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SAMPLES ALTRA FAMIL EL (NUA)TOI



McCAMPBELL ANALYTICAL INC.

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Advanced GeoEnvironmental	Client Project ID: Former Continental	Date Sampled: 04/04/00			
4005 North Wilson Way	Volvo	Date Received: 04/04/00			
Stockton, CA 95205	Client Contact: Bill Little	Date Extracted: 04/04/00			
	Client P.O:	Date Analyzed: 04/04-04/07/00			
Carallary To Control and		<u></u>			

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030) Lab ID Client ID Ethylben-Matrix TPH(g)+ % Recovery **MTBE** Benzene Toluene **Xylenes** zene Surrogate 35567 Tank !-E S ND ND ND ND ND 109 35568 Tank 1-W S ND ND ND ND ND 112 35569 Tank2-N S ND<I ND<0.05 0.26 ND<0.08 0.42 96 35570 Tank2-S S ND<0.1 0.070 0.20 0.059 2.4 94 35571 Tank2 W ND 23 0.66 ND ND 99 35572 Tank1 SP1-2 S ND ND ND ND ND 104 Reporting Limit unless W 50 ug/L 5.0 0.5 0.5 0.5 0.5 otherwise stated; ND means not detected above S 1.0 mg/kg 0.05 0.005 the reporting limit 0.005 0.005 0.005

^{*} water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts

cluttered chromatogram; sample peak coelutes with surrogate peak

^{*}The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

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	Wilson Way	Volvo			Date Received: 04	1/04/00		
Stockton, C	A 95205	Client Co	ontact: Bill Little		Date Extracted: 0-	4/04/00		
		Client P.	O:		Date Analyzed: 04/04-04/07/0			
EDA methods r	Multi-I modified 8015, and 3550 o	Range (Ga or 3510: Calif	isoline,Diesel,Mo	otor Oil) TPH as	Diesel * GCFID(3550) or GCFI	D(3510)		
Lab ID	Client ID	Matrix	TPH(Gas) [†] (C6-C12)	TPH(Diesel) ⁺ (C10-C23)	TPH(MotorOil)° (>C18)	% Recovery Surrogate		
35567	Tank1-E	S	23	1200,a	360	105		
35568	Tank1-W	S	33	1100,a	340	96		
35569	Tank2-N	S	360	680,g,e	1500	109		
35570	Tank2-S	S	120	790,g,d	2000	110		
35571	Tank2	w	180	68,000,g,e,h)	200,000	106		
35572	Tankl SP1-2	S	5.9	390,a	100	108		
						, ,		
Reporting Limit unless otherwise		w	50 ug/L	50 ug/L	250 ug/L	direndrato y consignation or a separate success plants		
stated; ND me	eans not detected above reporting limit	s	1.0 mg/kg	1.0 mg/kg	5.0 mg/kg			

^{*} water samples are reported in ug/L, soil and sludge samples in mg/kg, wipes in ug/wipe and all TCLP / SPLP extracts in mg/L

^{*} cluttered chromatogram resulting in surrogate and sample peak coelution, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

oil-range compounds are not fully recovered by this GC methodology

^{*}The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel(stoddard solvent); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

Advanced GeoEnvironmental 4005 North Wilson Way	Client Project ID: Volvo	Former Continental	Date Sampled: 04/04/00 Date Received: 04/04/00					
Stockton, CA 95205	Client Contact: Bi	ll Little	Date Extracted	Date Extracted: 04/05-04/07/00				
	Client P.O:	······································	Date Analyzed	: 04/05-04/07/00				
	Volatile	Halocarbons	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
EPA method 601 or 8010	25560	25570	35571	Y				
Lab ID	35569	35570	355 / 1 Tank2	<u> </u>				
Client ID	Tank2 -N	Tank2 S	Tank2	<u> </u>				
Matrix	(8)	(\$)		<u> </u>				
Compound		Concentra	and the latest terminal property of the latest terminal proper					
Bromodichloromethane	ND	ND	ND	<u> </u>				
Bromoform ^(b)	ND	ND	ND	<u> </u>				
Bromomethane	ND	ND	ND					
Carbon Tetrachloride(c)	ND	ND	ND					
Chlorobenzene	45	8.4	2.2					
Chloroethane	ND	ND	ND					
2-Chloroethyl Vinyl Ether(d)	ND	ND	ND					
Chloroform (e)	ND	ND	ND					
Chloromethane	ND	ND	ND					
Dibromochloromethane	ND	ND	ND					
1,2-Dichlorobenzene	64	12	5.5					
1,3-Dichlorobenzene	8.0	ND	ND					
1,4-Dichlorobenzene	26	5.6	0.87					
Dichlorodifluoromethane	ND	ND	ND					
1,1-Dichloroethane	ND	ND	ND					
1,2-Dichloroethane	ND	ND	0.53					
1,1-Dichloroethene	ND	ND	ND					
cis 1,2-Dichloroethene	ND	ND	ND					
trans 1,2-Dichloroethene	ND	ND	ND					
1,2-Dichloropropane	ND	ND	ND					
cis 1,3-Dichloropropene	ND	ND	ND					
trans 1,3-Dichloropropene	ND	ND	ND					
Methylene Chloride(1)	ND	ND	ND					
1,1,2,2-Tetrachloroethane	ND	ND	ND					
Tetrachloroethene	ND<25	ND<25	ND					
1,1,1-Trichloroethane	ND	ND	ND					
1,1,2-Trichloroethane	ND	ND	ND					
Trichloroethene	ND	ND	ND					
Trichlorofluoromethane	ND	ND	ND					
Vinyl Chloride(s)	ND	ND	ND					
% Recovery Surrogate	99	105	100					
Comments			h	1				

