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2:32 pm, Dec 15, 2009

Alameda County  
Environmental Health



**Shell Oil Products US**

December 14, 2009

**Re: Proposed System Installation and Startup Schedule**

Shell-Branded Service Station  
4212 (*aka* 4226) First Street  
Pleasanton, California

Dear Mr. Jerry Wickham:

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,  
Shell Oil Products US

A handwritten signature in black ink that reads "Denis L. Brown". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Denis L. Brown  
Project Manager

December 14, 2009  
Project SCA421211A  
SAP No. 135782

Jerry Wickham  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway  
Alameda, California 94502

**Re: Proposed System Installation and Startup Schedule**

Shell-branded Service Station  
4226 First Street (*aka* 4212)  
Pleasanton, California

Dear Mr. Wickham,



On behalf of Shell Oil Products US (Shell), Delta Consultants, Inc. (Delta) has prepared this proposed schedule for the installation and startup of a Soil Vapor Extraction (SVE) and Air Sparge (AS) system at the site referenced above. Tasks completed to date and proposed (in italics) for the remainder of 2009 and 2010 are itemized chronologically; please note that the schedule will be updated as we progress toward completion of all prefield requirements and a hard date is established for the system installation. Installation of the SVE wells, an observation well, and a test AS well are currently scheduled for January 11 through 14, 2009. An AS pilot test will be conducted the following week, and a report will be issued with the results of the pilot test and any recommendations pertaining to the number and placement of proposed AS wells as noted in the system design drawings. Delta proposes sending monthly progress reports with updates and revisions to the proposed schedule by the end of each month, beginning January 29, 2010.

Based on current projections, Delta estimates that the system can be installed by the end of April, with system shakedown, troubleshooting, and startup activities to be completed in the two weeks following installation. A startup report will be submitted to the Bay Area Air Quality Management District (BAAQMD) and Alameda County Environmental Health (ACEH) by June 4, 2010, or as required by the BAAQMD Authority to Construct (ATC), assuming all prefield and system installation tasks are completed within the constraints of the current time frame. You can contact Suzanne McClurkin-Nelson (Delta) at (408) 826-1875 or Denis Brown (Shell) at (707) 865-0251 with any questions or comments.

Sincerely,  
**Delta Consultants, Inc.**

A handwritten signature in black ink, appearing to read "Suzanne McClurkin-Nelson".

Suzanne McClurkin-Nelson  
Senior Project Manager

cc: Mr. Denis Brown, Shell Oil Products US



**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
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		12/15/09						
Revised Bids requested from Subcontractors		12/15/09						
Revised Bids returned from Subcontractors		12/21/09						
Well permit application sent to Subcontractor for signatures		12/22/09						
Well Permits granted		12/30/09						
Planning permit application submitted (with drawings and other required documents); 3-4 week review anticipated		12/31/09						
BAAQMD application package for Authority to Construct submitted		12/31/09						
SVE, air sparge and observation wells installed			1/11-14/10					
Complete air sparge pilot testing; analytical samples submitted (5-day TAT)			1/22/10					
Receive response to Planning Dept. Permit (assume comments and changes requested)			1/27/10					
Planning permit application re-submitted with revisions (if required)				2/3/10				
Planning permit received				2/10/10				
Building permit application submitted (with drawings and other required documentation); 10 days needed for review/issue				2/11/10				
Submit air sparge pilot test report				2/19/10				
Building Dept. finishes application review and sends comments and changes				2/25/10				
PG&E work (prep electrical supply for site)				2/25/10				

**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
Receive fee schedule for ATC from BAAQMD and submit fees				2/25/10				
Building Dept. permit application re-submitted with revisions; 7 to 10 days needed for review/issue					3/5/10			
Building permit received					3/19/10			
Receive ATC from BAAQMD					3/26/10			
Schedule system installation activities					3/26/10			
Remaining air sparge wells installed					3/26/10			
System installation (currently estimated at 4 weeks)						4/30/10		
Startup notification to BAAQMD (at least 3 days prior to startup)							5/6/10	
PG&E final power hookup							5/12/10	
System shakedown, inspection, trouble-shooting							5/12/10	
System startup and sampling							5/14/10	
Begin continuous operation (assuming all compliance parameters are met)							5/14/10	
Startup report to BAAQMD & ACEH (*or as required by the ATC)								6/4/10*

*Please note the above calendar assumes a limited turnaround time for agency review of respective permits and applications, and will be updated as*