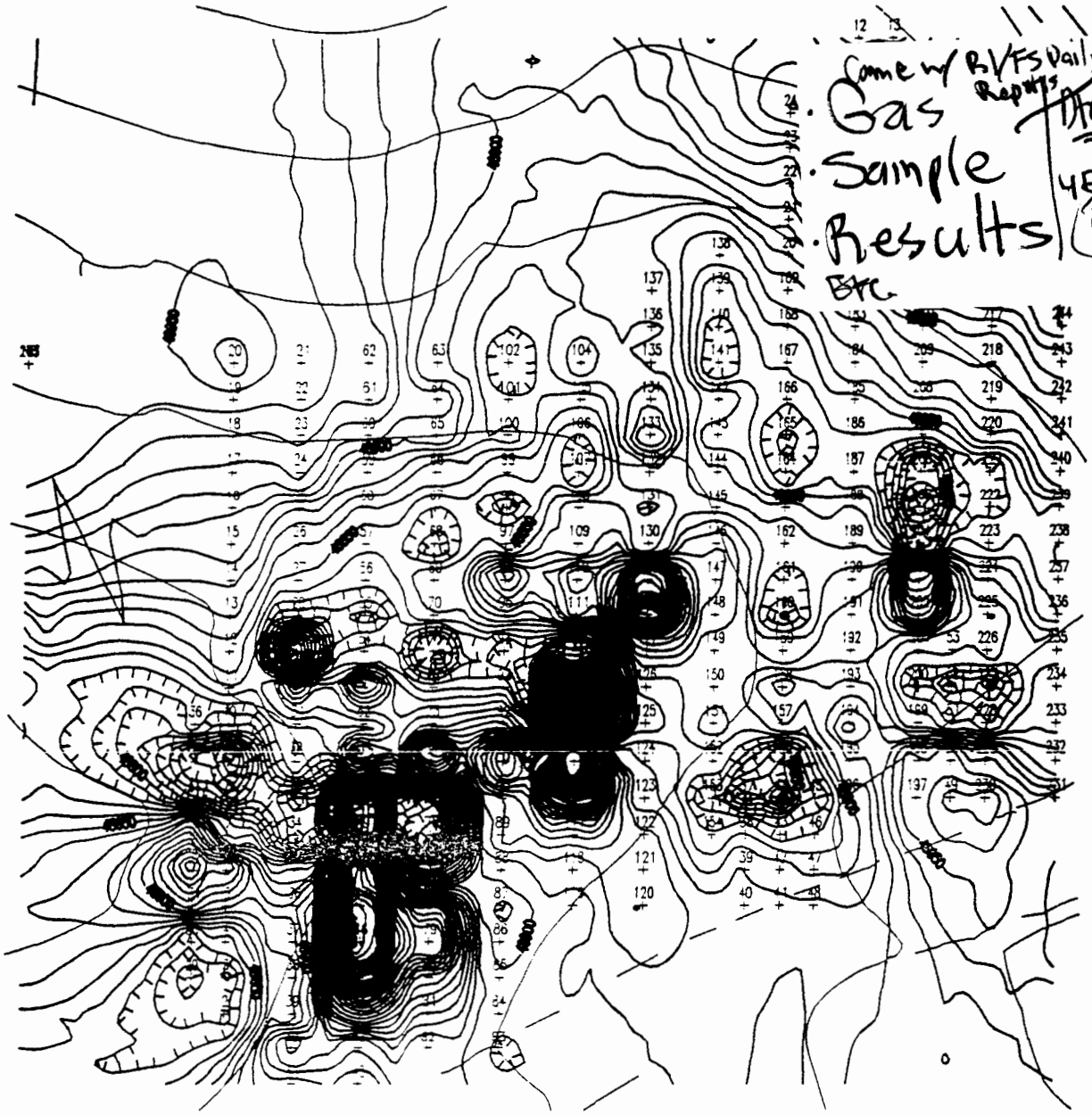


DRAFT

0 50 100
Approximate Scale
(in feet)