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

⁽b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content.

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4005 North \	Wilson Way	Volvo						
Stockton, CA	ockton, CA 95205		Contact: Bill Little	Date Extracted: 04/04/00				
		Client	P.O:	Date Analyzed: 04	/14-04/17/00			
EPA method 60	8 and 3510 or 8080 an	Po d 3550	lychlorinated Biphenyls (PCB)					
Lab ID	Client ID	Matrix	PCB ⁺		% Recovery Surrogate			
35569	Tank2-N	s	250,c,o	PPB	105			
35570	Tank2-S	S	ND<65,j,0	PPP - 25 PPM	106			
35571	Tank2	w	ND<10,j,o,h		% Recovery Surrogate			
	 							
				·				
Reporting Limi	it unless otherwise	w	0.5 ug/L					
stated; ND means	s not detected above orting limit	S	50 ug/kg					

^{*} water and vapor samples are reported in ug/L, oils in mg/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP

/STLC extracts in ug/L.

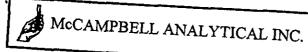
ppo ppm

ND means not detected above the reporting limit

PCB

[&]quot;surrogate diluted out of range or surrogate coelutes with another peak

^{*} PCB aroclors - the first two digits of the aroclor number convey general structural information, where 12 and 10 denote biphenyl compounds with the latter having one phenyl group that is Cl-free; the last two aroclor digits specify its Cl weight %; (a) PCB aroclor 1016; (b) PCB aroclor 1221; (c) PCB aroclor 1232; (d) PCB aroclor 1242; (e) PCB aroclor 1248; (f) PCB aroclor 1254; (g) PCB aroclor 1260; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains >-5 vol. % sediment; (j)sample diluted due to high organic content; (l) florisil (EPA 3620) cleanup; (m) silica-gel (EPA 3630) cleanup; (n) elemental sulfur (EPA 3660) cleanup; (o) sulfuric acid-permanganate (EPA 3665) cleanup.



Advanced GeoEnvironmental 4005 North Wilson Way Stockton, CA 95205			Client Project ID: Former Continental Volvo					Date Sampled: 04/04/00					
		Clien	Client Contact: Bill Little						Date Received: 04/04/00				
				Client P.O:					Date Extracted: 04/04/00				
PA analyt	cal method	s 6010/200.7,			<u>-</u>	Metals*	,		Date	Anal	yzed: 04/	/04/00	
ab ID	Client II						مـــــــــــــــــــــــــــــــــــــ						\neg
5569	Tank2-N			ction®		Chrom	ium	Lead	Nic	kel	Zinc	% Recover Surrogate	y
5570	Tank2-S			LC	ND	69		59	12	23	74	102	-
5571			TT	LC	ND	62		37	11	5	65	99	\dashv
	Tank2		TTI	C	0.0077	0.036		2.3	0.1	7	0.64	 	-
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rting Limit rwise state	ת איה	S	TTLC	0.5	mg/kg	0.5	3	.0	2.0		1.0		
ns not detected above the reporting limit		w	TTLC			0.005	0.0	05	0.05	 	05		
			STLC, TCLP		mg/L	0.05	0.	,	0.05	0.05			

^{*} water samples are reported in mg/L, soil and sludge samples in mg/kg, wipes in ug/wipe and all TCLP / STLC / SPLP extracts in mg/L

^{*}Lead is analysed using EPA method 6010 (ICP)for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

[°] EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC - CA Title 22

[©] DISTLC extractions are performed using STLC methodology except that deionized water is substituted for citric acid buffer as the extraction fluid. DISTLC results are not applicable to STLC regulatory limits.

* surrogate diluted out of range; N/A means surrogate not applicable to this analysis

^{*} reporting limit raised due to matrix interference

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA