

APPENDIX B

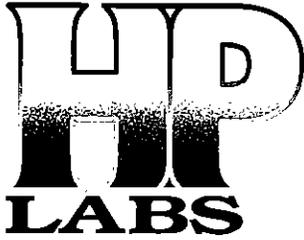
B-1 RESULTS OF SOIL VAPOR ANALYSES

B-2 CHAIN-OF-CUSTODY FORMS

**B-3 DAILY OPENING, CLOSING, AND CONTINUING
CALIBRATION VERIFICATION REPORTS**

APPENDIX B-1

RESULTS OF SOIL VAPOR ANALYSES



September 9, 2003

Mr. Jay Robinson
Geofon
22632 Golden Springs Drive
Suite 270
Diamond Bar, CA 91765

**SUBJECT: DATA REPORT – JET PROPULSION LAB – 4800 OAK GROVE DRIVE –
PASADENA, CA - GEOFON PROJECT #04-4428.10**

HP Labs Project # GF0081803-L6

Mr. Robinson:

Please find enclosed a data report for the above referenced location. Soil vapor samples were analyzed on-site in DOHS certified mobile laboratory (CERT #1561).

Project Summary

Soil vapor from 105 points was analyzed for:

- volatile halogenated hydrocarbons by EPA Method 8260
- volatile aromatic hydrocarbons (BTEX) by EPA Method 8260

The samples were received on-site in appropriate containers with appropriate labels, seals, and chain-of-custody documentation.

Project Narrative

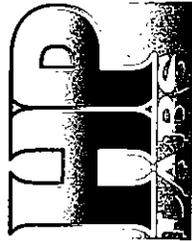
The results for all analyses and required QA/QC analyses are summarized in the enclosed tables. All calibrations, blanks, surrogates, and spike recoveries fulfill quality control criteria. No data qualifiers (flags) apply to any of the reported data.

HP Labs appreciates the opportunity to provide analytical services to Geofon on this project. If you have any questions relating to this data or report, please do not hesitate to contact us.

Sincerely,

A handwritten signature in cursive script that reads "Rebecca Johnson for".

Ms. Tamara Davis
Lab Director



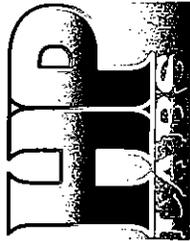
GEOFON PROJECT # 04-4428.10
 JET PROPULSION LABORATORY
 4800 OAK GROVE DRIVE
 PASADENA, CA

HP Labs Project #GF061803-L6

INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER
 VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8260) ANALYSES OF SOIL VAPOR
 SOIL VAPOR DATA IN UG/L-VAPOR

DATE	AMBIENT										DILUTION FACTOR		
	SVW5- VPB-014	SVW1- VPB-015	SVW1- VPC-016	SVW2- VPA-017	SVW3- VPB-018	SVW3- VPC-019	SVW7- VPA-020	SVW7- VPB-021	SVW4- VPB-022	SVW4-VPB- 023 Dup		SVW4- VPD-024	
08/19/03	8:25	8:51	9:15	9:39	10:03	10:27	10:50	11:15	11:39	12:03	08/19/03	08/19/03	13:16
7:54	9	21	33	10	29	40	20	35	20	20	200	200	284
--	96	144	192	100	176	220	20	20	20	20	20	20	20
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CARBON TETRACHLORIDE	1.7	nd	nd	nd	2.9	2.9	nd	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd									
CHLOROFORM	nd	nd	nd	nd									
1,1-DICHLORO ETHANE	nd	nd	nd	nd									
1,2-DICHLORO ETHANE	nd	nd	nd	nd									
1,1-DICHLORO ETHENE	nd	nd	nd	nd									
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd									
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd									
DICHLOROMETHANE	nd	nd	nd	nd									
TETRACHLORO ETHENE	nd	nd	nd	nd									
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd									
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd									
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd									
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd									
TRICHLORO ETHENE	nd	nd	nd	nd									
VINYL CHLORIDE	nd	nd	nd	nd									
TRICHLOROFLUOROMETHANE (FR11)	nd	nd	nd	nd									
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd									
1,1,2-TRICHLOROTRIFLUOROETHANE (FR13)	nd	nd	nd	nd									
BENZENE	nd	nd	nd	nd									
CHLOROBENZENE	nd	nd	nd	nd									
ETHYLBENZENE	nd	nd	nd	nd									
TOLUENE	nd	nd	nd	nd									
m&p-XYLENES	nd	nd	nd	nd									
o-XYLENE	nd	nd	nd	nd									
SURROGATES (75-125% RECOVERY)													
DIBROMODIFLUOROMETHANE	110%	103%	111%	115%	115%	115%	115%	121%	115%	119%	110%	110%	110%
1,2-DICHLOROETHANE-d4	110%	100%	107%	113%	111%	111%	110%	118%	112%	114%	105%	105%	105%
4-BROMOFLUORO BENZENE	99%	105%	103%	103%	95%	97%	94%	98%	95%	97%	97%	97%	101%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND
 ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561
 ANALYSES PERFORMED BY: MARK BURKE
 DATA REVIEWED BY: TAMARA DAVIS



GEOFON PROJECT # 04-4428.10
 JET PROPULSION LABORATORY
 4800 OAK GROVE DRIVE
 PASADENA, CA

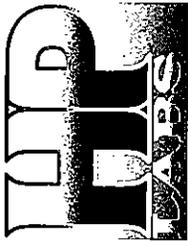
HP Labs Project #GF081803-L6

INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER
 VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8260) ANALYSES OF SOIL VAPOR
 SOIL VAPOR DATA IN UG/L-VAPOR

DATE	AMBIENT BLANK	SWW11-VPA-025	SWW32-VPB-026	SWW32-VPD-027	SWW32-VPE-028	SWW32-VPI-029	SWW32-VPJ-030	SWW14-VPA-031	SWW14-VPB-032	SWW17-VPC-033	SWW17-VPC-034 Dup	SWW8-VPD-036	SWW8-VPE-037	SWW13-VPB-038
	08/20/03	08/20/03	08/20/03	08/20/03	08/20/03	08/20/03	08/20/03	08/20/03	08/20/03	08/20/03	08/20/03	08/20/03	08/20/03	08/20/03
ANALYSIS TIME	6:58	7:48	8:17	8:40	9:04	9:29	9:53	10:17	10:41	11:05	11:29	13:25	13:49	14:13
SAMPLING DEPTH (feet)	--	20	40	70	90	180	195	5	10	36	36	70	90	20
VOLUME WITHDRAWN (cc)	--	140	220	340	420	780	840	80	100	204	264	340	420	140
VOLUME INJECTED	20	20	20	20	20	20	20	20	20	20	20	20	20	20
DILUTION FACTOR	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	3.3	2.3	nd	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd										
CHLOROFORM	nd	nd	nd	nd										
1,1-DICHLORO ETHANE	nd	nd	nd	nd										
1,2-DICHLORO ETHANE	nd	1.2	1.2	nd	nd	nd								
1,1-DICHLORO ETHENE	nd	8.7	8.7	nd	nd	nd								
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd										
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd										
DICHLOROMETHANE	nd	nd	nd	nd										
TETRACHLORO ETHENE	nd	nd	nd	nd										
1,1,1,2-TETRACHLORO ETHANE	nd	7.1	6.4	nd	nd	nd								
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd										
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd										
1,1,2-TRICHLORO ETHANE	nd	1.4	1.0	nd	nd	nd								
TRICHLORO ETHENE	nd	2.5	2.1	nd	nd	nd								
VINYL CHLORIDE	nd	nd	nd	nd										
TRICHLOROFLUOROMETHANE (FR11)	nd	nd	nd	nd										
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd										
1,1,2-TRICHLORO TRIFLUOROETHANE (FR13)	nd	nd	nd	nd										
BENZENE	nd	110	90	nd	nd	nd								
CHLOROBENZENE	nd	nd	nd	nd										
ETHYLBENZENE	nd	3.3	2.6	nd	nd	nd								
TOLUENE	nd	1.5	1.2	nd	nd	nd								
m,p-XYLENES	nd	12	9.2	nd	nd	nd								
o-XYLENE	nd	nd	nd	nd										
SURROGATES (75-125% RECOVERY)														
DIBROMODIFLUOROMETHANE	110%	105%	110%	107%	111%	114%	116%	109%	108%	88%	92%	107%	107%	108%
1,2-DICHLOROETHANE-d4	103%	104%	108%	105%	107%	112%	112%	109%	109%	85%	93%	104%	105%	106%
4-BROMOFLUORO BENZENE	104%	97%	105%	98%	99%	97%	100%	110%	107%	116%	113%	102%	104%	101%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561
 ANALYSES PERFORMED BY: MARK BURKE
 DATA REVIEWED BY: TAMARA DAVIS



GEOFON PROJECT # 04-4428.10
 JET PROPULSION LABORATORY
 4800 OAK GROVE DRIVE
 PASADENA, CA

HP Labs Project #GF081803.L6

INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER
 VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8260) ANALYSES OF SOIL VAPOR
 SOIL VAPOR DATA IN UG/L-VAPOR

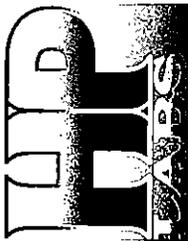
DATE	AMBIENT	SVW10- VPB-039	SVW10- VPD-040	SVW33- VPA-041	SVW33- VPB-042	SVW33- VPC-043	SVW33- VPD-044	SVW33- VPE-045	SVW33- VPF-046	SVW33- VPG-047	SVW33- VPG-048 Dup	SVW33- VPA-049	SVW33- VPB-050	SVW33- VPC-051	SVW33- VPE-052	SVW33- VPG-053	SVW33- VPA-054
08/21/03	6.57	7:35	7:58	8:23	8:47	9:11	10:24	10:00	10:48	11:12	11:36	12:44	13:07	13:31	13:55	14:19	14:42
ANALYSIS TIME																	
SAMPLING DEPTH (feet)	--	35	69	20	40	60	85	105	120	140	140	200	20	35	50	70	87
VOLUME WITHDRAWN (cc)	--	200	336	140	220	300	400	480	540	620	660	860	140	200	260	340	408
VOLUME INJECTED	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
DILUTION FACTOR	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd	7.0	nd	11	8.8	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd	nd	nd	4.4	2.5	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	1.4	2.0	2.5	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.7	1.5	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROETHANE (FR113)	nd	4.1	4.8	nd	nd	nd	nd	nd	nd	2.4	2.5	nd	1.0	1.3	1.1	nd	nd
BENZENE	nd	nd	nd	nd	nd	nd	nd	1.5	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SURROGATES (75-125% RECOVERY)																	
DIBROMODIFLUOROMETHANE	104%	106%	103%	109%	113%	116%	117%	115%	117%	119%	115%	117%	112%	118%	117%	118%	121%
1,2-DICHLOROETHANE-d4	104%	103%	98%	104%	113%	112%	113%	117%	110%	116%	112%	111%	104%	116%	115%	115%	113%
4-BROMODIFLUORO BENZENE	106%	99%	104%	104%	98%	104%	100%	100%	104%	97%	97%	98%	97%	94%	83%	97%	94%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS



GEOFON PROJECT # 04-4428.10
 JET PROPULSION LABORATORY
 4800 OAK GROVE DRIVE
 PASADENA, CA

HP Labs Project #GF081803-1.6

INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER
 VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8260) ANALYSES OF SOIL VAPOR
 SOIL VAPOR DATA IN UG/L-VAPOR

