

## Wickham, Jerry, Env. Health

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**From:** Douglas W. Lovell [doug\_lovell@streamborn.com]  
**Sent:** Friday, July 06, 2012 10:24 AM  
**To:** Jeffrey Eandi; Wickham, Jerry, Env. Health  
**Subject:** Notification of fieldwork on 24 July 2012 to abandon monitoring wells, former Eandi Metal Works, 2440 East Eleventh St, Oakland  
**Attachments:** Abandon 5 wells at 2440 East Eleventh St.pdf

On 24 July 2012, Streamborn will abandon five monitoring wells associated with the subject underground tank contamination site. The permitting and fieldwork will be coordinated with Alameda County and the City of Oakland. We will be onsite from approximately 8 am until approximately 6 pm. Let us know of any comments or questions.

Jeff - if you provide us the contact information for the current owner/occupant, we will forward this notice to them.

Regards

Doug

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**Table 1**  
**Procedures to Abandon/Decommission/Destroy Wells**  
**2440 East Eleventh Street**  
**Oakland CA**

There are five monitoring wells to be abandoned/decommissioned/destroyed (MW1, MW2, MW3, MW4, and MW5). The monitoring wells are 2-inch diameter SCH40 PVC, completed to depths of  $\pm 17$ -20 feet. Each well has a wellhead vault,  $\pm 12$ -inches in diameter by  $\pm 9$  inches deep. Four of the wells (MW2, MW3, MW4, and MW5) are located in parking spaces; one of the wells (MW1) is located in the sidewalk. The pavement section for the roadway has been assumed to be  $\pm 8$  inches of asphalt concrete, underlain by  $\pm 9$  inches of aggregate base. The sidewalk section has been assumed to consist of  $\pm 2$  inches of reinforced concrete, underlain by  $\pm 6$  inches of aggregate base.

The proposed abandonment/decommissioning/destruction work will consist of the following:

- A permit will be obtained from Alameda County Public Works.
- An Excavation Permit and Obstruction Permit will be obtained from the City of Oakland.
- Approximately 7 working days prior to fieldwork, the work locations will be marked in the field and cleared for buried utility according to standard 811/USA procedures.
- Approximately 72 hours before start of fieldwork, "No Parking" signs will be posted for the parking spaces that will be obstructed.
- Each well in the paved roadway (MW2, MW3, MW4, and MW5) will be abandoned/decommissioned/destroyed by:
  - Backfilling the well casing with grout. A tremie pipe will be used to place the grout. Grout = neat cement grout (one sack/94 pounds of Type 1/II cement, 6.5 gallons water).
  - The well casing will be cut off to a depth of  $\pm 17$  inches.
  - Sawcut and remove a  $\pm 20$ -inch by  $\pm 20$ -inch section of asphalt concrete pavement around each well. Break out and remove the wellhead vault. Note the thickness of the existing asphalt concrete pavement.
  - Excavate to the bottom of the existing aggregate base or to a depth of 17 inches, whichever is greater. Note the thickness of the existing aggregate base.
  - Place and compact Class II aggregate base to match the existing thickness or 9 inches, whichever is greater.
  - Apply a tack coat on the pavement sawcut and the aggregate base.
  - Repave with hot mix asphalt concrete to match the existing thickness or 8 inches, whichever is greater.
- The well in the sidewalk (MW1) will be abandoned/decommissioned/destroyed by:
  - Backfilling the well casing with grout. A tremie pipe will be used to place the grout. Grout = neat cement grout (one sack/94 pounds of Type 1/II cement, 6.5 gallons water).
  - The well casing will be cut off to a depth of  $\pm 8$  inches.
  - Sawcut and remove a  $\pm 20$ -inch by  $\pm 20$ -inch section of concrete sidewalk around the well. Break out and remove the wellhead vault. Note the thickness of the existing sidewalk.
  - Excavate to the bottom of the existing aggregate base or to a depth of 6 inches, whichever is greater. Note the thickness of the existing aggregate base.
  - Place and compact Class II aggregate base to match the existing thickness or 6 inches, whichever is greater.
  - Repave with concrete to match the existing thickness or 2 inches, whichever is greater.
- All waste materials will be disposed of offsite as municipal refuse.

