



P.O. BOX 248, 1186 LOWER RIVER ROAD, NW
CHARLESTON, TN. 37310-0248

VIA: E-MAIL and US MAIL

August 11, 2005

Mr. David Athey, PE
California Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401-5411

**Subject: Groundwater Flow Assessment, Phase II
Northeast Groundwater Sample Results
Morgan Hill, California**

Dear Mr. Athey:

Attached are the perchlorate analytical results from MACTEC's sampling of domestic wells described in the *Groundwater Flow Assessment, Northeast Groundwater Sampling Work Plan* (MACTEC, Jan 2005). Twenty-one wells were sampled in the northeast study area; none of the sampling results exceed Sequoia's practical quantitation limit of 4 µg/L. Estimated, or "J" flagged, perchlorate concentrations were detected at three location east of the Madrone Ponds.

If there are any questions regarding MACTEC's report, please do not hesitate to call me.

Sincerely,

OLIN CORPORATION

A handwritten signature in blue ink, appearing to read "Richard W. McClure".

Richard W. McClure, P.G., REM
Environmental Remediation Group

cc: Ms. Sylvia Hamilton, PCAG Chairperson
Mr. Thomas Mohr, Santa Clara Valley Water District
Ms. Beverly Vessa, Olin/Standard Fusee Repository

cc (via e-mail):

Mr. James J. Deitsch, Ph.D., GeoSyntec
Mr. Eric Gobler, RWQCB – Central Coast Region
Mr. Donald Smallbeck, MACTEC
Mr. Curt Richards, Olin



August 11, 2005

Mr. Richard McClure
Olin Corporation
PO Box 248
1186 Lower River Road, NW
Charleston, TN 37310-0248

RE: Northeast Sampling Status

Dear Mr. McClure:

MACTEC Engineering and Consulting, Inc. (MACTEC) has collected samples from wells identified in the Northeast Groundwater Sampling Work Plan (dated February 4, 2005) and discussed further with the Regional Water Quality Control Board, Central Coast, in a letter from Olin dated February 17, 2005.

Of the 23 primary and 11 secondary wells identified in the February 17, 2005 letter, access agreements were obtained for 15 primary and 7 secondary wells. Of these wells, one primary well was inaccessible and could not be sampled. Owners of 4 wells declined access for sampling. The remaining 8 wells were either not operational or not accessible.

Preliminary results for perchlorate analysis, using EPA Test Method 314.0, indicate that perchlorate was not detected in any samples at the PQL of 4.0 $\mu\text{g/L}$; however, estimated concentrations of perchlorate were measured below the PQL in samples from three wells located east of the Madrone Ponds. These results are included on Table 1 and Figure 1. Final analytical data will be provided once the validation process is complete. Sampling of the new piezometers is continuing this week and preliminary perchlorate results will be provided upon receipt from the laboratory; final analytical data will follow the validation process.

Please do not hesitate to contact me at (510) 368-4549 or at mdtaraszki@mactec.com if you have any questions regarding this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael Taraszki".

Michael Taraszki, P.G. C.Hg.
Principal Hydrogeologist

Attached: Table 1 – Summary of Preliminary Perchlorate Results
Figure 1 – Preliminary Groundwater Sample Results

cc: Mr. Donald Smallbeck

MT;kb/KB61307-OLIN

Table 1. Summary of Preliminary Perchlorate Results
 Northeast Groundwater Sampling
 Groundwater Flow Assessment, Phase II
 Olin/Standard Fusee Site, Morgan Hill, California

Well Number	Sample Date	Perchlorate Concentration (µg/L)	Status
09S03E22E004	7/27/2005	2.8 ^a	Primary
09S03E22F001	7/27/2005	ND	Primary
09S03E22Q003	7/26/2005	ND	Primary
09S03E27C010	7/27/2005	ND	Primary
09S03E27E005	8/2/2005	ND	Primary
09S03E27E007	not accessible	not accessible	Primary
09S03E27E008	8/1/2005	ND	Primary
09S03E27F006	7/27/2005	ND	Primary
09S03E27F007	7/27/2005	ND	Primary
09S03E27H004	7/27/2005	ND	Primary
09S03E27H005	7/27/2005	ND	Primary
09S03E27J009	7/28/2005	2.5 ^a	Primary
09S03E27L006	7/26/2005	ND	Primary
09S03E27M008	7/26/2005	ND	Primary
09S03E28B008	7/27/2005	ND	Primary
09S03E22F010	7/26/2005	ND	Secondary
09S03E27A006	7/26/2005	ND	Secondary
09S03E27D014	8/1/2005	ND	Secondary
09S03E27F003	7/27/2005	ND	Secondary
09S03E27F004	7/27/2005	ND	Secondary
09S03E27H001	7/27/2005	2.7 ^a	Secondary
09S03E27H006	7/26/2005	ND	Secondary

