



3164 Gold Camp Drive
Suite 200
Rancho Cordova, CA 95670-6021
U.S.A.
916:638-2085
FAX: 916:638-8385

October 17, 2001

OCT 19 2001

Date	SPH thickness
Aug 16 2001	1.75 feet
Oct 2, 2001	0.07

Ms. Eva Chu
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: *Interim Corrective Action*
Former Chevron Service Station #9-1153
3126 Fernside Boulevard, Alameda, California

Dear Ms. Chu,

Delta Environmental Consultants, Inc. (Delta), has been authorized by Chevron Products Company (Chevron) to perform interim corrective action (ICA) at the above referenced site. This activity was conducted as part of the implementation of Delta's *Workplan for Interim Corrective Action at Former Chevron Service Station #9-1153*, dated June 25, 2001. Alameda County Health Care Services (ACHCS) approved the workplan in an email dated July 9, 2001 (attached). The objectives of Interim Corrective Action (ICA) are to remove and mobilize separate phase hydrocarbons (SPH) and to extract impacted groundwater and vapor phase hydrocarbons from well C-1. The location of the site and surrounding properties are shown on Figure 2.

On October 2, 2001, a Delta representative was onsite to oversee the extraction of SPH from well C-1. PSC/All Waste (PSC) was contracted by Delta to perform the extraction activities. Prior to extraction activities, SPH were measured at a thickness of 0.07 feet in well C-1. Depth-to-water (DTW) was also measured in wells C-1, C-3, MW-4 through MW-9. The DTW ranged between 3.76 to 5.99 feet below top-of-casing (TOC). During extraction activities, approximately 400 gallons of hydrocarbon-impacted groundwater were extracted. Vapor phase hydrocarbons were treated through one 250-pound (lb) granulated activated charcoal (GAC) canister and discharged to the atmosphere. Upon completion of ICA, DTW were measured ranging between 4.14 and 6.66 feet TOC. The SPH thickness and DTW groundwater measurements are presented in Table 1.

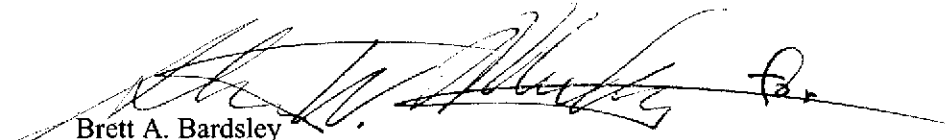
Extracted groundwater was transported as non-hazardous waste to Integrated Wastestream Management (IWM) in Milpitas, California for disposal. The GAC canister was transported by PSC and disposed of at Burlington Environmental in Kent, Washington. Copies of the Non-Hazardous Waste Shipping Paper and Uniform Hazardous Waste Manifest are attached.

Ms. Eva Chu
Alameda County Health Care Services
October 17, 2001
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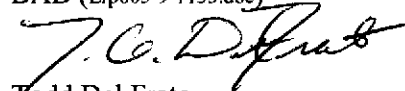
Delta will schedule another extraction event during November of 2001. Prior to next scheduled event, Delta will notify ACHCS and the property owner 48 hours in advance. If you have questions or comments regarding this letter, please contact Todd Del Frate at (916) 536-2612.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



Brett A. Bardsley
Staff Geologist
BAB (Lrp005-9-1153.doc)



Todd Del Frate
Project Manager

Attachments:

Figure 2
Table 1
Alameda County Health Care Services Email Dated July 9, 2001
Memorandum Acknowledging Bill of Lading
Uniform Hazardous Waste Manifest

cc: Tom Bauhs – Chevron Product Company
Mr. Mark Hom, 3135 Gibbons Boulevard, Alameda, California

