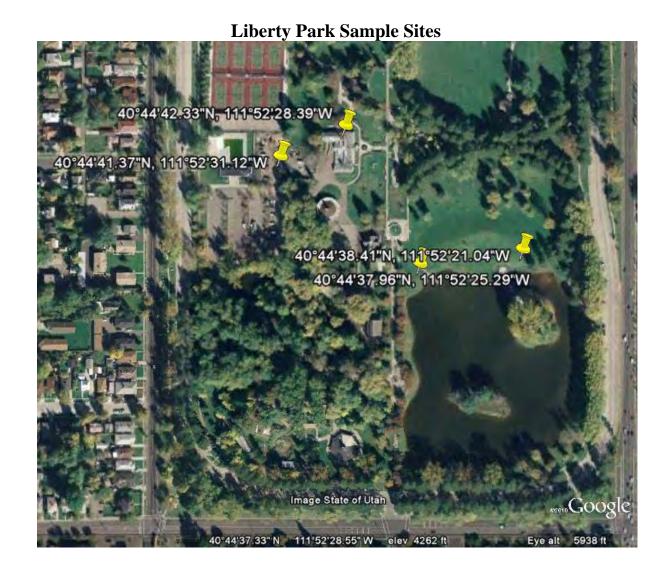
D. 4	T			Release Air Mon	1	G		
Date	Location (Time) Analy		Method	Result	GPS Location	Comment		
	Miller Park, along Red Butte Creek (1209-1230)	VOCs	PID	0.0-1.5 ppm ¹	40°44'46.37"N, 111°50'48.60"W	~20 yards from outlet from Miller Park, 10 ft above creek		
				5.9-15.4 ppm ¹	40°44'46.60"N, 111°50'46.30"W	~50 yards from outlet, on edge of creek		
				5.9-15.1 ppm ¹	40°44'47.10"N, 111°50'45.55"W	~75 yards from outlet, 2 ft above creek		
				5.0-15.1 ppm ¹	40°44'47.72"N, 111°50'43.65"W	At waterfall on bridge, 12 ft above creek		
		Hydrogen Sulfide (H ₂ S)	QRAEII	0.0 ppm^2	At all locations along Red Butte Creek at Miller Park. There were			
		Carbon Monoxide (CO)	QRAEII	0.0 ppm	workers scrubbing the creek. Chevron is planning to flush the creek. tonight.			
		Lower Explosive Limit (LEL)	QRAEII	0.0%				
		Benzene	Draegger Tube	None Detected ³	40°44'46.60"N, 111°50'46.30"W	~50 yards from outlet, on edge of creek		
6/19/10	Confluence of Jordan River and Red Butte Creek (1048-1100)	Volatile Organic Compounds (VOCs)	Photo Ionization Detector (PID)	0.0 ppm ¹				
		Hydrogen Sulfide (H ₂ S)	QRAEII	0.0 ppm^2	40°44'29.75"N, 111°55'3.68"W	At inlet to Jordan River, 3 ft from water		
		Carbon Monoxide (CO)	QRAEII	0.0 ppm	111 33 3.06 W			
		Lower Explosive Limit (LEL)	QRAEII	0.0%				
	966 Military Drive (1145-1205)	Volatile Organic Compounds (VOCs)	Photo Ionization Detector (PID)	0.0 ppm ¹				
		Hydrogen Sulfide (H ₂ S)	QRAEII	0.0 ppm^2	40°44'55.12"N, 111°50'33.14"W			
		Carbon Monoxide (CO)	QRAEII	0.0 ppm				
		Lower Explosive Limit (LEL)	QRAEII	0.0%				

¹ PID readings for VOCs are used as a screening method to determine contaminants typically associated with crude oil. If high levels of VOCs are detected, additional sampling is conducted

² 10ppm Hydrogen Sulfide (ceiling) - NIOSH recommended exposure level ³ 0.5 ppm Benzene- 29 CFR 1910.1028

