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May 14, 1996

Amy Leech Alameda County Health Care Services Agency Department of Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502

RE: Corrective Action Work Plan Addendum
Former Chevron Service Station #9-5607
5269 Crow Canyon Road

Castro Valley, California WA Job #4-1129-70

Dear Ms. Leech:

This letter addends Weiss Associates' April 1, 1996 Proposed Corrective Action Work Plan by including additional vapor and soil sample collection and analysis at the site referenced above. As we discussed during our May 10, 1996 telephone conversation, the following additional data will be collected to support the RBCA potential human health risk analysis at this site.

- Soil vapor depth profile samples will be collected from three boreholes in the
 area of greatest concern, just up gradient of the condominium complex. Vapor
 samples will be collected at approximately 3 and 8 feet below the ground
 surface and 3 feet above ground water to provide a benzene gradient profile
 for calculating the benzene vapor flux towards the surface.
- Additional soil samples will be collected and analyzed for fraction of organic carbon (FOC) using the Watley Black Method to establish the site soil FOC range. The proposed samples will be collected at between 1 to 3 feet below the surface from the same boreholes as the soil vapor depth profile samples described above.

Upon receipt of your approval we will proceed with implementing the work described above and the previously submitted corrective action plan.



We appreciate the attention and interest you have shown this case. Please feel free to call Brett Hunter of Chevron at 842-8695 or me at 450-6150 if you have questions.

Sincerely, Weiss Associates

Mike Cooke

Project Geologist

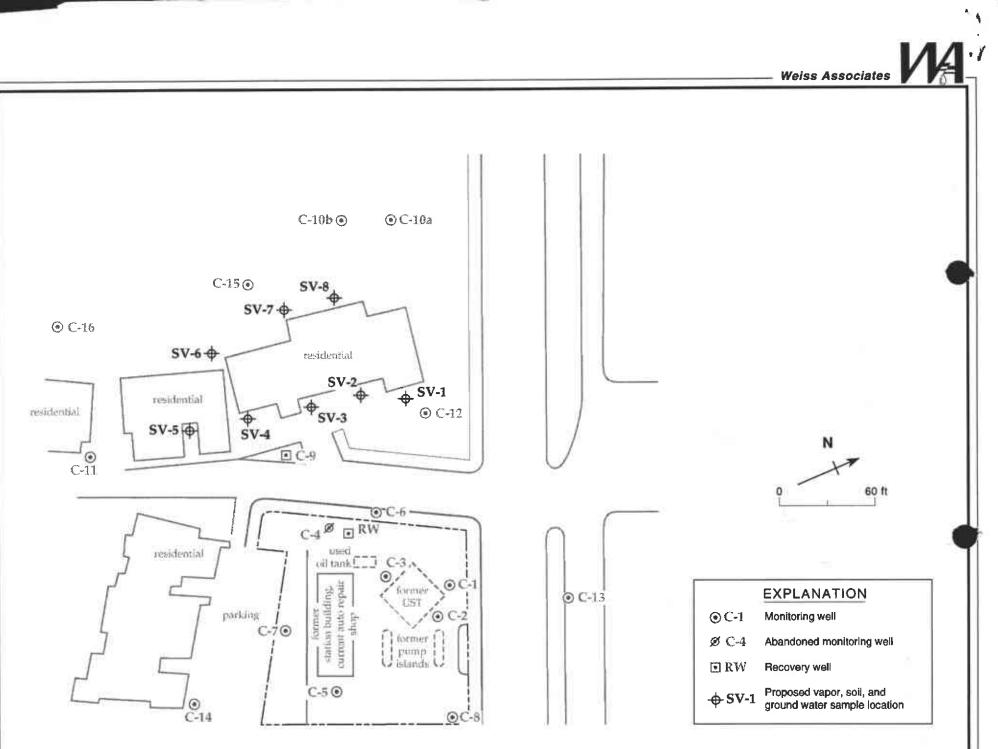
cc:

Brett Hunter, Chevron USA Products Company, P.O. Box 5004, San Ramon, CA 94583-0804 Kevin Graves, Regional Water Quality Control Board - San Francisco Bay, 2101 Webster Street, Suite 500, Oakland, California 94612

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Sample Location	VAPOR SAMPLES		WATER SAMPLES	SOIL SAMPLES			
	Sample Depths	Analysis Methods	Hydrocarbon Analysis	Hydrocarbon Sample Depth	Hydrocarbon Analysis Method	Modeling Parameter Sample Depth	Modeling Parameter Analysis Method
SV-1	3, feet bgs,	benzene by EPA Method TO-14 and O ₂ , CO ₂ , CH ₄ by ASTM Method D3416	BTEX and MTBE by EPA method 8020 (1 sample)	5, 10 feet bgs and within capillary fringe	BTEX and MTBE by EPA Method 8020	8 feet bgs	Density and Porosity by ASTM Methods D2850 and D4612 respectively
SV-2	3, 8 feet bgs, 3 feet above water table	benzene by EPA Method TO-14 and O ₂ , CO ₂ , CH ₄ by ASTM Method D3416	BTEX and MTBE by EPA method 8020 (1 sample)	5, 10 feet bgs and within capillary fringe	BTEX and MTBE by EPA Method 8020	3 feet bgs and within 10 feet of water table	Fraction of Organic Carbon by Watley Black Method
SV-3	3, 8 feet bgs, 3 feet above water table	benzene by EPA Method TO-14 and O ₂ , CO ₂ , CH ₄ by ASTM Method D3416	BTEX and MTBE by EPA method 8020 (1 sample)	5, 10 feet bgs and within capillary fringe	BTEX and MTBE by EPA Method 8020	3 feet bgs and within 10 feet of water table	Fraction of Organic Carbon by Watley Black Method
SV-4	3, 8 feet bgs, 3 feet above water table	benzene by EPA Method TO-14 and O ₂ , CO ₂ , CH ₄ by ASTM Method D3416	BTEX and MTBE by EPA method 8020 (1 sample)	5, 10 feet bgs and within capillary fringe	BTEX and MTBE by EPA Method 8020	3 feet bgs and within 10 feet of water table	Fraction of Organic Carbon by Watley Black Method
SV-5	3 feet bgs	benzene by EPA Method TO-14 and O ₂ , CO ₂ , CH ₄ by ASTM Method D3416	BTEX and MTBE by EPA method 8020 (1 sample)	5, 10 feet bgs and within capillary fringe	BTEX and MTBE by EPA Method 8020	None	None
SV-6	3 feet bgs	benzene by EPA Method TO-14 and O ₂ , CO ₂ , CH ₄ by ASTM Method D3416	BTEX and MTBE by EPA method 8020 (1 sample)	5, 10 feet bgs and within capillary fringe	BTEX and MTBE by EPA Method 8020	None	None
SV-7	3 feet bgs	benzene by EPA Method TO-14 and O ₂ , CO ₂ , CH ₄ by ASTM Method D3416	BTEX and MTBE by EPA method 8020 (1 sample)	5, 10 feet bgs and within capillary fringe	BTEX and MTBE by EPA Method 8020	None	None
SV-8	3 feet bgs	benzene by EPA Method TO-14 and O ₂ , CO ₂ , CH ₄ by ASTM Method D3416	BTEX and MTBE by EPA method 8020 (1 sample)	5, 10 feet bgs and within capillary fringe	BTEX and MTBE by EPA Method 8020	None	None

bgs = Below ground surface
BTEX = Benzene, toluene, ethylbenzene and xylenes.

O₂ = Oxygen CO₂ = Carbon dioxide CH₄ = Methane

Vapor, Soil, Ground Water Sample Locations and Analytical Methods - Chevron Station 9-5607, 5269 Crow Canyon Road, Castro Valley, California Figure 1.