NORTH

AREA 2 NEW

MAGNETOMETER SURVEY

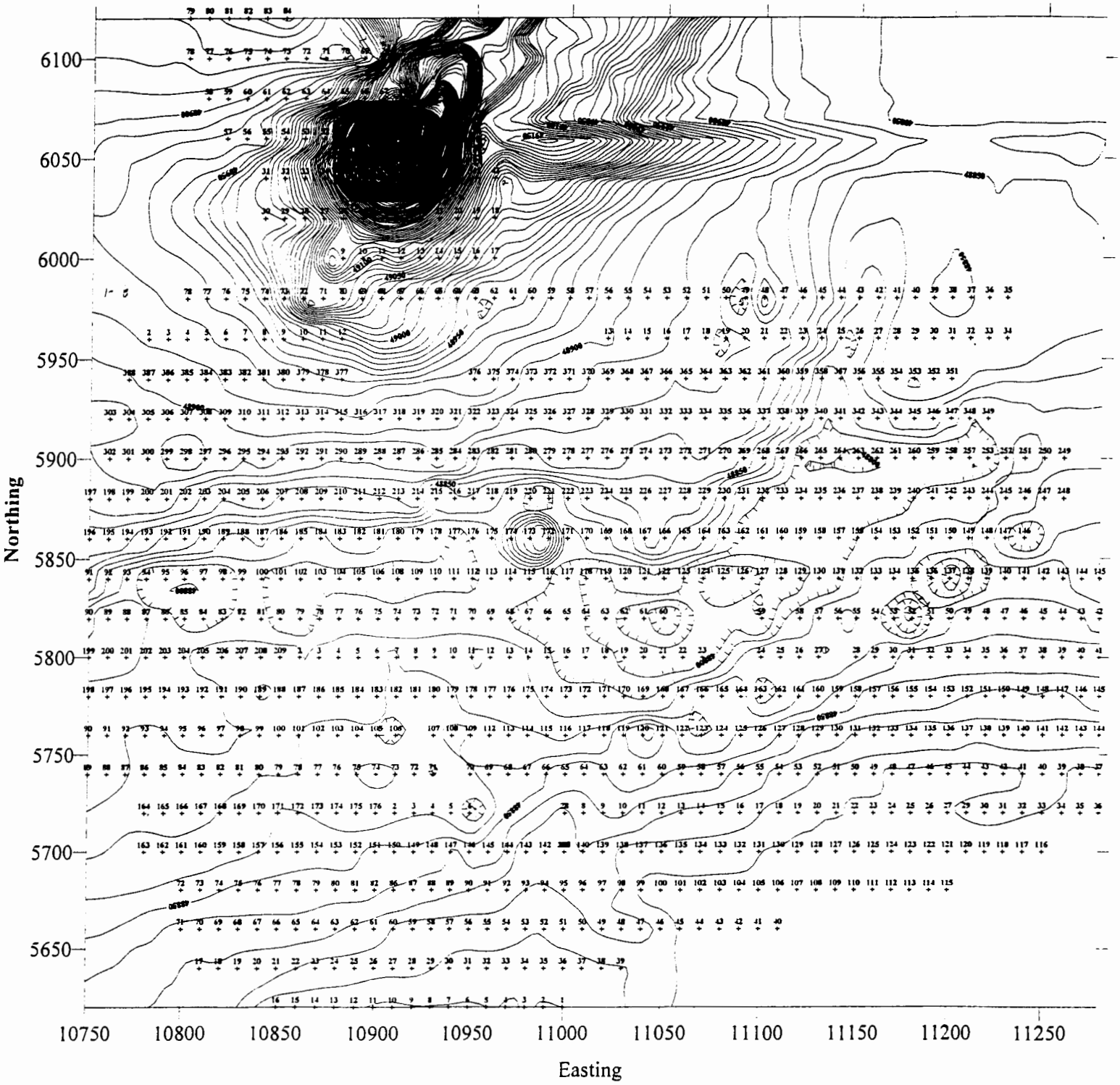
WHITTAKER CORPORATION, BERMITE FACILITY
22116 WEST SOLEDAD CANYON ROAD
SANTA CLARITA, CALIFORNIA

Project No. 21001.56	Drawn CCB
File No. GA2N	Prepared JRH
Revision 0	Reviewed

Acton • Mickelson • Environmental, Inc.
Consulting Scientists, Engineers, and Geologists
4511 Golden Foothill Parkway, #1
El Dorado Hills, California 95762
(916) 939-7550

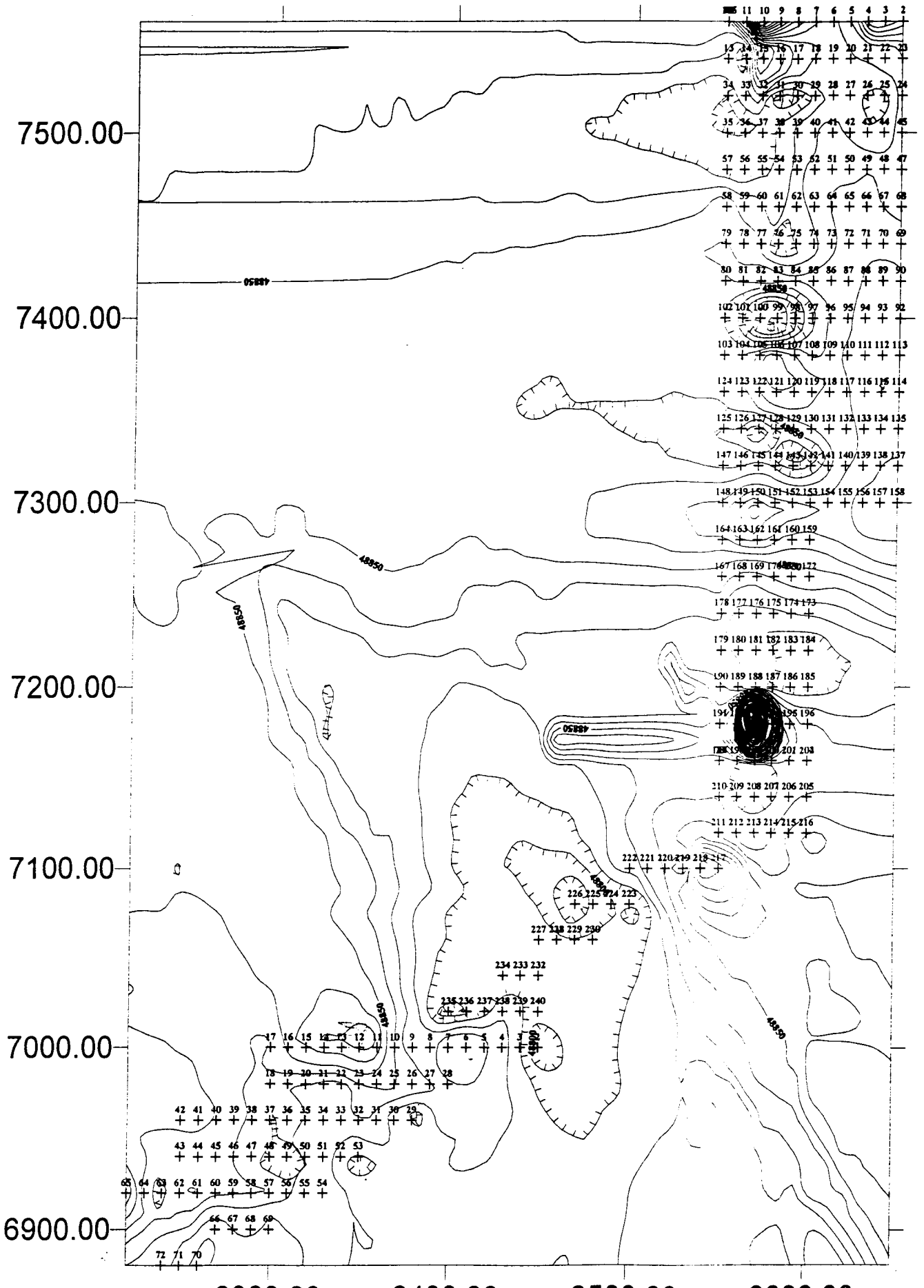
Area 5 & 32: Reject Ridge

DRAFT



Area 16: Hula Bowl #2

DRAFT



0 50 100

Approximate Scale
(in feet)

