	0.11	0.11	0.00	986.24
Feb-1994	2.52	0.21	4.11	0.34	0.93	0.53	1.06	1.17	0.00	988.99
Mar-1994	4.03	0.34	3.11	0.26	1.12	0.27	-1.19	0.99	0.00	987.87
Apr-1994	5.7	0.48	1.34	0.11	1.31	0.00	-4.37	0.54	0.00	986.56
May-1994	7.75	0.65	0.00	0.00	1.68	0.00	-7.75	0.19	0.00	984.88
Jun-1994	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.06	0.00	982.82
Jul-1994	9.3	0.78	0.00	0.00	2.24	0.00	-9.30	0.02	0.00	980.58
Aug-1994	8.37	0.70	1.21	0.10	2.24	0.00	-7.17	0.01	0.00	978.33
Sep-1994	6.3	0.53	0.00	0.00	1.87	0.00	-6.30	0.00	0.00	976.47
Oct-1994	4.34	0.36	0.19	0.02	1.68	0.00	-4.15	0.00	0.00	974.78
Nov-1994	2.4	0.20	0.68	0.06	1.31	0.00	-1.72	0.00	0.00	973.47
Dec-1994	1.55	0.13	0.96	0.08	1.12	0.00	-0.59	0.00	0.00	972.35
Jan-1995	1.55	0.13	10.03	0.84	1.12	2.76	5.72	5.72	0.00	1004.00
Feb-1995	2.52	0.21	3.25	0.27	0.93	0.30	0.43	6.14	0.00	1004.00
Mar-1995	4.03	0.34	6.56	0.55	1.12	1.36	1.17	7.25	0.08	1004.00
Apr-1995	5.7	0.48	1.25	0.10	1.31	0.00	-4.45	7.25	0.00	1002.69
May-1995	7.75	0.65	1.09	0.09	1.68	0.00	-6.66	2.89	0.00	1001.01
Jun-1995	8.7	0.73	0.48	0.04	2.06	0.00	-8.22	0.93	0.00	998.95
Jul-1995	9.3	0.78	0.06	0.00	2.24	0.00	-9.24	0.26	0.00	996.71
Aug-1995	8.37	0.70	0.64	0.05	2.24	0.00	-7.73	0.09	0.00	994.47

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3B

Sep-1995	6.3	0.53	0.28	0.02	1.87	0.00	-6.02	0.04	0.00	992.60
Oct-1995	4.34	0.36	0.00	0.00	1.68	0.00	-4.34	0.02	0.00	990.91
Nov-1995	2.4	0.20	0.08	0.01	1.31	0.00	-2.32	0.02	0.00	989.61
Dec-1995	1.55	0.13	0.57	0.05	1.12	0.00	-0.98	0.01	0.00	988.48
Jan-1996	1.55	0.13	1.52	0.13	1.12	0.02	-0.04	0.01	0.00	987.36
Feb-1996	2.52	0.21	3.17	0.26	0.93	0.28	0.37	0.38	0.00	986.43
Mar-1996	4.03	0.34	2.73	0.23	1.12	0.19	-1.49	0.31	0.00	985.31
Apr-1996	5.7	0.48	0.53	0.04	1.31	0.00	-5.17	0.15	0.00	984.00
May-1996	7.75	0.65	0.07	0.01	1.68	0.00	-7.68	0.05	0.00	982.32
Jun-1996	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.02	0.00	980.26
Jul-1996	9.3	0.78	0.00	0.00	2.24	0.00	-9.30	0.00	0.00	978.02
Aug-1996	8.37	0.70	0.07	0.01	2.24	0.00	-8.30	0.00	0.00	975.77
Sep-1996	6.3	0.53	0.03	0.00	1.87	0.00	-6.27	0.00	0.00	973.90
Oct-1996	4.34	0.36	1.54	0.13	1.68	0.02	-2.82	0.00	0.00	972.22
Nov-1996	2.4	0.20	0.91	0.08	1.31	0.00	-1.49	0.00	0.00	970.91
Dec-1996	1.55	0.13	1.97	0.16	1.12	0.06	0.36	0.36	0.00	969.79
Jan-1997	1.55	0.13	4.29	0.36	1.12	0.59	2.16	2.51	0.00	1004.00
Feb-1997	2.52	0.21	1.51	0.13	0.93	0.01	-1.02	2.18	0.00	1003.07
Mar-1997	4.03	0.34	0.02	0.00	1.12	0.00	-4.01	1.26	0.00	1001.94
Apr-1997	5.7	0.48	0.22	0.02	1.31	0.00	-5.48	0.59	0.00	1000.64
May-1997	7.75	0.65	0.00	0.00	1.68	0.00	-7.75	0.20	0.00	998.95
Jun-1997	8.7	0.73	0.07	0.01	2.06	0.00	-8.63	0.06	0.00	996.90
Jul-1997	9.3	0.78	1.91	0.16	2.24	0.05	-7.44	0.02	0.00	994.65
Aug-1997	8.37	0.70	0.16	0.01	2.24	0.00	-8.21	0.01	0.00	992.41
Sep-1997	6.3	0.53	1.74	0.15	1.87	0.03	-4.59	0.00	0.00	990.54
Oct-1997	4.34	0.36	4.17	0.35	1.68	0.55	-0.72	0.00	0.00	988.86
Nov-1997	2.4	0.20	0.00	0.00	1.31	0.00	-2.40	0.00	0.00	987.55
Dec-1997	1.55	0.13	0.00	0.00	1.12	0.00	-1.55	0.00	0.00	986.43
Jan-1998	1.55	0.13	1.59	0.13	1.12	0.02	0.02	0.02	0.00	985.31
Feb-1998	2.52	0.21	10.27	0.86	0.93	2.87	4.89	4.91	0.00	1004.00
Mar-1998	4.03	0.34	4.36	0.36	1.12	0.60	-0.28	4.72	0.00	1004.00
Apr-1998	5.7	0.48	2.17	0.18	1.31	0.09	-3.62	2.87	0.00	1002.69
May-1998	7.75	0.65	1.16	0.10	1.68	0.00	-6.59	1.16	0.00	1001.01
Jun-1998	8.7	0.73	0.02	0.00	2.06	0.00	-8.68	0.35	0.00	998.95
Jul-1998	9.3	0.78	0.10	0.01	2.24	0.00	-9.20	0.10	0.00	996.71
Aug-1998	8.37	0.70	0.20	0.02	2.24	0.00	-8.17	0.03	0.00	994.47
Sep-1998	6.3	0.53	0.20	0.02	1.87	0.00	-6.10	0.01	0.00	992.60
Oct-1998	4.34	0.36	0.04	0.00	1.68	0.00	-4.30	0.01	0.00	990.91
Nov-1998	2.4	0.20	1.16	0.10	1.31	0.00	-1.24	0.01	0.00	989.61
Dec-1998	1.55	0.13	1.41	0.12	1.12	0.01	-0.15	0.01	0.00	988.48
Jan-1999	1.55	0.13	1.65	0.14	1.12	0.02	0.07	0.08	0.00	987.36
Feb-1999	2.52	0.21	0.82	0.07	0.93	0.00	-1.70	0.06	0.00	986.43
Mar-1999	4.03	0.34	0.62	0.05	1.12	0.00	-3.41	0.04	0.00	985.31
Apr-1999	5.7	0.48	3.28	0.27	1.31	0.31	-2.73	0.03	0.00	984.00
May-1999	7.75	0.65	0.00	0.00	1.68	0.00	-7.75	0.01	0.00	982.32
Jun-1999	8.7	0.73	0.46	0.04	2.06	0.00	-8.24	0.00	0.00	980.26
Jul-1999	9.3	0.78	0.36	0.03	2.24	0.00	-8.94	0.00	0.00	978.02
Aug-1999	8.37	0.70	0.00	0.00	2.24	0.00	-8.37	0.00	0.00	975.77
Sep-1999	6.3	0.53	0.14	0.01	1.87	0.00	-6.16	0.00	0.00	973.90
Oct-1999	4.34	0.36	0.00	0.00	1.68	0.00	-4.34	0.00	0.00	972.22
Nov-1999	2.4	0.20	0.00	0.00	1.31	0.00	-2.40	0.00	0.00	970.91
Dec-1999	1.55	0.13	0.21	0.02	1.12	0.00	-1.34	0.00	0.00	969.79
Jan-2000	1.55	0.13	0.74	0.06	1.12	0.00	-0.81	0.00	0.00	968.67
Feb-2000	2.52	0.21	4.17	0.35	0.93	0.55	1.10	1.10	0.00	969.06
Mar-2000	4.03	0.34	1.46	0.12	1.12	0.01	-2.58	0.77	0.00	967.94

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3B

Apr-2000	5.7	0.48	0.46	0.04	1.31	0.00	-5.24	0.37	0.00	966.63
May-2000	7.75	0.65	0.00	0.00	1.68	0.00	-7.75	0.13	0.00	964.95
Jun-2000	8.7	0.73	0.21	0.02	2.06	0.00	-8.49	0.04	0.00	962.89
Jul-2000	9.3	0.78	0.00	0.00	2.24	0.00	-9.30	0.01	0.00	960.65
Aug-2000	8.37	0.70	0.13	0.01	2.24	0.00	-8.24	0.00	0.00	958.41
Sep-2000	6.3	0.53	0.30	0.02	1.87	0.00	-6.00	0.00	0.00	956.54
Oct-2000	4.34	0.36	0.64	0.05	1.68	0.00	-3.70	0.00	0.00	954.85
Nov-2000	2.4	0.20	0.39	0.03	1.31	0.00	-2.01	0.00	0.00	953.55
Dec-2000	1.55	0.13	0.04	0.00	1.12	0.00	-1.51	0.00	0.00	952.42
Jan-2001	1.55	0.13	2.90	0.24	1.12	0.22	1.13	1.13	0.00	951.30
Feb-2001	2.52	0.21	4.08	0.34	0.93	0.52	1.04	2.17	0.00	987.85
Mar-2001	4.03	0.34	1.75	0.15	1.12	0.03	-2.32	1.57	0.00	986.73
Apr-2001	5.7	0.48	1.44	0.12	1.31	0.01	-4.27	0.87	0.00	985.42
May-2001	7.75	0.65	0.03	0.00	1.68	0.00	-7.72	0.30	0.00	983.74
Jun-2001	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.09	0.00	981.68
Jul-2001	9.3	0.78	0.12	0.01	2.24	0.00	-9.18	0.03	0.00	979.44
Aug-2001	8.37	0.70	0.00	0.00	2.24	0.00	-8.37	0.01	0.00	977.19
Sep-2001	6.3	0.53	0.24	0.02	1.87	0.00	-6.06	0.00	0.00	975.32
Oct-2001	4.34	0.36	0.00	0.00	1.68	0.00	-4.34	0.00	0.00	973.64
Nov-2001	2.4	0.20	1.10	0.09	1.31	0.00	-1.30	0.00	0.00	972.33
Dec-2001	1.55	0.13	1.01	0.08	1.12	0.00	-0.54	0.00	0.00	971.21
Jan-2002	1.55	0.13	0.40	0.03	1.12	0.00	-1.15	0.00	0.00	970.09
Feb-2002	2.52	0.21	0.12	0.01	0.93	0.00	-2.40	0.00	0.00	969.16
Mar-2002	4.03	0.34	1.11	0.09	1.12	0.00	-2.92	0.00	0.00	968.03
Apr-2002	5.7	0.48	0.39	0.03	1.31	0.00	-5.31	0.00	0.00	966.73
May-2002	7.75	0.65	0.00	0.00	1.68	0.00	-7.75	0.00	0.00	965.04
Jun-2002	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.00	0.00	962.99
Jul-2002	9.3	0.78	0.19	0.02	2.24	0.00	-9.11	0.00	0.00	960.74
Aug-2002	8.37	0.70	0.00	0.00	2.24	0.00	-8.37	0.00	0.00	958.50
Sep-2002	6.3	0.53	1.15	0.10	1.87	0.00	-5.15	0.00	0.00	956.63
Oct-2002	4.34	0.36	0.01	0.00	1.68	0.00	-4.33	0.00	0.00	954.95
Nov-2002	2.4	0.20	1.03	0.09	1.31	0.00	-1.37	0.00	0.00	953.64
Dec-2002	1.55	0.13	1.84	0.15	1.12	0.04	0.25	0.25	0.00	952.52
Jan-2003	1.55	0.13	0.18	0.01	1.12	0.00	-1.37	0.20	0.00	951.40
Feb-2003	2.52	0.21	4.05	0.34	0.93	0.51	1.01	1.22	0.00	952.14
Mar-2003	4.03	0.34	2.17	0.18	1.12	0.09	-1.95	0.93	0.00	951.02
Apr-2003	5.7	0.48	1.54	0.13	1.31	0.02	-4.17	0.52	0.00	949.71
May-2003	7.75	0.65	0.90	0.08	1.68	0.00	-6.85	0.20	0.00	948.03
Jun-2003	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.06	0.00	945.97
Jul-2003	9.3	0.78	1.91	0.16	2.24	0.05	-7.44	0.02	0.00	943.73
Aug-2003	8.37	0.70	1.47	0.12	2.24	0.01	-6.91	0.01	0.00	941.48
Sep-2003	6.3	0.53	0.37	0.03	1.87	0.00	-5.93	0.00	0.00	939.61
Oct-2003	4.34	0.36	0.00	0.00	1.68	0.00	-4.34	0.00	0.00	937.93
Nov-2003	2.4	0.20	0.55	0.05	1.31	0.00	-1.85	0.00	0.00	936.62
Dec-2003	1.55	0.13	1.25	0.10	1.12	0.00	-0.30	0.00	0.00	935.50
Jan-2004	1.55	0.13	0.67	0.06	1.12	0.00	-0.88	0.00	0.00	934.38
Feb-2004	2.52	0.21	4.41	0.37	0.93	0.62	1.27	1.27	0.00	940.95
Mar-2004	4.03	0.34	0.66	0.05	1.12	0.00	-3.37	0.80	0.00	939.83
Apr-2004	5.7	0.48	1.32	0.11	1.31	0.00	-4.39	0.44	0.00	938.52
May-2004	7.75	0.65	0.00	0.00	1.68	0.00	-7.75	0.15	0.00	936.84
Jun-2004	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.05	0.00	934.78
Jul-2004	9.3	0.78	0.14	0.01	2.24	0.00	-9.16	0.01	0.00	932.54
Aug-2004	8.37	0.70	0.01	0.00	2.24	0.00	-8.36	0.00	0.00	930.29
Sep-2004	6.3	0.53	0.00	0.00	1.87	0.00	-6.30	0.00	0.00	928.42
Oct-2004	4.34	0.36	8.51	0.71	1.68	2.12	2.04	2.04	0.00	974.87

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3B

Nov-2004	2.4	0.20	1.07	0.09	1.31	0.00	-1.33	1.70	0.00	973.56
Dec-2004	1.55	0.13	4.70	0.39	1.12	0.71	2.44	4.14	0.00	1004.00
Jan-2005	1.55	0.13	5.12	0.43	1.12	0.85	2.72	6.86	0.00	1004.00
Feb-2005	2.52	0.21	4.85	0.40	0.93	0.76	1.57	7.25	1.35	1004.00
Mar-2005	4.03	0.34	1.58	0.13	1.12	0.02	-2.47	7.25	0.00	1002.88
Apr-2005	5.7	0.48	0.58	0.05	1.31	0.00	-5.12	3.58	0.00	1001.57
May-2005	7.75	0.65	0.04	0.00	1.68	0.00	-7.71	1.24	0.00	999.89
Jun-2005	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.37	0.00	997.83
Jul-2005	9.3	0.78	0.46	0.04	2.24	0.00	-8.84	0.11	0.00	995.59
Aug-2005	8.37	0.70	2.51	0.21	2.24	0.14	-6.01	0.05	0.00	993.34
Sep-2005	6.3	0.53	0.01	0.00	1.87	0.00	-6.29	0.02	0.00	991.48
Oct-2005	4.34	0.36	0.61	0.05	1.68	0.00	-3.73	0.01	0.00	989.79
Nov-2005	2.4	0.20	0.11	0.01	1.31	0.00	-2.29	0.01	0.00	988.48
Dec-2005	1.55	0.13	0.00	0.00	1.12	0.00	-1.55	0.01	0.00	987.36
Jan-2006	1.55	0.13	0.98	0.08	1.12	0.00	-0.58	0.01	0.00	986.24
Feb-2006	2.52	0.21	1.29	0.11	0.93	0.00	-1.24	0.01	0.00	985.31
Mar-2006	4.03	0.34	3.34	0.28	1.12	0.32	-1.01	0.00	0.00	984.19
Apr-2006	5.7	0.48	2.23	0.19	1.31	0.10	-3.57	0.00	0.00	982.88
May-2006	7.75	0.65	0.22	0.02	1.68	0.00	-7.53	0.00	0.00	981.19
Jun-2006	8.7	0.73	0.16	0.01	2.06	0.00	-8.54	0.00	0.00	979.14
Jul-2006	9.3	0.78	0.52	0.04	2.24	0.00	-8.78	0.00	0.00	976.89
Aug-2006	8.37	0.70	0.03	0.00	2.24	0.00	-8.34	0.00	0.00	974.65
Sep-2006	6.3	0.53	0.07	0.01	1.87	0.00	-6.23	0.00	0.00	972.78
Oct-2006	4.34	0.36	0.36	0.03	1.68	0.00	-3.98	0.00	0.00	971.10
Nov-2006	2.4	0.20	0.17	0.01	1.31	0.00	-2.23	0.00	0.00	969.79
Dec-2006	1.55	0.13	1.18	0.10	1.12	0.00	-0.37	0.00	0.00	968.67
Jan-2007	1.55	0.13	0.74	0.06	1.12	0.00	-0.81	0.00	0.00	967.55
Feb-2007	2.52	0.21	3.05	0.25	0.93	0.26	0.28	0.28	0.00	966.61
Mar-2007	4.03	0.34	0.22	0.02	1.12	0.00	-3.81	0.16	0.00	965.49
Apr-2007	5.7	0.48	0.76	0.06	1.31	0.00	-4.94	0.08	0.00	964.18
May-2007	7.75	0.65	0.04	0.00	1.68	0.00	-7.71	0.03	0.00	962.50
Jun-2007	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.01	0.00	960.44
Jul-2007	9.3	0.78	0.18	0.01	2.24	0.00	-9.12	0.00	0.00	958.20
Aug-2007	8.37	0.70	0.13	0.01	2.24	0.00	-8.24	0.00	0.00	955.96
Sep-2007	6.3	0.53	0.01	0.00	1.87	0.00	-6.29	0.00	0.00	954.09
Oct-2007	4.34	0.36	0.17	0.01	1.68	0.00	-4.17	0.00	0.00	952.41
Nov-2007	2.4	0.20	0.32	0.03	1.31	0.00	-2.08	0.00	0.00	951.10
Dec-2007	1.55	0.13	2.66	0.22	1.12	0.17	0.93	0.93	0.00	949.98
Jan-2008	1.55	0.13	7.22	0.60	1.12	1.61	4.06	5.00	0.00	1004.00
Feb-2008	2.52	0.21	2.85	0.24	0.93	0.21	0.12	5.12	0.00	1004.00
Mar-2008	4.03	0.34	0.51	0.04	1.12	0.00	-3.52	3.15	0.00	1002.88
Apr-2008	5.7	0.48	0.00	0.00	1.31	0.00	-5.70	1.43	0.00	1001.57
May-2008	7.75	0.65	0.26	0.02	1.68	0.00	-7.49	0.51	0.00	999.89
Jun-2008	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.15	0.00	997.83
Jul-2008	9.3	0.78	0.00	0.00	2.24	0.00	-9.30	0.04	0.00	995.59
Aug-2008	8.37	0.70	1.34	0.11	2.24	0.00	-7.04	0.02	0.00	993.34
Sep-2008	6.3	0.53	0.00	0.00	1.87	0.00	-6.30	0.01	0.00	991.48
Oct-2008	4.34	0.36	0.00	0.00	1.68	0.00	-4.34	0.00	0.00	989.79
Nov-2008	2.4	0.20	1.79	0.15	1.31	0.04	-0.65	0.00	0.00	988.48
Dec-2008	1.55	0.13	6.15	0.51	1.12	1.21	3.39	3.39	0.00	1004.00
Jan-2009	1.55	0.13	0.20	0.02	1.12	0.00	-1.35	2.82	0.00	1002.88
Feb-2009	2.52	0.21	3.66	0.31	0.93	0.41	0.74	3.55	0.00	1004.00
Mar-2009	4.03	0.34	0.09	0.01	1.12	0.00	-3.94	2.06	0.00	1002.88
Apr-2009	5.7	0.48	0.24	0.02	1.31	0.00	-5.46	0.97	0.00	1001.57
May-2009	7.75	0.65	0.00	0.00	1.68	0.00	-7.75	0.33	0.00	999.89

Groundwater Resources Investigation Report Rugged Solar Farm - Well 8 Scenario 3B

Jun-2009	8.7	0.73	0.03	0.00	2.06	0.00	-8.67	0.10	0.00	997.83
Jul-2009	9.3	0.78	0.00	0.00	2.24	0.00	-9.30	0.03	0.00	995.59
Aug-2009	8.37	0.70	0.00	0.00	2.24	0.00	-8.37	0.01	0.00	993.34
Sep-2009	6.3	0.53	0.03	0.00	1.87	0.00	-6.27	0.00	0.00	991.48
Oct-2009	4.34	0.36	0.03	0.00	1.68	0.00	-4.31	0.00	0.00	989.79
Nov-2009	2.4	0.20	0.69	0.06	1.31	0.00	-1.71	0.00	0.00	988.48
Dec-2009	1.55	0.13	4.82	0.40	1.12	0.75	2.52	2.52	0.00	1004.00
Jan-2010	1.55	0.13	6.54	0.55	1.12	1.35	3.64	6.16	0.00	1004.00
Feb-2010	2.52	0.21	5.08	0.42	0.93	0.84	1.73	7.25	0.73	1004.00
Mar-2010	4.03	0.34	1.36	0.11	1.12	0.01	-2.68	7.25	0.00	1002.88
Apr-2010	5.7	0.48	2.34	0.19	1.31	0.11	-3.48	4.49	0.00	1001.57
May-2010	7.75	0.65	0.00	0.00	1.68	0.00	-7.75	1.54	0.00	999.89
Jun-2010	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.46	0.00	997.83
Jul-2010	9.3	0.78	0.07	0.01	2.24	0.00	-9.23	0.13	0.00	995.59
Aug-2010	8.37	0.70	0.00	0.00	2.24	0.00	-8.37	0.04	0.00	993.34
Sep-2010	6.3	0.53	0.08	0.01	1.87	0.00	-6.22	0.02	0.00	991.48
Oct-2010	4.34	0.36	3.20	0.27	1.68	0.29	-1.43	0.01	0.00	989.79
Nov-2010	2.4	0.20	1.18	0.10	1.31	0.00	-1.22	0.01	0.00	988.48
Dec-2010	1.55	0.13	8.15	0.68	1.12	1.98	4.62	4.63	0.00	1004.00
Jan-2011	1.55	0.13	0.24	0.02	1.12	0.00	-1.31	3.86	0.00	1002.88
Feb-2011	2.52	0.21	4.89	0.41	0.93	0.77	1.60	5.46	0.00	1004.00
Mar-2011	4.03	0.34	1.63	0.14	1.12	0.02	-2.42	3.91	0.00	1002.88
Apr-2011	5.7	0.48	0.39	0.03	1.31	0.00	-5.31	1.88	0.00	1001.57
May-2011	7.75	0.65	0.71	0.06	1.68	0.00	-7.04	0.71	0.00	999.89
Jun-2011	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.21	0.00	997.83
Jul-2011	9.3	0.78	0.22	0.02	2.24	0.00	-9.08	0.06	0.00	995.59
Aug-2011	8.37	0.70	1.27	0.11	2.24	0.00	-7.10	0.02	0.00	993.34
Sep-2011	6.3	0.53	0.22	0.02	1.87	0.00	-6.08	0.01	0.00	991.48
Oct-2011	4.34	0.36	0.64	0.05	1.68	0.00	-3.70	0.01	0.00	989.79
Nov-2011	2.4	0.20	3.36	0.28	1.31	0.33	0.63	0.64	0.00	988.48
Dec-2011	1.55	0.13	1.61	0.13	1.12	0.02	0.04	0.67	0.00	987.36
Jan-2012	1.55	0.13	0.73	0.06	1.12	0.00	-0.82	0.60	0.00	986.24
Feb-2012	2.52	0.21	2.00	0.17	0.93	0.06	-0.59	0.55	0.00	985.31
Mar-2012	4.03	0.34	2.86	0.24	1.12	0.21	-1.38	0.46	0.00	984.19
Apr-2012	5.7	0.48	2.83	0.24	1.31	0.21	-3.08	0.30	0.00	982.88
May-2012	7.75	0.65	0.00	0.00	1.68	0.00	-7.75	0.10	0.00	981.19
Jun-2012	8.7	0.73	0.00	0.00	2.06	0.00	-8.70	0.03	0.00	979.14

APPENDIX D

Well Testing Data

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 1

Date + Time	Manual Depth to Water Measurement (feet below top of casing)	Manual Measurement, Water Level Elevation	Land Surface Elevation (Feet)	Depth Transducer Set (feet)	Comments
12/20/2012 7:42	26.5	3577.5	3604	150	Dudek
12/20/2012 11:02	26.53	3577.47			GLA
12/20/2012 13:17	26.51	3577.49			GLA
12/20/2012 15:18	26.52	3577.48			GLA
12/20/2012 18:51	26.48	3577.52			Dudek
1/8/2013 9:32	26.94	3577.06			Dudek
1/8/2013 14:26	26.9	3577.1			Dudek
1/8/2013 16:49	26.93	3577.07			Dudek
1/9/2013 10:14	26.93	3577.07			Dudek
1/10/2013 9:47	26.89	3577.11			Dudek
1/11/2013 11:23	26.96	3577.04			Dudek
1/11/2013 16:52	26.92	3577.08			Dudek
1/31/2013 9:18	27.35	3576.65			Dudek

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 2

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
11/27/2012 10:30	27.87	95	67.13	3682.13	3710	Dudek
12/18/2012 13:20	28.1		66.9	3681.9		Dudek
12/20/2012 7:49	28.18		66.82	3681.82		Dudek
12/20/2012 10:58	28.22		66.78	3681.78		GLA
12/20/2012 13:14	28.2		66.8	3681.8		GLA
12/20/2012 15:14	28.19		66.81	3681.81		GLA
12/20/2012 18:47	28.19		66.81	3681.81		Dudek
1/8/2013 9:55	28.2		66.8	3681.8		Dudek
1/8/2013 14:20	28.21		66.79	3681.79		Dudek
1/8/2013 16:43	28.2		66.8	3681.8		Dudek
1/9/2013 10:28	28.21		66.79	3681.79		Dudek
1/10/2013 9:38	28.2		66.8	3681.8		Dudek
1/11/2013 11:30	28.2		66.8	3681.8		Dudek
1/31/2013 9:30	28.25		66.75	3681.75		Dudek

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 3

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
11/27/2012 11:02	14.26	240	225.74	3711.74	3726	Dudek
12/20/2012 8:00	13.95	100	226.05	3712.05		Dudek
12/20/2012 10:54	13.98		226.02	3712.02		GLA
12/20/2012 13:09	13.95		226.05	3712.05		GLA
12/20/2012 15:04	13.95		226.05	3712.05		GLA
12/20/2012 18:40	13.93		226.07	3712.07		Dudek
1/8/2013 10:08	13.12		86.88	3712.88		Dudek
1/8/2013 14:16	13.11		86.89	3712.89		Dudek
1/8/2013 16:36	13.09		86.91	3712.91		Dudek
1/9/2013 10:35	13.13		86.87	3712.87		Dudek
1/10/2013 9:35	13.1		86.9	3712.9		Dudek
1/11/2013 9:34	13.04		86.96	3712.96		Dudek
1/11/2013 16:28	12.98		87.02	3713.02		Dudek
12/27/2012 10:04	13.57		86.43	3712.43		Dudek
12/27/2012 10:37	13.62		86.38	3712.38		Dudek
1/31/2013 9:41	12.79		87.21	3713.21		Dudek

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 4

Date + Time	Manual Depth to Water Measurement (feet below top of casing)	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 8:10	17.07	3646.93	3664	Dudek
12/20/2012 10:50	17.08	3646.92		GLA
12/20/2012 13:06	17.08	3646.92		GLA
12/20/2012 15:05	17.1	3646.9		GLA
12/20/2012 18:37	17.12	3646.88		Dudek
1/8/2013 10:15	17.3	3646.7		Dudek
1/8/2013 14:11	17.25	3646.75		Dudek
1/8/2013 16:34	17.32	3646.68		Dudek
1/9/2013 10:40	17.32	3646.68		Dudek
1/10/2013 9:11	17.25	3646.75		Dudek
1/11/2013 9:38	17.34	3646.66		Dudek
1/11/2013 16:27	17.2	3646.8		Dudek
1/31/2013 11:02	17.46	3646.54		Dudek

