



groundwater resources inc.

5400 ALDRIN CT
BAKERSFIELD, CALIFORNIA 93313

General Engineering Contractor
Class A/Haz License No. 520768

Gil Wistar
Alameda County Department
of Environmental Health
80 Swan Way, Rm. 200
Oakland, CA 94621

July 19, 1989

Re: Scotsman Corp., Dublin CA

Dear Mr. Wistar,

Pursuant to your letter dated March 28, 1989 requesting a monthly update on gradient determinations and water level data for the monitoring wells installed at the Scotsman Corp. facility, the following information has been submitted to your office for review.

Depth to groundwater measurements were recorded on July 13, 1989 and calculated to Mean Sea Level as follows:

MW-1	323.02 ft msl
MW-2	323.81 ft msl
MW-3	323.55 ft msl
MW-4	323.07 ft msl
MW-5	322.9 ft msl *
MW-6	323.11 ft msl
MW-7	323.5 ft msl *

* Wells not surveyed, depths are approximations.

Calculations indicate the direction of the groundwater gradient to be 20 degrees west of south with a slope of approximately 2.7 feet per 1000 feet (see Plate 1).

Water samples will be collected bi-monthly with the next set of samples collected next month, as per your instructions. Measurements for pH will be taken at that time to verify the anomalously low reading found during the last phase of work. Samples will be analyzed for organic constituents as before and for total dissolved solids. Tests will be performed on selected wells to establish aquifer characteristics before the next phase of work has begun.

If you have further questions please give me a call at (805) 835-7700.

Sincerely,

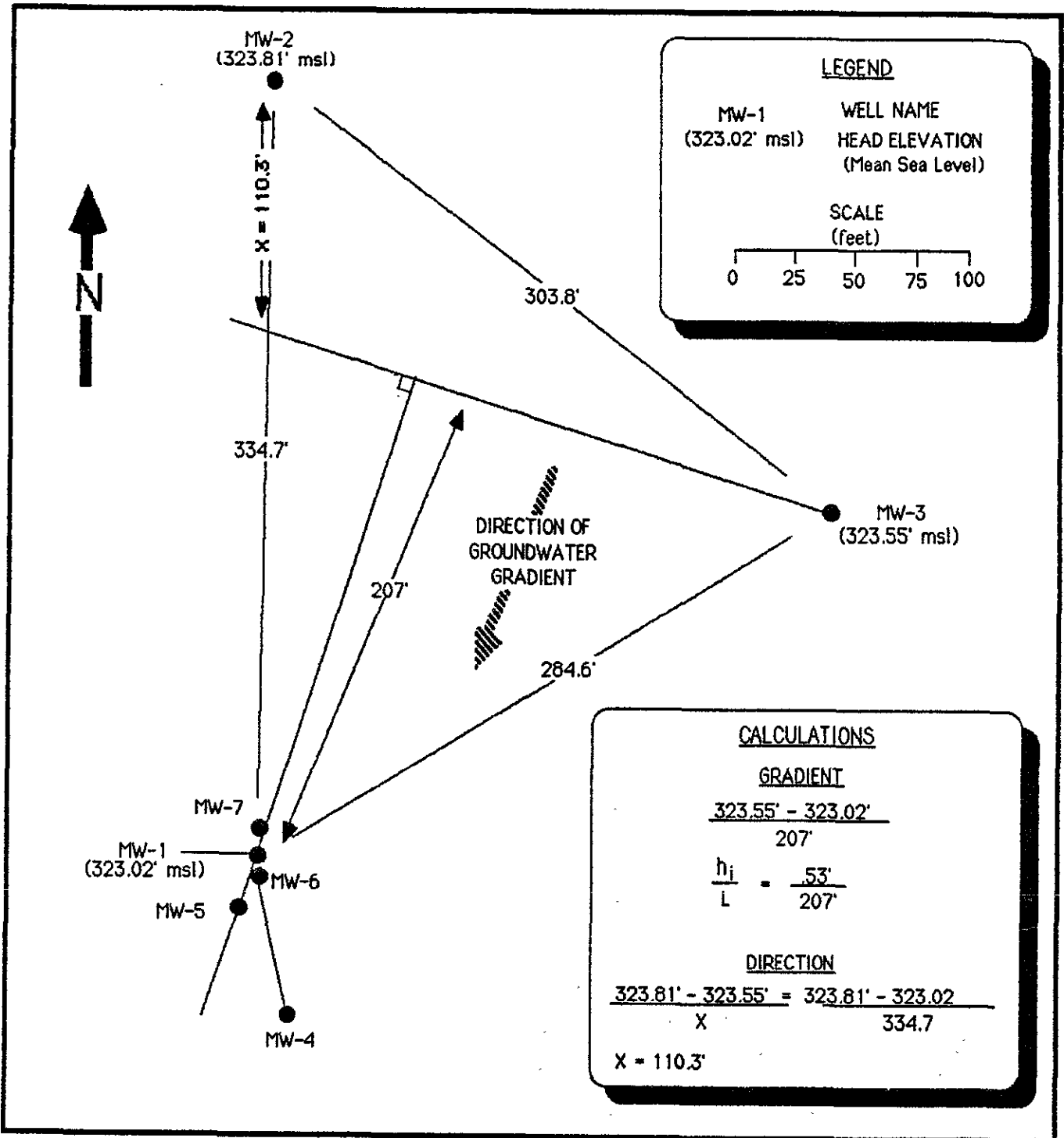
Timothy C. Reed
Project Geologist


Encl.

cc: Mr. Chris Ingram, Scotman Corporation

MAILING ADDRESS: P.O. BOX 9383, BAKERSFIELD, CA 93389
LOS ANGELES (213) 724-3147

(805) 835-7700
ALAMEDA COUNTY
ENVIRONMENTAL HEALTH
SERVICES MATERIALS




groundwater resources, inc.
 environmental/geotechnical services
 Project Number: 55018

7-19-89

SCOTSMAN CORPORATION
DUBLIN, CALIFORNIA
SHALLOW GROUNDWATER
GRADIENT MAP
JULY 13, 1989

PLATE
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