



Health Care Services

Alameda County Environmental Health Meeting Sign-In Sheet

Chromex; RO0000398
1400 Park Avenue, Emeryville, CA

Tuesday, September 20, 2016
3:30 PM

NAME	COMPANY	MAILING ADDRESS	PHONE	Signature	E-MAIL
Dilan Roe	Alameda County	1131 Harbor Bay Pkwy, Suite 250 Alameda, CA 94502	(510) 567-6767	Not Present (MA)	Dilan.roe@acgov.org
Mark Detterman	Alameda County	1131 Harbor Bay Pkwy, Suite 250 Alameda, CA 94502	(510) 567-6876	Mark Detterman	mark.detterman@acgov.org
Bill LEWERSENZ	EMERYVILLE Prep LLC	3963 WOODSIDE CT LAFAYETTE CA 94549	415-793-3311	William W Lewersenz	WLEWERSENZ@AOL.COM
TONY GEISLER	EMER-VILLE PROP LLC	P.O. BOX 626 DIABLO, CA 94528-0626	925 837-4670	Tony Geisler	AWGEISLER@SBCLLOCAL.NET
Gwen Tellegen	Dudek	750 2nd ST EMERYVILLE CA 94608	949 378-8448	Gwen Tellegen	gtellegen@dudek.com