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
11/27/2012 12:25	16.9	295	278.1	3526.1	3543	
12/20/2012 8:40	16.27		278.73	3526.73		
12/20/2012 11:15	17.35		277.65	3525.65		
12/20/2012 11:54	17.37		277.63	3525.63		
12/20/2012 12:58	17.41		277.59	3525.59		
12/20/2012 14:15	18.39		276.61	3524.61		
12/20/2012 14:45	18.6		276.4	3524.4		
12/20/2012 15:34	18.8		276.2	3524.2		
12/20/2012 16:30	18.92		276.08	3524.08		
12/20/2012 17:13	19.02		275.98	3523.98		
12/20/2012 17:51	19.57		275.43	3523.43		
12/20/2012 18:20	19.91		275.09	3523.09		
12/20/2012 20:35	20.44		274.56	3522.56		
12/20/2012 22:39	17.53		277.47	3525.47		
1/8/2013 10:50	16.22		278.78	3526.78		
1/8/2013 12:19	19.56		275.44	3523.44		
1/8/2013 12:28	20.19		274.81	3522.81		
1/8/2013 12:35	20.5		274.5	3522.5		
1/8/2013 12:42	20.82		274.18	3522.18		
1/8/2013 12:54	21.14		273.86	3521.86		
1/8/2013 13:05	21.41		273.59	3521.59		
1/8/2013 13:16	21.62		273.38	3521.38		
1/8/2013 13:32	21.87		273.13	3521.13		
1/8/2013 13:51	22.07		272.93	3520.93		
1/8/2013 14:29	22.42		272.58	3520.58		
1/8/2013 14:54	22.58		272.42	3520.42		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
1/8/2013 15:21	22.72		272.28	3520.28		
1/8/2013 16:16	22.99		272.01	3520.01		
1/9/2013 11:16	24.18		270.82	3518.82		
1/9/2013 12:36	24.19		270.81	3518.81		
1/10/2013 8:03	24.31		270.69	3518.69		
1/10/2013 9:02	24.32		270.68	3518.68		
1/11/2013 11:57	24.54		270.46	3518.46		
1/11/2013 12:38	19.75		275.25	3523.25		
1/11/2013 12:40	19.63		275.37	3523.37		
1/11/2013 12:42	19.53		275.47	3523.47		
1/11/2013 12:44	19.44		275.56	3523.56		
1/11/2013 12:46	19.36		275.64	3523.64		
1/11/2013 12:48	19.28		275.72	3523.72		
1/11/2013 12:50	19.21		275.79	3523.79		
1/11/2013 12:52	19.14		275.86	3523.86		
1/11/2013 12:54	19.08		275.92	3523.92		
1/11/2013 12:56	19.03		275.97	3523.97		
1/11/2013 12:58	18.98		276.02	3524.02		
1/11/2013 13:00	18.93		276.07	3524.07		
1/11/2013 13:04	18.82		276.18	3524.18		
1/11/2013 13:08	18.73		276.27	3524.27		
1/11/2013 13:12	18.65		276.35	3524.35		
1/11/2013 13:16	18.59		276.41	3524.41		
1/11/2013 13:22	18.48		276.52	3524.52		
1/11/2013 13:28	18.39		276.61	3524.61		
1/11/2013 13:34	18.31		276.69	3524.69		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
1/11/2013 13:42	18.21		276.79	3524.79		
1/11/2013 13:57	18.07		276.93	3524.93		
1/11/2013 14:22	17.87		277.13	3525.13		
1/11/2013 14:41	17.75		277.25	3525.25		
1/11/2013 15:01	17.64		277.36	3525.36		
1/11/2013 15:38	17.48		277.52	3525.52		
1/31/2013 10:05	16.21		278.79	3526.79		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
11/28/2012 8:00	14.65	433	418.35	3526.35	3541	
11/28/2012 8:50	14.92		418.08	3526.08		
12/20/2012 9:16	34		399	3507		
12/20/2012 9:16	38		395	3503		
12/20/2012 9:16	40		393	3501		
12/20/2012 9:16	42		391	3499		
12/20/2012 9:17	45		388	3496		
12/20/2012 9:17	46		387	3495		
12/20/2012 9:17	50		383	3491		
12/20/2012 9:18	52		381	3489		
12/20/2012 9:18	54		379	3487		
12/20/2012 9:18	55		378	3486		
12/20/2012 9:19	55.4		377.6	3485.6		
12/20/2012 9:20	55		378	3486		
12/20/2012 9:20	55.5		377.5	3485.5		
12/20/2012 9:21	56		377	3485		
12/20/2012 9:21	55		378	3486		
12/20/2012 9:22	54.5		378.5	3486.5		
12/20/2012 9:22	54		379	3487		
12/20/2012 9:22	53.5		379.5	3487.5		
12/20/2012 9:23	53		380	3488		
12/20/2012 9:24	53.2		379.8	3487.8		
12/20/2012 9:25	54.6		378.4	3486.4		
12/20/2012 9:25	54.8		378.2	3486.2		
12/20/2012 9:27	56.4		376.6	3484.6		
12/20/2012 9:28	59.6		373.4	3481.4		
12/20/2012 9:28	62.5		370.5	3478.5		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 9:29	63		370	3478		
12/20/2012 9:29	62.8		370.2	3478.2		
12/20/2012 9:30	62.4		370.6	3478.6		
12/20/2012 9:31	62.05		370.95	3478.95		
12/20/2012 9:31	61.9		371.1	3479.1		
12/20/2012 9:32	61.7		371.3	3479.3		
12/20/2012 9:33	60.95		372.05	3480.05		
12/20/2012 9:34	60.2		372.8	3480.8		
12/20/2012 9:35	59.6		373.4	3481.4		
12/20/2012 9:36	59.5		373.5	3481.5		
12/20/2012 9:37	59.45		373.55	3481.55		
12/20/2012 9:38	60.3		372.7	3480.7		
12/20/2012 9:39	61.8		371.2	3479.2		
12/20/2012 9:40	62.5		370.5	3478.5		
12/20/2012 9:41	62.95		370.05	3478.05		
12/20/2012 9:42	63.4		369.6	3477.6		
12/20/2012 9:43	63.65		369.35	3477.35		
12/20/2012 9:44	63.9		369.1	3477.1		
12/20/2012 9:45	63.75		369.25	3477.25		
12/20/2012 9:46	63.8		369.2	3477.2		
12/20/2012 9:47	63.85		369.15	3477.15		
12/20/2012 9:48	63.85		369.15	3477.15		
12/20/2012 9:49	64		369	3477		
12/20/2012 9:50	64.15		368.85	3476.85		
12/20/2012 9:51	64.35		368.65	3476.65		
12/20/2012 9:52	64.5		368.5	3476.5		
12/20/2012 9:53	64.6		368.4	3476.4		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 9:54	64.7		368.3	3476.3		
12/20/2012 9:55	64.8		368.2	3476.2		
12/20/2012 9:56	64.9		368.1	3476.1		
12/20/2012 9:57	65.05		367.95	3475.95		
12/20/2012 9:58	65.15		367.85	3475.85		
12/20/2012 9:59	65.25		367.75	3475.75		
12/20/2012 10:00	65.15		367.85	3475.85		
12/20/2012 10:01	65.15		367.85	3475.85		
12/20/2012 10:02	65.15		367.85	3475.85		
12/20/2012 10:03	65.1		367.9	3475.9		
12/20/2012 10:04	65.2		367.8	3475.8		
12/20/2012 10:05	65.3		367.7	3475.7		
12/20/2012 10:06	65.45		367.55	3475.55		
12/20/2012 10:07	65.5		367.5	3475.5		
12/20/2012 10:08	65.7		367.3	3475.3		
12/20/2012 10:09	65.85		367.15	3475.15		
12/20/2012 10:11	66.05		366.95	3474.95		
12/20/2012 10:26	65.75		367.25	3475.25		
12/20/2012 10:29	65.74		367.26	3475.26		
12/20/2012 10:34	65.74		367.26	3475.26		
12/20/2012 10:36	65.85		367.15	3475.15		
12/20/2012 10:40	66		367	3475		
12/20/2012 11:50	65.15		367.85	3475.85		
12/20/2012 12:00	65		368	3476		
12/20/2012 12:13	65.25		367.75	3475.75		
12/20/2012 12:37	65.15		367.85	3475.85		
12/20/2012 13:12	65.3		367.7	3475.7		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 13:14	65.25		367.75	3475.75		
12/20/2012 13:19	65.32		367.68	3475.68		
12/20/2012 13:22	65.35		367.65	3475.65		
12/20/2012 13:25	67		366	3474		
12/20/2012 13:25	68		365	3473		
12/20/2012 13:25	70		363	3471		
12/20/2012 13:26	73		360	3468		
12/20/2012 13:26	76		357	3465		
12/20/2012 13:26	78		355	3463		
12/20/2012 13:27	81		352	3460		
12/20/2012 13:27	82		351	3459		
12/20/2012 13:27	83		350	3458		
12/20/2012 13:28	85		348	3456		
12/20/2012 13:28	88		345	3453		
12/20/2012 13:29	92		341	3449		
12/20/2012 13:29	95		338	3446		
12/20/2012 13:29	96		337	3445		
12/20/2012 13:30	97		336	3444		
12/20/2012 13:30	100		333	3441		
12/20/2012 13:31	101		332	3440		
12/20/2012 13:31	102		331	3439		
12/20/2012 13:31	103		330	3438		
12/20/2012 13:32	104		329	3437		
12/20/2012 13:32	105		328	3436		
12/20/2012 13:33	107		326	3434		
12/20/2012 13:33	108		325	3433		
12/20/2012 13:34	109		324	3432		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 13:34	11		422	3530		
12/20/2012 13:34	111		322	3430		
12/20/2012 13:35	112		321	3429		
12/20/2012 13:35	113		320	3428		
12/20/2012 13:36	114		319	3427		
12/20/2012 13:37	115		318	3426		
12/20/2012 13:38	116		317	3425		
12/20/2012 13:38	117		316	3424		
12/20/2012 13:40	118		315	3423		
12/20/2012 13:41	119		314	3422		
12/20/2012 13:42	120		313	3421		
12/20/2012 13:43	121		312	3420		
12/20/2012 13:44	122		311	3419		
12/20/2012 13:45	123		310	3418		
12/20/2012 13:47	125		308	3416		
12/20/2012 13:48	126		307	3415		
12/20/2012 13:49	127		306	3414		
12/20/2012 13:50	128		305	3413		
12/20/2012 13:52	129		304	3412		
12/20/2012 13:53	130		303	3411		
12/20/2012 13:55	131		302	3410		
12/20/2012 13:57	131.5		301.5	3409.5		
12/20/2012 13:59	132		301	3409		
12/20/2012 14:01	132.01		300.99	3408.99		
12/20/2012 14:02	132.5		300.5	3408.5		
12/20/2012 14:04	132.8		300.2	3408.2		
12/20/2012 14:06	132.9		300.1	3408.1		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 14:11	132.9		300.1	3408.1		
12/20/2012 14:14	133		300	3408		
12/20/2012 14:19	134.35		298.65	3406.65		
12/20/2012 14:24	134.2		298.8	3406.8		
12/20/2012 14:27	135.6		297.4	3405.4		
12/20/2012 14:36	134.2		298.8	3406.8		
12/20/2012 14:38	133.5		299.5	3407.5		
12/20/2012 14:43	132.5		300.5	3408.5		
12/20/2012 14:49	132		301	3409		
12/20/2012 14:55	132.06		300.94	3408.94		
12/20/2012 14:58	134.3		298.7	3406.7		
12/20/2012 15:01	136.5		296.5	3404.5		
12/20/2012 15:24	139.4		293.6	3401.6		
12/20/2012 15:29	139.72		293.28	3401.28		
12/20/2012 15:37	140.1		292.9	3400.9		
12/20/2012 15:42	140.75		292.25	3400.25		
12/20/2012 15:47	141.15		291.85	3399.85		
12/20/2012 15:59	141.35		291.65	3399.65		
12/20/2012 16:10	141.75		291.25	3399.25		
12/20/2012 16:17	142.2		290.8	3398.8		
12/20/2012 16:25	142.47		290.53	3398.53		
12/20/2012 16:37	142.9		290.1	3398.1		
12/20/2012 16:48	143.4		289.6	3397.6		
12/20/2012 16:54	143.79		289.21	3397.21		
12/20/2012 16:59	143.5		289.5	3397.5		
12/20/2012 17:01	143.3		289.7	3397.7		
12/20/2012 17:07	143.75		289.25	3397.25		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 17:16	144.4		288.6	3396.6		
12/20/2012 17:22	146.4		286.6	3394.6		
12/20/2012 17:25	154		279	3387		
12/20/2012 17:25	156		277	3385		
12/20/2012 17:25	158		275	3383		
12/20/2012 17:26	162		271	3379		
12/20/2012 17:26	164		269	3377		
12/20/2012 17:26	165		268	3376		
12/20/2012 17:26	166		267	3375		
12/20/2012 17:26	167		266	3374		
12/20/2012 17:26	168		265	3373		
12/20/2012 17:27	172		261	3369		
12/20/2012 17:27	173		260	3368		
12/20/2012 17:27	174		259	3367		
12/20/2012 17:27	176		257	3365		
12/20/2012 17:27	178		255	3363		
12/20/2012 17:28	179		254	3362		
12/20/2012 17:28	180		253	3361		
12/20/2012 17:28	183		250	3358		
12/20/2012 17:29	184		249	3357		
12/20/2012 17:29	185		248	3356		
12/20/2012 17:29	186		247	3355		
12/20/2012 17:29	188		245	3353		
12/20/2012 17:30	189		244	3352		
12/20/2012 17:30	190		243	3351		
12/20/2012 17:30	191		242	3350		
12/20/2012 17:30	192		241	3349		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 17:31	193		240	3348		
12/20/2012 17:31	194		239	3347		
12/20/2012 17:31	195		238	3346		
12/20/2012 17:31	196		237	3345		
12/20/2012 17:32	197		236	3344		
12/20/2012 17:32	198		235	3343		
12/20/2012 17:33	200		233	3341		
12/20/2012 17:33	201		232	3340		
12/20/2012 17:33	202		231	3339		
12/20/2012 17:31	203		230	3338		
12/20/2012 17:34	204		229	3337		
12/20/2012 17:35	205		228	3336		
12/20/2012 17:35	206		227	3335		
12/20/2012 17:35	207		226	3334		
12/20/2012 17:36	208		225	3333		
12/20/2012 17:37	209		224	3332		
12/20/2012 17:37	210		223	3331		
12/20/2012 17:38	211		222	3330		
12/20/2012 17:39	212		221	3329		
12/20/2012 17:40	213		220	3328		
12/20/2012 17:41	214		219	3327		
12/20/2012 17:42	215		218	3326		
12/20/2012 17:43	216		217	3325		
12/20/2012 17:44	217		216	3324		
12/20/2012 17:45	218		215	3323		
12/20/2012 17:47	220		213	3321		
12/20/2012 17:48	221		212	3320		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 17:49	222		211	3319		
12/20/2012 17:50	223		210	3318		
12/20/2012 17:51	224		209	3317		
12/20/2012 17:52	225		208	3316		
12/20/2012 17:53	226		207	3315		
12/20/2012 17:54	227		206	3314		
12/20/2012 17:56	230		203	3311		
12/20/2012 17:58	231		202	3310		
12/20/2012 18:03	235		198	3306		
12/20/2012 18:05	236		197	3305		
12/20/2012 18:07	237		196	3304		
12/20/2012 18:10	238		195	3303		
12/20/2012 18:14	240		193	3301		
12/20/2012 18:19	245		188	3296		
12/20/2012 18:21	247		186	3294		
12/20/2012 18:29	249		184	3292		
12/20/2012 18:34	250.9		182.1	3290.1		
12/20/2012 18:41	253.1		179.9	3287.9		
12/20/2012 18:45	254		179	3287		
12/20/2012 18:48	255		178	3286		
12/20/2012 18:55	258		175	3283		
12/20/2012 18:58	259		174	3282		
12/20/2012 19:05	261		172	3280		
12/20/2012 19:20	259.8		173.2	3281.2		
12/20/2012 19:25	259		174	3282		
12/20/2012 19:31	259		174	3282		
12/20/2012 19:45	260.89		172.11	3280.11		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 19:56	262		171	3279		
12/20/2012 20:05	263.45		169.55	3277.55		
12/20/2012 20:11	264.55		168.45	3276.45		
12/20/2012 20:16	266.3		166.7	3274.7		
12/20/2012 20:21	267.6		165.4	3273.4		
12/20/2012 20:29	268.05		164.95	3272.95		
12/20/2012 20:38	268.2		164.8	3272.8		
12/20/2012 20:46	269.68		163.32	3271.32		
12/20/2012 20:53	270.45		162.55	3270.55		
12/20/2012 20:58	270.15		162.85	3270.85		
12/20/2012 21:05	268.9		164.1	3272.1		
12/20/2012 21:10	270.15		162.85	3270.85		
12/20/2012 21:17	271.7		161.3	3269.3		
12/20/2012 21:24	272.9		160.1	3268.1		
12/20/2012 21:26	265		168	3276		
12/20/2012 21:26	259		174	3282		
12/20/2012 21:26	255		178	3286		
12/20/2012 21:26	250		183	3291		
12/20/2012 21:26	245		188	3296		
12/20/2012 21:26	240		193	3301		
12/20/2012 21:26	235		198	3306		
12/20/2012 21:26	225		208	3316		
12/20/2012 21:27	220		213	3321		
12/20/2012 21:27	215		218	3326		
12/20/2012 21:27	210		223	3331		
12/20/2012 21:27	204		229	3337		
12/20/2012 21:27	200		233	3341		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 21:27	195		238	3346		
12/20/2012 21:27	190		243	3351		
12/20/2012 21:28	185		248	3356		
12/20/2012 21:28	180		253	3361		
12/20/2012 21:28	175		258	3366		
12/20/2012 21:28	170		263	3371		
12/20/2012 21:28	165		268	3376		
12/20/2012 21:29	160		273	3381		
12/20/2012 21:29	155		278	3386		
12/20/2012 21:29	150		283	3391		
12/20/2012 21:29	145		288	3396		
12/20/2012 21:30	140		293	3401		
12/20/2012 21:30	135		298	3406		
12/20/2012 21:30	130		303	3411		
12/20/2012 21:30	125		308	3416		
12/20/2012 21:31	120		313	3421		
12/20/2012 21:31	115		318	3426		
12/20/2012 21:31	110		323	3431		
12/20/2012 21:32	105		328	3436		
12/20/2012 21:32	100		333	3441		
12/20/2012 21:33	95		338	3446		
12/20/2012 21:33	90		343	3451		
12/20/2012 21:34	85		348	3456		
12/20/2012 21:35	80		353	3461		
12/20/2012 21:36	75		358	3466		
12/20/2012 21:37	70		363	3471		
12/20/2012 21:38	65		368	3476		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
12/20/2012 21:40	60		373	3481		
12/20/2012 21:43	55		378	3486		
12/20/2012 21:44	54		379	3487		
12/20/2012 21:44	53		380	3488		
12/20/2012 21:45	52		381	3489		
12/20/2012 21:46	51		382	3490		
12/20/2012 21:46	50		383	3491		
12/20/2012 21:47	49		384	3492		
12/20/2012 21:48	48		385	3493		
12/20/2012 21:50	47		386	3494		
12/20/2012 21:51	46		387	3495		
12/20/2012 21:52	45		388	3496		
12/20/2012 21:53	44		389	3497		
12/20/2012 21:54	43		390	3498		
12/20/2012 21:56	42		391	3499		
12/20/2012 21:58	41		392	3500		
12/20/2012 21:59	40		393	3501		
12/20/2012 22:01	39		394	3502		
12/20/2012 22:03	38		395	3503		
12/20/2012 22:06	37		396	3504		
12/20/2012 22:08	36		397	3505		
12/20/2012 22:11	35		398	3506		
12/20/2012 22:14	34		399	3507		
12/20/2012 22:17	33		400	3508		
12/20/2012 22:21	32		401	3509		
12/20/2012 22:25	31.05		401.95	3509.95		
1/8/2013 11:40	14.7		418.3	3526.3		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
1/8/2013 12:00	27		406	3514		
1/8/2013 12:00	30		403	3511		
1/8/2013 12:00	34		399	3507		
1/8/2013 12:00	36		397	3505		
1/8/2013 12:00	38		395	3503		
1/8/2013 12:01	40		393	3501		
1/8/2013 12:01	42		391	3499		
1/8/2013 12:01	44		389	3497		
1/8/2013 12:01	46		387	3495		
1/8/2013 12:01	48		385	3493		
1/8/2013 12:01	54		379	3487		
1/8/2013 12:02	56		377	3485		
1/8/2013 12:02	58		375	3483		
1/8/2013 12:02	60		373	3481		
1/8/2013 12:02	62		371	3479		
1/8/2013 12:02	63		370	3478		
1/8/2013 12:02	65		368	3476		
1/8/2013 12:02	66		367	3475		
1/8/2013 12:03	69		364	3472		
1/8/2013 12:03	70		363	3471		
1/8/2013 12:03	73		360	3468		
1/8/2013 12:03	74		359	3467		
1/8/2013 12:04	77		356	3464		
1/8/2013 12:04	78		355	3463		
1/8/2013 12:05	82		351	3459		
1/8/2013 12:05	84		349	3457		
1/8/2013 12:05	85		348	3456		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
1/8/2013 12:06	88		345	3453		
1/8/2013 12:06	89		344	3452		
1/8/2013 12:06	90		343	3451		
1/8/2013 12:07	92		341	3449		
1/8/2013 12:07	93		340	3448		
1/8/2013 12:07	94		339	3447		
1/8/2013 12:08	96		337	3445		
1/8/2013 12:08	97		336	3444		
1/8/2013 12:09	98		335	3443		
1/8/2013 12:09	100		333	3441		
1/8/2013 12:10	101		332	3440		
1/8/2013 12:11	103		330	3438		
1/8/2013 12:12	104		329	3437		
1/8/2013 12:13	106		327	3435		
1/8/2013 12:14	108		325	3433		
1/8/2013 12:16	110		323	3431		
1/8/2013 12:18	112		321	3429		
1/8/2013 12:21	114		319	3427		
1/8/2013 12:22	115		318	3426		
1/8/2013 12:24	116		317	3425		
1/8/2013 12:25	117		316	3424		
1/8/2013 12:27	118		315	3423		
1/8/2013 12:29	119		314	3422		
1/8/2013 12:31	120		313	3421		
1/8/2013 12:34	121		312	3420		
1/8/2013 12:37	122		311	3419		
1/8/2013 12:40	123		310	3418		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
1/8/2013 12:43	124		309	3417		
1/8/2013 12:47	125		308	3416		
1/8/2013 12:51	126		307	3415		
1/8/2013 12:54	127		306	3414		
1/8/2013 13:00	130		303	3411		
1/8/2013 13:05	131		302	3410		
1/8/2013 13:11	132		301	3409		
1/8/2013 13:19	133		300	3408		
1/8/2013 13:38	134		299	3407		
1/8/2013 13:59	136		297	3405		
1/8/2013 14:23	137		296	3404		
1/8/2013 14:45	138		295	3403		
1/8/2013 14:55	138.5		294.5	3402.5		
1/8/2013 15:06	139		294	3402		
1/8/2013 15:33	140		293	3401		
1/8/2013 15:45	140.5		292.5	3400.5		
1/8/2013 15:59	141		292	3400		
1/9/2013 11:10	152		281	3389		
1/9/2013 12:25	152.16		280.84	3388.84		
1/10/2013 7:58	151.8		281.2	3389.2		
1/11/2013 12:03	154.3		278.7	3386.7		
1/11/2013 12:09	137		296	3404		
1/11/2013 12:09	135		298	3406		
1/11/2013 12:09	133		300	3408		
1/11/2013 12:09	131		302	3410		
1/11/2013 12:09	130		303	3411		
1/11/2013 12:10	129		304	3412		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
1/11/2013 12:10	126		307	3415		
1/11/2013 12:10	125		308	3416		
1/11/2013 12:10	123		310	3418		
1/11/2013 12:10	122		311	3419		
1/11/2013 12:10	121		312	3420		
1/11/2013 12:10	120		313	3421		
1/11/2013 12:10	119		314	3422		
1/11/2013 12:10	118		315	3423		
1/11/2013 12:10	117		316	3424		
1/11/2013 12:10	116		317	3425		
1/11/2013 12:10	115		318	3426		
1/11/2013 12:10	114		319	3427		
1/11/2013 12:10	113		320	3428		
1/11/2013 12:10	112		321	3429		
1/11/2013 12:10	111		322	3430		
1/11/2013 12:11	110		323	3431		
1/11/2013 12:11	109		324	3432		
1/11/2013 12:11	108		325	3433		
1/11/2013 12:11	107		326	3434		
1/11/2013 12:11	106		327	3435		
1/11/2013 12:11	105		328	3436		
1/11/2013 12:11	104		329	3437		
1/11/2013 12:11	103		330	3438		
1/11/2013 12:11	102		331	3439		
1/11/2013 12:11	101		332	3440		
1/11/2013 12:11	100		333	3441		
1/11/2013 12:11	99		334	3442		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
1/11/2013 12:11	98		335	3443		
1/11/2013 12:12	97		336	3444		
1/11/2013 12:12	96		337	3445		
1/11/2013 12:12	95		338	3446		
1/11/2013 12:12	94		339	3447		
1/11/2013 12:12	93		340	3448		
1/11/2013 12:12	92		341	3449		
1/11/2013 12:12	91		342	3450		
1/11/2013 12:12	90		343	3451		
1/11/2013 12:12	89		344	3452		
1/11/2013 2:49	88		345	3453		
1/11/2013 12:12	87		346	3454		
1/11/2013 12:13	86		347	3455		
1/11/2013 12:13	85		348	3456		
1/11/2013 12:13	84		349	3457		
1/11/2013 12:13	83		350	3458		
1/11/2013 12:13	82		351	3459		
1/11/2013 12:13	81		352	3460		
1/11/2013 12:13	80		353	3461		
1/11/2013 12:13	79		354	3462		
1/11/2013 12:14	78		355	3463		
1/11/2013 12:14	77		356	3464		
1/11/2013 12:14	76		357	3465		
1/11/2013 12:14	75		358	3466		
1/11/2013 12:14	74		359	3467		
1/11/2013 12:14	73		360	3468		
1/11/2013 12:15	72		361	3469		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
1/11/2013 12:15	71		362	3470		
1/11/2013 12:15	70		363	3471		
1/11/2013 12:15	69		364	3472		
1/11/2013 12:15	68		365	3473		
1/11/2013 6:11	67		366	3474		
1/11/2013 12:16	66		367	3475		
1/11/2013 12:16	65		368	3476		
1/11/2013 12:16	64		369	3477		
1/11/2013 12:17	63		370	3478		
1/11/2013 12:17	62		371	3479		
1/11/2013 12:18	61		372	3480		
1/11/2013 12:18	60		373	3481		
1/11/2013 12:18	59		374	3482		
1/11/2013 12:19	56		377	3485		
1/11/2013 12:19	57		376	3484		
1/11/2013 12:20	56		377	3485		
1/11/2013 12:20	55		378	3486		
1/11/2013 12:21	54		379	3487		
1/11/2013 12:22	53		380	3488		
1/11/2013 12:22	52		381	3489		
1/11/2013 12:23	51		382	3490		
1/11/2013 12:24	50		383	3491		
1/11/2013 12:25	49		384	3492		
1/11/2013 12:26	48		385	3493		
1/11/2013 12:27	47		386	3494		
1/11/2013 12:29	46		387	3495		
1/11/2013 12:30	45		388	3496		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 6b