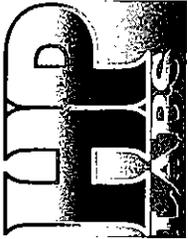
DATE	AMBIENT BLANK	SVM25- VPE-055	SVM35- VPI-056	SVM28- VPA-057	SVM28- VPD-058	SVM28- VPE-060	SVM26- VPF-061	SVM26- VPC-062	SVM26- VPH-063	SVM25- VPA-064	SVM25- VPB-065	SVM25- VPI-066	SVM25- VPJ-067
	08/22/03	08/22/03	08/22/03	08/22/03	08/22/03	08/22/03	08/22/03	08/22/03	08/22/03	08/22/03	08/22/03	08/22/03	08/22/03
ANALYSIS TIME	7:00	7:25	7:50	8:14	8:39	9:02	9:50	10:13	10:37	11:01	12:32	12:56	13:21
SAMPLING DEPTH (feet)	--	80	140	20	80	105	115	140	160	20	40	180	190
VOLUME WITHDRAWN (cc)	--	380	620	140	380	440	520	620	700	140	220	780	820
VOLUME INJECTED	20	20	20	20	20	20	20	20	20	20	20	20	20
DILUTION FACTOR	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd	2.2	1.6	nd	nd	1.4	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd	1.2	1.0	nd	nd	nd	nd
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.1	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROETHANE (FR13)	nd	nd	2.1	nd	nd	nd	1.1	nd	nd	nd	nd	nd	nd
BENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SURROGATES (75-125% RECOVERY)													
DIBROMODIFLUOROMETHANE	110%	107%	112%	114%	117%	121%	114%	120%	116%	117%	115%	115%	120%
1,2-DICHLOROETHANE-d4	105%	101%	113%	104%	111%	114%	110%	112%	110%	112%	113%	106%	118%
4 BROMOFLUORO BENZENE	100%	103%	100%	99%	97%	96%	96%	96%	96%	96%	99%	98%	97%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS



SEP 2 5 2003

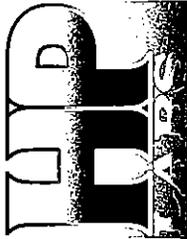
GEOFON PROJECT # 04-4428.10
 JET PROPULSION LABORATORY
 4800 OAK GROVE DRIVE
 PASADENA, CA

HP Labs Project #GF081803-L6

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 VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8260) ANALYSES OF SOIL VAPOR
 SOIL VAPOR DATA IN UG/L-VAPOR

DATE	AMBIENT	SWV36- VPA-068	SWV36- VPB-069	SWV36- VPB-069	SWV36- VPB-069	SWV36- VPA-074	SWV36- VPB-075	SWV36- VPC-076	SWV36- VPC-077	SWV36- VPC-078	SWV36- VPC-079	SWV36- VPC-080	SWV36- VPC-081	SWV36- VPC-082
08/25/03	7:55	9:04	9:29	9:53	11:06	11:29	11:54	12:18	13:25	13:49	14:14	14:38	15:01	
ANALYSIS TIME														
SAMPLING DEPTH (feet)	20	35	35	55	75	92	100	85	100	120	140	140	180	
VOLUME WITHDRAWN (cc)	20	140	200	280	360	428	200	400	460	540	620	680	780	
VOLUME INJECTED	20	20	20	20	20	20	20	20	20	20	20	20	20	
DILUTION FACTOR	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
TRICHLOROFLUOROMETHANE (FR11)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
1,1,2-TRICHLOROETHANE (FR113)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
BENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
TOLUENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
m,p-XYLENES	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
o-XYLENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
SURROGATES (75-125% RECOVERY)														
DIBROMODIFLUOROMETHANE	105%	108%	105%	110%	113%	112%	115%	114%	113%	113%	114%	113%	115%	
1,2-DICHLOROETHANE-d4	101%	103%	105%	108%	111%	108%	112%	110%	105%	109%	109%	114%	114%	
4 BROMOFLURO BENZENE	100%	101%	100%	100%	99%	94%	97%	93%	100%	92%	84%	96%	100%	

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND
 ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561
 ANALYSES PERFORMED BY: MARK BURKE
 DATA REVIEWED BY: TAMARA DAVIS



GEOFON PROJECT # 04-4428-10
 JET PROPULSION LABORATORY
 4800 OAK GROVE DRIVE
 PASADENA, CA

HP Labs Project #GF081803-L6

INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER
 VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8260) ANALYSES OF SOIL VAPOR
 SOIL VAPOR DATA IN UG/L-VAPOR

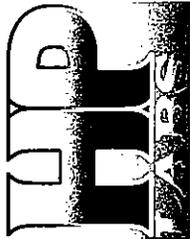
DATE	AMBIENT BLANK	SVW338- VPD-083	SVW338- VPF-084	SVW338- VPB-085	SVW337- VPB-086	SVW337- VPE-087	SVW337- VPH-088	SVW337- VPH-089 Dup	SVW337- VPI-090	SVW337- VPJ-091
ANALYSIS TIME	08/27/03	08/27/03	08/27/03	08/27/03	08/27/03	08/27/03	08/27/03	08/27/03	08/27/03	08/27/03
SAMPLING DEPTH (feet)	8:42	9:07	9:38	10:03	10:27	10:53	11:18	11:43	12:09	12:34
VOLUME WITHDRAWN (cc)	--	80	110	170	40	100	155	155	170	185
VOLUME INJECTED	20	380	500	740	220	460	680	740	740	800
DILUTION FACTOR	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	1.1	nd	nd	nd
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd	nd	nd	1.8	nd	nd	1.8	1.6	nd	nd
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROETHANE (FR113)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
BENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SURROGATES (75-125% RECOVERY)										
DIBROMODIFLUOROMETHANE	106%	108%	109%	114%	114%	120%	119%	121%	123%	124%
1,2-DICHLOROETHANE-d4	106%	119%	102%	108%	111%	115%	109%	113%	114%	117%
4-BROMOFLUORO BENZENE	103%	95%	103%	95%	94%	94%	93%	92%	94%	97%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS



GEOFON PROJECT # 04-4428.10
 JET PROPULSION LABORATORY
 4800 OAK GROVE DRIVE
 PASADENA, CA

HP Labs Project #GF081803-L6

INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER
 VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8260) ANALYSES OF SOIL VAPOR
 SOIL VAPOR DATA IN UG/L-VAPOR

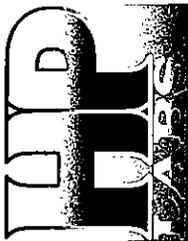
	AMBIENT									
	09/28/03	09/28/03	09/28/03	09/28/03	09/28/03	09/28/03	09/28/03	09/28/03	09/28/03	09/28/03
DATE	7:51	8:18	8:42	9:07	9:31	9:56	10:21	10:46		
ANALYSIS TIME										
SAMPLING DEPTH (feet)	--	80	80	95	20	95	100	130		
VOLUME WITHDRAWN (cc)	--	380	440	440	140	400	460	580		
VOLUME INJECTED	20	20	20	20	20	20	20	20		
DILUTION FACTOR	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	1.6	2.1	nd		
CHLOROETHANE	nd									
CHLOROFORM	nd									
1,1-DICHLORO ETHANE	nd									
1,2-DICHLORO ETHANE	nd									
1,1-DICHLORO ETHENE	nd									
CIS-1,2-DICHLORO ETHENE	nd									
TRANS-1,2-DICHLORO ETHENE	nd									
DICHLOROMETHANE	nd									
TETRACHLORO ETHENE	nd									
1,1,1,2-TETRACHLORO ETHANE	nd									
1,1,2,2-TETRACHLORO ETHANE	nd									
1,1,1-TRICHLORO ETHANE	nd									
1,1,2-TRICHLORO ETHANE	nd									
TRICHLORO ETHENE	nd									
VINYL CHLORIDE	nd	nd	nd	nd	nd	2.8	5.2	8.2		
TRICHLOROFUOROMETHANE (FR11)	nd									
DICHLORODIFLUOROMETHANE (FR12)	nd									
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd									
BENZENE	nd	nd	nd	nd	nd	26	25	1.7		
CHLOROBENZENE	nd									
ETHYLBENZENE	nd									
TOLUENE	nd									
m&p-XYLENES	nd									
o-XYLENE	nd									
SURROGATES (75-125% RECOVERY)										
DIBROMODIFLUOROMETHANE	107%	111%	105%	111%	110%	118%	116%	119%		
1,2-DICHLOROETHANE-d4	104%	105%	102%	106%	106%	110%	112%	114%		
4 BROMOFLURO BENZENE	100%	99%	100%	97%	99%	99%	94%	96%		

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS



GEOFON PROJECT # 04-4428.10
 JET PROPULSION LABORATORY
 4800 OAK GROVE DRIVE
 PASADENA, CA

HP Labs Project #GF081603-L6

INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER
 VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method #260) ANALYSES OF SOIL VAPOR
 SOIL VAPOR DATA IN UG/L-VAPOR

DATE	AMBIENT		SWW15-VPB-099		SWW15-VPC-100		SWW15-VPD-101		SWW15-VPE-102		SWW6-VPB-103		SWW6-VPB-104 Dup		SWW6-VPD-105	
	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03	08/29/03
ANALYSIS TIME	7:40	8:05	8:29	8:53	9:17	9:41	10:05	10:29								
SAMPLING DEPTH (feet)	--	40	60	75	90	40	40	77								
VOLUME WITHDRAWN (cc)	--	220	300	360	420	220	280	368								
VOLUME INJECTED	20	20	20	20	20	20	20	20								
DILUTION FACTOR	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05								
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd	nd								
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd	nd								
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd	nd								
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd								
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd								
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd								
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd								
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd								
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd	nd								
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd								
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd								
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd								
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd								
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd								
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd								
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd	nd								
TRICHLOROFLUOROMETHANE (FR11)	nd	nd	nd	nd	nd	nd	nd	nd								
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd	nd								
1,1,2-TRICHLOROETHANE (FR13)	nd	nd	nd	nd	nd	nd	nd	nd								
BENZENE	nd	nd	nd	nd	nd	nd	nd	nd								
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd	nd								
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd	nd								
TOLUENE	nd	nd	nd	nd	nd	nd	nd	nd								
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd	nd								
o-XYLENE	nd	nd	nd	nd	nd	nd	nd	nd								
SURROGATES (75-125% RECOVERY)																
DIBROMODIFLUOROMETHANE	113%	114%	110%	118%	119%	121%	118%	121%								
1,2-DICHLOROETHANE-d4	110%	109%	102%	113%	107%	114%	115%	113%								
4-BROMOFLUORO BENZENE	96%	101%	99%	101%	95%	92%	91%	96%								

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS

APPENDIX B-2

CHAIN-OF-CUSTODY FORMS



GEOFON CORPORATION
 22632 GOLDEN SPRINGS DR., SUITE 270
 DIAMOND BAR, CA 91765 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

Item	Sample Identifier	Matrix			Date	Time	Preserved	# of Cont.	OC Level	T.A.T.	Comments
		LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	PROJECT NUMBER							
1	SW12-YPA-001	909-396-7662	909-396-1455	04-4428-10	8/18/03	0835	NONE	1*	3	MAN	1* 60 cc SYRINGE
2	SW12-YPC-002	714-920-8438	N/A	N/A	0857						
3	SW31-YPA-003	909-396-7662	909-396-1455	909-396-1455	0920						
4	SW31-YPB-004	909-396-7662	909-396-1455	909-396-1455	0940						
5	SW31-YPC-005	909-396-7662	909-396-1455	909-396-1455	1005						
6	SW31-VPD-006	909-396-7662	909-396-1455	909-396-1455	1027						
7	SW31-YPE-007	909-396-7662	909-396-1455	909-396-1455	1050						
8	SW30-YPA-008	909-396-7662	909-396-1455	909-396-1455	1112						
9	SW30-YPB-009	909-396-7662	909-396-1455	909-396-1455	1134						
10	SW30-YPB-010	909-396-7662	909-396-1455	909-396-1455	1156						DUPPLICATE

