

Atlantic Richfield Company

Chuck Carmel
Environmental Business Manager

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1:58 pm, Aug 17, 2010

Alameda County
Environmental Health

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August 13, 2010

Re: Second Addendum Soil and Ground-Water Investigation Work Plan
Atlantic Richfield Company Station #771
899 Rincon Avenue
Livermore, California
ACEH Case RO0000200

"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct.

Submitted by,



Chuck Carmel
Environmental Business Manager

Attachment

August 13, 2010

Project No. 06-82-608

Atlantic Richfield Company
P.O. Box 1257
San Ramon, California 94583
Submitted via ENFOS

Attn.: Mr. Chuck Carmel

Re: Second Addendum Soil and Ground-Water Investigation Work Plan, Atlantic Richfield Company (a BP affiliated company) Station #771, 899 Rincon Avenue, Livermore, California. Case No. RO0000200.

Dear Mr. Carmel:

Provided herein is a revised addendum to the work plan that was submitted by Broadbent and Associates, Inc. (BAI) on April 29, 2010 titled *Addendum Soil and Ground-Water Investigation Work Plan* (herein referred to as the Addendum Work Plan). The original Work Plan titled *Initial Site Conceptual Model and Soil and Ground-Water Investigation Work Plan*, dated February 10, 2009, recommended two additional ground-water monitoring wells (MW-12 and MW-13) be installed off-site on the neighboring Livermore Shopping Center property to the south and west of Station #771 to further characterize the extent of impacted ground water. The subsequent Addendum Work Plan submitted by BAI proposed the addition of an angled soil boring (ASB-1) initiated off-site on the Shopping Center property to the south (see Drawing 2). This recommendation was in response to the directive letter issued by Alameda County Environmental Health (ACEH) on March 16, 2009.

Upon further discussions with the lawyers representing the Livermore Shopping Center and ACEH, installation of the two proposed offsite monitoring wells is not the preferred scope of work for the owner of the Shopping Center. Therefore, it is proposed to install two off-site soil borings to collect one-time soil and ground-water samples. The two proposed borings, SB-2 and SB-3, will be located in the same locations as previously recommended wells MW-12 and MW-13. A Site Location Map is provided as Drawing 1. A Site Map with Proposed Boring Locations is provided as Drawing 2. Additional soil and ground-water sampling details for SB-2 and SB-3 (including laboratory analysis) will follow what was already proposed in the original Work Plan for off-site wells MW-12 and MW-13 (BAI, 2/10/2009). Due to dense soil conditions previously observed at the Site during drilling activities, it is proposed to use a hollow-stem auger drilling method for each of the soil borings. Each boring will be continuously sampled during drilling activities in order to obtain an accurate description of the lithology at each location.

Once ACEH has approved this Second Addendum Soil and Ground-Water Investigation Work Plan, further access agreement negotiations with the Shopping Center property owner will proceed. As

discussed above, proposed soil borings SB-2 and SB-3 and angled soil boring ASB-1 are all located on the neighboring Shopping Center property. With a signed access agreement in place, BAI will execute the proposed field work. If a signed access agreement is not in place following 90 days from approval of this Second Addendum Work Plan by ACEH, further assistance with access agreement negotiations from ACEH may be requested. Upon completion of field work and receipt of the laboratory analytical report, BAI will complete a soil and ground-water investigation report for submittal to ACEH.

Should you have any questions, please do not hesitate to contact us at (530) 566-1400.

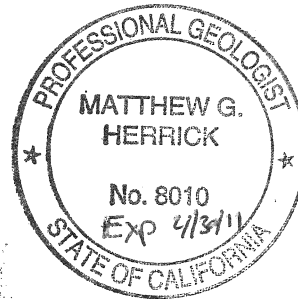
Sincerely,
BROADBENT & ASSOCIATES, INC.