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
1/11/2013 12:32	44		389	3497		
1/11/2013 12:33	43		390	3498		
1/11/2013 12:36	42		391	3499		
1/11/2013 12:39	40		393	3501		
1/11/2013 12:42	39		394	3502		
1/11/2013 12:45	38		395	3503		
1/11/2013 12:48	37		396	3504		
1/11/2013 12:51	36		397	3505		
1/11/2013 12:55	35		398	3506		
1/11/2013 12:59	34		399	3507		
1/11/2013 13:05	33		400	3508		
1/11/2013 13:10	32		401	3509		
1/11/2013 13:17	31		402	3510		
1/11/2013 13:25	30		403	3511		
1/11/2013 13:35	29		404	3512		
1/11/2013 13:46	28		405	3513		
1/11/2013 14:01	27		406	3514		
1/11/2013 14:18	26		407	3515		
1/11/2013 14:40	25		408	3516		
1/11/2013 15:04	24		409	3517		
1/11/2013 15:38	23		410	3518		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 8

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
11/28/2012 8:00:00	17.3	249	231.7	3482.7	3500	
1/3/2013 11:55:00	15.9		233.1	3484.1		
1/3/2013 12:09:45	48		201	3452		
1/3/2013 12:10:25	56		193	3444		
1/3/2013 12:11:55	68		181	3432		
1/3/2013 12:13:10	68.5		180.5	3431.5		
1/3/2013 12:15:50	72.7		176.3	3427.3		
1/3/2013 16:13:03	62		187	3438		
1/3/2013 16:13:38	60		189	3440		
1/3/2013 16:14:07	58		191	3442		
1/3/2013 16:14:39	56		193	3444		
1/3/2013 16:15:15	54		195	3446		
1/3/2013 16:16:02	52		197	3448		
1/3/2013 16:16:58	50		199	3450		
1/3/2013 16:17:57	48		201	3452		
1/3/2013 16:19:31	46		203	3454		
1/3/2013 16:21:19	44		205	3456		
1/3/2013 16:23:35	43		206	3457		
1/3/2013 16:27:25	40		209	3460		
1/3/2013 16:33:11	38		211	3462		
1/3/2013 16:42:36	36		213	3464		
1/3/2013 17:06:00	33.3		215.7	3466.7		
1/8/2013 9:07	15.9		233.1	3484.1		
1/16/2013 11:45	16.3		232.7	3483.7		
1/16/2013 11:58	70		179	3430		
1/16/2013 11:58	71		178	3429		
1/16/2013 11:59	73		176	3427		
1/16/2013 11:59	74		175	3426		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 8a

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
11/27/2012 9:17	27.38	120	92.62	3472.62	3500	
12/27/2012 11:25	27.21		92.79	3472.79		
1/3/2013 12:02	27.21		92.79	3472.79		
1/3/2013 12:33	27.21		92.79	3472.79		
1/3/2013 12:59	27.22		92.78	3472.78		
1/3/2013 13:14	27.22		92.78	3472.78		
1/3/2013 13:36	27.21		92.79	3472.79		
1/3/2013 13:56	27.2		92.8	3472.8		
1/3/2013 14:06	27.2		92.8	3472.8		
1/3/2013 14:35	27.2		92.8	3472.8		
1/3/2013 15:19	27.23		92.77	3472.77		
1/3/2013 16:49	27.33		92.67	3472.67		
1/3/2013 17:18	27.38		92.62	3472.62		
1/8/2013 9:16	27.24		92.76	3472.76		
1/9/2013 10:02	27.23		92.77	3472.77		
1/16/2013 11:28	27.22		92.78	3472.78		
1/16/2013 16:00	27.24		92.76	3472.76		
1/17/2013 9:55	30.07		89.93	3469.93		
1/17/2013 14:47	30.82		89.18	3469.18		
1/18/2013 8:50	32.5		87.5	3467.5		
1/19/2013 9:08	33.62		86.38	3466.38		
1/31/2013 9:05	27.4		92.6	3472.6		

Groundwater Resources Investigation Report Rugged Solar Farm Project - Well 9

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
11/27/2012 13:35	24.19	150	125.81	3536.81	3561	Dudek
12/20/2012 8:26	14.18		135.82	3546.82		Dudek
12/20/2012 10:40	14.23		135.77	3546.77		GLA
12/20/2012 13:05	15.72		134.28	3545.28		Dudek
12/20/2012 15:29	14.62		135.38	3546.38		GLA
12/20/2012 18:29	14.2		135.8	3546.8		Dudek
1/8/2013 10:32	14.22		135.78	3546.78		Dudek
1/8/2013 13:59	14.21		135.79	3546.79		Dudek
1/8/2013 16:22	14.24		135.76	3546.76		Dudek
1/9/2013 10:54	14.24		135.76	3546.76		Dudek
1/10/2013 7:42	14.21		135.79	3546.79		Dudek
1/11/2013 11:48	14.21		135.79	3546.79		Dudek
1/11/2013 16:12	14.21		135.79	3546.79		Dudek
1/31/2013 10:25	14.38		135.62	3546.62		Dudek

Groundwater Resources Investigation Report Rugged Solar Farm Project - Old Ag. Well

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation (Feet)	Land Surface Elevation (Feet)	Comments
11/27/2012 13:50	14.07	95	80.93	3542.93	3557	Dudek
12/20/2012 8:20	14.12		80.88	3542.88		Dudek
12/20/2012 10:35	14.16		80.84	3542.84		GLA
12/20/2012 13:02	14.07		80.93	3542.93		Dudek
12/20/2012 15:32	14.11		80.89	3542.89		GLA
12/20/2012 18:26	14.07		80.93	3542.93		Dudek
1/8/2013 10:25	14.12		80.88	3542.88		Dudek
1/8/2013 13:54	14.11		80.89	3542.89		Dudek
1/8/2013 16:20	14.09		80.91	3542.91		Dudek
1/9/2013 10:47	14.12		80.88	3542.88		Dudek
1/10/2013 7:46	14.1		80.9	3542.9		Dudek
1/11/2013 11:51	14.16		80.84	3542.84		Dudek
1/11/2013 16:00	14.17		80.83	3542.83		Dudek
1/31/2013 10:19	14.2		80.8	3542.8		Dudek

APPENDIX E

Laboratory Analytical Report



Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 1 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar 7122-5

Work Order Number: B3A1071

Report Date: 30-Jan-2013

Received on Ice (Y/N): Yes Temp: 5 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
B3A1071-01	Well 6b - Rugged Solar 7122-5	Water	01/10/13 09:00	Partrick Rentz	01/10/13 16:50	Courier (Ray C.)