COOLER TEMPERATURE UPON RECEIPT: _____
 SAMPLE'S CONDITION UPON RECEIPT: _____

RELINQUISHED BY: *[Signature]* DATE: 8-18-03 TIME: 1330
 COURIER AND AIR BILL NUMBER: _____

COOLING TEMPERATURE UPON RECEIPT: _____
 SAMPLE'S CONDITION UPON RECEIPT: _____



INCORPORATED
22632 GOLDEN SPRINGS DR., SUITE 270
DIAMOND BAR, CA 91765 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

GEOFON LAB COORDINATOR		LAB COORDINATOR'S PHONE		LAB COORDINATOR'S FAX		LABORATORY SERVICE ID		LABORATORY CONTACT		MAIL REPORT (COMPANY NAME)	
JAY ROBINSON		909-396-7662		909-396-1455		6F081808-16		MARK BUCKE		GSD FOW	
PROJECT NAME:		PROJECT LOCATION		PROJECT NUMBER		LABORATORY PHONE		LABORATORY FAX		RECIPIENT NAME	
JPL#2		ANNUAL SVI MONITORING		04-4428-10		858-793-0401		858-793-0404		JAY ROBINSON	
PROJECT CONTACT		PROJECT PHONE NUMBER		PROJECT FAX		LABORATORY ADDRESS		LABORATORY ADDRESS		ADDRESS	
JAY ROBINSON		714-920-8438		N/A		432 N. CALLOS AVE		432 N. CALLOS AVE		22632 Golden Springs Dr #270 Diamond Bar CA 91765	
PROJECT ADDRESS		CITY, STATE AND ZIPCODE		CLIENT		CITY, STATE AND ZIPCODE		CITY, STATE AND ZIPCODE		CITY, STATE AND ZIPCODE	
4800 OAK GROVE DR		PASADENA CA 91108		US NAVY SWDIV		SOLANA BEACH CA 92075		SOLANA BEACH CA 92075		DIAMOND BAR CA 91765	
PROJECT MANAGER		PROJECT MANAGER'S PHONE		PROJECT MANAGER'S FAX		PROJECT MANAGER'S FAX		PROJECT MANAGER'S FAX		PROJECT MANAGER'S FAX	
MSRAC FARMER		909-396-7662		909-396-1455		909-396-1455		909-396-1455		909-396-1455	
Item	Sample Identifier	Matrix		Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Comments	COOLER TEMPERATURE UPON RECEIPT
		Time	DATE								
1	SNW30-YPC-011	AIR	8/18/05	1318	None	1*	3	None	None	1*60 cc STIRLINGE	
2	SNW30-YPD-012			1340							
3	SNW30-YPE-013			1402							
4											
5											
6											
7											
8											
9											
10											
SAMPLES COLLECTED BY: <i>Tay M...</i>										COOLER TEMPERATURE UPON RECEIPT	
RELINQUISHED BY: <i>Tay M...</i>										SAMPLE'S CONDITION UPON RECEIPT	
										DATE	
										3-18-93	
										TIME	
										330	
										G-000	



INCORPORATED
22632 GOLDEN SPRINGS DR., SUITE 270
DIAMOND BAR, CA 91785 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

Item	Sample Identifier	Matrix			Date	Time	Preserved	# of Cont.	OC Level	T.A.T	LABORATORY SERVICE ID				Comments
		LABORATORY PHONE	LABORATORY FAX	LABORATORY ADDRESS							LABORATORY CONTACT	LABORATORY SERVICE ID	LABORATORY CONTACT	LABORATORY PHONE	
1	SYN25-VPB-014	AIR	8/19/02	0802	None	1	*	3	None	X					* 60cc SYRINGE
2	SYN21-VPB-015			0822						X					
3	SYN11-YPC-016			0846						X					
4	SYN22-YPA-017			0908						X					
5	SYN23-YPB-018			0930						X					
6	SYN23-YPC-019			0952						X					
7	SYN27-YPA-020			1017						X					
8	SYN27-VPB-021			1040						X					
9	SYN4-VPB-022			1102						X					
10	SYN4-VPB-023 DUPLICATE			1124						X					DUPLICATE

COOLER TEMPERATURE UPON RECEIPT

SAMPLE'S CONDITION UPON RECEIPT

RECEIVED BY: *[Signature]* DATE: 8-19-03 TIME: 1315

RELINQUISHED BY: *[Signature]* DATE: 6-08-02

COURIER AND AIR BILL NUMBER:



INCORPORATED
22632 GOLDEN SPRINGS DR., SUITE 270
DIAMOND BAR, CA 91765 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

GEOFON LAB COORDINATOR		LAB COORDINATOR'S PHONE		LAB COORDINATOR'S FAX		LABORATORY SERVICE ID		LABORATORY CONTACT		MAIL REPORT (COMPANY NAME)	
JAY ROBINSON		909-396-7662		909-396-1455		GF081803-16		MARK BUCKE		GEOFON TNC	
PROJECT NAME		PROJECT LOCATION		PROJECT NUMBER		LABORATORY PHONE		LABORATORY FAX		RECIPIENT NAME	
SPL # 2		ANNUAL SVS MONITORING		04-4428.10		858-793-0401		858-793-0404		JAY ROBINSON	
PROJECT CONTACT		PROJECT PHONE NUMBER		PROJECT FAX		LABORATORY ADDRESS		LABORATORY ADDRESS		ADDRESS	
JAY ROBINSON		714-920-8438		N/A		432 N. CEDROS AVE		432 N. CEDROS AVE		22632 GOLDEN SPRINGS DR	
PROJECT ADDRESS		CITY, STATE AND ZIP CODE		CLIENT		CITY, STATE AND ZIP CODE		CITY, STATE AND ZIP CODE		CITY, STATE AND ZIP CODE	
4800 OAK GROVE DR		PASADENA CA 91108		USNAVY SWDIV		SOLANA BEACH CA 92025		SOLANA BEACH CA 92025		DIAMOND BAR CA 91765	
PROJECT MANAGER		PROJECT MANAGER'S PHONE		PROJECT MANAGER'S FAX		Analyses K1018020					
MS LAC PATHEM		909-396-7662		909-396-1455							
Sample Identifier		Date		Time		# of Cont		OC Level		TAT	
1 SWY-YPD-024		AIR 8/19/03		1255		None		1*		3 Normal	
2											
3											
4											
5											
6											
7											
8											
9											
10										1* 60 cc SYRINGE	
Samples Collected By		Courier and Air Bill Number		Date		Time		Cooler Temperature Upon Receipt		Sample's Condition Upon Receipt	
[Signature]				8-19-03		1315		Good			
Relinquished By		Received By									
[Signature]		[Signature]									



INCORPORATED
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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

Item	Sample Identifier	Matrix			Date	Time	Preserved	# of Cont.	OC Level	T.A.T	LABORATORY SERVICE ID				MAIL REPORT (COMPANY NAME)
		LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	PROJECT NUMBER							LABORATORY PHONE	LABORATORY FAX	LABORATORY SERVICE ID	LABORATORY CONTACT	
1	SWW11-VPA-025	909-396-7662	909-396-1455	909-396-1455	8/20/03	0730	None	1*	3	None	GF081803-16	MARK BORKS	GEOFON INC		
2	SWW32-VPB-026	ANNUAL SITE MONITORING	04-4428-10	04-4428-10		0755					858-793-0401	858-793-0404	JAY ROBINSON		
3	SWW32-VPB-027	714-920-8438	N/A	N/A		0817					432 N. CEDROS AVE		22632 GOLDEN SPRINGS DR		
4	SWW32-VPE-028	PASADENA CA 91108	US NAVY SWD1R	US NAVY SWD1R		0840					SOLANA BEACH CA 92075		DIAMOND BAR CA 91765		
5	SWW32-VPI-029	ASRAE FANTASY	909-396-7662	909-396-1455		0902									
6	SWW32-VPJ-030					0924									
7	SWW14-VPA-031					0946									
8	SWW14-VPB-032					1008									
9	SWW17-VPC-033					1030									
10	SWW17-VPC-034 DUPLICATE					1052									
ANALYSES: 1* 60 cc SYRINGE 8/10/03											COOLER TEMPERATURE UPON RECEIPT				
SAMPLES COLLECTED BY: [Signature] RELINQUISHED BY: [Signature]											SAMPLE'S CONDITION UPON RECEIPT				
COURIER AND AIR BILL NUMBER: [Blank]											RECEIVED BY: [Signature] DATE: 8-26-03 TIME: 14:00 G-11				

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager



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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

GEOFON LAB COORDINATOR JAY ROBINSON		LAB COORDINATOR'S PHONE 909-396-7662		LAB COORDINATOR'S FAX 909-396-1455		LABORATORY SERVICE ID GFOR1803-46		LABORATORY CONTACT MARK BURKS		MAIL REPORT (COMPANY NAME) GEOFON INC	
PROJECT NAME SPL #2		PROJECT LOCATION ANALYSIS MONITORING		PROJECT NUMBER 04-4428-10		LABORATORY PHONE 858-793-0401		LABORATORY FAX 858-793-0404		RECIPIENT NAME JAY ROBINSON	
PROJECT CONTACT JAY ROBINSON		PROJECT PHONE NUMBER 714-920-8438		PROJECT FAX N/A		LABORATORY ADDRESS 432 N. CEDROS AVE		LABORATORY ADDRESS 432 N. CEDROS AVE		ADDRESS 22632 GOLDEN SPRINGS DR	
PROJECT ADDRESS 4800 OAKGROVE DR		CITY, STATE AND ZIP CODE PASADENA CA 91108		CLIENT US NAVY SWDIV		CITY, STATE AND ZIP CODE SOLANA BEACH CA 92075		CITY, STATE AND ZIP CODE SOLANA BEACH CA 92075		CITY, STATE AND ZIP CODE DIAMONDS BAR CA 91765	
PROJECT MANAGER ASLAK FAHEEM		PROJECT MANAGER'S PHONE 909-396-7662		PROJECT MANAGER'S FAX 909-396-1455		PROJECT MANAGER'S FAX		PROJECT MANAGER'S FAX		PROJECT MANAGER'S FAX	
Sample Identifier		Date		Time		Preserved		# of Cont		OC Level	
Item		Date		Time		Preserved		# of Cont		OC Level	
1	SNW8-VPC-035	8/20/03	1240	NONE	1	3	NONE				
2	SNW8-VPD-036		1302								
3	SNW8-VPE-037		1324								
4	SNW13-VPB-038		1346								
5											
6											
7											
8											
9											
10											
SAMPLES COLLECTED BY <i>[Signature]</i>		COURIER AND AIR BILL NUMBER		DATE 8-29-03		TIME 1400		COOLER TEMPERATURE UPON RECEIPT		SAMPLE'S CONDITION UPON RECEIPT	
RECEIVED BY <i>[Signature]</i>		DATE 8-29-03		TIME 1400		COOLER TEMPERATURE UPON RECEIPT		SAMPLE'S CONDITION UPON RECEIPT		Comments 1* 60 cc SYRINGE	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager



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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

