

## Wickham, Jerry, Env. Health

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**From:** Suzanne McClurkin-Nelson [SMcClurkin-Nelson@deltaenv.com]  
**Sent:** Wednesday, June 30, 2010 12:00 PM  
**To:** Wickham, Jerry, Env. Health  
**Cc:** denis.l.brown@shell.com; Regina Bussard; William Lantz; Matt Lambert; Suzanne McClurkin-Nelson  
**Subject:** June 2010 Monthly Status Report (System Installation) - 4212 First, Pleasanton (Fuel Leak Case No. RO0000360)  
**Attachments:** Installation schedule as of 063010.pdf

Hello Jerry;

Final system design changes were completed in June following submittal of the AS pilot test report on June 7, 2010. The planning permit application package requires a Bay Area Air Quality District (BAAQMD) Authority to Construct (ATC), which is being finalized and should be issued by early July, as well as a noise survey. Local ordinance limits noise levels near residential areas to 60 decibels (dB) from 10:00 pm to 6:00 am; the limit applies to total noise, including typical street traffic noise. Delta has identified a site with similar equipment and traffic levels in southern California and is arranging to perform a noise survey at night. Once the noise survey is completed and the BAAQMD ATC received, we will re-submit our Planning Department permit application package; the turnaround for review in Planning is anticipated to be between 2 and 3 weeks. Following receipt of the planning department permit, a preliminary determination will be made as to whether the Building Department application will need to go through legal review; if so, the turnaround is anticipated to be at a minimum 3-4 weeks for the Building Department permit. It is quite likely, however, that we will not be required to go through the legal review, in which case the permit could be issued within a week. Once we have gone through the initial permitting process with the City, we will schedule installation of the remaining remediation wells and the system installation. Delta is planning on installing the remaining remediation wells (AS-1 through AS-9 and SVE-5) during the third quarter 2010.

Should we be receive all required permits by early August (BAAQMD ATC, Planning Dept. permit and Building Dept. permit), we should be able to schedule installation of the additional remediation wells and system installation in a August/September timeframe, with system shakedown and startup following within 30 days of completion, depending on the availability of our subcontractors.

A monthly status report for July 2010 will be scheduled for submittal to you no later than July 30, 2010. I've attached an updated schedule; please let me know if you have any questions or comments. Thanks!

**Suzanne McClurkin-Nelson | Senior Project Manager | North American Operations**  
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**Proposed Schedule for SVE/AS System Installation and Startup**  
 Shell-Branded Service Station  
 4226 First Street (aka 4212 First Street)  
 Pleasanton, California

