

03

See if Sep 30 extraction event occurred.
See when next " " will be.



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

September 20, 2001

OCT 01 2001

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 August 16, 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 1.75 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 3.40 to 5.27 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 3.5 and 4.94 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
September 20, 2001
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Delta has scheduled a second extraction event on September 30, 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

Brett A. Bardsley
Staff Geologist
BAB

(Lrp004-9-1153.doc)

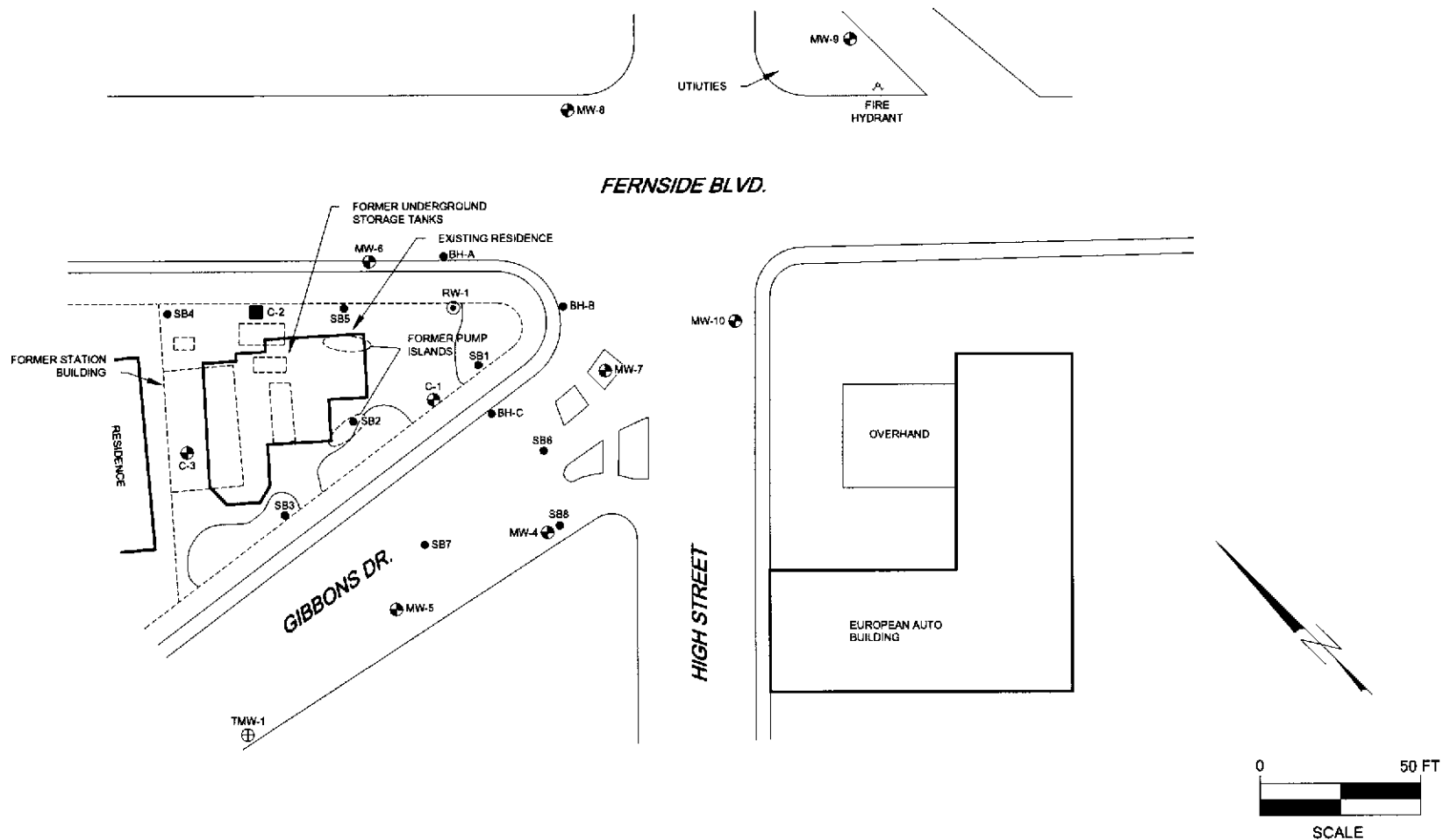
Todd Del Frate

Todd Del Frate
Project Manager

Attachments:

Figure 2
Table 1
Alameda County Health Care Services Email Dated July 9, 2001
Non Hazardous Waste Shipping Paper
Uniform Hazardous Waste Manifest

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



- LEGEND:
- ⊕ MW-4 MONITORING WELL LOCATION
 - ⊙ RW-1 EXTRACTION WELL LOCATION
 - C-2 ABANDONED WELL LOCATION
 - ⊕ TMW-1 TEMPORARY MONITORING WELL LOCATION
 - SB1 SOIL BORING LOCATION