Included in this Data Package please find an amended report for the work order number(s) referenced below.

Work Order Number: B3A1071

Reason for Amendment:

As per the client's request, this work order has been reissued to include project specific analytes.

This report supersedes the report issued on 01/23/13.

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 2 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar 7122-5

Report Date: 30-Jan-2013

Work Order Number: B3A1071

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

B3A1071-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Well 6b - Rugged Solar 7122-5	Water	01/10/13 09:00	01/10/13 16:50

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Cations							
Total Hardness	170	3.0	mg/L	SM 2340B/EPA 200.7	01/21/13 14:18	ap	
Calcium	56	1.0	mg/L	EPA 200.7	01/21/13 14:18	ap	
Magnesium	6.8	1.0	mg/L	EPA 200.7	01/21/13 14:18	ap	
Sodium	49	1.0	mg/L	EPA 200.7	01/21/13 14:18	ap	
Potassium	1.6	1.0	mg/L	EPA 200.7	01/21/13 14:18	ap	
Total Cations	5.5	0.05	me/L	Calculation			
Anions							
Total Alkalinity	180	3.0	mg/L	SM 2320B	01/14/13 12:30	mal	
Hydroxide	ND	3.0	mg/L	SM 2320B	01/14/13 12:30	mal	
Carbonate	ND	3.0	mg/L	SM 2320B	01/14/13 12:30	mal	
Bicarbonate	220	3.0	mg/L	SM 2320B	01/14/13 12:30	mal	
Chloride	52	1.0	mg/L	EPA 300.0	01/11/13 07:38	aed	
Sulfate	12	0.50	mg/L	EPA 300.0	01/11/13 07:38	aed	
Fluoride	0.5	0.1	mg/L	SM 4500F C	01/18/13 15:00	war	
Nitrate	4.4	1.0	mg/L	EPA 300.0	01/11/13 07:38	aed	
Total Anions	5.41	0.05	me/L	Calculation			
Aggregate Properties							
pH	7.6	1.0	pH Units	SM 4500H+ B	01/10/13 22:15	kam	
Specific Conductance	530	1.0	umhos/cm	SM 2510 B	01/10/13 22:15	kam	
Solids							
Total Dissolved Solids	330	20	mg/L	SM 2540C	01/16/13 17:21	lml	



Client Name: Dudek & Associates
 Contact: Steve Dickey
 Address: 605 Third Street
 Encinitas, CA 92024

Analytical Report: Page 3 of 7
 Project Name: Invoice Attn.
 Project Number: Rugged Solar 7122-5

Report Date: 30-Jan-2013

Work Order Number: B3A1071

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

B3A1071-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Well 6b - Rugged Solar 7122-5	Water	01/10/13 09:00	01/10/13 16:50

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
General Physical							
Color	ND	3.0	Color Units	SM 2120B	01/11/13 17:20	anam	
Odor	ND	1.0	T.O.N.*	SM 2150	01/11/13 17:20	anam	
Turbidity	ND	0.20	NTU	SM 2130 B	01/11/13 17:20	anam	
Surfactants							
MBAS	ND	0.05	mg/L	SM 5540C	01/10/13 23:20	ara	
General Inorganics							
Cyanide	ND	100	ug/L	SM 4500CN E	01/11/13 15:10	slf	
Perchlorate	ND	4.0	ug/L	EPA 314.0	01/15/13 20:25	AAV	
Nutrients							
Nitrite as N	ND	100	ug/L	SM 4500NO2 B	01/11/13 09:58	mal	
Metals and Metalloids							
Aluminum	ND	50	ug/L	EPA 200.7	01/21/13 14:18	ap	
Antimony	ND	6.0	ug/L	EPA 200.8	01/17/13 04:05	dma	
Arsenic	ND	2.0	ug/L	EPA 200.8	01/17/13 04:05	dma	
Barium	ND	100	ug/L	EPA 200.8	01/17/13 04:05	dma	
Beryllium	ND	1.0	ug/L	EPA 200.8	01/17/13 04:05	dma	
Cadmium	ND	1.0	ug/L	EPA 200.8	01/17/13 04:05	dma	
Total Chromium	ND	1.0	ug/L	EPA 200.8	01/15/13 15:19	dma	
Copper	ND	50	ug/L	EPA 200.8	01/17/13 04:05	dma	
Iron	ND	100	ug/L	EPA 200.7	01/21/13 14:19	ap	
Lead	ND	5.0	ug/L	EPA 200.8	01/17/13 04:05	dma	
Manganese	ND	20	ug/L	EPA 200.8	01/17/13 04:05	dma	
Mercury	ND	1.0	ug/L	EPA 200.8	01/17/13 04:05	dma	
Nickel	ND	10	ug/L	EPA 200.8	01/17/13 04:05	dma	
Selenium	ND	5.0	ug/L	EPA 200.8	01/17/13 04:05	dma	
Silver	ND	10	ug/L	EPA 200.8	01/17/13 04:05	dma	
Thallium	ND	1.0	ug/L	EPA 200.8	01/17/13 04:05	dma	
Zinc	95	50	ug/L	EPA 200.8	01/17/13 04:05	dma	

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 4 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar 7122-5

Report Date: 30-Jan-2013

Work Order Number: B3A1071

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

B3A1071-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Well 6b - Rugged Solar 7122-5	Water	01/10/13 09:00	01/10/13 16:50

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 524.2							
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,1,1-Trichloroethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,1,2-Trichloroethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,1-Dichloroethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,1-Dichloroethene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,1-Dichloropropene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,2,3-Trichlorobenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,2,4-Trichlorobenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,2-Dichlorobenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,2-Dichloroethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,2-Dichloropropane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,3-Dichlorobenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,3-Dichloropropane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,3-Dichloropropene (total)	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
1,4-Dichlorobenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
2,2-Dichloropropane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
2-Butanone(MEK-EPA 8260)	ND	5.0	ug/L	EPA 524.2	01/18/13 21:56	eec	
2-Chlorotoluene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
4-Chlorotoluene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
4-Methyl-2-Pentanone(MIBK)	ND	5.0	ug/L	EPA 524.2	01/18/13 21:56	eec	
Benzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Bis(2-chloroethyl)ether (Non-NELAP)	ND	5.0	ug/L	EPA 524.2	01/18/13 21:56	eec	
Bromobenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Bromochloromethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Bromodichloromethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Bromoform	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Bromomethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Carbon Tetrachloride	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Chlorobenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 5 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar 7122-5

Report Date: 30-Jan-2013

Work Order Number: B3A1071

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

B3A1071-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Well 6b - Rugged Solar 7122-5	Water	01/10/13 09:00	01/10/13 16:50

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 524.2							
Chloroethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Chloroform	0.54	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Chloromethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
cis-1,2-Dichloroethene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
cis-1,3-Dichloropropene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Dibromochloromethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Dibromomethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Dichlorodifluoromethane	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Ethylbenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Hexachlorobutadiene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Isopropylbenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Methyl tert butyl Ether	ND	3.0	ug/L	EPA 524.2	01/18/13 21:56	eec	
Methylene Chloride	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
n-Butylbenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
n-Propylbenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Naphthalene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
p-Isopropyltoluene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
sec-Butylbenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Styrene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
tert-Butylbenzene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Tetrachloroethene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Toluene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
trans-1,2-Dichloroethene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
trans-1,3-Dichloropropene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Trichloroethene	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Trichlorofluoromethane	ND	5.0	ug/L	EPA 524.2	01/18/13 21:56	eec	
Trichlorotrifluoroethane	ND	10	ug/L	EPA 524.2	01/18/13 21:56	eec	
Vinyl Chloride	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Xylenes (m+p)	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Xylenes (ortho)	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Xylenes (Total)	ND	0.50	ug/L	EPA 524.2	01/18/13 21:56	eec	
Surrogate: 1,2-Dichloroethane-d4	105	% 50-150		EPA 524.2	01/18/13 21:56	eec	



Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 6 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar 7122-5

Report Date: 30-Jan-2013

Work Order Number: B3A1071

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number

B3A1071-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Well 6b - Rugged Solar 7122-5	Water	01/10/13 09:00	01/10/13 16:50

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 524.2							
Surrogate: Bromofluorobenzene	100	% 50-150		EPA 524.2	01/18/13 21:56	eec	
Surrogate: Toluene-d8	96.7	% 50-150		EPA 524.2	01/18/13 21:56	eec	
Heterotrophic Plate Count - SM 9215 B							
Heterotrophic Plate Count	320	1.0	CFU/mL	SM 9215B	01/10/13 17:10	tng	
MMOMUG - Presence/Absence - SM 9223 B							
Total Coliform	Absent	1.1	----	SM 9223B	01/10/13 17:10	tng	
E. coli	Absent	1.1	----	SM 9223B	01/10/13 17:10	tng	

* NELAP does not offer accreditation for this analyte/method/matrix combination

mailing
P.O. Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

NELAP no. 02101CA
CA Elap no. 2698
EPA no. CA00102



Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 7 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar 7122-5

Report Date: 30-Jan-2013

Work Order Number: B3A1071

Received on Ice (Y/N): Yes Temp: 5 °C

Notes and Definitions

pH: Regulatory 15 minute holding time exceeded B3A1071-01

ND: Analyte NOT DETECTED at or above the Method Detection Limit (**if MDL is reported**), otherwise at or above the Reportable Detection Limit (RDL)

NR: Not Reported

RDL: Reportable Detection Limit

MDL: Method Detection Limit

* / " : NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

DN: CN = Lorenzo Rodriguez C = US O =
Babcock Laboratories OU = Project Manager
Date: 2013.01.30 11:40:27 -07'00'

cc:

e-Standardt.rpt

mailing
P.O. Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

NELAP no. 02101CA
CA Elap no. 2698
EPA no. CA00102

Client Name: Dudek & Associates
 Contact: Steve Dickey
 Address: 605 Third Street
 Encinitas, CA 92024

Analytical Report: Page 1 of 4
 Project Name: Invoice Attn.
 Project Number: Rugged Solar 7122-5

Work Order Number: B3A1071

Report Date: 30-Jan-2013

Received on Ice (Y/N): Yes Temp: 5 °C

Chain - of - Custody Form

DUDEK
 605 Third Street
 Encinitas, CA 92024
 Tel: 760-942-5147
 Fax: 760-942-5206

Project Name: Rugged Solar 7122-5 Sampled by: Patrick Rantz		Job Number: 7122-5 Sampler Signature: <i>Patrick Rantz</i>		Laboratory: Babcock Lab Job #: 1701 Shipping Method: Truway Project Manager: Truway Email: @babcock.com		Type of Analysis to be Performed: TAAT Special Instructions: Please see attached sheet for list of all analysis we would like run. I have included extra bottles if additional sample volume is needed.				
Sample ID	Date	Time	Matrix	Method Preserved	Number of Sample Containers				Total # of containers	Please return original COC to Dudek
					40 mL glass	oz. Glass Jar	Amber	Wet/Kids Poly		
Well 66	1/10/13	9:00	Water	X	X	X	X	3	4	
			Vapor	X	X	X	X			
			None							
			HCL							
			HNO ₃							
			H ₂ SO ₄							
			Filtered (Y/N)							
			VOA							
			SVOCs							
			EPA 8270							
			Chlorinated Pesticides							
			EPA 8081A							
			TPH							
			EPA m8015							
			TDS							
			Standard Turn-Around Time							
			Other:							
			24 hr 48 hr 72 hr							

B3A1071 AB
JAN 10 2013
 Rev 11/07

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 2 of 4
Project Name: Invoice Attn.
Project Number: Rugged Solar 7122-5

Work Order Number: B3A1071

Report Date: 30-Jan-2013

Received on Ice (Y/N): Yes Temp: 5 °C

Patrick Rentz

From: Patrick Rentz
Sent: Wednesday, January 09, 2013 6:51 AM
To: Lorenzo Rodriguez
Subject: Analyte list

Hi Lorenzo,

The list I initially sent you was the analyte list for a secondary drinking water standards test we samples for another job.

Below is the requested analyte list specific to this job which was just sent over to me this morning. This list below is now what we will run the water sample for that I'll collect on Thursday.

Please review this updated list and let me know if the bottle kit you sent will be sufficient. I can get additional bottles of needed, just let me know what (if any) additional bottles to include in the analysis.

Updated Analysis List:

General Mineral/Physical (Secondary Drinking Water Standards) \$495 + \$30 (costs approximate and provided for reference only)

Aluminum	EPA 200.7
Bicarbonate alkalinity	SM 2320B
Calcium	EPA 200.7
Carbonate alkalinity	SM 2320B
Copper	EPA 200.8
Hydroxide alkalinity	SM 2320B
Iron	EPA 200.8
Magnesium	EPA 200.7
Manganese	EPA 200.8
Potassium (added)	EPA 200.7
Silver	EPA 200.8
Sodium	EPA 200.7
Total Hardness	EPA 200.7

Lead? (Part of GM10) AB

1



Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 3 of 4
Project Name: Invoice Attn.
Project Number: Rugged Solar 7122-5

Work Order Number: B3A1071

Report Date: 30-Jan-2013

Received on Ice (Y/N): Yes Temp: 5 °C

Zinc EPA 200.8

Color SM 2120B

Foaming Agents (MBAS) SM 5540C

Odor Threshold SM 2150

pH SM 4500H+ B

Turbidity SM 2130 B

NOT
INCLUDED
IN OUR
ANALYSIS

~~**Thiobenearb- SVOC by EPA 525.2 (will not analyze this as SVOC)**~~

Methyl-tert-butyl-ether (MTBE) EPA 524.2

Total alkalinity (added) SM 2320B

Total Dissolved Solids SM 2540C

Specific Conductance SM 2510 B

Chloride EPA 300.0

Sulfate EPA 300.0

Inorganic Chemicals (cost included in above package)

Aluminum EPA 200.7

Antimony EPA 200.8

Arsenic EPA 200.8

Barium EPA 200.8

Beryllium EPA 200.8

Cadmium EPA 200.8

Chromium (Total) EPA 200.8

Cyanide SM 4500CN E

Fluoride SM 4500F C

Mercury EPA 200.8

Nickel EPA 200.8

Client Name: Dudek & Associates
 Contact: Steve Dickey
 Address: 605 Third Street
 Encinitas, CA 92024

Analytical Report: Page 4 of 4
 Project Name: Invoice Attn.
 Project Number: Rugged Solar 7122-5

Work Order Number: B3A1071

Report Date: 30-Jan-2013

Received on Ice (Y/N): Yes Temp: 5 °C

Nitrate (as N)	SM 4500 NO3
Nitrite (as N)	SM 4500 NO2
Perchlorate	EPA 314.0
Selenium	EPA 200.8
Thallium	EPA 200.8

Radioactivity (Pat you may need extra containers for Radium; check with lab)

Gross Alpha Particle Activity	EPA 900	\$65
Gross Alpha Counting Error	EPA 900	
Total Radium –NTNC only	EPA 903.0	\$?
Uranium	EPA 908	\$130
Uranium Counting Error	EPA 908	

VOCs including MTBE as noted above by EPA 524.2 \$200

Microbiology \$40

Heterotrophic Plate Count	SM 9215 B
Total Coliform	SM 9223 B
E coli.	SM 9223 B

→ We will not analyze SOC's including thiobencarb as noted above (\$325 plus added costs for extras not on standard lab fee list).