Date	Location (Time)	Analyte	Method	Result	GPS Location	Comment		
		Volatile Organic Compounds	Passive Dosimeters			Two passive dosimeters were set up. One inside and one outside of the residence.		
	Garden Park Ward, 1140 Harvard (1240-1250)	Volatile Organic Compounds (VOCs)	Photo Ionization Detector (PID)	0.0 ppm ¹				
6/19/10		Hydrogen Sulfide (H ₂ S)	QRAEII	0.0 ppm ²	40°44'42.01"N, 111°51'29.60"W	At the creek's edge. There were no workers scrubbing the creek.		
		Carbon Monoxide (CO)	QRAEII	0.0 ppm	111 31 29.00 W			
		Lower Explosive Limit (LEL)	QRAEII	0.0%				
	1100 East Harvard (1250-1255)	Volatile Organic Compounds (VOCs)	Photo Ionization Detector (PID)	0.0 ppm ¹				
		Hydrogen Sulfide (H ₂ S)	QRAEII	0.0 ppm^2	40°44'42.1"N,	North of Harvard where Red Butte Creek goes underneath 1100 East		
		Carbon Monoxide (CO)	QRAEII	0.0 ppm	111°51'34.0"W			
		Lower Explosive Limit (LEL)	QRAEII	0.0%				
	Liberty Park (1110-1125)	Volatile Organic Compounds (VOCs)	Photo Ionization Detector (PID)	0.0 ppm ¹				
		Hydrogen Sulfide (H ₂ S)	QRAEII	0.0 ppm^2	In between 40°44'37.96"N, 111°52'25.29"W	Sampling along the north side of the lake. No odor was detected.		
		Carbon Monoxide (CO)	QRAEII	0.0 ppm	and 40°44'38.41"N, 111°52'21.04"W			
		Lower Explosive Limit (LEL)	QRAEII	0.0%				

Weather Conditions for:	K7PB Salt Lake City, UT (AS230)				Elev: 4615 ft; Latitude: 40.73067; Longitude: -111.82667				
Time: (MDT)	Temp. (f)	Dew	Relative	Wind	Wind	Altimeter	Station	Precip	Quality
		Point (f)	Humidity (%)	Direction	Speed (mph)	Setting (inches)	Pressure (inches)	24 hour (inches)	Control
19 Jun 12:59 pm	83	35	18	S	7G17	29.64	25.019	0.00	OK
19 Jun 12:49 pm	83	35	18	SSW	12G17	29.64	25.019	0.00	OK
19 Jun 12:39 pm	82	36	19	SE	8G17	29.64	25.019	0.00	OK
19 Jun 12:29 pm	82	33	17	SW	3G17	29.64	25.019	0.00	OK
19 Jun 12:19 pm	82	34	18	SSW	12G17	29.64	25.019	0.00	OK
19 Jun 12:09 pm	82	34	18	SSE	4G13	29.64	25.019	0.00	OK
19 Jun 11:59 am	82	34	18	SW	9G19	29.64	25.019	0.00	OK
19 Jun 11:49 am	81	34	18	SSW	7G19	29.65	25.028	0.00	OK
19 Jun 11:39 am	81	35	19	SSW	5G19	29.65	25.028	0.00	OK
19 Jun 11:29 am	81	35	19	SSW	8G19	29.65	25.028	0.00	OK
19 Jun 11:19 am	81	37	21	SSW	10G19	29.64	25.019	0.00	OK
19 Jun 11:09 am	80	33	18	SSW	13G14	29.65	25.028	0.00	OK
19 Jun 10:59 am	80	34	19	SSE	4G18	29.64	25.019	0.00	OK
19 Jun 10:49 am	80	34	19	SSE	4G18	29.64	25.019	0.00	OK
19 Jun 10:39 am	79	35	20	S	2G18	29.64	25.019	0.00	OK
19 Jun 10:29 am	79	33	19	SSW	10G18	29.64	25.019	0.00	OK







Garden Ward Sample Site at 11th East and Harvard