GEOFON: LAB COORDINATOR		LAB COORDINATOR'S PHONE		LAB COORDINATOR'S FAX		LABORATORY SERVICE ID		LABORATORY CONTACT		MAIL REPORT (COMPANY NAME)							
J. ROBINSON		909-396-7662		909-396-1455		GFO81803-L6		MARK BURKE		GEOFON INC							
PROJECT NAME		PROJECT LOCATION		PROJECT NUMBER		LABORATORY PHONE		LABORATORY FAX		RECIPIENT NAME							
JPL #2		ANNUAL SVB MONITORING		04-4428-10		858-793-0401		858-793-0404		J. ROBINSON							
PROJECT CONTACT		PROJECT PHONE NUMBER		PROJECT FAX		LABORATORY ADDRESS		LABORATORY STATE AND ZIP CODE		ADDRESS							
J. ROBINSON		714-920-8438		N/A		432 N. CEDROS AVE		SOLANA BEACH CA 92075		22632 GOLDEN SPRINGS DR #270							
PROJECT ADDRESS		CITY, STATE AND ZIP CODE		CLIENT		LABORATORY ADDRESS		LABORATORY STATE AND ZIP CODE		CITY, STATE AND ZIP CODE							
4900 OAK GLEN DR		PASADENA CA 91108		U.S. NAVY SWDIV		SOLANA BEACH CA 92075		SOLANA BEACH CA 92075		DIAMOND BAR CA 91765							
PROJECT MANAGER		PHONE		PROJECT MANAGER'S FAX		LABORATORY ADDRESS		LABORATORY STATE AND ZIP CODE		CITY, STATE AND ZIP CODE							
ASKAR FAHEEM		909-396-7662		909-396-1455		SOLANA BEACH CA 92075		SOLANA BEACH CA 92075		DIAMOND BAR CA 91765							
Sample Identifier		Matrix		Date		Time		Preserved		# of Cont.		OC Level		TAT		Comments	
1	SNW10-VPB-039	AIR	8/21/03	0715	NONE	1*	3	NORM	X								1* 60cc SYRINGE
2	SNW10-VPD-040			0737					X								
3	SNW33-VPA-041			0800					X								
4	SNW33-VPB-042			0822					X								
5	SNW33-VPC-043			0844					X								
6	SNW33-VPD-044			0906					X								
7	SNW33-VPB-045			0928					X								
8	SNW33-VPF-046			0950					X								
9	SNW33-VPG-047			1012					X								
10	SNW33-VPG-048			1034					X								DUPLICATES

COOLER TEMPERATURE UPON RECEIPT

SAMPLE'S CONDITION UPON RECEIPT

COURIER AND AIR BILL NUMBER

RECEIVED BY

DATE

TIME

SAMPLE'S CONDITION UPON RECEIPT

8-21-03 1430 600



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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

Item	Sample Identifier	Matrix			Date	Time	Preserved	# of Cont.	OC Level	T.A.T.	LABORATORY SERVICE ID	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)
		LABORATORY ADDRESS	LABORATORY PHONE	LABORATORY FAX									
GEOFON LAB COORDINATOR: J. ROBINSON PROJECT NAME: SPL # 2 PROJECT CONTACT: J. ROBINSON PROJECT ADDRESS: 4800 OAK GROVE DR. ASHLAND, CA 95701 PROJECT PHONE NUMBER: 714-920-8438 CITY, STATE AND ZIP CODE: ASHLAND, CA 95701 PROJECT MANAGER: ASHLEIGH PANTHEBY PHONE: 909-396-7662 LAB COORDINATOR'S PHONE: 909-396-7662 PROJECT LOCATION: ANNULAR SVE MONITORING PROJECT NUMBER: 04-4428-10 PROJECT FAX: N/A LAB COORDINATOR'S FAX: 909-396-1455 CLIENT: US NAVY SWDIR PROJECT MANAGER'S FAX: 909-396-1455													
1	SNW33-VPJ-049	Asl	8/24/03	1225	NONE	1*	3	NONE			GF081803-66	MARK BURKE	GEOFON TNC
2	SNW9-VPB-050			1247									J. ROBINSON
3	SNW9-VPB-051			1310									22632 GOLDEN SPRINGS DR
4	SNW9-VPB-052			1332									DIAMOND BAR CA 91765
5	SNW9-VPD-053			1354									
6	SNW9-VPB-054			1416									
7													
8													
9													
10													
ANALYSES: RQ01 RQ20											COMMENTS: 1* 60cc SYRINGE		
SAMPLES COLLECTED BY: [Signature]											COURIER AND AIR BILL NUMBER:		
RELINQUISHED BY: [Signature]											DATE: 8-21-03		TIME: 1430
RECEIVED BY: [Signature]											SAMPLE'S CONDITION UPON RECEIPT: Good		
COOLER TEMPERATURE UPON RECEIPT:											SAMPLE'S CONDITION UPON RECEIPT:		



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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

Item	Sample Identifier	Matrix			Date	Time	Preserved	# of Cont.	QC Level	T.A.T	Analyses				Comments
		LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	PROJECT NUMBER							LABORATORY SERVICE ID	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)		
1	SMW35-VPE-055	AIR	8/27/05	0705	NONE	1*	3	NONE		X				1* 60 cc STRIKE	
2	SMW35-VPI-056			0727						X					
3	SMW28-VPA-057			0752						X					
4	SMW28-VPD-058			0814						X					
5	SMW28-VPD-059 DUPLICATE			0836						X				DUPLICATE	
6	SMW28-VPE-060			0858						X					
7	SMW26-VPF-061			0920						X					
8	SMW26-VPG-062			0942						X					
9	SMW26-VPH-063			1004						X					
10	SMW25-VPA-064			1026						X					

SAMPLES COLLECTED BY: *[Signature]* COURIER AND AIR BILL NUMBER: *[Blank]*
 RELINQUISHED BY: *[Signature]* RECEIVED BY: *[Signature]*
 DATE: 8-22-05 TIME: 1315
 COOLER TEMPERATURE UPON RECEIPT: *[Blank]*
 SAMPLE'S CONDITION UPON RECEIPT: *[Blank]*



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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

GEOFON LAB COORDINATOR		LAB COORDINATOR'S PHONE		LAB COORDINATOR'S FAX		LABORATORY SERVICE ID		LABORATORY CONTACT		MAIL REPORT (COMPANY NAME)	
J. ROBINSON		909-396-7662		909-396-1455		GFO81803-66		MARK BURKE		GEOFON INC	
PROJECT NAME:		PROJECT LOCATION		PROJECT NUMBER		LABORATORY PHONE		LABORATORY FAX		RECIPIENT NAME	
JPL #2		ANNULAR SAE MONITORING		04-4428-10		858-793-0401		858-793-0404		J. ROBINSON	
PROJECT CONTACT		PROJECT PHONE NUMBER		PROJECT FAX		LABORATORY ADDRESS		LABORATORY ADDRESS		ADDRESS	
J. ROBINSON		714-920-8438		N/A		432 N. CEDROS AVE		432 N. CEDROS AVE		#270	
PROJECT ADDRESS		CITY, STATE AND ZIP CODE		CLIENT		CITY, STATE AND ZIP CODE		CITY, STATE AND ZIP CODE		CITY, STATE AND ZIP CODE	
4800 OAK GROVE DR		PASADENA CA 91108		US NAVY SW DIV		# SOLANA BEACH CA 92075		# SOLANA BEACH CA 92075		DIAMONDBAR CA 91765	
PROJECT MANAGER		PROJECT MANAGER'S PHONE		PROJECT MANAGER'S FAX		PROJECT MANAGER'S PHONE		PROJECT MANAGER'S FAX		PROJECT MANAGER'S FAX	
ASCARL FAHNEY		909-396-7662		909-396-1455		909-396-7662		909-396-1455		909-396-1455	

Item	Sample Identifier	Matrix			T.A.T	Comments
		Date	Time	# of Cont		
1	SMW25-VPB-065	APR 24/03	1245	1* 3	NAWB	1* 60cc SYRINGE
2	SMW25-VPI-066		1237			
3	SMW25-VPS-067		1259			
4						
5						
6						
7						
8						
9						
10						

SAMPLES COLLECTED BY: <i>Fahney</i>		COURIER AND AIR BILL NUMBER:	
RELINQUISHED BY: <i>Fahney</i>		RECEIVED BY: <i>Mark Burke</i>	
DATE: 8-22-03		TIME: 1315	
COOLER TEMPERATURE UPON RECEIPT:		SAMPLE'S CONDITION UPON RECEIPT: Good	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager



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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

Item	Sample Identifier	Matrix			Date	Time	Preserved	# of Cont.	OC Level	T.A.T	LABORATORY SERVICE ID				MAIL REPORT (COMPANY NAME)
		LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	PROJECT NUMBER							LABORATORY PHONE	LABORATORY FAX	LABORATORY SERVICE ID	LABORATORY CONTACT	
1	SWW36-VPA-068	909-396-7662	909-396-1455	709-396-1455	0820	None	1*	3	None	None	6091803-66	MARK BURKE	GEOFON INC		
2	SWW36-VPB-069	714-920-8438	N/A	N/A	0842						6091803-66	MARK BURKE	GEOFON INC		
3	SWW36-VPB-070 DUPLICATE	714-920-8438	N/A	N/A	0904						6091803-66	MARK BURKE	GEOFON INC		
4	SWW36-VPC-071	714-920-8438	N/A	N/A	0926						6091803-66	MARK BURKE	GEOFON INC		
5	SWW36-VPD-072	714-920-8438	N/A	N/A	0949						6091803-66	MARK BURKE	GEOFON INC		
6	SWW36-VPE-073	714-920-8438	N/A	N/A	1010						6091803-66	MARK BURKE	GEOFON INC		
7	SWW27-VPA-074	714-920-8438	N/A	N/A	1032						6091803-66	MARK BURKE	GEOFON INC		
8	SWW27-VPB-075	714-920-8438	N/A	N/A	1054						6091803-66	MARK BURKE	GEOFON INC		
9	SWW27-VPC-076	714-920-8438	N/A	N/A	1116						6091803-66	MARK BURKE	GEOFON INC		
10	SWW27-VPD-077	714-920-8438	N/A	N/A	1138						6091803-66	MARK BURKE	GEOFON INC		

RECEIVED BY: *Tony Miller* DATE: 8-25-03 TIME: 1445
 RECEIVED BY: *Mark Burke* DATE: 6-02
 COOLER TEMPERATURE UPON RECEIPT: _____
 SAMPLE'S CONDITION UPON RECEIPT: _____



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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

Item	Sample Identifier	Matrix			Date	Time	Preserved	# of Cont.	OC Level	T.A.T.	LABORATORY SERVICE ID			LABORATORY CONTACT			MAIL REPORT (COMPANY NAME)		
		LABORATORY ADDRESS	LABORATORY PHONE	LABORATORY FAX							LABORATORY ADDRESS	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME	ADDRESS	CITY, STATE AND ZIP CODE	LABORATORY ADDRESS	LABORATORY PHONE	LABORATORY FAX
1	SW27-VPE-078	AIL	9/28/03	1306	None	1*	3	None				GF081803-16	MARK-BULKE	GEOFFON INC	J. ROBINSON	22632 GOLDEN SPRINGS DR	DIAMOND BAR CA 91765		
2	SW27-VPF-079			1328								858-793-0401	888-793-0404	J. ROBINSON	22632 GOLDEN SPRINGS DR	DIAMOND BAR CA 91765			
3	SW27-VPG-080			1350								432 N. CEDROS AVE							
4	SW27-VPG-081			1412								SOLANA BEACH CA 92075							
5	SW27-VPI-082			1434								432 N. CEDROS AVE							
6																			
7																			
8																			
9																			
10																			

SAMPLES COLLECTED BY: *Ray* COURIER AND AIR BILL NUMBER: *1445*
 RELINQUISHED BY: *Mark P. Hill* RECEIVED BY: *8-25-03 1445*
 COOLER TEMPERATURE UPON RECEIPT: *Good*
 SAMPLE'S CONDITION UPON RECEIPT: *Good*



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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

Item	Sample Identifier	Matrix			Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	LABORATORY SERVICE ID			LABORATORY CONTACT			MAIL REPORT (COMPANY NAME)		
		LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	PROJECT NUMBER							LABORATORY PHONE	LABORATORY FAX	LABORATORY ADDRESS	LABORATORY CONTACT	LABORATORY FAX	RECIPIENT NAME	ADDRESS	CITY, STATE AND ZIP CODE	
	J. ROBINSON	909-396-7662	909-396-1455	909-396-1455								9081803-L6	MARK BURKE	GEOFON INC					
	JPL#2	ANNUAL SYSTEM MONITORING	04-4428-10									858-793-0401	858-793-0404	J. ROBINSON					
	J. ROBINSON	714-920-8438	N/A									432 N. CEDROS AVE		#270					
	4800 OAK GROVE DR	MIRADENA CA 91108	US NAVY SWD IV									SOLANA BEACH CA 92075		22632 GOLDEN SPRINGS DR					
	AS CARL FATHOM	909-396-7662	909-396-1455											DIAMOND BAR CA 91765					
1	SWW38-VPD-083	AIR	8/27/03	0845	None	1*	3	None											1* 60cc SYRINGE
2	SWW38-VPF-084			0907															
3	SWW38-VPT-085			0929															
4	SWW37-VPB-086			0955															
5	SWW37-VPE-087			1017															
6	SWW37-VPH-088			1040															
7	SWW37-VPA-089 DUPLICATE			1102															
8	SWW37-VPI-090			1124															
9	SWW37-VPT-091			1146															
10																			

COOLER TEMPERATURE UPON RECEIPT
SAMPLE'S CONDITION UPON RECEIPT

COURIER AND AIR BILL NUMBER
RELINQUISHED BY
DATE
TIME

8/26-03 12:00 Good

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager



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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

Item	Sample Identifier	Matrix			Date	Time	Preserved	# of Cont.	OC Level	T.A.T	LABORATORY SERVICE ID			LABORATORY CONTACT			MAIL REPORT (COMPANY NAME)		
		LABORATORY ADDRESS	LABORATORY PHONE	LABORATORY FAX							LABORATORY ADDRESS	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME	ADDRESS	CITY, STATE AND ZIP CODE			
GEOFON'S LAB COORDINATOR		LAB COORDINATOR'S PHONE			LAB COORDINATOR'S FAX			PROJECT NUMBER			LABORATORY SERVICE ID			LABORATORY CONTACT			MAIL REPORT (COMPANY NAME)		
J. ROBINSON		909-396-7662			909-396-1455			PROJECT NUMBER			GFO81803-16			MARK BULKE			GEOFON INC		
PROJECT NAME:		PROJECT LOCATION			PROJECT FAX			PROJECT NUMBER			LABORATORY PHONE			LABORATORY FAX			RECIPIENT NAME		
JPL #2		ANIMATED SITE MONITORING			N/A			04-4428-10			888-793-0408			888-793-0404			J. ROBINSON		
PROJECT CONTACT		PROJECT PHONE NUMBER			PROJECT FAX			PROJECT NUMBER			LABORATORY ADDRESS			LABORATORY PHONE			LABORATORY FAX		
J. ROBINSON		714-970-8438			N/A			N/A			432 N. CEDROS AVE			432 N. CEDROS AVE			22632 GOLDEN SPRINGS DR		
PROJECT ADDRESS		CITY, STATE AND ZIP CODE			CLIENT			PROJECT NUMBER			LABORATORY ADDRESS			LABORATORY PHONE			LABORATORY FAX		
4800 OAK GLOVE DR		PASADENA CA 91108			US NAVY SWDIR			04-4428-10			SOLANA BEACH CA 92075			SOLANA BEACH CA 92075			DIAMOND BAR CA 91765		
PROJECT MANAGER		PROJECT MANAGER'S PHONE			PROJECT MANAGER'S FAX			PROJECT NUMBER			LABORATORY ADDRESS			LABORATORY PHONE			LABORATORY FAX		
ASLAR FAHBERY		909-396-7662			909-396-1455			04-4428-10			SOLANA BEACH CA 92075			SOLANA BEACH CA 92075			DIAMOND BAR CA 91765		
Item	Sample Identifier	Date	Time	Preserved	# of Cont.	OC Level	T.A.T	Matrix	Comments										
1	SW15-VPS-099	8/29/03	0745	NONE	1*	3	NONE	AIR	1* BOICE STRINGS										
2	SW15-VPC-100	0807																	
3	SW15-VPD-101	0829																	
4	SW15-VPE-102	0851																	
5	SW16-VPS-103	0913																	
6	SW16-VPB-104 DUPLICATE	0935							DUPLICATE										
7	SW16-VPD-105	0957																	
8																			
9																			
10																			
COOLER TEMPERATURE UPON RECEIPT																			
SAMPLE'S CONDITION UPON RECEIPT																			
COURIER AND AIR BILL NUMBER																			
RECEIVED BY																			
DATE																			
TIME																			
8-29-03 10:15																			
G001																			



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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

GEOFON'S LAB COORDINATOR J. ROBINSON		LAB COORDINATOR'S PHONE 909-396-7662		LAB COORDINATOR'S FAX 909-396-1455		LABORATORY SERVICE ID GEO81803-46		LABORATORY CONTACT MARK BURKE		MAIL REPORT (COMPANY NAME) GEOFON INC	
PROJECT NAME JPL #2		PROJECT LOCATION ANNUAL SVE MONITORING		PROJECT NUMBER 04-4428-10		LABORATORY PHONE 858-793-0401		LABORATORY FAX 858-793-0404		RECIPIENT NAME J. ROBINSON #270	
PROJECT CONTACT J. ROBINSON		PROJECT PHONE NUMBER 714-920-8438		PROJECT FAX N/A		LABORATORY ADDRESS 432 N. CEDROS AVE		LABORATORY ADDRESS 432 N. CEDROS AVE		ADDRESS 22632 GOLDEN SPRINGS DR	
PROJECT ADDRESS 4800 OAK GROVE DR		CITY, STATE AND ZIP CODE PACIFIC PALMS CA 91108		CLIENT US NAVY SW DIV		CITY, STATE AND ZIP CODE SOLANA BEACH CA 92075		CITY, STATE AND ZIP CODE SOLANA BEACH CA 92075		CITY, STATE AND ZIP CODE DIAMOND BAR CA 91765	
PROJECT MANAGER ASCAR FAHEEM		PROJECT MANAGER'S PHONE 909-396-7662		PROJECT MANAGER'S FAX 909-396-1455		PROJECT MANAGER'S FAX 909-396-1455		PROJECT MANAGER'S FAX 909-396-1455		PROJECT MANAGER'S FAX 909-396-1455	
Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont	OC Level	T.A.T	Comments		
1	SNW34-VPE-092	AIR	8/28/03	0755	NONE	1*	3	NONE	X		1* 60cc STRINGS
2	SNW34-VPE-093			0820					X		DUPPLICATE
3	SNW34-VPE-094			0842					X		
4	SNW39-VPA-095			0904					X		
5	SNW39-VPE-096			0926					X		
6	SNW39-VPF-097			0948					X		
7	SNW39-VPI-098			1010					X		
8											
9											
10											

SAMPLES COLLECTED BY: *[Signature]* COURIER AND AIR BILL NUMBER: _____

RELINQUISHED BY: *[Signature]* RECEIVED BY: *[Signature]*

DATE: 8-28-03 TIME: 1015

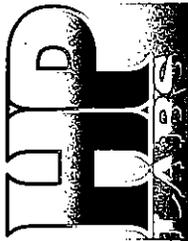
COOLER TEMPERATURE UPON RECEIPT: _____

SAMPLE'S CONDITION UPON RECEIPT: 600d

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

APPENDIX B-3

DAILY OPENING, CLOSING, AND CONTINUING CALIBRATION VERIFICATION REPORTS



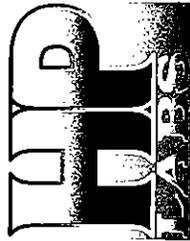
QA/QC CALIBRATION DATA

DATE: 08/18/03
 HP Labs Project #GF081803-L6
 LAB-6

SUPPLY SOURCE: CONTINUING CALIBRATION (OPENING) SUPELCO LOT #LSS-773
 SUPPLY SOURCE: QUALITY CONTROL (CLOSING) SUPELCO LOT #LSS-774
 INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER

COMPOUND	OPENING STANDARD			2ND SOURCE (1ug/L) CLOSING		
	MASS	RESULT	%DIFF	MASS	RESULT	%DIFF
CARBON TETRACHLORIDE	50	49.7	0.6%	1.0	1.23	23.0%
CHLOROFORM	50	49.6	0.8%	1.0	1.29	29.0%
1,1-DICHLORO ETHANE	50	51.8	3.6%	1.0	1.32	32.0%
1,2-DICHLORO ETHANE	50	52.7	5.4%	1.0	1.30	30.0%
1,1-DICHLORO ETHENE	50	48.2	3.6%	1.0	1.14	14.0%
CIS-1,2-DICHLORO ETHENE	50	49.0	2.0%	1.0	1.12	12.0%
TRANS-1,2-DICHLORO ETHENE	50	48.8	2.4%	1.0	1.14	14.0%
DICHLOROMETHANE	50	48.6	2.8%	1.0	1.24	24.0%
TETRACHLORO ETHENE	50	49.2	1.6%	1.0	1.17	17.0%
1,1,1,2-TETRACHLORO ETHANE	50	51.6	3.2%	1.0	1.32	32.0%
1,1,2,2-TETRACHLORO ETHANE	50	51.3	2.6%	1.0	1.24	24.0%
1,1,1-TRICHLORO ETHANE	50	49.4	1.2%	1.0	1.21	21.0%
1,1,2-TRICHLORO ETHANE	50	49.7	0.6%	1.0	1.17	17.0%
TRICHLORO ETHENE	50	47.3	5.4%	1.0	1.00	0.0%
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	50	52.7	5.4%	1.0	1.28	28.0%
BENZENE	50	51.4	2.8%	1.0	1.28	28.0%
CHLOROBENZENE	50	50.9	1.8%	1.0	1.16	16.0%
ETHYLBENZENE	50	54.9	9.8%	1.0	1.12	12.0%
TOLUENE	50	50.8	1.6%	1.0	1.25	25.0%
m&p-XYLENES	100	114	14.3%	2.0	2.41	20.5%
o-XYLENE	50	54.7	9.4%	1.0	1.01	1.0%

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561
 ANALYSES PERFORMED BY: MARK BURKE
 DATA REVIEWED BY: TAMARA DAVIS



