

## **WELL TEST DATA**

**RANCHO CALIFORNIA WATER  
DISTRICT (RCWD) WELL NO. 118  
FORMER DELTA DISCOUNT GAS  
28111 FRONT STREET  
TEMECULA, CALIFORNIA  
RWQCB CASE NO. 9UT2937**

Prepared for

**CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
SAN DIEGO, CALIFORNIA**

Prepared by

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**Geocon Project No. 09094-06-05**

**December 2, 2002**

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December 2, 2002

HAND-DELIVERED

California Regional Water Quality Control Board  
San Diego Region  
9174 Sky Park Court, Suite 100  
San Diego, California 92123

Attention: Mr. Barry Pulver, Associate Engineering Geologist

Subject: RANCHO CALIFORNIA WATER DISTRICT (RCWD) WELL NO. 118  
FORMER DELTA DISCOUNT GAS  
28111 FRONT STREET  
TEMECULA, CALIFORNIA  
RWQCB CASE NO. 9UT2937  
WELL TEST DATA

References:

- *Investigation Order No. R9-2002-318*, issued by the California Regional Water Quality Control Board, San Diego Region, dated September 24, 2002.
- *Workplan for Aquifer Test, Rancho California Water District (RCWD) Well No. 118, Former Delta Discount Gas, 28111 Front Street, Temecula, California, RWQCB Case No. 9UT2937*, prepared by Geocon Consultants, Inc., dated October 7, 2002.

Dear Mr. Pulver:

In accordance with the above-referenced Investigation Order No. R9-2002-318, Geocon Consultants, Inc. (Geocon), on behalf of Narain Oil, Inc., is submitting the data obtained from three groundwater monitoring wells located on and off-site to the west, during the pumping of Rancho California Water District Well (RCWD) No. 118.

The work was conducted in general accordance with the above-referenced workplan dated October 7, 2002. Specifically, Geocon performed the following tasks:

- Measured and recorded groundwater elevations for each of the 11 wells located on the site and offsite to the west. A summary of information pertaining to all wells on and offsite to the west is included herein as Table 1.

- Installed Solinst Levellogger™ Model 3001 Data loggers in three of the groundwater monitoring wells on the site and offsite to the west. The data loggers were installed in wells GMW-2, GMW-7, and GMW-8 on October 18, 2002.

Well No. GMW-2 was selected due to its relative location on the site, and the distance from RCWD Well No. 118. Wells GMW-7 and GMW-8 were selected due to the fact that these wells are screened at lower water bearing zones. Well No. GMW-7 is screened from approximately 48 to 58 feet below the ground surface. Well No. GMW-8 is screened from approximately 24.5 to 34.5 feet below the ground surface.

- Installed a Solinst Barologger™ in one of the wells at the site. The barometric compensator logger was installed in conjunction with the data loggers, on October 18, 2002. The function of the barometric compensator is to adjust the data for changes in barometric pressure.
- The data loggers measured and recorded groundwater elevations and fluctuations before, during, and after the pumping of RCWD Well No 118. readings were taken every minute from when the data loggers were installed on October 18 until the completion of the test on October 28, 2002. The data obtained from the logging instruments was downloaded and compiled in an Excel spreadsheet. The data is enclosed herein as Attachments A, B, and C.

If you should have any questions regarding this data, please contact the undersigned at (858) 558-6100.

Sincerely,

**GEOCON CONSULTANTS, INC.**

Phillip S. Rosenberg, RG 5536/CEG 1721/CHG 658  
Senior Geologist

PSR:sc

- (1) Addressee
- (1) Narain Oil, Inc. (letter only)

Attachments: Table 1, Groundwater Monitoring Well Information Summary  
Attachment A, Groundwater Elevation Data, Well GMW-2  
Attachment B, Groundwater Elevation Data, Well GMW-7  
Attachment C, Groundwater Elevation Data, Well GMW-8

**TABLE I**  
**GROUNDWATER MONITORING WELL INFORMATION SUMMARY**  
**FORMER DELTA DISCOUNT GAS**  
**28111 FRONT STREET, TEMECULA, CALIFORNIA**

<b>WELL</b>	<b>ELEV. (MSL)</b>	<b>DEPTH TO TOP OF SCREEN</b>	<b>SCREEN LENGTH</b>	<b>TOTAL DEPTH OF WELL</b>	<b>DEPTH TO GW (Feet below TOC, Measured on 10/18/02)</b>	<b>GW ELEV. (MSL)</b>
W-2*	1008.59'	5'	15'	21.2'	8.43 <sup>1</sup>	1000.16
W-3*	1006.74'	5'	15'	19.7'	6.25	1000.49
GMW-1**	1007.28'	5'	10'	14.2'	5.55	1001.73
<b>GMW-2**</b>	<b>1009.21'</b>	<b>5'</b>	<b>10'</b>	<b>14.2'</b>	<b>7.42</b>	<b>1001.79</b>
GMW-3**	1008.06'	5'	10'	14.3'	7.25	1000.81
GMW-4***	1010.29'	5'	10'	15'	9.70	1000.59
GMW-5***	1006.28'	5'	10'	15'	5.46	1000.82
GMW-6***	1007.57'	5'	10'	15'	7.45	1000.12
<b>GMW-7***</b>	<b>1007.39'</b>	<b>44'</b>	<b>10'</b>	<b>54'</b>	<b>17.52</b>	<b>989.87</b>
<b>GMW-8***</b>	<b>1007.68'</b>	<b>24.5'</b>	<b>10'</b>	<b>34.5'</b>	<b>13.51</b>	<b>994.17</b>
GMW-9***	1007.65'	5'	10'	15'	9.97	997.68

Notes: \* Installed by ProTech Environmental & Testing 1997.

\*\* Installed by Geocon 2001.

\*\*\* Installed by Geocon 2002.

<sup>1</sup>1.6' of free product present in well

<sup>2</sup>free product skimmer removed prior to measurement

TOC = Top of Casing

X = Degrees Longitude

Y = Degrees Latitude