

October 17, 2001

3164 Gold Camp Drive Suite 200 Rancho Cordova, CA 95670-6021 U.S.A.

OCT 1 9 2007 Date SPH theeker.

A03 16 2001 1.75 feet

2 2001 0.07

SPH thickness

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* CAT. 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, 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 Page 2

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)

Yodd 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 _o) (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 Loc	cate				
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

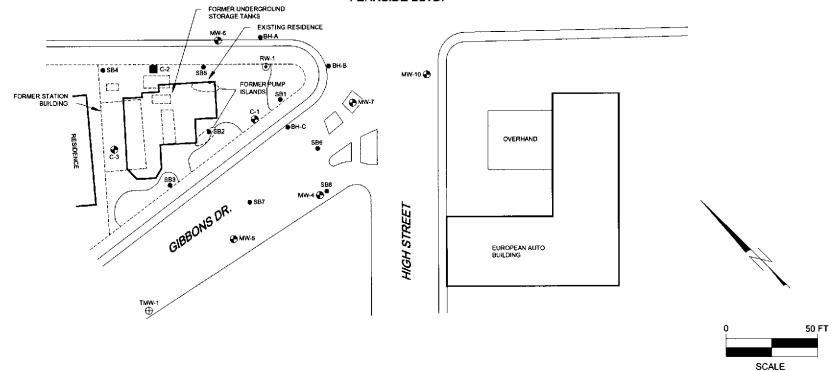
DTW = depth to water

(T_o) = initial DTW measurement

--- = not applicable/not measured



FERNSIDE BLVD.



LEGEND:

♠ MW-4
 ♠ RW-1
 ♠ C-2
 MONITORING WELL LOCATION
 ♠ EXTRACTION WELL LOCATION
 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.	DRAWN BY
DG91-	153	M.L. 6/21/01
FILE NO.		PREPARED BY
9-1153	Site	TAD
REVISION	NO.	REVIEWED BY
1		



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

Shipper No. DG91-153 is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is This Memorandum intended solely for filing or record. Carrier No. Allwaste Transportation & Remediction Fine
(Name of carrier) (SCAC) Date 10/02/01 Cherron Products tal Waste Manageme Blud 3135 Fernside State Cec Zip Code 800)321-1030 Zip Code Vehicle Route Number BASIC DESCRIPTON TOTAL QUANTITY CHARGES WEIGHT No. of Units **HM** Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203 (Weight, Valume, (Subject to RATE (For Camier & Container Type Use Only) Gallons, etc.) Correction) PLACARDS TENDERED: YES 🖂 NO 🖂 REMIT Note - (1) Where the rate is dependent on value, shippeers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding performed to the property in the property of the provisions of the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's flability shall be limited to the extent provided by such provisions. See NMFC them 172.

[3] Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See section 2(e) of them 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles. C.O.D. TO: ADDRESS I hereby declare that the contents of this I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged marked and labelled/placarded, and are in all respects in proper condition to the proper of the proper condition to the proper condition to the proper of the proper condition to the p C.O.D. FEE: COD PREPAID COLLECT Amt: \$ Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the ollowing statement: TOTAL transport according to applicable international and national governmenta CHARGES: rollowing statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. FREIGHT CHARGES Õ Signature (Signature of Consignor) RECEIVED, subject to classifications and tariffs in effect on the date of the issue of this Bill of Lacing, the property described above in apparent good-order, except as noted (contents and condition of contents of packages unknown), marked consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under contract) agrees to carry to its usual place of delivery at said destination, if is not in struct, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at arry time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing clas-sification on the date of shipment. ometives on the case of supment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns. SHIPPER PER DATE (Alt. 11/97) STYLE F165-3 Labelmaster, An American Labelmark Co., Chicago, IL 60646 800-621-5808 Permanent post-office address of shipper

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

print or type. Form designed for use on elite (12-pi	tch) typewriter.	. <u>.</u>					· s	acramento, California		
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA			Document	No. 3 14	2. Page 1 of 1		n in the shaded areas ired by Federal law.		
	\$ 200 \$670		KRNSID		A. State A	Manifest Document N	umber 2	20754934		
5. Transporter 1 Company Name ALLWASTR TRANSPORTATION & REMEDIATION INC. CAD 0 6 3 5 4 7 9 9 6					C. State Transporter's ID [Reserved.] D. Transporter's Phone (408)683-0447					
7. Transporter 2 Company Name 8. US EPA ID Number						E. State Transporter's ID [Reserved.] F. Transporter's Phone				
9. Designated Facility Name and Site Address 10. US EPA ID Number 10. US EPA ID Number						G. State Facility's ID H. Facility's Phone 206/872-8030 ntainers 13. Total 14. Unit				
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c.	· 		·			1 1 1		EPA/Other State		
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J. Additional Descriptions for Materials Listed A 11a '179117-00 / X III 11b 11c 11d	bove				K. Handli a.	ng Codes for Wastes	b.			
15. Special Handling Instructions and Additional 24 HOUR EMERGENICY CONT. WEAR PROTECTIVE CLOTH	CACT: ALLWASTR	•	SOARES	_	321-10	30	11a 11b 11c 11c). :		
16. GENERATOR'S CERTIFICATION: I hereby d marked, and labeled, and are in all respec	ts in proper condition for tr	ansport by highway a	according to a	pplicable i	nternationa	l and national gover	nment regu	lations.		
If I am a large quantity generator, I certify practicable and that I have selected the pro and the environment; OR, if I am a small of available to me and that I can afford.	acticable method of treatme	nt, storage, or dispose	al currently a	vailable to	me which i	minimizes the presen	it and tuture	threat to human health		
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Printed/Typed Name 19. Discrepancy Indication Space		Signature					Мог	nth Day Year		
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20. Facility Owner or Operator Certification of Printed/Typed Name	receipt of hazardous materi	ials covered by this ma Signature	anifest except	as noted is	n Item 19.		Moi	nth Day Year		

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