QA/QC CALIBRATION DATA

COMPOUND	OPENING STANDARD			2ND SOURCE (1ug/L) CLOSING		
	MASS	RESULT	%DIFF	MASS	RESULT	%DIFF
CARBON TETRACHLORIDE	50	52.1	4.2%	1.0	1.10	10.0%
CHLOROFORM	50	51.3	2.6%	1.0	1.09	9.0%
1,1-DICHLORO ETHANE	50	52.9	5.8%	1.0	1.13	13.0%
1,2-DICHLORO ETHANE	50	53.8	7.6%	1.0	1.06	6.0%
1,1-DICHLORO ETHENE	50	49.7	0.6%	1.0	0.99	1.0%
CIS-1,2-DICHLORO ETHENE	50	49.4	1.2%	1.0	1.00	0.0%
TRANS-1,2-DICHLORO ETHENE	50	52.1	4.2%	1.0	1.02	2.0%
DICHLOROMETHANE	50	50.0	0.0%	1.0	1.07	7.0%
TETRACHLORO ETHENE	50	53.1	6.2%	1.0	1.03	3.0%
1,1,1,2-TETRACHLORO ETHANE	50	55.5	11.0%	1.0	1.16	16.0%
1,1,2,2-TETRACHLORO ETHANE	50	52.3	4.6%	1.0	1.03	3.0%
1,1,1-TRICHLORO ETHANE	50	50.9	1.8%	1.0	1.04	4.0%
1,1,2-TRICHLORO ETHANE	50	49.7	0.6%	1.0	1.00	0.0%
TRICHLORO ETHENE	50	48.9	2.2%	1.0	0.88	12.0%
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	50	56.3	12.6%	1.0	1.07	7.0%
BENZENE	50	53.8	7.6%	1.0	1.20	20.0%
CHLOROBENZENE	50	52.1	4.2%	1.0	1.05	5.0%
ETHYLBENZENE	50	54.1	8.2%	1.0	1.00	0.0%
TOLUENE	50	50.3	0.6%	1.0	1.11	11.0%
m&p-XYLENES	100	110	9.5%	2.0	2.15	7.5%
o-XYLENE	50	53.5	7.0%	1.0	0.89	11.0%

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS

DATE: 08/19/03

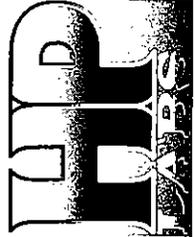
HP Labs Project #GF081803-L6

LAB-6

SUPPLY SOURCE: CONTINUING CALIBRATION (OPENING) SUPELCO LOT #LSS-773

SUPPLY SOURCE: QUALITY CONTROL (CLOSING) SUPELCO LOT #LSS-774

INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER



QA/QC CALIBRATION DATA

COMPOUND	OPENING STANDARD			2ND SOURCE (1ug/L) CLOSING		
	MASS	RESULT	%DIFF	MASS	RESULT	%DIFF
CARBON TETRACHLORIDE	50	51.9	3.8%	1.0	1.17	17.0%
CHLOROFORM	50	51.3	2.6%	1.0	1.15	15.0%
1,1-DICHLORO ETHANE	50	53.2	6.4%	1.0	1.20	20.0%
1,2-DICHLORO ETHANE	50	52.1	4.2%	1.0	1.14	14.0%
1,1-DICHLORO ETHENE	50	50.6	1.2%	1.0	1.02	2.0%
CIS-1,2-DICHLORO ETHENE	50	48.0	4.0%	1.0	1.08	8.0%
TRANS-1,2-DICHLORO ETHENE	50	52.3	4.6%	1.0	1.07	7.0%
DICHLOROMETHANE	50	50.0	0.0%	1.0	1.20	20.0%
TETRACHLORO ETHENE	50	52.0	4.0%	1.0	1.16	16.0%
1,1,1,2-TETRACHLORO ETHANE	50	55.2	10.4%	1.0	1.23	23.0%
1,1,2,2-TETRACHLORO ETHANE	50	50.6	1.2%	1.0	1.08	8.0%
1,1,1-TRICHLORO ETHANE	50	50.3	0.6%	1.0	1.13	13.0%
1,1,2-TRICHLORO ETHANE	50	49.6	0.8%	1.0	1.00	0.0%
TRICHLORO ETHENE	50	48.2	3.6%	1.0	0.98	2.0%
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	50	57.3	14.6%	1.0	1.11	11.0%
BENZENE	50	54.1	8.2%	1.0	1.24	24.0%
CHLOROBENZENE	50	50.2	0.4%	1.0	1.12	12.0%
ETHYLBENZENE	50	52.9	5.8%	1.0	1.15	15.0%
TOLUENE	50	52.4	4.8%	1.0	1.35	35.0%
m&p-XYLENES	100	109	9.0%	2.0	2.49	24.5%
o-XYLENE	50	52.7	5.4%	1.0	1.04	4.0%

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS

DATE: 08/20/03

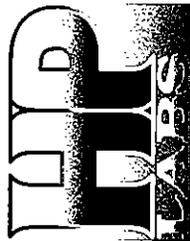
HP Labs Project #GF081803-L6

LAB-6

SUPPLY SOURCE: CONTINUING CALIBRATION (OPENING) SUPELCO LOT #LSS-773

SUPPLY SOURCE: QUALITY CONTROL (CLOSING) SUPELCO LOT #LSS-774

INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER



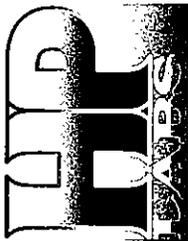
QA/QC CALIBRATION DATA

DATE: 08/21/03
 HP Labs Project #GF081803-L6
 LAB-6

SUPPLY SOURCE: CONTINUING CALIBRATION (OPENING) SUPELCO LOT #LSS-773
 SUPPLY SOURCE: QUALITY CONTROL (CLOSING) SUPELCO LOT #LSS-774
 INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER

COMPOUND	OPENING STANDARD			2ND SOURCE (1ug/L) CLOSING		
	MASS	RESULT	%DIFF	MASS	RESULT	%DIFF
CARBON TETRACHLORIDE	50	51.2	2.4%	1.0	1.08	8.0%
CHLOROFORM	50	50.0	0.0%	1.0	1.12	12.0%
1,1-DICHLORO ETHANE	50	52.2	4.4%	1.0	1.17	17.0%
1,2-DICHLORO ETHANE	50	52.1	4.2%	1.0	1.08	8.0%
1,1-DICHLORO ETHENE	50	50.0	0.0%	1.0	0.99	1.0%
CIS-1,2-DICHLORO ETHENE	50	48.0	4.0%	1.0	0.96	4.0%
TRANS-1,2-DICHLORO ETHENE	50	50.2	0.4%	1.0	1.03	3.0%
DICHLOROMETHANE	50	48.6	2.8%	1.0	1.11	11.0%
TETRACHLORO ETHENE	50	52.9	5.8%	1.0	1.05	5.0%
1,1,1,2-TETRACHLORO ETHANE	50	54.0	8.0%	1.0	1.25	25.0%
1,1,2,2-TETRACHLORO ETHANE	50	50.7	1.4%	1.0	1.07	7.0%
1,1,1-TRICHLORO ETHANE	50	50.2	0.4%	1.0	1.11	11.0%
1,1,2-TRICHLORO ETHANE	50	47.2	5.6%	1.0	1.05	5.0%
TRICHLORO ETHENE	50	47.9	4.2%	1.0	0.85	15.0%
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	50	57.0	14.0%	1.0	1.20	20.0%
BENZENE	50	52.2	4.4%	1.0	1.12	12.0%
CHLOROBENZENE	50	51.2	2.4%	1.0	1.06	6.0%
ETHYLBENZENE	50	53.2	6.4%	1.0	0.99	1.0%
TOLUENE	50	50.0	0.0%	1.0	1.01	1.0%
m&p-XYLENES	100	109	9.0%	2.0	2.09	4.5%
o-XYLENE	50	52.7	5.4%	1.0	0.86	14.0%

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561
 ANALYSES PERFORMED BY: MARK BURKE
 DATA REVIEWED BY: TAMARA DAVIS



QA/QC CALIBRATION DATA

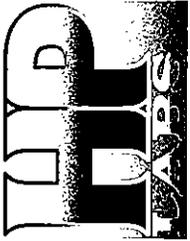
COMPOUND	OPENING STANDARD			2ND SOURCE (1ug/L) CLOSING		
	MASS	RESULT	%DIFF	MASS	RESULT	%DIFF
CARBON TETRACHLORIDE	50	52.6	5.2%	1.0	1.02	2.0%
CHLOROFORM	50	52.0	4.0%	1.0	1.04	4.0%
1,1-DICHLORO ETHANE	50	55.0	10.0%	1.0	1.08	8.0%
1,2-DICHLORO ETHANE	50	54.8	9.6%	1.0	1.07	7.0%
1,1-DICHLORO ETHENE	50	49.7	0.6%	1.0	0.95	5.0%
CIS-1,2-DICHLORO ETHENE	50	48.2	3.6%	1.0	0.96	4.0%
TRANS-1,2-DICHLORO ETHENE	50	52.4	4.8%	1.0	0.96	4.0%
DICHLOROMETHANE	50	50.3	0.6%	1.0	1.07	7.0%
TETRACHLORO ETHENE	50	53.1	6.2%	1.0	1.01	1.0%
1,1,1,2-TETRACHLORO ETHANE	50	57.6	15.2%	1.0	1.16	16.0%
1,1,2,2-TETRACHLORO ETHANE	50	51.6	3.2%	1.0	1.13	13.0%
1,1,1-TRICHLORO ETHANE	50	51.2	2.4%	1.0	1.00	0.0%
1,1,2-TRICHLORO ETHANE	50	50.2	0.4%	1.0	1.00	0.0%
TRICHLORO ETHENE	50	46.6	6.8%	1.0	0.88	12.0%
DICHLORODIFLUOROMETHANE (FR12)	50	49.2	1.6%	1.0	1.13	13.0%
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	50	60.9	21.8%	1.0	1.10	10.0%
BENZENE	50	54.4	8.8%	1.0	1.09	9.0%
CHLOROBENZENE	50	52.7	5.4%	1.0	1.06	6.0%
ETHYLBENZENE	50	54.8	9.6%	1.0	0.97	3.0%
TOLUENE	50	48.6	2.8%	1.0	1.06	6.0%
m&p-XYLENES	100	110	10.0%	2.0	2.06	3.0%
o-XYLENE	50	53.2	6.4%	1.0	0.88	12.0%

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS

DATE: 08/22/03
 HP Labs Project #GF081803-L6
 SUPPLY SOURCE: CONTINUING CALIBRATION (OPENING) SUPELCO LOT #LSS-773
 SUPPLY SOURCE: QUALITY CONTROL (CLOSING) SUPELCO LOT #LSS-774
 LAB-6
 INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER



QA/QC CALIBRATION DATA

DATE: 08/25/03
 HP Labs Project #GF081803-L6
 LAB-6

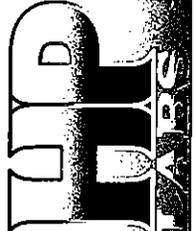
SUPPLY SOURCE: CONTINUING CALIBRATION (OPENING) SUPELCO LOT #LSS-773
 SUPPLY SOURCE: QUALITY CONTROL (CLOSING) SUPELCO LOT #LSS-774
 INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER

COMPOUND	OPENING STANDARD			2ND SOURCE (1ug/L) CLOSING		
	MASS	RESULT	%DIFF	MASS	RESULT	%DIFF
CARBON TETRACHLORIDE	50	52.0	4.0%	1.0	1.17	17.0%
CHLOROFORM	50	49.7	0.6%	1.0	1.12	12.0%
1,1-DICHLORO ETHANE	50	52.1	4.2%	1.0	1.18	18.0%
1,2-DICHLORO ETHANE	50	51.3	2.6%	1.0	1.13	13.0%
1,1-DICHLORO ETHENE	50	50.6	1.2%	1.0	1.04	4.0%
CIS-1,2-DICHLORO ETHENE	50	50.4	0.8%	1.0	0.96	4.0%
TRANS-1,2-DICHLORO ETHENE	50	51.5	3.0%	1.0	1.05	5.0%
DICHLOROMETHANE	50	49.9	0.2%	1.0	1.24	24.0%
TETRACHLORO ETHENE	50	51.8	3.6%	1.0	1.09	9.0%
1,1,1,2-TETRACHLORO ETHANE	50	51.6	3.2%	1.0	1.22	22.0%
1,1,2,2-TETRACHLORO ETHANE	50	47.0	6.0%	1.0	0.95	5.0%
1,1,1-TRICHLORO ETHANE	50	50.7	1.4%	1.0	1.09	9.0%
1,1,2-TRICHLORO ETHANE	50	47.1	5.8%	1.0	0.95	5.0%
TRICHLORO ETHENE	50	48.1	3.8%	1.0	0.98	2.0%
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	50	57.3	14.6%	1.0	1.12	12.0%
BENZENE	50	54.9	9.8%	1.0	1.27	27.0%
CHLOROBENZENE	50	49.4	1.2%	1.0	1.11	11.0%
ETHYLBENZENE	50	55.2	10.4%	1.0	1.13	13.0%
TOLUENE	50	55.8	11.6%	1.0	1.44	44.0%
m&p-XYLENES	100	112	12.0%	2.0	2.61	30.5%
o-XYLENE	50	55.8	11.6%	1.0	1.10	10.0%