| Task Description   | 2009     |          | 2010       |          |         |               |         |               |              |                |           |         |          |          |
|--|----------|----------|------------|----------|---------|---------------|---------|---------------|--------------|----------------|-----------|---------|----------|----------|
|  | November | December | January    | February | March   | April         | May     | June          | July         | August         | September | October | November | December |
| Complete engineering drawings for SVE/AS system; submit for internal review, submit to sub-contractors for bid estimates | 11/20/09 |          |            |          |         |               |         |               |              |                |           |         |          |          |
| First request to subcontractors for system installation bid  | 11/23/09 |          |            |          |         |               |         |               |              |                |           |         |          |          |
| General PG&E application submitted (power to site)   |          | 12/3/09  |            |          |         |               |         |               |              |                |           |         |          |          |
| Preliminary bids for system installation received from subcontractors  |          | 12/9/09  |            |          |         |               |         |               |              |                |           |         |          |          |
| Permit application for SVE/AS/Observation Well installations submitted   |          | 12/9/09  |            |          |         |               |         |               |              |                |           |         |          |          |
| Get revised drawings from Drafting   |          | 12/17/09 |            |          |         |               |         |               |              |                |           |         |          |          |
| Revised Bids requested from Subcontractors   |          | 12/17/09 |            |          |         |               |         |               |              |                |           |         |          |          |
| Preliminary award to subcontractor for system install  |          | 12/30/09 |            |          |         |               |         |               |              |                |           |         |          |          |
| SVE Well permit applications sent to Subcontractor for signatures  |          | 12/9/09  |            |          |         |               |         |               |              |                |           |         |          |          |
| SVE (and one AS) Well Permits granted/received   |          | 12/15/09 |            |          |         |               |         |               |              |                |           |         |          |          |
| Install four SVE wells (SVE-1 through SVE-4), observ. well (OBS-1) and a test air sparge well (SP-10)                    |          |          | 1/12-14/10 |          |         |               |         |               |              |                |           |         |          |          |
| Complete air sparge pilot testing; analytical samples submitted (5-day TAT)  |          |          | 1/26/10    |          |         |               |         |               |              |                |           |         |          |          |
| Planning permit application submitted (with drawings and other required documents); 3-4 week review anticipated          |          |          |            | 2/9/10   |         |               |         |               |              |                |           |         |          |          |
| Receive response to Planning Dept. Permit (need additional info, site photos, additional design copies)                  |          |          |            |          | 3/2/10  |               |         |               |              |                |           |         |          |          |
| BAAQMD application package for Authority to Construct submitted  |          |          |            |          | 3/10/10 |               |         |               |              |                |           |         |          |          |
| Submit additional fees to BAAQMD for ATC   |          |          |            |          |         | 4/23/10       |         |               |              |                |           |         |          |          |
| System design review/revisions based on planning department comments and air sparge result analysis                      |          |          |            |          |         | (in progress) | 5/27/10 |               |              |                |           |         |          |          |
| Planning permit application re-submitted with revisions  |          |          |            |          |         |               | 5/28/10 |               |              |                |           |         |          |          |
| Submit air sparge pilot test report  |          |          |            |          |         |               |         | 6/7/10        |              |                |           |         |          |          |
| Request risk analysis from BAAQMD  |          |          |            |          |         |               |         | 6/22/10       |              |                |           |         |          |          |
| Complete system design drawing revisions   |          |          |            |          |         |               |         | 6/24/10       |              |                |           |         |          |          |
| PG&E work (prep electrical supply for site)  |          |          |            |          |         |               |         | (in progress) |              |                |           |         |          |          |
| Conduct noise survey (per Planning Dept. request)  |          |          |            |          |         |               |         |               | (early July) |                |           |         |          |          |
| Receive ATC from BAAQMD  |          |          |            |          |         |               |         |               | (early July) |                |           |         |          |          |
| Re-submit Planning Permit Application  |          |          |            |          |         |               |         |               | (early July) |                |           |         |          |          |
| Planning permit received   |          |          |            |          |         |               |         |               | (late July)  |                |           |         |          |          |
| Building permit application submitted (with drawings and other required documentation); 10 days needed for review/issue  |          |          |            |          |         |               |         |               | (late July)  |                |           |         |          |          |
| Building Dept. finishes application review and sends comments and changes  |          |          |            |          |         |               |         |               |              | (early August) |           |         |          |          |
| Building Dept. permit application re-submitted with revisions; 7 to 10 days needed for review/issue                      |          |          |            |          |         |               |         |               |              |                |           |         |          |          |
| Building permit received   |          |          |            |          |         |               |         |               |              |                |           |         |          |          |
| Install remaining remediation wells AS-1 to AS-9 & SVE-5   |          |          |            |          |         |               |         |               |              |                |           |         |          |          |
| Schedule system installation activities  |          |          |            |          |         |               |         |               |              |                |           |         |          |          |
| System installation (currently estimated at 4 weeks)   |          |          |            |          |         |               |         |               |              |                |           |         |          |          |
| Startup notification to BAAQMD (at least 3 days prior to startup)  |          |          |            |          |         |               |         |               |              |                |           |         |          |          |
| PG&E final power hookup  |          |          |            |          |         |               |         |               |              |                |           |         |          |          |
| System shakedown, inspection, trouble-shooting   |          |          |            |          |         |               |         |               |              |                |           |         |          |          |
| System startup and sampling  |          |          |            |          |         |               |         |               |              |                |           |         |          |          |
| Begin continuous operation (assuming all compliance parameters are met)  |          |          |            |          |         |               |         |               |              |                |           |         |          |          |
| Startup report to BAAQMD & ACEH (*or as required by the ATC)   |          |          |            |          |         |               |         |               |              |                |           |         |          |          |

Please note the above calendar assumes a limited turnaround time for agency review of respective permits and applications, and will be updated as changes occur throughout the process.

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