Thanks Lorenzo,

-Pat Rentz



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories and more

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 1 of 1
Project Name: Invoice Attn.
Project Number: Rugged Solar 7122-5
Work Order Number: B3A1283

Report Date: 07-Feb-2013

Received on Ice (Y/N) Yes Temp: 5 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

Lab Sample #	Client Sample ID	Matrix	Date Sampled	By	Date Submitted	By
B3A1283-01	Well 6b - Rugged Solar 7122-5	Water	01/10/13 09:00	Patrick Renz	01/10/13 16:50	Courier (Ray C.)

Note: Gross Alpha, Radium-226, Radium-228, and Uranium analyses were subcontracted to FGL Environmental.

Approval

Babcock Laboratories certify that the information presented as part of this report meets the minimum quality standards in the analytical methods, if referenced. Exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

DN: CN = Lorenzo Rodriguez C = US O =
Babcock Laboratories OU = Project Manager
Date: 2013.02.07 14:07:57 -07'00'

cc:



E.S.BABCOCK & Sons, Inc.
Environmental Laboratories est. 1906

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 2 of 4
Project Name: Invoice Attn
Project Number: Rugged Solar 7122-5
Work Order Number: B3A1283

Report Date: 07-Feb-2013

Received on Ice (Y/N) Yes Temp: 5 °C

Patrick Rentz

From: Patrick Rentz
Sent: Wednesday, January 09, 2013 6:51 AM
To: Lorenzo Rodriguez
Subject: Analyte list

Hi Lorenzo,

The list I initially sent you was the analyte list for a secondary drinking water standards test we samples for another job.

Below is the requested analyte list specific to this job which was just sent over to me this morning. This list below is now what we will run the water sample for that I'll collect on Thursday.

Please review this updated list and let me know if the bottle kit you sent will be sufficient. I can get additional bottles of needed, just let me know what (if any) additional bottles to include in the analysis.

Updated Analysis List:

General Mineral/Physical (Secondary Drinking Water Standards) \$495 + \$30 (costs approximate and provided for reference only)

Aluminum	EPA 200.7
Bicarbonate alkalinity	SM 2320B
Calcium	EPA 200.7
Carbonate alkalinity	SM 2320B
Copper	EPA 200.8
Hydroxide alkalinity	SM 2320B
Iron	EPA 200.8
Magnesium	EPA 200.7
Manganese	EPA 200.8
Potassium (added)	EPA 200.7
Silver	EPA 200.8
Sodium	EPA 200.7
Total Hardness	EPA 200.7

Lead? (part of GMD) *(no)*

B3A1283AB
JAN 14 2013



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories est. 1900

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 3 of 4
Project Name: Invoice Attn.
Project Number: Rugged Solar 7122-5
Work Order Number: B3A1283

Report Date: 07-Feb-2013

Received on Ice (Y/N) Yes Temp: 5 °C

ST
INCLUDED
J 0 0 2
ANALYSIS

Zinc	EPA 200.8
Color	SM 2120B
Foaming Agents (MBAS)	SM 5540C
Odor Threshold	SM 2150
pH	SM 4500H+ B
Turbidity	SM 2130 B
Thiohenearb	—SVOC by EPA 525.2 (will not analyze this as SVOC)—
Methyl-tert-butyl-ether (MTBE)	EPA 524.2
Total alkalinity (added)	SM 2320B
Total Dissolved Solids	SM 2540C
Specific Conductance	SM 2510 B
Chloride	EPA 300.0
Sulfate	EPA 300.0

Inorganic Chemicals (cost included in above package)

Aluminum	EPA 200.7
Antimony	EPA 200.8
Arsenic	EPA 200.8
Barium	EPA 200.8
Beryllium	EPA 200.8
Cadmium	EPA 200.8
Chromium (Total)	EPA 200.8
Cyanide	SM 4500CN E
Fluoride	SM 4500F C
Mercury	EPA 200.8
Nickel	EPA 200.8

2

B3A1283AP

JAN 14 2013



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories est. 1966

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 4 of 4
Project Name: Invoice Attn.
Project Number: Rugged Solar 7122-5
Work Order Number: B3A1283

Report Date: 07-Feb-2013

Received on Ice (Y/N) Yes Temp: 5 °C

Nitrate (as N)	SM 4500 NO ₃
Nitrite (as N)	SM 4500 NO ₂
Perchlorate	EPA 314.0
Selenium	EPA 200.8
Thallium	EPA 200.8

Radioactivity (Pat you may need extra containers for Radium; check with lab)

Gross Alpha Particle Activity	EPA 900	\$65
Gross Alpha Counting Error	EPA 900	
Total Radium - NTNC only	EPA 903.0	\$7
Uranium	EPA 908	\$130
Uranium Counting Error	EPA 908	

VOCs including MTBE as noted above by EPA 524.2 \$200

Microbiology \$40

Heterotrophic Plate Count	SM 9215 B
Total Coliform	SM 9223 B
E. coli	SM 9223 B

→ We will not analyze SOCs including thiobencarb as noted above (\$325 plus added costs for extras not on standard lab fee list).

Thanks Lorenzo,

-Pat Rentz

2

B3A1283AB

JAN 14 2013

February 5, 2013

Babcock & Sons, Inc.
 P.O. Box 432
 Riverside, CA 92502

Lab ID : SP 1300725
 Customer : 2-14

Laboratory Report

Introduction: This report package contains total of 4 pages divided into 3 sections:

Case Narrative	(2 pages) : An overview of the work performed at FGL.
Sample Results	(1 page) : Results for each sample submitted.
Quality Control	(1 page) : Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Well 6b - Rugged Solar 7122-5	01/10/2013	01/23/2013	SP 1300725-001	W

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding times. All samples arrived at room temperature. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Radio QC

900.0	01/29/2013:201365 All analysis quality controls are within established criteria.
	01/25/2013:200926 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
903.0	01/29/2013:201424 All analysis quality controls are within established criteria.
	01/28/2013:200964 All preparation quality controls are within established criteria.
908.0	02/04/2013:201666 All analysis quality controls are within established criteria.
	01/31/2013:201079 All preparation quality controls are within established criteria.
Ra - 05	01/29/2013:201437 All analysis quality controls are within established criteria.

February 5, 2013
Babcock & Sons, Inc.

Lab ID : SP 1300725
Customer : 2-14

Radio QC

Ra - 05	01/26/2013:200883 All preparation quality controls are within established criteria.
---------	---

Certification:: I certify that this data package is in compliance with NELAC standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.**



Digital signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 20130105

February 5, 2013

Lab ID : SP 1300725-001

Customer ID : 2-14

Babcock & Sons, Inc.

P.O. Box 432

Riverside, CA 92502

Sampled On : January 10, 2013-09:00

Sampled By : Patrick rentz

Received On : January 23, 2013-09:45

Matrix : Water

Description : Well 6b - Rugged Solar 7122-5

Project : B3A1283-01

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Radio Chemistry^{RTS}								
Gross Alpha	12.4 ± 2.61	1.20	pCi/L	15/5	900.0	01/25/13-14:00 2P1300926	900.0	01/29/13-15:00 2A1301365
Total Alpha Radium (226)	0.101 ± 0.242	0.439	pCi/L	3	903.0	01/28/13-11:00 2P1300964	903.0	01/29/13-11:20 2A1301424
Uranium	9.23 ± 1.80	0.439	pCi/L	20	908.0	01/31/13-10:00 2P1301079	908.0	02/04/13-13:20 2A1301666
Ra 228	0.000 ± 0.618	0.251	pCi/L	2	Ra - 05	01/26/13-10:00 2P1300883	Ra - 05	01/29/13-20:40 2A1301437

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO3 pH < 2 * PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.

MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).

AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442; Drinking Water Compliance Note: Do the following

If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L, run Radium 226.

Drinking Water Compliance:

Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L.

Uranium is less than or equal to 20 pCi/L.

Radium 226 + Radium 228 is less than or equal to 5 pCi/L.

Note: Samples are held for 3-6 months prior to disposal.

February 5, 2013
Babcock & Sons, Inc.

Lab ID : SP 1300725
 Customer : 2-14

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	01/29/13:201365caa	CCV CCB	cpm cpm	9606	41.3 % 0.100	41 - 50 0.11	
Gross Alpha	900.0	01/25/13:200926caa (SP 1300728-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 177.7 177.7 177.7 177.7	 0.63 97.6 % 141 % 143 % 1.4%	 3 75-125 60-140 60-140 ≤30	 435 435
Alpha	903.0	01/29/13:201424caa	CCV CCB	cpm cpm	9606	41.9 % 0.1400	40 - 49 0.19	
Total Alpha Radium (226)	903.0	01/28/13:200964caa	RgBlk LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 17.84 17.84 17.84 17.84	 0.02 56.2 % 50.0 % 56.0 % 1.1	 2 52-107 43-111 43-111 ≤2	
Alpha	908.0	02/04/13:201666caa	CCV CCB	cpm cpm	9601	41.0 % 0.1200	40 - 49 0.15	
Uranium	908.0	01/31/13:201079caa	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 21.48 21.48 21.48 21.48	 0.17 88.2 % 92.7 % 99.3 % 6.9%	 1 54-105 75-125 75-125 ≤20	
Beta	Ra - 05	01/29/13:201437env	CCV CCB	cpm cpm	10040	88.4 % 0.3800	88 - 107 0.56	
Ra 228	Ra - 05	01/26/13:200883env	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 97.34 97.34 97.34 97.34	 -0.05 44.0 % 96.7 % 112 % 14.3%	 3 27-59 75-125 75-125 ≤25	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk	: Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
LRS	: Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Santa Paula - Condition Upon Receipt (Attach to COC)

Sample Receipt:

1. Number of ice chests/packages received: 1
Note as OTC if received over the counter unpackaged
2. Were samples received in a chilled condition? Temps: RRT / / /
- Acceptable is above 2 to 6 C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bact's to prioritize further review. Please notify Microbiology personnel immediately of bact samples received.
3. Do the number of bottles received agree with the COC?

Yes	No	N/A
-----	----	-----
4. Were the samples received intact? (i.e. no broken bottles, leaks, etc.)

Yes	No	
-----	----	--
5. Were sample custody seals intact?

Yes	No	N/A
-----	----	-----
- Sign and date the COC, obtain LIMS sample numbers, select methods/test and print labels.

Sample Verification, Labeling and Distribution:

- | | | | |
|---|-----|----|---------|
| 1. Were all requested analyses understood and acceptable? | Yes | No | |
| 2. Did bottle labels correspond with the client's ID's? | Yes | No | |
| 3. Were all bottles requiring sample preservation properly preserved? | Yes | No | N/A FGL |
| 4. VOAs checked for Headspace? | Yes | No | N/A |
| 5. Were all analyses within holding times at time of receipt? | Yes | No | |
| 6. Have rush or project due dates been checked and accepted? | Yes | No | N/A |

Attach labels to the containers and include a copy of the COC for lab delivery

Sample Receipt, Login and Verification completed by (initials)

Reviewed and
Approved By

Nicole Barnes



DOI: 10.1002/for

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved

1. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____
Resolution: _____
2. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____
Resolution: _____

(2000014)
Babcock & Sons, Inc.
SP 1300725
NMB-01/23/2013-10:56:57

SUBCONTRACT ORDER

Printed: 1/14/2013 13:15

Babcock Laboratories, Inc.

B3A1283

1300725

SENDING LABORATORY:

Babcock Laboratories, Inc.

6100 Quail Valley Court

Riverside, CA 92507-0704

Phone: (951) 653-3351

Fax: (951) 653-1662

Project Manager: Lorenzo (Z) Rodriguez

RECEIVING LABORATORY:

FGL Environmental, Inc. - Subcontracts

853 Corporation Street

Santa Paula, CA 93060

Phone: (805) 392-2000

Fax: (805) 525-4172

Copy/Relog from B3A1071.

Client: Dudek & Associates

Sampler: Patrick Rentz

Analysis	Due	Expires Regulatory Days		Laboratory ID	Comments
		Past	Date Sampled		
Sample ID: B3A1283-01			Sampled:	Well 6b - Rugged Solar	<u>Proj. No.: Rugged Solar</u>
Water			01/10/13 09:00	7122-5	<u>7122-5</u>
Radio-Uranium	02/07/13 17:00	07/09/13 09:00			
Radio-Radium 228	02/07/13 17:00	07/09/13 09:00			
Radio-Rad 226 Screen (903.0)	02/07/13 17:00	07/09/13 09:00			
Radio-Gross Alpha	02/07/13 17:00	07/09/13 09:00			
<i>Containers Supplied:</i>					
Quart Poly - HNO3 (A)	Quart Poly - HNO3 (B)	Other-HNO3 (C)		Other-HNO3 (D)	Other-HNO3 (E)

All Containers Intact: ☐ Yes ☐ No Samples Preserved Properly: ☐ Yes ☐ NoSamples Received at ☐ oC Sample Labels / COC Agree: ☐ Yes ☐ No Custody Seals Present: ☐ Yes ☐ NoPlease forward all acknowledgements of sample receipt, final reports and invoices to data@babcocklabs.com

NO HARDCOPIES PLEASE.

Released By

Date

Received By

Date

Released By

Date

Received By

Date



Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 1 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar Well 8 7122-5

Work Order Number: B3A1948

Report Date: 04-Feb-2013

Received on Ice (Y/N): Yes Temp: 9 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
B3A1948-01	Well 8 - Rugged Solar 7122-5	Water	01/18/13 11:45	Partrick Rentz	01/18/13 18:15	Courier (Ray C.)

