

SOIL VAPOR EXTRACTION – CARBON BREAKTHROUGH MONITORING FORM

PERMIT NUMBER (S): _____

Sample Date	Sample Time	INLET CONCENTRATION: PID/FID Reading at Inlet to the Second to Last Carbon Vessel in Series (ppm, measured as hexane)	10% of INLET CONCENTRATION	MID CONCENTRATION: PID/FID Reading at Inlet to the Last Carbon Vessel in Series (ppm, measured as hexane)	Breakthrough Reached in Second to Last Carbon Vessel in Series (if MID CONCENTRATION exceeds the HIGHER OF: 10% of INLET CONCENTRATION or ≥10 ppm, measured as hexane)?	INLET CONCENTRATION: PID/FID Reading at Inlet to the Second to Last Carbon Vessel in Series (ppm, measured as hexane)	1.5% of INLET CONCENTRATION	OUTLET CONCENTRATION: PID/FID Reading at Outlet of the Last Carbon Vessel in Series (ppm, measured as hexane)	Breakthrough Reached in Last Carbon Vessel in Series (if OUTLET CONCENTRATION exceeds the HIGHER OF: 1.5% of INLET CONCENTRATION or ≥10 ppm, measured as hexane)?
		ppm	x 10% = _____ ppm	ppm	Circle one: Y/N	ppm	x 1.5% = _____ ppm	ppm	Circle one: Y/N
		ppm	x 10% = _____ ppm	ppm	Circle one: Y/N	ppm	x 1.5% = _____ ppm	ppm	Circle one: Y/N
		ppm	x 10% = _____ ppm	ppm	Circle one: Y/N	ppm	x 1.5% = _____ ppm	ppm	Circle one: Y/N
		ppm	x 10% = _____ ppm	ppm	Circle one: Y/N	ppm	x 1.5% = _____ ppm	ppm	Circle one: Y/N
		ppm	x 10% = _____ ppm	ppm	Circle one: Y/N	ppm	x 1.5% = _____ ppm	ppm	Circle one: Y/N
		ppm	x 10% = _____ ppm	ppm	Circle one: Y/N	ppm	x 1.5% = _____ ppm	ppm	Circle one: Y/N
		ppm	x 10% = _____ ppm	ppm	Circle one: Y/N	ppm	x 1.5% = _____ ppm	ppm	Circle one: Y/N
		ppm	x 10% = _____ ppm	ppm	Circle one: Y/N	ppm	x 1.5% = _____ ppm	ppm	Circle one: Y/N
		ppm	x 10% = _____ ppm	ppm	Circle one: Y/N	ppm	x 1.5% = _____ ppm	ppm	Circle one: Y/N
		ppm	x 10% = _____ ppm	ppm	Circle one: Y/N	ppm	x 1.5% = _____ ppm	ppm	Circle one: Y/N
		ppm	x 10% = _____ ppm	ppm	Circle one: Y/N	ppm	x 1.5% = _____ ppm	ppm	Circle one: Y/N