Legend

 Monitoring well

Location of former 1,000-gallon underground gasoline tank

APN 19-98-5-6  
Eandi Metal Works  
2440 East Eleventh Street  
Oakland CA

Eandi Metal Works  
976 23rd Avenue  
Oakland CA

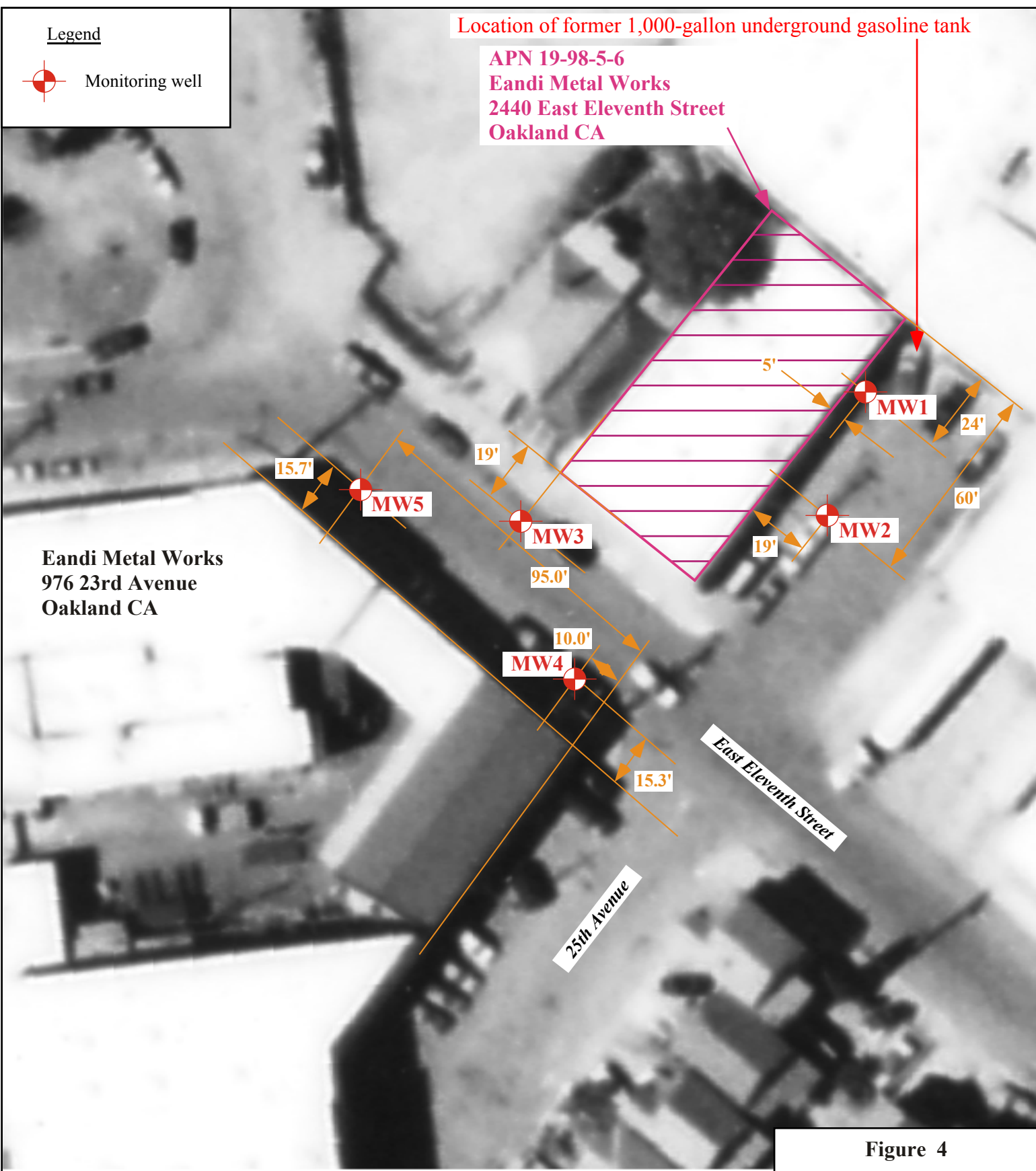
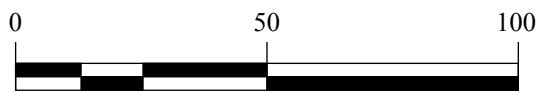


Figure 4

Dimensioned Well Locations

2440 East Eleventh Street  
Oakland CA

Basemap: Aerial photograph, flown 24 August 1998, photograph number ALA-AV-6100-11-38, original scale 1:12,000. Pacific Aerial Surveys, Oakland CA



Approximate Scale in Feet