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



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)	DTW/(T ₅) (ft)	DTW/(T ₆) (ft)	DTW/(T ₇) (ft)	DTW/(T ₈) (ft)
C-1 ¹	8/16/2001	1.75/(0904)	4.38/(0904)	6.15/(1440)	5.8/(1445)	5.44/(1450)	5.23/(1455)	5.05/(1500)	4.92/(1505)	4.72/(1510)	----
C-3	8/16/2001	----	5.38/(0909)	4.81/(1425)	----	----	----	----	----	----	----
MW-4	8/16/2001	----	3.61/(0846)	3.83/(1410)	----	----	----	----	----	----	----
MW-5	8/16/2001	----	3.4/(0848)	3.5/(1415)	----	----	----	----	----	----	----
MW-6 ²	8/16/2001	----	5.27/(0854)	4.43/(1030)	4.61/(1100)	4.70/(1130)	4.76/(1200)	4.80/(1230)	4.90/(1300)	4.92/(1330)	4.94/(1400)
MW-7 ²	8/16/2001	----	5.19/(0843)	4.68/(1030)	4.71/(1100)	4.79/(1130)	4.8/(1200)	4.84/(1230)	4.90/(1300)	4.88/(1330)	4.85/(1400)
MW-8	8/16/2001	----	3.00/(0816)	4.30/(1420)	----	----	----	----	----	----	----
MW-9	8/16/2001	Unable to Locate									
MW-10	8/16/2001	Inaccessible									

SPH = separate phase hydrocarbons

DTW = depth to water

¹ DTW measurements recorded every 5 minutes for 30 minutes after extraction activities to evaluate groundwater recharge² DTW measurements recording during extraction activities to evaluate vacuum influence on outlying wells(T₀) = initial DTW measurement

---- = not applicable/not measured

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

NON-HAZARDOUS WASTE SHIPPING PAPER

USEN 007 (12-05)

No 10543

GENERATOR	(GENERATOR MUST COMPLETE)	DESIGNATED TSD FACILITY	ALTERNATE TSD FACILITY
(AUTHORIZED TO OPERATE UNDER AN APPROVED STATE OR FEDERAL PROGRAM)			
NAME <u>Chemron Products</u>	NAME <u>IWM</u>	NAME _____	NAME _____
EPA NO. <u>040000097780</u>	EPA NO. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	EPA NO. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	EPA NO. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
GENERATOR SITE ADDRESS <u>Chemron 91557</u> <u>3135 Fernside Blvd.</u>	ADDRESS <u>950 AMES AVE.</u> <u>Milpitas, CA</u>	ADDRESS _____	ADDRESS _____
PHONE NO. <u>(916) 526-2616</u>	PHONE NO. _____	PHONE NO. _____	PHONE NO. _____

WASTE DESCRIPTION	WEIGHT OR VOLUME	UNITS	CONTAINER	
<u>Non-Hazardous Waste Liquid</u>	<u>400</u>	<u>G</u>	<input checked="" type="checkbox"/> TANK TRUCK	<input type="checkbox"/> DRUMS
			<input type="checkbox"/> DUMP TRUCK	<input type="checkbox"/> OTHER _____

PHYSICAL STATE: LIQUID SLURRY SLUDGE SOLID GAS

GENERATOR CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED MATERIALS ARE CLASSIFIED NON-HAZARDOUS

Brett Bardaley ^{Deputy for Env. Liaison}
 SIGNATURE OF AUTHORIZED AGENT & TITLE 8/16/11
 DATE SHIPPED

TRANSPORTER	(HAULER MUST COMPLETE)		
NAME <u>Allwest Transportation & Remediation Inc.</u>	NAME _____	NAME _____	NAME _____
EPA NO. <u>070063597996</u>	STATE NO. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
ADDRESS <u>San Martin, C.A.</u>	ADDRESS _____	ADDRESS _____	ADDRESS _____
PHONE NO. <u>1-800-321-1030</u>	PHONE NO. _____	PHONE NO. _____	PHONE NO. _____

SIGNATURE OF AUTHORIZED AGENT & TITLE 8/16/11
 DATE

TSD FACILITY	(OPERATOR MUST COMPLETE)	HANDLING OR DISPOSAL METHOD:	
<input type="checkbox"/> DESIGNATED TSD FACILITY <input type="checkbox"/> ALTERNATE TSD FACILITY INDICATE ANY SIGNIFICANT DISCREPANCIES BETWEEN SHIPPING PAPER AND SHIPMENT _____		<input type="checkbox"/> SURFACE IMPOUNDMENT	<input type="checkbox"/> LANDFILL
		<input type="checkbox"/> INJECTION WELL	<input type="checkbox"/> RECOVERY OR REUSE
		<input type="checkbox"/> TREATMENT (specify) _____	<input type="checkbox"/> LAND TREATMENT <input type="checkbox"/> STORAGE/TRANSFER
		SIGNATURE OF AUTHORIZED AGENT & TITLE	DATE

95179182

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. CIA1101010104117810	Manifest Document No. 71911812	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Chevron Products Mailing Address 3135 Ferroside Blvd. 3164 Gold Camp Dr. Alameda, CA 94501 Suite 200 Rancho Cordova, CA 95670		A. State Manifest Document Number 95179182		B. State Generator's ID	
4. Generator's Phone (916) 536-2602		C. State Transporter's ID		D. Transporter's Phone	
5. Transporter 1 Company Name Allwaste Transportation Remediation Inc		6. US EPA ID Number WIA1D191911218117617		E. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		F. State Transporter's ID	
9. Designated Facility Name and Site Address Burlington Environmental 20245 77th Ave South Kent WA 98032		10. US EPA ID Number		G. State Facility ID	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	
a. Waste Carbon Activated 4.2 UN 1362 PG III		No. Type 1001 DIM 1001/1001		14. Unit Wt/Vol P	
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information In case of Emergency call Bryan Mull 800-321-1030		K. Handling Codes for Wastes Listed Above		ERG 133	
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 Brett Bardsley		Signature Brett Bardsley		Month Day Year 03/16/01	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Ron A. Diaz		Signature Ron A. Diaz		Month Day Year 03/16/01	
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.