TABLE 1

GROUNDWATER MONITORING RESULTS

Chevron Station 9-1153
3126 Fernside Boulevard
Alameda, California

Well ID	Date Measured	SPH (ft)	DTW/(T ₀) (ft)	DTW/(T ₁) (ft)	DTW/(T ₂) (ft)	DTW/(T ₃) (ft)	DTW/(T ₄) (ft)
C-1	10/2/2001	0.07	----	----	----	----	----
C-3	10/2/2001	----	4.61/(0858)	4.83/(1130)	5.01/(1212)	5.12/(1300)	5.74/(1425)
MW-4	10/2/2001	----	3.91/(0912)	4.02/(1124)	4.08/(1205)	4.24/(1307)	4.47/(1432)
MW-5	10/2/2001	----	3.76/(0915)	3.89/(1120)	3.85/(1203)	3.92/(1308)	4.14/(1434)
MW-6	10/2/2001	----	5.99/(0900)	4.96/(1127)	5.36/(1210)	5.53/(1303)	6.66/(1427)
MW-7	10/2/2001	----	5.41/(0910)	4.96/(1125)	5.11/(1207)	5.27/(1310)	5.81/(1436)
MW-8	10/2/2001	----	4.57/(0903)	4.56/(1126)	4.54/(1208)	4.54/(1305)	4.56/(1430)
MW-9	10/2/2001	Unable to Locate					
MW-10	10/2/2001	Inaccessible					

Note: This table represents DTW measurements recorded during extraction activities to evaluate vacuum influence on outlying wells