Notes:

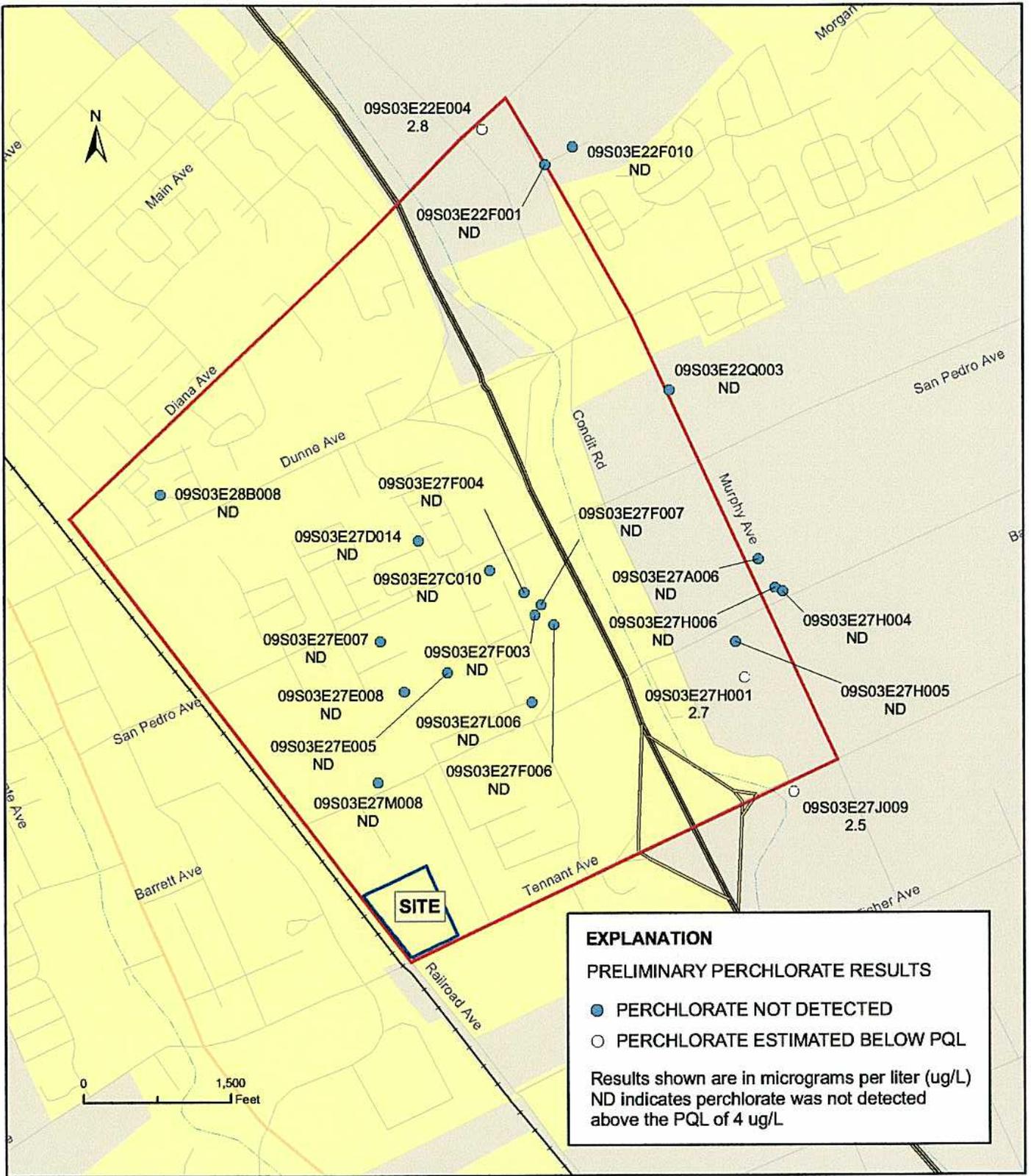
ND = not detected at or above the PQL of 4 µg/L

PQL = practical quantitation limit

µg/L = micrograms per liter

Data are preliminary; validation not yet complete.

^a estimated concentration below the PQL



NORTHWELLS-FIGURE1.MXD - 8/11/05

Preliminary Groundwater Sample Results

Groundwater Flow Assessment Phase 2
 Northeast Groundwater Sampling
 Olin/Standard Fusee Site
 Morgan Hill, California

FIGURE

1