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 2 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar Well 8 7122-5

Report Date: 04-Feb-2013

Work Order Number: B3A1948

Received on Ice (Y/N): Yes Temp: 9 °C

Laboratory Reference Number

B3A1948-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Well 8 - Rugged Solar 7122-5	Water	01/18/13 11:45	01/18/13 18:15

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Cations							
Total Hardness	250	3.0	mg/L	SM 2340B/EPA 200.7	01/25/13 10:52	ap	
Calcium	76	1.0	mg/L	EPA 200.7	01/25/13 10:52	ap	
Magnesium	14	1.0	mg/L	EPA 200.7	01/25/13 10:52	ap	
Sodium	62	1.0	mg/L	EPA 200.7	01/25/13 10:52	ap	
Potassium	3.6	1.0	mg/L	EPA 200.7	01/25/13 10:52	ap	
Total Cations	7.7	0.05	me/L	Calculation			
Anions							
Total Alkalinity	230	3.0	mg/L	SM 2320B	01/22/13 14:15	mal	
Hydroxide	ND	3.0	mg/L	SM 2320B	01/22/13 14:15	mal	
Carbonate	ND	3.0	mg/L	SM 2320B	01/22/13 14:15	mal	
Bicarbonate	280	3.0	mg/L	SM 2320B	01/22/13 14:15	mal	
Chloride	89	1.0	mg/L	EPA 300.0	01/18/13 21:03	aed	
Sulfate	17	0.50	mg/L	EPA 300.0	01/18/13 21:03	aed	
Fluoride	0.2	0.1	mg/L	SM 4500F C	01/30/13 15:00	war	
Nitrate	ND	1.0	mg/L	EPA 300.0	01/18/13 21:03	aed	
Total Anions	7.47	0.05	me/L	Calculation			
Aggregate Properties							
pH	7.4	1.0	pH Units	SM 4500H+ B	01/18/13 19:50	ara	
Specific Conductance	750	1.0	umhos/cm	SM 2510 B	01/18/13 19:50	ara	
Solids							
Total Dissolved Solids	460	20	mg/L	SM 2540C	01/24/13 14:20	lml	



Client Name: Dudek & Associates
 Contact: Steve Dickey
 Address: 605 Third Street
 Encinitas, CA 92024

Analytical Report: Page 3 of 7
 Project Name: Invoice Attn.
 Project Number: Rugged Solar Well 8 7122-5

Report Date: 04-Feb-2013

Work Order Number: B3A1948

Received on Ice (Y/N): Yes Temp: 9 °C

Laboratory Reference Number

B3A1948-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Well 8 - Rugged Solar 7122-5	Water	01/18/13 11:45	01/18/13 18:15

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
General Physical							
Color	ND	3.0	Color Units	SM 2120B	01/18/13 23:50	jdb	
Odor	ND	1.0	T.O.N.*	SM 2150	01/18/13 23:50	jdb	
Turbidity	0.21	0.20	NTU	SM 2130 B	01/18/13 23:50	jdb	
Surfactants							
MBAS	ND	0.05	mg/L	SM 5540C	01/18/13 19:10	ara	
General Inorganics							
Cyanide	ND	100	ug/L	SM 4500CN E	01/24/13 13:02	slf	
Perchlorate	ND	4.0	ug/L	EPA 314.0	01/21/13 21:52	KAM	
Nutrients							
Nitrite as N	ND	100	ug/L	SM 4500NO2 B	01/18/13 22:50	ekc	
Metals and Metalloids							
Aluminum	ND	50	ug/L	EPA 200.7	01/25/13 10:53	ap	
Antimony	ND	6.0	ug/L	EPA 200.8	01/23/13 15:49	aav	
Arsenic	ND	2.0	ug/L	EPA 200.8	01/23/13 15:49	aav	
Barium	ND	100	ug/L	EPA 200.8	01/23/13 15:49	aav	
Beryllium	ND	1.0	ug/L	EPA 200.8	01/23/13 15:49	aav	
Cadmium	ND	1.0	ug/L	EPA 200.8	01/23/13 15:49	aav	
Total Chromium	ND	1.0	ug/L	EPA 200.8	01/30/13 14:42	dma	
Copper	ND	50	ug/L	EPA 200.8	01/23/13 15:49	aav	
Iron	ND	100	ug/L	EPA 200.7	01/25/13 10:53	ap	
Lead	ND	5.0	ug/L	EPA 200.8	01/23/13 15:49	aav	
Manganese	130	20	ug/L	EPA 200.8	01/23/13 15:49	aav	
Mercury	ND	1.0	ug/L	EPA 200.8	01/23/13 15:49	aav	
Nickel	ND	10	ug/L	EPA 200.8	01/23/13 15:49	aav	
Selenium	ND	5.0	ug/L	EPA 200.8	01/23/13 15:49	aav	
Silver	ND	10	ug/L	EPA 200.8	01/23/13 15:49	aav	
Thallium	ND	1.0	ug/L	EPA 200.8	01/23/13 15:49	aav	
Zinc	ND	50	ug/L	EPA 200.8	01/23/13 15:49	aav	

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 4 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar Well 8 7122-5

Report Date: 04-Feb-2013

Work Order Number: B3A1948

Received on Ice (Y/N): Yes Temp: 9 °C

Laboratory Reference Number

B3A1948-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Well 8 - Rugged Solar 7122-5	Water	01/18/13 11:45	01/18/13 18:15

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 524.2							
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,1,1-Trichloroethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,1,2-Trichloroethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,1-Dichloroethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,1-Dichloroethene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,1-Dichloropropene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,2,3-Trichlorobenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,2,4-Trichlorobenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,2-Dichlorobenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,2-Dichloroethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,2-Dichloropropane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,3-Dichlorobenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,3-Dichloropropane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,3-Dichloropropene (total)	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
1,4-Dichlorobenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
2,2-Dichloropropane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
2-Butanone(MEK-EPA 8260)	ND	5.0	ug/L	EPA 524.2	01/20/13 08:56	eec	
2-Chlorotoluene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
4-Chlorotoluene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
4-Methyl-2-Pentanone(MIBK)	ND	5.0	ug/L	EPA 524.2	01/20/13 08:56	eec	
Benzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Bis(2-chloroethyl)ether (Non-NELAP)	ND	5.0	ug/L	EPA 524.2	01/20/13 08:56	eec	
Bromobenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Bromochloromethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Bromodichloromethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Bromoform	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Bromomethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Carbon Tetrachloride	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Chlorobenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 5 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar Well 8 7122-5

Report Date: 04-Feb-2013

Work Order Number: B3A1948

Received on Ice (Y/N): Yes Temp: 9 °C

Laboratory Reference Number

B3A1948-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Well 8 - Rugged Solar 7122-5	Water	01/18/13 11:45	01/18/13 18:15

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 524.2							
Chloroethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Chloroform	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Chloromethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
cis-1,2-Dichloroethene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
cis-1,3-Dichloropropene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Dibromochloromethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Dibromomethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Dichlorodifluoromethane	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Ethylbenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Hexachlorobutadiene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Isopropylbenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Methyl tert butyl Ether	ND	3.0	ug/L	EPA 524.2	01/20/13 08:56	eec	
Methylene Chloride	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
n-Butylbenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
n-Propylbenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Naphthalene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
p-Isopropyltoluene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
sec-Butylbenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Styrene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
tert-Butylbenzene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Tetrachloroethene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Toluene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
trans-1,2-Dichloroethene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
trans-1,3-Dichloropropene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Trichloroethene	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Trichlorofluoromethane	ND	5.0	ug/L	EPA 524.2	01/20/13 08:56	eec	
Trichlorotrifluoroethane	ND	10	ug/L	EPA 524.2	01/20/13 08:56	eec	
Vinyl Chloride	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Xylenes (m+p)	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Xylenes (ortho)	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Xylenes (Total)	ND	0.50	ug/L	EPA 524.2	01/20/13 08:56	eec	
Surrogate: 1,2-Dichloroethane-d4	106	% 50-150		EPA 524.2	01/20/13 08:56	eec	



Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 6 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar Well 8 7122-5

Report Date: 04-Feb-2013

Work Order Number: B3A1948

Received on Ice (Y/N): Yes Temp: 9 °C

Laboratory Reference Number

B3A1948-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Well 8 - Rugged Solar 7122-5	Water	01/18/13 11:45	01/18/13 18:15

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Volatile Organic Compounds by EPA 524.2							
Surrogate: Bromofluorobenzene	97.5	%	50-150		EPA 524.2	01/20/13 08:56	eec
Surrogate: Toluene-d8	102	%	50-150		EPA 524.2	01/20/13 08:56	eec
Heterotrophic Plate Count - SM 9215 B							
Heterotrophic Plate Count	180	1.0	CFU/mL	SM 9215B	01/19/13 12:55	dpk	
MMOMUG - Presence/Absence - SM 9223 B							
Total Coliform	Absent	1.1	----	SM 9223B	01/19/13 12:55	dpk	
E. coli	Absent	1.1	----	SM 9223B	01/19/13 12:55	dpk	

* NELAP does not offer accreditation for this analyte/method/matrix combination

mailing
P.O. Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

NELAP no. 02101CA
CA Elap no. 2698
EPA no. CA00102



Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 7 of 7
Project Name: Invoice Attn.
Project Number: Rugged Solar Well 8 7122-5

Report Date: 04-Feb-2013

Work Order Number: B3A1948

Received on Ice (Y/N): Yes Temp: 9 °C

Notes and Definitions

pH: Regulatory 15 minute holding time exceeded B3A1948-01

ND: Analyte NOT DETECTED at or above the Method Detection Limit (**if MDL is reported**), otherwise at or above the Reportable Detection Limit (RDL)

NR: Not Reported

RDL: Reportable Detection Limit

MDL: Method Detection Limit

* / " : NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

DN: CN = Lorenzo Rodriguez C = US O =
Babcock Laboratories OU = Project Manager
Date: 2013.02.04 10:12:32 -07'00'

cc:

e-Standardt.rpt

mailing
P.O. Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

NELAP no. 02101CA
CA Elap no. 2698
EPA no. CA00102

Client Name: Dudek & Associates
 Contact: Steve Dickey
 Address: 605 Third Street
 Encinitas, CA 92024

Analytical Report: Page 1 of 3
 Project Name: Invoice Attn.
 Project Number: Rugged Solar Well 8 7122-5

Work Order Number: B3A1948

Report Date: 04-Feb-2013

Received on Ice (Y/N): Yes Temp: 9 °C

Chain - of - Custody Form

DUDEK

605 Third Street
 Encinitas, CA 92024
 Tel: 760-942-5147
 Fax: 760-942-5206

Project Name: <i>Rugged Solar Well 8</i>		Job Number: <i>7122-5</i>		Lab Job #: _____		Page _____ of _____	
Sampled by: <i>Patrick Rantz</i>		Sample Signature: <i>Patrick Rantz</i>		Lab Contact: _____		Shipping Method: _____	
Relinquished by: <i>Patrick Rantz</i>		Received by: <i>Ray C. Dickey</i>		Project Manager: <i>Trey Driscoll</i>		PM Email: <i>@dudek.com</i>	
Date: <i>1/17/13</i> Time: <i>11:45</i>		Date: <i>1/18/13</i> Time: <i>15:30</i>		Date: <i>1/18/13</i> Time: <i>15:30</i>		Date: <i>1/18/13</i> Time: <i>15:30</i>	
Matrix: <i>Water</i>		Matrix: <i>Water</i>		Matrix: <i>Water</i>		Matrix: <i>Water</i>	
Method Preserved: <i>HCL</i>		Method Preserved: <i>HCL</i>		Method Preserved: <i>HCL</i>		Method Preserved: <i>HCL</i>	
Filtered (Y/N): <i>Y</i>		Filtered (Y/N): <i>Y</i>		Filtered (Y/N): <i>Y</i>		Filtered (Y/N): <i>Y</i>	
40 mL glass jar: <i>Y</i>		40 mL glass jar: <i>Y</i>		40 mL glass jar: <i>Y</i>		40 mL glass jar: <i>Y</i>	
oz. Glass Jar: <i>Y</i>		oz. Glass Jar: <i>Y</i>		oz. Glass Jar: <i>Y</i>		oz. Glass Jar: <i>Y</i>	
Number of Sample Containers: <i>16</i>		Number of Sample Containers: <i>16</i>		Number of Sample Containers: <i>16</i>		Number of Sample Containers: <i>16</i>	
VOCs: <i>Y</i>		VOCs: <i>Y</i>		VOCs: <i>Y</i>		VOCs: <i>Y</i>	
SVOCs: <i>Y</i>		SVOCs: <i>Y</i>		SVOCs: <i>Y</i>		SVOCs: <i>Y</i>	
Chlorinated Pesticides: <i>Y</i>		Chlorinated Pesticides: <i>Y</i>		Chlorinated Pesticides: <i>Y</i>		Chlorinated Pesticides: <i>Y</i>	
TPH: <i>Y</i>		TPH: <i>Y</i>		TPH: <i>Y</i>		TPH: <i>Y</i>	
TDS: <i>Y</i>		TDS: <i>Y</i>		TDS: <i>Y</i>		TDS: <i>Y</i>	
EPA 8260B: <i>Y</i>		EPA 8260B: <i>Y</i>		EPA 8260B: <i>Y</i>		EPA 8260B: <i>Y</i>	
EPA 8270: <i>Y</i>		EPA 8270: <i>Y</i>		EPA 8270: <i>Y</i>		EPA 8270: <i>Y</i>	
EPA 8081A: <i>Y</i>		EPA 8081A: <i>Y</i>		EPA 8081A: <i>Y</i>		EPA 8081A: <i>Y</i>	
EPA m8015: <i>Y</i>		EPA m8015: <i>Y</i>		EPA m8015: <i>Y</i>		EPA m8015: <i>Y</i>	
Standard Turn-Around Time: <i>24 hr</i>		Standard Turn-Around Time: <i>24 hr</i>		Standard Turn-Around Time: <i>24 hr</i>		Standard Turn-Around Time: <i>24 hr</i>	
Other: <i>Y</i>		Other: <i>Y</i>		Other: <i>Y</i>		Other: <i>Y</i>	
Special Instructions: <i>Please see attached sheet for suite of analysis.</i>		Special Instructions: _____		Special Instructions: _____		Special Instructions: _____	

Rev 11/07

Client Name: Dudek & Associates
 Contact: Steve Dickey
 Address: 605 Third Street
 Encinitas, CA 92024

Analytical Report: Page 2 of 3
 Project Name: Invoice Attn.
 Project Number: Rugged Solar Well 8 7122-5

Work Order Number: B3A1948

Report Date: 04-Feb-2013

Received on Ice (Y/N): Yes Temp: 9 °C

Patrick Rentz

From: Lorenzo Rodriguez <lrodriguez@babcocklabs.com>
Sent: Thursday, January 17, 2013 10:51 AM
To: Patrick Rentz
Subject: RE: Analyte list

Containers	Analysis
Three 40 mL vials w/HCL	524-MIBE
100 mL sterile bacti-bottle	BT-HPC BT-MMUG-P/A
pint w/HNO3	AG_ICPMS_DW AL_ICP_DW AS_ICPMS_DW BA_ICPMS_DW BE_ICPMS_DW CA_ICP_DW CD_ICPMS_DW CR_ICPMS_DW CU_ICPMS_DW FE_ICP_DW Hardness Total-DW HG_ICPMS_DW K_ICP_DW MG_ICP_DW MN_ICPMS_DW NA_ICP_DW NI_ICPMS_DW PB_ICPMS_DW SB_ICPMS_DW SE_ICPMS_DW TL_ICPMS_DW Total Cations-ICP_DW ZN_ICPMS_DW
quart unpreserved	Cl Color Cyanide Total EC Fluoride Alkalinity MBAS Nitrite-N NO3 Odor Perchlorate-Aqueous pH SO4 Solids-Total Diss

Lorenzo,
 We will run the same analysis as the previous samples I submitted to you (last week), the modified Title 22. Thank you,
 -Pat Rentz

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 3 of 3
Project Name: Invoice Attn.
Project Number: Rugged Solar Well 8 7122-5

Work Order Number: B3A1948

Report Date: 04-Feb-2013

Received on Ice (Y/N): Yes Temp: 9 °C

	Total Anions
	Turbidity
quart unpreserved	Radio-Gross Alpha
quart unpreserved	Radio-Rad 226
Half gallon unpreserved	Radio-Radium 228
quart unpreserved	Radio-Uranium

-----Original Message-----

From: Patrick Rentz [mailto:prentz@dudek.com]
Sent: Wednesday, January 09, 2013 12:21 PM
To: Lorenzo Rodriguez
Subject: Re: Analyte list

I will pick them up from a local lab in San Diego.

Sent from my iPhone

On Jan 9, 2013, at 12:08, "Lorenzo Rodriguez" <lrodriguez@babcocklabs.com> wrote:

> From us?

>

> -----Original Message-----

> From: Patrick Rentz [mailto:prentz@dudek.com]
> Sent: Wednesday, January 09, 2013 10:10 AM
> To: Lorenzo Rodriguez
> Subject: Re: Analyte list

>

> Lorenzo,

>

> Thanks for your help, I'll pick up 3 1 liter ambers with HCL today.

>

> -Pat Rentz

>

> Sent from my iPhone

>

> On Jan 9, 2013, at 9:48, "Lorenzo Rodriguez" <lrodriguez@babcocklabs.com> wrote:

>

>> Yes to all, except one parameter.