SPH = separate phase hydrocarbons

DTW = depth to water

(T₀) = initial DTW measurement

— = not applicable/not measured

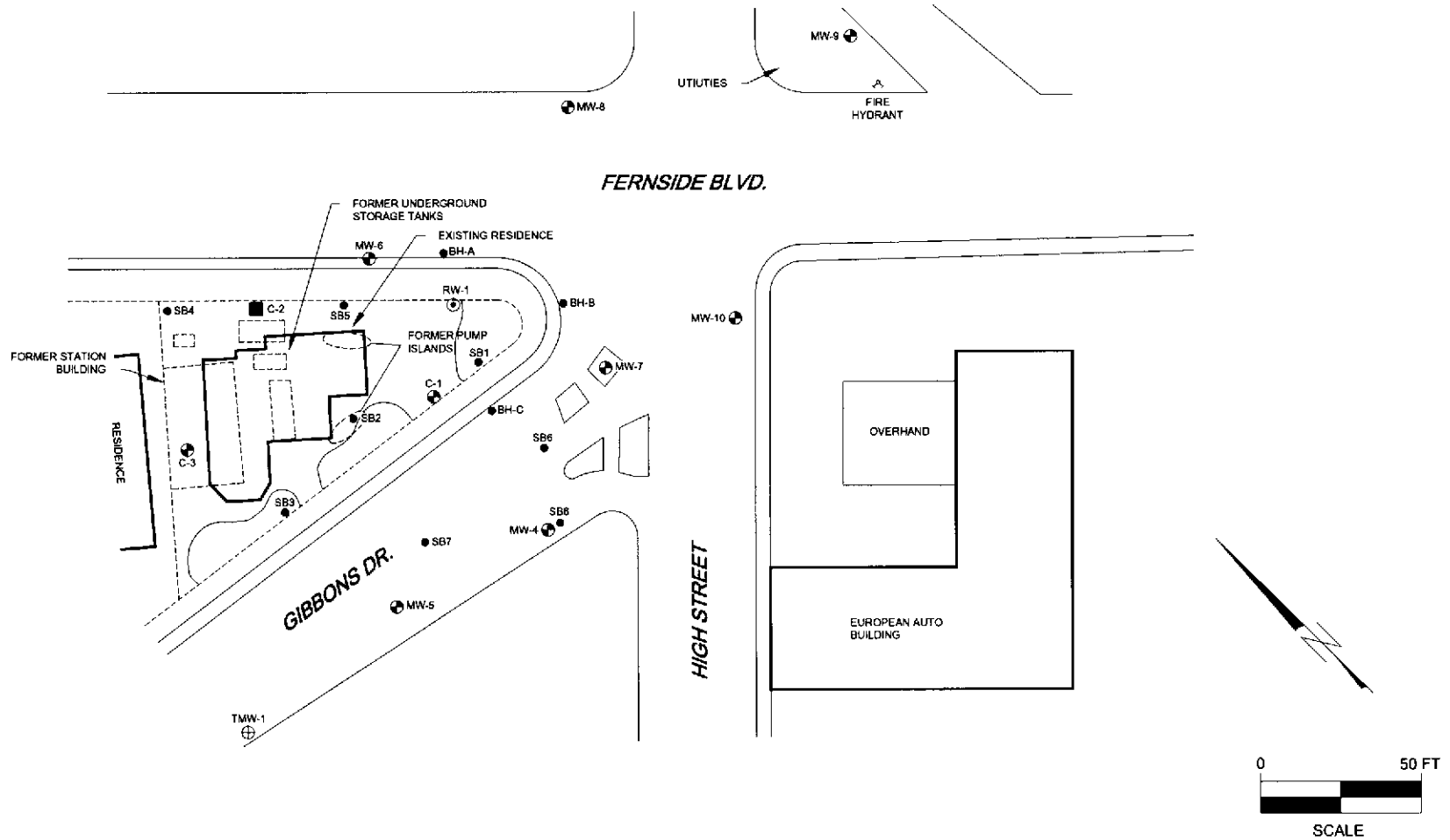


FIGURE 2
SITE MAP

CHEVRON SERVICE STATION NO. 9-1153
3126 FERNSIDE BOULEVARD
ALAMEDA, CA.

PROJECT NO. DG91-153	DRAWN BY M.L. 6/21/01
FILE NO. 9-1153 Site	PREPARED BY TAD
REVISION NO. 1	REVIEWED BY



RO0000341

July 9, 2001

Mr. Tom Bauhs
Chevron Products
P.O. Box 6004
San Ramon, CA 94583

RE: Work Plan Approval for 3126 Fernside Blvd, Alameda, CA

Dear Mr. Bauhs:

I have completed review of Delta Environmental Consultants, Inc's June 2001 *Letter Workplan for Interim Corrective Action* prepared for the above referenced site. The proposal to conduct interim corrective action at the site is acceptable. Both liquid and vapor phase hydrocarbons will be extracted from well C-1 using a vacuum truck. A minimum of five extraction events (at a maximum of four hours each event) are proposed for the year 2001.

Interim corrective action should be implement as soon as possible. Please provide 72 hours advance notice of each extraction event.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

c: Mr. and Mrs. Thompson, 3126 Fernside Blvd, Alameda, CA 94501

email: Todd Del Frate
Jim Brownell

chevron9-1153-1

20754934

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAE0000417BD		Manifest Document No. 54934		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address CHIVRON PRODUCTS 3184 GOLD CAMP DR SUITE 200 RANCHO CORDOVA, CA 95870 Generator's Phone 916 536-2612						A. State Manifest Document Number 20754934									
4. Generator's Phone						B. State Generator's ID									
5. Transporter 1 Company Name ALLWASTE TRANSPORTATION & REMEDIATION, INC				6. US EPA ID Number CAD063547996		C. State Transporter's ID [Reserved.]									
7. Transporter 2 Company Name						D. Transporter's Phone (408)883-0447									
8. US EPA ID Number						E. State Transporter's ID [Reserved.]									
9. Designated Facility Name and Site Address HURLINGTON ENVIRONMENTAL, INC. 20245 77TH AVENUE SOUTH KENT, WA 98032						G. State Facility's ID									
10. US EPA ID Number WAD991281767						H. Facility's Phone 206/872-8030									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. WASTE, CARBON, ACTIVATED, 4.2, UN1362, PG III						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number			
						0 0 1 D M		0 0 2 7 5		P		State 331 EPA/Other 0001			
b.										State					
c.										State					
d.										State					
J. Additional Descriptions for Materials Listed Above 11a 179117-00 1x55 11b 11c 11d						K. Handling Codes for Wastes Listed Above a. b. c. d.									
15. Special Handling Instructions and Additional Information 24 HOUR EMERGENCY CONTACT: ALLWASTE INC./LKE SOARES 800/321-1030 WEAR PROTECTIVE CLOTHING & EYEWEAR SITE I.D.:						E.R.G.# 11a- 133 11b. 11c. 11d.									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>				Month		Day		Year			
17. Transporter 1 Acknowledgement of Receipt of Materials PU TAGS						Printed/Typed Name Srta. S. Silva Jr		Signature <i>[Signature]</i>		Month		Day		Year	
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name		Signature		Month		Day		Year	
19. Discrepancy Indication Space															
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.															
Printed/Typed Name				Signature				Month		Day		Year			

DO NOT WRITE BELOW THIS LINE.