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS

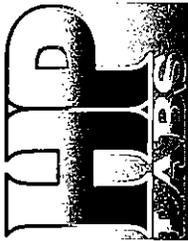


QA/QC CALIBRATION DATA

DATE: 08/27/03
 HP Labs Project #GF081803-L6
 LAB-6
 SUPPLY SOURCE: CONTINUING CALIBRATION (OPENING) SUPELCO LOT #LSS-773
 SUPPLY SOURCE: QUALITY CONTROL (CLOSING) SUPELCO LOT #LSS-774
 INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER

COMPOUND	OPENING STANDARD		%DIFF	2ND SOURCE (1ug/L) CLOSING		%DIFF
	MASS	RESULT		MASS	RESULT	
CARBON TETRACHLORIDE	50	52.0	4.0%	1.0	1.10	10.0%
CHLOROFORM	50	50.6	1.2%	1.0	1.12	12.0%
1,1-DICHLORO ETHANE	50	53.4	6.8%	1.0	1.18	18.0%
1,2-DICHLORO ETHANE	50	54.0	8.0%	1.0	1.10	10.0%
1,1-DICHLORO ETHENE	50	51.8	3.6%	1.0	1.01	1.0%
CIS-1,2-DICHLORO ETHENE	50	51.2	2.4%	1.0	1.02	2.0%
TRANS-1,2-DICHLORO ETHENE	50	52.0	4.0%	1.0	1.01	1.0%
DICHLOROMETHANE	50	51.4	2.8%	1.0	1.22	22.0%
TETRACHLORO ETHENE	50	51.3	2.6%	1.0	1.03	3.0%
1,1,1,2-TETRACHLORO ETHANE	50	53.0	6.0%	1.0	1.26	26.0%
1,1,2,2-TETRACHLORO ETHANE	50	50.1	0.2%	1.0	1.18	18.0%
1,1,1-TRICHLORO ETHANE	50	51.0	2.0%	1.0	1.05	5.0%
1,1,2-TRICHLORO ETHANE	50	48.0	4.0%	1.0	1.04	4.0%
TRICHLORO ETHENE	50	48.0	4.0%	1.0	0.82	18.0%
TRICHLOROFLUOROMETHANE (FR11)	50	62.0	24.0%	1.0	1.60	60.0%
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	50	57.1	14.2%	1.0	1.19	19.0%
BENZENE	50	52.5	5.0%	1.0	1.15	15.0%
CHLOROBENZENE	50	50.7	1.4%	1.0	1.08	8.0%
ETHYLBENZENE	50	53.5	7.0%	1.0	0.97	3.0%
TOLUENE	50	50.9	1.8%	1.0	1.13	13.0%
m&p-XYLENES	100	112	12.0%	2.0	2.01	0.5%
o-XYLENE	50	53.9	7.8%	1.0	0.83	17.0%

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561
 ANALYSES PERFORMED BY: MARK BURKE
 DATA REVIEWED BY: TAMARA DAVIS



QA/QC CALIBRATION DATA

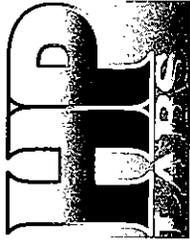
DATE: 08/28/03
 HP Labs Project #GF081803-L6
 LAB-6
 SUPPLY SOURCE: CONTINUING CALIBRATION (OPENING) SUPELCO LOT #LSS-773
 SUPPLY SOURCE: QUALITY CONTROL (CLOSING) SUPELCO LOT #LSS-774
 INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER

COMPOUND	OPENING STANDARD		%DIFF	2ND SOURCE (1ug/L) CLOSING		%DIFF
	MASS	RESULT		MASS	RESULT	
CARBON TETRACHLORIDE	50	51.9	3.8%	1.0	1.05	5.0%
CHLOROFORM	50	49.9	0.2%	1.0	1.03	3.0%
1,1-DICHLORO ETHANE	50	53.1	6.2%	1.0	1.10	10.0%
1,2-DICHLORO ETHANE	50	52.9	5.8%	1.0	1.03	3.0%
1,1-DICHLORO ETHENE	50	49.1	1.8%	1.0	1.01	1.0%
CIS-1,2-DICHLORO ETHENE	50	48.1	3.8%	1.0	0.95	5.0%
TRANS-1,2-DICHLORO ETHENE	50	51.6	3.2%	1.0	1.01	1.0%
DICHLOROMETHANE	50	50.0	0.0%	1.0	1.17	17.0%
TETRACHLORO ETHENE	50	50.3	0.6%	1.0	1.05	5.0%
1,1,1,2-TETRACHLORO ETHANE	50	52.5	5.0%	1.0	1.15	15.0%
1,1,2,2-TETRACHLORO ETHANE	50	49.3	1.4%	1.0	1.12	12.0%
1,1,1-TRICHLORO ETHANE	50	50.6	1.2%	1.0	1.04	4.0%
1,1,2-TRICHLORO ETHANE	50	49.1	1.8%	1.0	0.98	2.0%
TRICHLORO ETHENE	50	46.2	7.6%	1.0	0.85	15.0%
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	50	55.5	11.0%	1.0	1.12	12.0%
BENZENE	50	54.2	8.4%	1.0	1.08	8.0%
CHLOROBENZENE	50	50.4	0.8%	1.0	1.04	4.0%
ETHYLBENZENE	50	53.6	7.2%	1.0	0.94	6.0%
TOLUENE	50	53.7	7.4%	1.0	1.15	15.0%
m&p-XYLENES	100	113	13.0%	2.0	1.99	0.5%
o-XYLENE	50	54.0	8.0%	1.0	0.85	15.0%

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS



QA/QC CALIBRATION DATA

COMPOUND	OPENING STANDARD			2ND SOURCE (1ug/L) CLOSING		
	MASS	RESULT	%DIFF	MASS	RESULT	%DIFF
CARBON TETRACHLORIDE	50	49.2	1.6%	1.0	1.11	11.0%
CHLOROFORM	50	49.1	1.8%	1.0	1.10	10.0%
1,1-DICHLORO ETHANE	50	51.4	2.8%	1.0	1.14	14.0%
1,2-DICHLORO ETHANE	50	52.2	4.4%	1.0	1.09	9.0%
1,1-DICHLORO ETHENE	50	46.2	7.6%	1.0	0.96	4.0%
CIS-1,2-DICHLORO ETHENE	50	47.2	5.6%	1.0	0.96	4.0%
TRANS-1,2-DICHLORO ETHENE	50	48.8	2.4%	1.0	1.02	2.0%
DICHLOROMETHANE	50	49.4	1.2%	1.0	1.15	15.0%
TETRACHLORO ETHENE	50	49.6	0.8%	1.0	1.02	2.0%
1,1,1,2-TETRACHLORO ETHANE	50	53.5	7.0%	1.0	1.18	18.0%
1,1,2,2-TETRACHLORO ETHANE	50	47.3	5.4%	1.0	1.09	9.0%
1,1,1-TRICHLORO ETHANE	50	48.8	2.4%	1.0	1.07	7.0%
1,1,2-TRICHLORO ETHANE	50	45.9	8.2%	1.0	1.00	0.0%
TRICHLORO ETHENE	50	44.4	11.2%	1.0	0.83	17.0%
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	50	56.2	12.4%	1.0	1.21	21.0%
BENZENE	50	51.1	2.2%	1.0	1.18	18.0%
CHLOROBENZENE	50	49.6	0.8%	1.0	1.04	4.0%
ETHYLBENZENE	50	50.6	1.2%	1.0	1.00	0.0%
TOLUENE	50	46.7	6.6%	1.0	1.23	23.0%
m&p-XYLENES	100	102	2.0%	2.0	2.11	5.5%
o-XYLENE	50	49.5	1.0%	1.0	0.84	16.0%

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS

DATE: 08/29/03

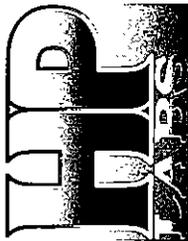
HP Labs Project #GF081803-L6

LAB-6

SUPPLY SOURCE: CONTINUING CALIBRATION (OPENING) SUPELCO LOT #LSS-773

SUPPLY SOURCE: QUALITY CONTROL (CLOSING) SUPELCO LOT #LSS-774

INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER



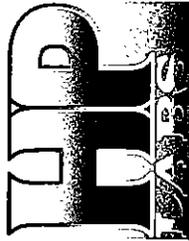
QA/QC - CALIBRATION DATA

CALIBRATION VERIFICATION			
DATE: 08/18/03			
HP Labs Project #GF081803-L6			
Lab 6			
SUPPLY SOURCE: SUPELCO LOT #LSS-773			
INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER			
COMPOUND	MASS	RT	%DIFF
		CONTINUING STANDARD RESULT	
CARBON TETRACHLORIDE	50	7.7	50.3
CHLOROFORM	50	7.1	50.4
1,1-DICHLORO ETHANE	50	5.7	52.3
1,2-DICHLORO ETHANE	50	8.0	53.6
1,1-DICHLORO ETHENE	50	4.1	47.3
CIS-1,2-DICHLORO ETHENE	50	6.5	48.7
TRANS-1,2-DICHLORO ETHENE	50	5.1	50.6
DICHLOROMETHANE	50	4.8	50.1
TETRACHLORO ETHENE	50	12.9	50.0
1,1,1,2-TETRACHLORO ETHANE	50	15.2	53.8
1,1,2,2-TETRACHLORO ETHANE	50	18.3	51.7
1,1,1-TRICHLORO ETHANE	50	7.4	48.7
1,1,2-TRICHLORO ETHANE	50	12.6	49.4
TRICHLORO ETHENE	50	9.1	43.9
1,1,2-TRICHLORO TRIFLUOROETHANE (FR113)	50	4.1	56.4
BENZENE	50	7.9	52.8
CHLOROBENZENE	50	14.9	50.5
ETHYLBENZENE	50	15.2	51.9
TOLUENE	50	11.6	49.3
m&p-XYLENES	100	15.5	106
o-XYLENE	50	16.5	50.9

ANALYSES PERFORMED ON-SITE IN DOHS CERTIFIED MOBILE LABORATORY (CERT #1561)