Jason Duda
Project Scientist



Matthew G. Herrick, P.G., C.HG.
Senior Hydrogeologist



enclosure: Drawing 1: Site Location Map
 Drawing 2: Site Map with Proposed Boring Locations

cc: Mr. Paresh Khatri, Alameda County Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502 (Submitted via ACEH ftp Site)
 Mr. Paul M. Smith, Livermore-Pleasanton Fire Department, 3560 Nevada St., Pleasanton, CA 94566
 Mr. Chuck Headlee, RWQCB, 1515 Clay St. Suite 1400, Oakland, CA 94612 (Submitted via GeoTracker)
 GeoTracker

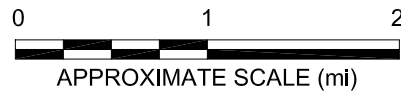
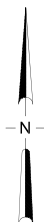
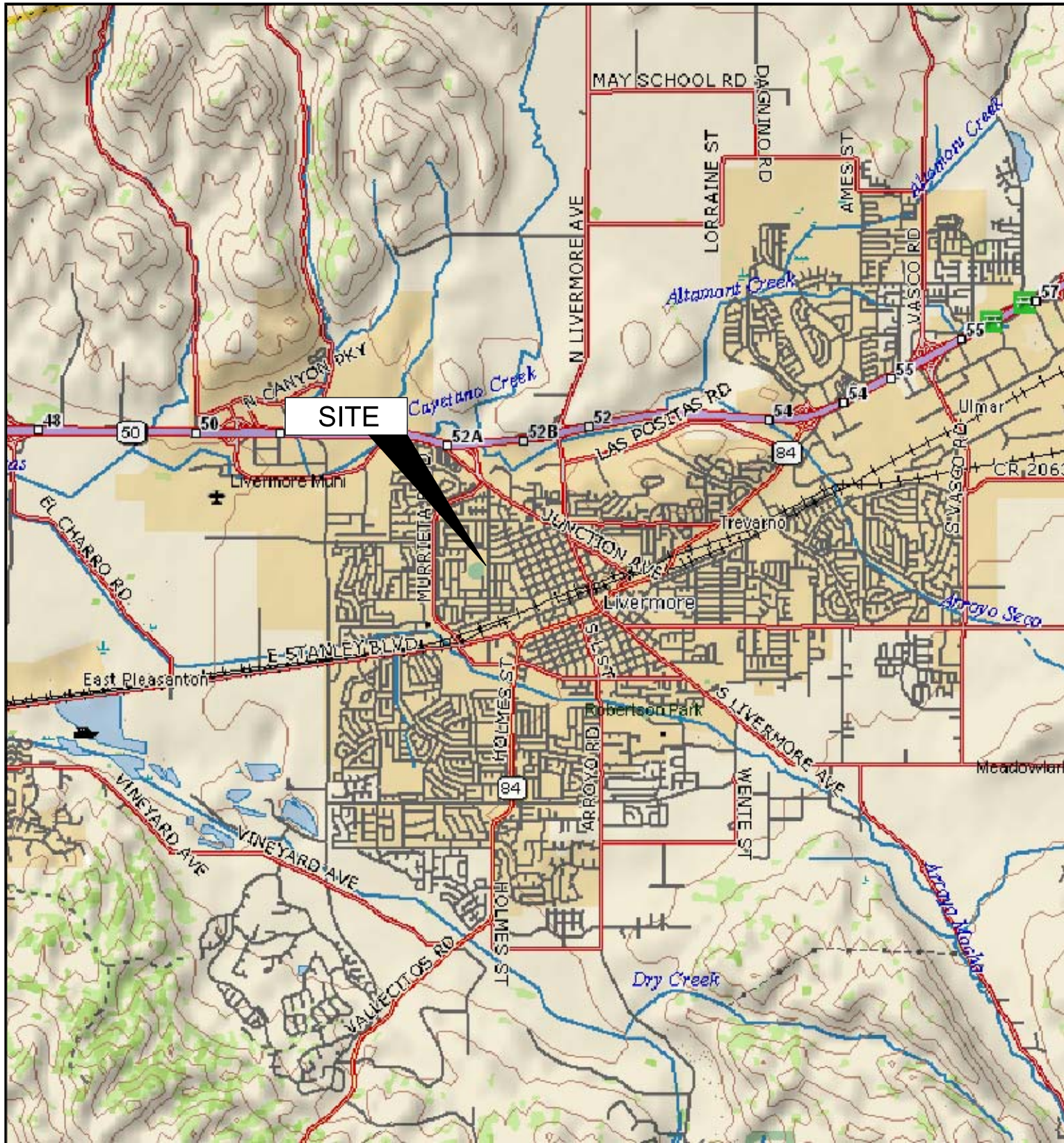
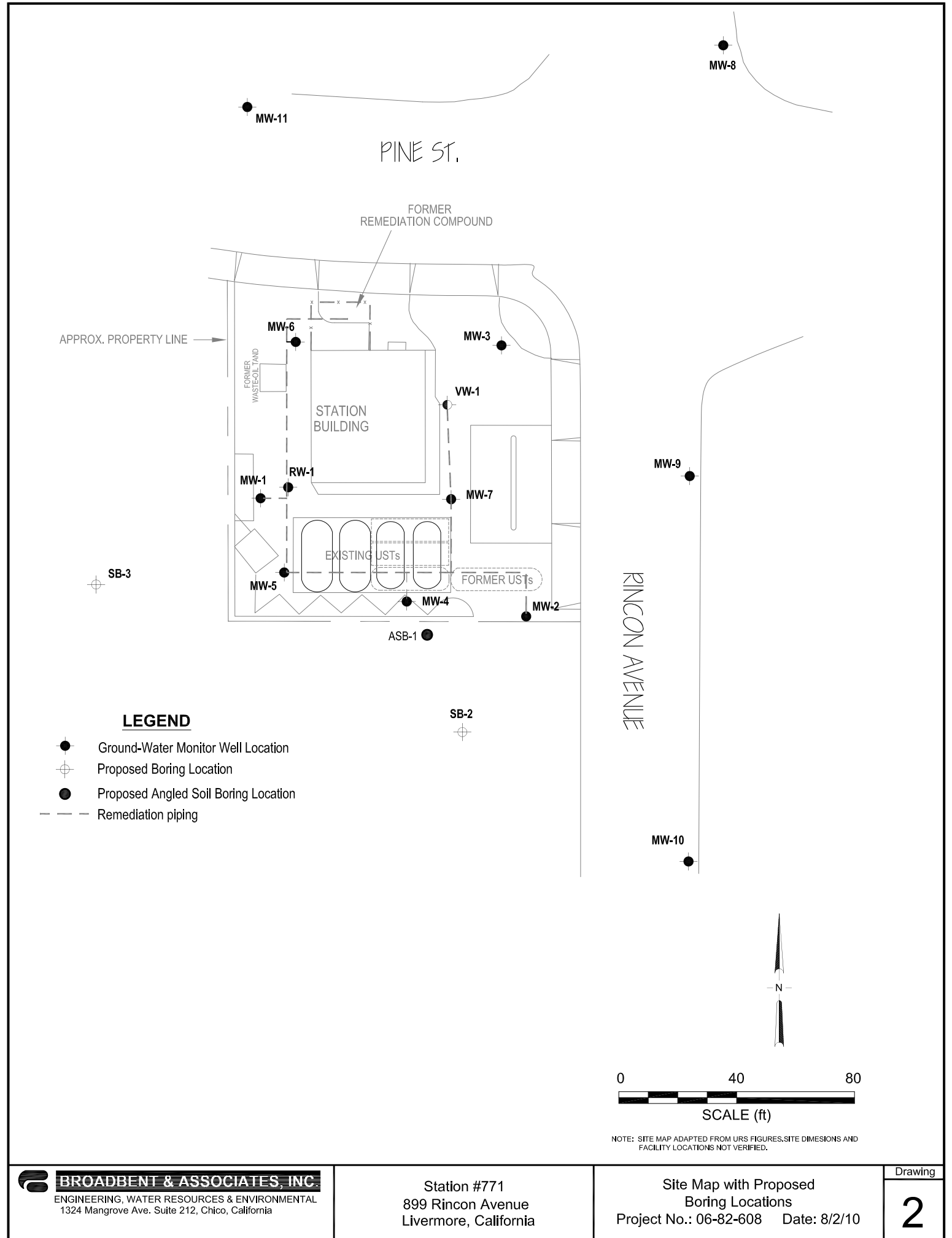
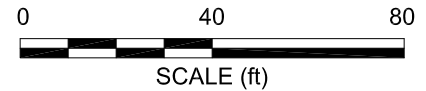


IMAGE SOURCE: DELORME



LEGEND

- Ground-Water Monitor Well Location
- ⊕ Proposed Boring Location
- Proposed Angled Soil Boring Location
- - - Remediation piping



NOTE: SITE MAP ADAPTED FROM URS FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.