>>

>> We need three 1-Liter ambers preserved with HCL (to achieve pH<2) for " Thiobencarb
EPA 525.2 (will not analyze this as SVOC)"

SVOC by

>>

>> -----Original Message-----

>> From: Patrick Rentz [mailto:prentz@dudek.com]
>> Sent: Wednesday, January 09, 2013 6:51 AM
>> To: Lorenzo Rodriguez
>> Subject: Analyte list

>>

>> Hi Lorenzo,

>>



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories and more

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 1 of 1
Project Name: Invoice Attn.
Project Number: Rugged Solar Well 8 7122-5
Work Order Number: B3A1949

Report Date: 11-Feb-2013

Received on Ice (Y/N) Yes Temp: 9 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

Lab Sample #	Client Sample ID	Matrix	Date Sampled	By	Date Submitted	By
B3A1949-01	Well 8 - Rugged Solar 7122-5	Water	01/18/13 11:45	Patrick Renz	01/18/13 18:15	Courier (Ray C.)

Note: Gross Alpha, Radium 226, Radium 228, and Uranium analyses were subcontracted to FGL Environmental.

Approval

Babcock Laboratories certify that the information presented as part of this report meets the minimum quality standards in the analytical methods, if referenced. Exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

DN: CN = Lorenzo Rodriguez C = US O =
Babcock Laboratories OU = Project Manager
Date: 2013.02.11 12:13:58 -07'00'

cc:



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories 407906

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 1 of 3
Project Name: Invoice Attn.
Project Number: Rugged Solar Well 8 7122-5
Work Order Number: B3A1949

Report Date: 11-Feb-2013

Received on Ice (Y/N) Yes

Temp: 9 °C

Page 1 of 1

COC #

Chain-of-Custody Form

DUDEK

605 Third Street
Encinitas, CA 92024
Tel: 760-942-8247
Fax: 760-942-5206

Project Name:

Rugged Solar Well 8

Job Number:

7122-5

Sample Signature:

Patrick Rente

Signature:

Patrick Rente

Laboratory:		Lab Job #:		Shipping Method:	
Project Manager:		PID Email:		Special Instructions:	
Troy Driscoll		Troy.Driscoll@babcock.com			
Types of Analytes to be Performed:		TAT:		Special Instructions:	
BPA 8260B		24 hr - 48 hr - 72 hr		Please see attached sheet for suite of analysis.	
SVOCs		Standard Turn-Around Time		gals/bats	
EPA 8270		X			
Chlorinated Pesticides					
EPA 8081A					
TPH					
BPA m8015					
TDS					
Total # of containers		16		Please return original COC to Dudek	
Company		Date		Sample Received	
D.E.		1/18/13 15:30		Sample Name:	
ESB		1/18/13 14:15		Cooler Temp: 9 °C	
				☐ Confirm to COC	

Sample ID	Date	Time	Matrix	Method Preserved	Number of Sample Containers					
					40 mL Glass	ne. Glass Jar	Amber	Poly		
Well 8	1/17/13	11:45	Water							
			Vapor							
			HCL							
			HNO ₃							
			FeSO ₄							
			Filtered (Y/N)							
			VOA							

Relinquished By:	Company	Date	Time	Received by:	Company	Date	Time	Please return original COC to Dudek	
								Sample Name:	Cooler Temp: °C
Patrick Rente	DUDEK	1/18/13	15:30	Troy Driscoll	D.E.	1/18/13	15:30		
Ray C. D.	D.E.	1/18/13	14:15	Patrick Rente	ESB	1/18/13	14:15		

Rev 11/07



E.S.BABCOCK & Sons, Inc.
Environmental Laboratories

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 2 of 3
Project Name: Invoice Attn
Project Number: Rugged Solar Well 8 7122-5
Work Order Number: B3A1949

Report Date: 11-Feb-2013

Received on Ice (Y/N) Yes Temp: 9 °C

Patrick Rentz

From: Lorenzo Rodriguez <lrodriguez@babcocklabs.com>
Sent: Thursday, January 17, 2013 10:51 AM
To: Patrick Rentz
Subject: RE: Analyte list

Containers	Analysis
Three 40 mL vials w/HCl	524-MiBE
100 mL sterile bacti-bottle	BT-HPC BT-MMUG-P/A
pint w/HNO3	AG_ICPMS_DW AL_ICP_DW AS_ICPMS_DW BA_ICPMS_DW BE_ICPMS_DW CA_ICP_DW CD_ICPMS_DW CR_ICPMS_DW CU_ICPMS_DW FE_ICP_DW Hardness Total-DW HG_ICPMS_DW K_ICP_DW MG_ICP_DW MN_ICPMS_DW NA_ICP_DW NI_ICPMS_DW PB_ICPMS_DW SB_ICPMS_DW SE_ICPMS_DW TL_ICPMS_DW Total Cations-ICP_DW ZN_ICPMS_DW
quart unpreserved	Cl Color Cyanide Total EC Fluoride Alkalinity MBAS Nitrite-N NO3 Odor Perchlorate-Aqueous pH SO4 Solids-Total Diss

Lorenzo,
We will run the same analysis's as the previous samples I submitted to you (last week), the modified Title 22. Thank you,
-Pat Rentz



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories

Client Name: Dudek & Associates
Contact: Steve Dickey
Address: 605 Third Street
Encinitas, CA 92024

Analytical Report: Page 3 of 3
Project Name: Invoice Attn
Project Number: Rugged Solar Well 8 7122-5
Work Order Number: B3A1949

Report Date: 11-Feb-2013

Received on Ice (Y/N) Yes Temp: 9 °C

	Total Anions Turbidity
quart unpreserved	Radio-Gross Alpha
quart unpreserved	Radio-Rad 228
Half gallon unpreserved	Radio-Radium 228
quart unpreserved	Radio-Uranium

-----Original Message-----

From: Patrick Rentz [mailto:prentz@dudek.com]
Sent: Wednesday, January 09, 2013 12:21 PM
To: Lorenzo Rodriguez
Subject: Re: Analyte list

I will pick them up from a local lab in San Diego.

Sent from my iPhone

On Jan 9, 2013, at 12:08, "Lorenzo Rodriguez" <lrodriguez@babcocklabs.com> wrote:

> From us?

>

> -----Original Message-----

> From: Patrick Rentz [mailto:prentz@dudek.com]
> Sent: Wednesday, January 09, 2013 10:10 AM
> To: Lorenzo Rodriguez
> Subject: Re: Analyte list

>

> Lorenzo,

>

> Thanks for your help, I'll pick up 3 1 liter ambers with HCL today.

>

> -Pat Rentz

>

> Sent from my iPhone

>

> On Jan 9, 2013, at 9:48, "Lorenzo Rodriguez" <lrodriguez@babcocklabs.com> wrote:

>

>> Yes to all, except one parameter.

>>

>> We need three 1-liter ambers preserved with HCL (to achieve pH<2) for " Thiobencarb
EPA 525.2 (will not analyze this as SVOC)"

SVOC by

>>

>> -----Original Message-----

>> From: Patrick Rentz [mailto:prentz@dudek.com]
>> Sent: Wednesday, January 09, 2013 6:51 AM
>> To: Lorenzo Rodriguez
>> Subject: Analyte list

>>

>> Hi Lorenzo,

>>

February 8, 2013

Babcock & Sons, Inc.
 P.O. Box 432
 Riverside, CA 92502

Lab ID : SP 1300803
 Customer : 2-14

Laboratory Report

Introduction: This report package contains total of 4 pages divided into 3 sections:

Case Narrative	(2 pages) : An overview of the work performed at FGL.
Sample Results	(1 page) : Results for each sample submitted.
Quality Control	(1 page) : Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Well 8 - Ruggerd Solar 7122-5	01/18/2013	01/25/2013	SP 1300803-001	W

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding times. All samples arrived at room temperature. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Radio QC

900.0	02/04/2013:201664 All analysis quality controls are within established criteria
	01/30/2013:201080 All preparation quality controls are within established criteria
903.0	01/29/2013:201424 All analysis quality controls are within established criteria
	01/28/2013:200964 All preparation quality controls are within established criteria
908.0	02/05/2013:201666 All analysis quality controls are within established criteria
	01/31/2013:201079 All preparation quality controls are within established criteria
Ra - 05	02/07/2013:201838 All analysis quality controls are within established criteria
	02/04/2013:201131 All preparation quality controls are within established criteria

February 8, 2013
Babcock & Sons, Inc.

Lab ID : SP 1300803
Customer : 2-14

Certification:: I certify that this data package is in compliance with NELAC standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.**



Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2013.02.07

February 8, 2013

Lab ID : SP 1300803-001

Customer ID : 2-14

Babcock & Sons, Inc.

P.O. Box 432

Riverside, CA 92502

Sampled On : January 18, 2013-11:45

Sampled By : Patrick Rentz

Received On : January 25, 2013-10:30

Matrix : Water

Description : Well 8 - Ruggerd Solar 7122-5

Project : B3A1949-01

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Radio Chemistry^{RTS}								
Gross Alpha	21.9 ± 3.43	1.42	pCi/L	15/5	900.0	01/30/13-15:45 2P1301080	900.0	02/04/13-10:00 2A1301664
Total Alpha Radium (226)	0.249 ± 0.292	0.439	pCi/L	3	903.0	01/28/13-11:00 2P1300964	903.0	01/29/13-12:20 2A1301424
Uranium	21.7 ± 2.70	0.439	pCi/L	20	908.0	01/31/13-10:00 2P1301079	908.0	02/05/13-09:40 2A1301666
Ra 228	0.000 ± 0.534	0.201	pCi/L	2	Ra - 05	02/04/13-18:30 2P1301131	Ra - 05	02/07/13-20:10 2A1301838

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: HNO3 pH < 2 = PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.

MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).

AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442; Drinking Water Compliance Note: Do the following

If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L, run Radium 226.

Drinking Water Compliance:

Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L.

Uranium is less than or equal to 20 pCi/L.

Radium 226 + Radium 228 is less than or equal to 5 pCi/L.

Note: Samples are held for 3-6 months prior to disposal.

February 8, 2013
Babcock & Sons, Inc.

Lab ID : SP 1300803
 Customer : 2-14

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	02/04/13:201664caa	CCV CCB	cpm cpm	9601	41.3 % 0.1200	41 - 50 0.12	
Gross Alpha	900.0	01/30/13:201080jmb (CH 1370266-001)	Blank LCS MS MSD MSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 177.7 177.7 177.7 177.7	 0.52 122 % 79.2 % 84.8 % 6.8%	 3 75-125 60-140 60-140 ≤30	
Alpha	903.0	01/29/13:201424caa	CCV CCB	cpm cpm	9606	41.9 % 0.1400	40 - 49 0.19	
Total Alpha Radium (226)	903.0	01/28/13:200964caa	RgBlk LCS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 17.84 17.84 17.84 17.84	 0.02 56.2 % 50.0 % 56.0 % 1.1	 2 52-107 43-111 43-111 ≤2	
Alpha	908.0	02/05/13:201666caa	CCV CCB	cpm cpm	9601	41.0 % 0.1200	40 - 49 0.15	
Uranium	908.0	01/31/13:201079caa	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 21.48 21.48 21.48 21.48	 0.17 88.2 % 92.7 % 99.3 % 6.9%	 1 54-105 75-125 75-125 ≤20	
Beta	Ra - 05	02/07/13:201838env	CCV CCB	cpm cpm	10030	89.5 % 0.4000	87 - 107 0.59	
Ra 228	Ra - 05	02/04/13:201131env	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	 97.11 97.11 97.11 97.11	 0.06 49.9 % 101 % 98.8 % 2.6%	 3 27-59 75-125 75-125 ≤25	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk	: Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
LRS	: Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Santa Paula - Condition Upon Receipt (Attach to COC)

Sample Receipt:

1. Number of ice chests/packages received: 1
Note as OTC if received over the counter unpackaged
2. Were samples received in a chilled condition? Temps: RRT / / /
- Acceptable is above 2 to 6 C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bact's to prioritize further review. Please notify Microbiology personnel immediately of bact samples received.
3. Do the number of bottles received agree with the COC?

Yes	No	N/A
-----	----	-----
4. Were the samples received intact? (i.e. no broken bottles, leaks, etc.)

Yes	No	
-----	----	--
5. Were sample custody seals intact?

Yes	No	N/A
-----	----	-----
- Sign and date the COC, obtain LIMS sample numbers, select methods/test and print labels.

Sample Verification, Labeling and Distribution:

- | | | | |
|---|-----|----|---------|
| 1. Were all requested analyses understood and acceptable? | Yes | No | |
| 2. Did bottle labels correspond with the client's ID's? | Yes | No | |
| 3. Were all bottles requiring sample preservation properly preserved? | Yes | No | N/A FGL |
| 4. VOAs checked for Headspace? | Yes | No | N/A |
| 5. Were all analyses within holding times at time of receipt? | Yes | No | |
| 6. Have rush or project due dates been checked and accepted? | Yes | No | N/A |

Attach labels to the containers and include a copy of the COC for lab delivery

Sample Receipt, Login and Verification completed by (initials)

Reviewed and
Approved By

Nicole Barnes



Downloaded by: Umeå University
Title: Spring 2013
Date: 05/20/13 10:52 AM

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved

1. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____
Resolution: _____
2. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____
Resolution: _____

(2000014)
Babcock & Sons, Inc.
SP 1300803
NMB-01/25/2013-10:52:59

SUBCONTRACT ORDER

Printed: 1/18/2013 18:50

Babcock Laboratories, Inc.

B3A1949

1300303

SENDING LABORATORY:

Babcock Laboratories, Inc.

6100 Quail Valley Court

Riverside, CA 92507-0704

Phone: (951) 653-3351

Fax: (951) 653-1662

Project Manager: Lorenzo (Z) Rodriguez

RECEIVING LABORATORY:

FGL Environmental, Inc. - Subcontracts

853 Corporation Street

Santa Paula, CA 93060

Phone: (805) 392-2000

Fax: (805) 525-4172

Copy/Relog from B3A1283

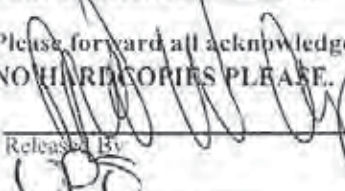
Client: Dudek & Associates

Sampler: Patrick Reniz

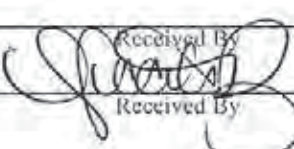
Analysis	Expires Regulatory Days		Laboratory ID	Comments
	Due	Past Date Sampled		
Sample ID: B3A1949-01		Sampled:	Well 8 - Rugged Solar	Proj. No.: Rugged Solar
Water		01/18/13 11:45	7122-5	Well 8 7122-5
Radio-Uranium	02/15/13 17:00	07/17/13 11:45		
Radio-Radium 228	02/15/13 17:00	07/17/13 11:45		
Radio-Rad 226 Screen (903.0)	02/15/13 17:00	07/17/13 11:45		
Radio-Gross Alpha	02/15/13 17:00	07/17/13 11:45		
Containers Supplied:				
Other-HNO3 (A)	Other-HNO3 (B)	Other-HNO3 (C)	Other-HNO3 (D)	Other-HNO3 (E)

All Containers Intact: ☐ Yes ☐ No Samples Preserved Properly: ☐ Yes ☐ NoSamples Received at ☐ °C Sample Labels / COC Agree: ☐ Yes ☐ No Custody Seals Present: ☐ Yes ☐ NoPlease forward all acknowledgements of sample receipt, final reports and invoices to data@babcocklabs.com

NO HARD COPIES PLEASE.

Released By  Date 1/24/13

Released By _____ Date _____

Received By  Date 1/25 10:30

Received By _____ Date _____