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS



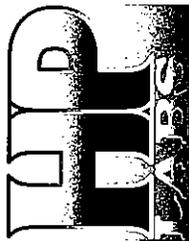
QA/QC - CALIBRATION DATA

CALIBRATION VERIFICATION			
DATE: 08/19/03	SUPPLY SOURCE: SUPELCO LOT #LSS-773		
HP Labs Project #GF081803-L6	INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER		
Lab 6	CONTINUING STANDARD		
COMPOUND	MASS	RT	%DIFF
CARBON TETRACHLORIDE	50	7.7	53.6
CHLOROFORM	50	7.1	53.9
1,1-DICHLORO ETHANE	50	5.7	56.2
1,2-DICHLORO ETHANE	50	8.0	55.8
1,1-DICHLORO ETHENE	50	4.1	51.2
CIS-1,2-DICHLORO ETHENE	50	6.5	50.1
TRANS-1,2-DICHLORO ETHENE	50	5.1	53.6
DICHLOROMETHANE	50	4.8	53.3
TETRACHLORO ETHENE	50	12.9	52.7
1,1,1,2-TETRACHLORO ETHANE	50	15.2	57.4
1,1,2,2-TETRACHLORO ETHANE	50	18.3	48.5
1,1,1-TRICHLORO ETHANE	50	7.4	52.2
1,1,2-TRICHLORO ETHANE	50	12.6	51.7
TRICHLORO ETHENE	50	9.1	47.8
1,1,2-TRICHLORO TRIFLUOROETHANE (FR113)	50	4.1	62.1
BENZENE	50	7.9	56.7
CHLOROBENZENE	50	14.9	53.2
ETHYLBENZENE	50	15.2	55.6
TOLUENE	50	11.6	50.7
m&p-XYLENES	100	15.5	118
o-XYLENE	50	16.5	54.9

ANALYSES PERFORMED ON-SITE IN DOHS CERTIFIED MOBILE LABORATORY (CERT #1561)

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS



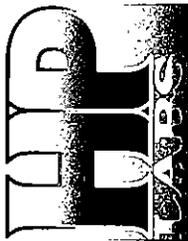
QA/QC - CALIBRATION DATA

CALIBRATION VERIFICATION				
DATE: 08/20/03	HP Labs Project #GF081803-L6			
Lab 6	SUPPLY SOURCE: SUPELCO LOT #LSS-773			
	INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER			
COMPOUND	MASS	RT	%DIFF	
		CONTINUING STANDARD		
		RESULT		
CARBON TETRACHLORIDE	50	7.7	50.9	1.8%
CHLOROFORM	50	7.1	50.2	0.4%
1,1-DICHLORO ETHANE	50	5.7	51.7	3.4%
1,2-DICHLORO ETHANE	50	8.0	52.9	5.8%
1,1-DICHLORO ETHENE	50	4.1	48.4	3.2%
CIS-1,2-DICHLORO ETHENE	50	6.5	49.8	0.4%
TRANS-1,2-DICHLORO ETHENE	50	5.1	50.6	1.2%
DICHLOROMETHANE	50	4.8	49.6	0.8%
TETRACHLORO ETHENE	50	12.9	49.1	1.8%
1,1,1,2-TETRACHLORO ETHANE	50	15.2	50.6	1.2%
1,1,2,2-TETRACHLORO ETHANE	50	18.3	49.0	2.0%
1,1,1-TRICHLORO ETHANE	50	7.4	50.3	0.6%
1,1,2-TRICHLORO ETHANE	50	12.6	48.8	2.4%
TRICHLORO ETHENE	50	9.1	47.6	4.8%
1,1,2-TRICHLORO TRIFLUOROETHANE (FR113)	50	4.1	52.3	4.6%
BENZENE	50	7.9	52.7	5.4%
CHLOROBENZENE	50	14.9	49.7	0.6%
ETHYLBENZENE	50	15.2	53.4	6.8%
TOLUENE	50	11.6	51.8	3.6%
m&p-XYLENES	100	15.5	113	13.1%
o-XYLENE	50	16.5	54.3	8.6%

ANALYSES PERFORMED ON-SITE IN DOHS CERTIFIED MOBILE LABORATORY (CERT #1561)

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS



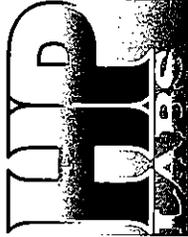
QA/QC - CALIBRATION DATA

CALIBRATION VERIFICATION				
DATE: 08/21/03				
HP Labs Project #GF081803-L6				
Lab 6				
SUPPLY SOURCE: SUPELCO LOT #LSS-773				
INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER				
COMPOUND	MASS	RT	CONTINUING STANDARD RESULT	%DIFF
CARBON TETRACHLORIDE	50	7.7	55.5	11.0%
CHLOROFORM	50	7.1	54.1	8.2%
1,1-DICHLORO ETHANE	50	5.7	56.7	13.4%
1,2-DICHLORO ETHANE	50	8.0	56.8	13.6%
1,1-DICHLORO ETHENE	50	4.1	49.6	0.8%
CIS-1,2-DICHLORO ETHENE	50	6.5	51.1	2.2%
TRANS-1,2-DICHLORO ETHENE	50	5.1	54.5	9.0%
DICHLOROMETHANE	50	4.8	54.1	8.2%
TETRACHLORO ETHENE	50	12.9	54.0	8.0%
1,1,1,2-TETRACHLORO ETHANE	50	15.2	58.0	16.0%
1,1,2,2-TETRACHLORO ETHANE	50	18.3	50.8	1.6%
1,1,1-TRICHLORO ETHANE	50	7.4	52.7	5.4%
1,1,2-TRICHLORO ETHANE	50	12.6	53.2	6.4%
TRICHLORO ETHENE	50	9.1	46.1	7.8%
1,1,2-TRICHLORO TRIFLUOROETHANE (FR113)	50	4.1	62.7	25.4%
BENZENE	50	7.9	58.0	16.0%
CHLOROBENZENE	50	14.9	53.1	6.2%
ETHYLBENZENE	50	15.2	55.1	10.2%
TOLUENE	50	11.6	51.3	2.6%
m&p-XYLENES	100	15.5	112	12.0%
o-XYLENE	50	16.5	52.1	4.2%

ANALYSES PERFORMED ON-SITE IN DOHS CERTIFIED MOBILE LABORATORY (CERT #1561)

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS



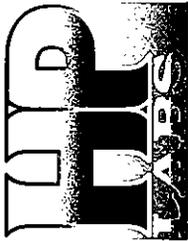
QA/QC - CALIBRATION DATA

CALIBRATION VERIFICATION			
DATE: 08/22/03	HP Labs Project #GF081803-L6	SUPPLY SOURCE: SUPELCO LOT #LSS-773	
Lab 6		INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER	
COMPOUND	MASS	RT	%DIFF
CONTINUING STANDARD			
CARBON TETRACHLORIDE	50	7.7	54.1
CHLOROFORM	50	7.1	52.9
1,1-DICHLORO ETHANE	50	5.7	56.4
1,2-DICHLORO ETHANE	50	8.0	56.0
1,1-DICHLORO ETHENE	50	4.1	52.8
CIS-1,2-DICHLORO ETHENE	50	6.5	51.3
TRANS-1,2-DICHLORO ETHENE	50	5.1	54.4
DICHLOROMETHANE	50	4.8	54.3
TETRACHLORO ETHENE	50	12.9	52.2
1,1,1,2-TETRACHLORO ETHANE	50	15.2	54.7
1,1,2,2-TETRACHLORO ETHANE	50	18.3	49.8
1,1,1-TRICHLORO ETHANE	50	7.4	51.6
1,1,2-TRICHLORO ETHANE	50	12.6	51.7
TRICHLORO ETHENE	50	9.1	48.0
DICHLORODIFLUOROMETHANE (FR12)	50	3.6	47.8
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	50	4.1	61.4
BENZENE	50	7.9	58.4
CHLOROBENZENE	50	14.9	52.1
ETHYLBENZENE	50	15.2	56.3
TOLUENE	50	11.6	54.5
m&p-XYLENES	100	15.5	117
o-XYLENE	50	16.5	55.2

ANALYSES PERFORMED ON-SITE IN DOHS CERTIFIED MOBILE LABORATORY (CERT #1561)

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS



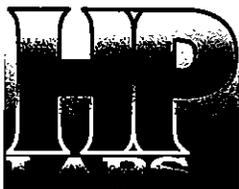
QA/QC - CALIBRATION DATA

CALIBRATION VERIFICATION			
DATE: 08/25/03	SUPPLY SOURCE: SUPELCO LOT #LSS-773		
HP Labs Project #GF081803-L6	INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER		
Lab 6	CONTINUING STANDARD		
COMPOUND	MASS	RT	%DIFF
CARBON TETRACHLORIDE	50	7.7	54.2
CHLOROFORM	50	7.1	53.1
1,1-DICHLORO ETHANE	50	5.7	54.8
1,2-DICHLORO ETHANE	50	8.0	55.2
1,1-DICHLORO ETHENE	50	4.1	50.3
CIS-1,2-DICHLORO ETHENE	50	6.5	50.8
TRANS-1,2-DICHLORO ETHENE	50	5.1	54.2
DICHLOROMETHANE	50	4.8	54.8
TETRACHLORO ETHENE	50	12.9	53.8
1,1,1,2-TETRACHLORO ETHANE	50	15.2	58.3
1,1,2,2-TETRACHLORO ETHANE	50	18.3	54.6
1,1,1-TRICHLORO ETHANE	50	7.4	52.4
1,1,2-TRICHLORO ETHANE	50	12.6	51.1
TRICHLORO ETHENE	50	9.1	47.3
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	50	4.1	61.7
BENZENE	50	7.9	56.4
CHLOROBENZENE	50	14.9	54.1
ETHYLBENZENE	50	15.2	56.4
TOLUENE	50	11.6	55.2
m&p-XYLENES	100	15.5	118
o-XYLENE	50	16.5	55.6

ANALYSES PERFORMED ON-SITE IN DOHS CERTIFIED MOBILE LABORATORY (CERT #1561)

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS



SOIL GAS INITIAL LCS STANDARD REPORT (CALIBRATION VERIFICATION)

LAB: Lab 6

SUPPLY SOURCE: SUPELCO LOT #LSS-774

INSTRUMENT: AGILENT 6850 GC / 5973 MASS SPECTROMETER

COMPOUND	CAL DATE	MASS	RT	RESULT	%DIFF
CARBON TETRACHLORIDE	8/12/2003	50	8.5	49.5	1.0%
CHLOROFORM	8/12/2003	50	8.1	47.9	4.2%
1,1-DICHLORO ETHANE	8/12/2003	50	7.4	49.0	2.0%
1,2-DICHLORO ETHANE	8/12/2003	50	8.6	49.0	2.0%
1,1-DICHLORO ETHENE	8/12/2003	50	6.4	43.9	12.2%
CIS-1,2-DICHLORO ETHENE	8/12/2003	50	7.9	49.6	0.8%
TRANS-1,2-DICHLORO ETHENE	8/12/2003	50	7.1	48.6	2.8%
DICHLOROMETHANE	8/12/2003	50	6.8	47.0	6.0%
TETRACHLORO ETHENE	8/12/2003	50	10.8	50.8	1.6%
1,1,1,2-TETRACHLORO ETHANE	8/12/2003	50	11.7	53.9	7.8%
1,1,2,2-TETRACHLORO ETHANE	8/12/2003	50	12.7	51.1	2.2%
1,1,1-TRICHLORO ETHANE	8/12/2003	50	8.4	48.5	3.0%
1,1,2-TRICHLORO ETHANE	8/12/2003	50	10.6	45.3	9.4%
TRICHLORO ETHENE	8/12/2003	50	9.2	47.1	5.8%
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	8/12/2003	50	6.3	43.4	13.2%
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BENZENE	8/12/2003	50	8.7	48.6	2.8%
ETHYLBENZENE	8/12/2003	50	11.7	54.9	9.8%
TOLUENE	8/12/2003	50	10.3	47.6	4.8%
m&p-XYLENES	8/12/2003	100	11.7	106.8	6.8%
o-XYLENE	8/12/2003	50	12.2	53.0	6.0%

ANALYSES PERFORMED IN CA DOHS MOBILE LABORATORY #1561

ANALYSES PERFORMED BY: MARK BURKE

DATA REVIEWED BY: TAMARA DAVIS