Chronology of Underground Storage Tank Case - Former Charles Lowe Facility

Activities	Date	ACHCS Activities	Analytical Results
Removal of three 550 gallon USTs with excavation of 65.29 tons of impacted soils, groundwater filled excavation at 11 feet bgs	10/23/1995	Mr. Brian Oliva was apprised of the excavation status and the planned sampling of the adjacent monitoring well MW-1	Final excavation samples found no TPH Gasoline, Diesel or Motor Oil and no BTEX
Groundwater sample collected from MW1, within 30 feet of UST Excavation	11/6/1995	Brian Oliva reviewed confirmation soil sample results and groundwater sample results and approved backfill of excavation, with proper off-site disposal with manifests	Groundwater - no BE or TPH gasoline, diesel or motor oil detected, low levels of toluene (4ug/L) and (xylenes 7.8 ug/L) below the MCLs of 150 ug/L and 1750 ug/L were detected as well as much higher concentrations of TCE and PCE from known off-site sources
Letter from ACHCS stating that 3 USTs can be closed after two more rounds of monitoring of groundwater at MW-1 for TPH gasoline, diesel, motor oil, BTEX, MTBE and if diesel is detected PAHs.	12/9/1996	Ms. Susan L. Hugo state that MW-1 is downgradient of the USTs and only it needs to be sampled to obtain closure of the USTs.	
Groundwater sampling of MW1 - MW4	12/13/1996	Recommended 1 round of GW Sampling to close UST Case	Groundwater - No BTEX detected, No MTBE detected, No TPH gasoline, Diesel or Motor Oil Detected in any wells
Groundwater sampling of MW1	3/21/1997	Received report - no comments, is 3rd round of GW sampling, ready for for UST closure	Groundwater - No BTEX detected No TPH gasoline, Diesel or Motor Oil Detected in MW1
Request for Site Closure	5/97-9/98	Request Closure Letter from Ms. Susan Hugo which was promised several times	
Letter from ACHCS Requesting Workplan for Additional Groundwater Sampling to Obtain Agency Closure	11/27/2006	Mr. Steve Plunkett Asked for groundwater sampling plan with well redevelopment and one round of groundwater sampling as path to Site closure	
Workplan for Groundwater Well Redevelopment and Sampling Submitted to ACHCSA	12/19/2006	Workplan approved by Mr. Steve Plunkett	
Groundwater well redevelopment and sampling of MW1, MW2 and MW4	1/31/2007	Results of Monitoring MW1, 2 and 4 were transmitted to Mr. Steve Plunkett. In discussions that followed, he agreed that the site was ready for closure and that he would complete this review before the end of 2007	Wells resurveyed to confirm flow direction. No BTEX, oxygenates, TPHg or TPHdiesel detected in GW
Request for Site Closure	3/07-1/08	Request Closure Letter from Mr. Steve Plunkett which was promised several times	
Letter from ACHCS stating no additional monitoring required at this time and that any future monitoring of wells should be on a semiannual or less frequent basis	7/24/2009	Letter from Mr. Mark Detterman	
Letter from ACHCS requesting Focused Site Conceptual Model and Data Gap Work Plan	5/23/2014	Letter from Mr. Mark Detterman stating the Site fails to meet low threat closure criteria requiring a SCM and a Data Gap Investigation Workplan, need for survey data on wells, closest receptor identification, soil sample analysis for vapor intrusion analysis and direct contact/outdoor air analysis	
Workplan for Underground Storage Tank Closure Prepared and submitted to ACHCS	2/9/2015		Describes the installation of 3 hand auger borings within 10 feet of former UST with samples at 3 and 5 ft bgs and just above GW. Test for TPH g and D as well as BTEX and oxygenates, collect GW from MW1 and MW2, Presents Site Conceptual Model and Closest Receptor Analysis
Letter from ACHCS Modified Approval of Data Gap Work Plan	4/8/2015	Required the collection of soil samples based on PID, discoloration and odor. Added TPH Motor Oil Analysis to soil samples and grab groundwater samples from each boring	Expressed concerns of high turbidity grab groundwater samples and how not reflective of actual groundwater conditions measured in MW1 30 feet from USTs
Report on Results of Shallow Soil Sampling and Grab Groundwater Sampling and Request for Site Closure	8/15/2015		3 hand auger borings advanced, groundwater first encountered at 9.5 feet bgs. Grab groundwater sample very turbid 378 NTU. Based on lack of BTEX in soils and groundwater and lack of TPH and BTEX in GW in MW1 - in 4 monitoring events over 11 years requested Site Closure. Grab GW has no BTEX, 130 ug/L gasoline, 0.67 mg/L diesel and 2 mg/L motor oil. Found no BTEX in soils. In soils < 7 ft bgs found only TPH Diesel (max 53 mg/kg) and Motor Oil (max 350 mg/kg) at 9.5-10 ft bgs (capillary fringe of GW) found TPG of 2-190 mg/kg, TPH D of 1400-1500 mg/kg and TPH MO of 4200-4300 mg/kg.
Letter from ACHCS requesting Additional Data Gap Work Plan	4/4/2016	Submit workplan to conduct "subsurface work plan to investigate the potential offsite risk of explosive levels of methane due to onsite residual contamination " also vapor analysis for naphthalene was also requested verbally	
Workplan for Additional Soil and Soil Vapor Sampling for Underground Storage Tank Closure Prepared and submitted to ACHCS	5/1/2016		4 soil vapor samples to be collected from 5 ft bgs in 4 locations and analyzed for methane using a GEM 2000 and by EPA Method 3 C, and 3 soil vapor samples for Naphthalene using EPA Method TO-17, soil samples collected adjacent to HA1-4' and HA3-6' for analysis of naphthalene using EPA Method 8270.
Letter from ACHCS Modified Approval of Data Gap Work Plan	6/30/2016	Requires the investigation of depth of foundation at the adjacent property and sample soil vapor for methane 5 feet below that. Requires soils to be analyzed for naphthalene from at HA1-9.5 ft and HA3-10 ft. Requires the use of helium tracer shroud rather than 1,1 difluoroethane as is standard practice	Neighboring property had UST release of own with no soil vapor testing. How do we know methane in soil vapor not a regional problem. What would finding methane at site show? Groundwater is at 9.5 ft bgs so deepest soil vapor that can be collected is 9 ft bgs. Will test methane and naphthalene in soil vapor at 5 ft bgs and 9 ft bgs in SV2, SV4 and at 5 ft bgs in SV1 and SV3. Dermal exposure route is only reason to collect soil samples if measuring soil vapor, why collect soil samples for 8270 analysis of Naphthalene at 9 feet in HA1 and HA3? Deeper samples would be in capillary fringe or saturated zone and may not represent site conditions. Will use GEM 2000 to monitor methane, oxygen and carbon dioxide as is accepted by DTSC and City's (like LA with methane ordinances)