NORTH

DRAFT

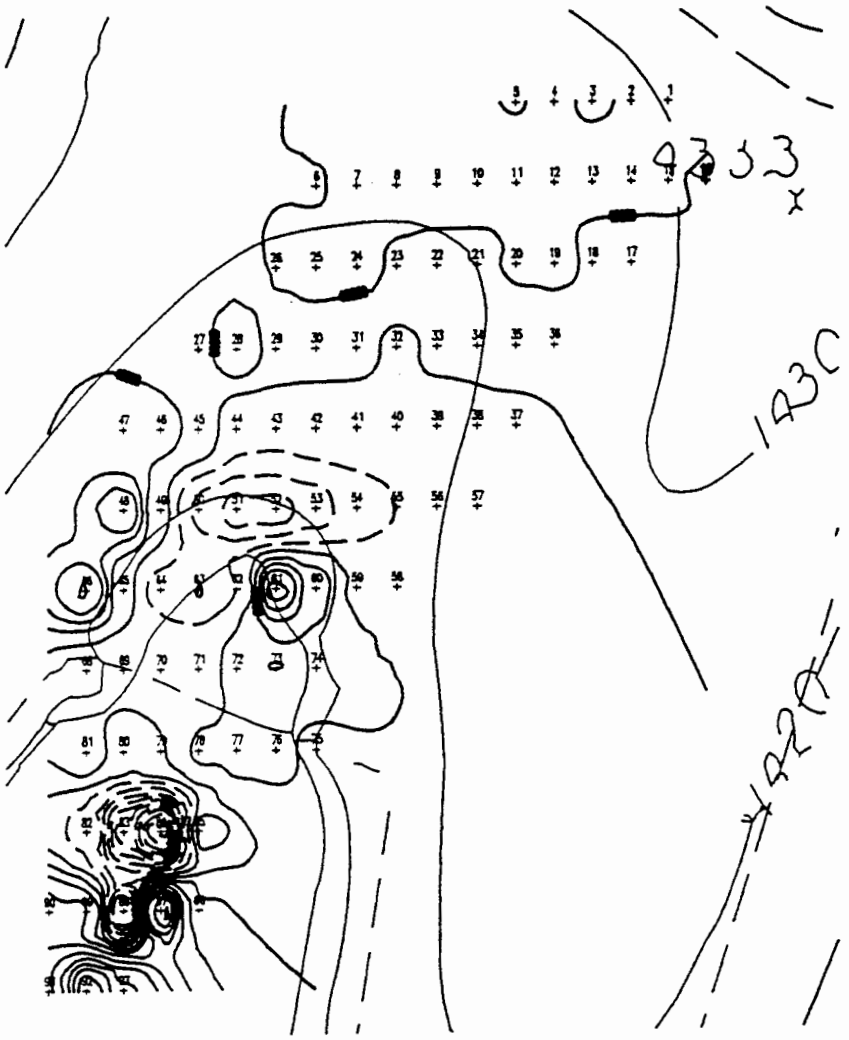
AREA 16-3

MAGNETOMETER SERVEY

WHITTAKER CORPORATION, BERMITE FACILITY
22116 WEST SOLEDAD CANYON ROAD
SANTA CLARITA, CALIFORNIA

Project No. 21001.56	Drawn CCB
File No. GS16P3	Prepared JRH
Revision 0	Reviewed

Acton • Mickelson • Environmental, Inc.
Consulting Scientists, Engineers, and Geologists
4511 Golden Foothill Parkway, #1
El Dorado Hills, California 95762
(916) 939-7550



0 50 100
Approximate Scale
(in feet)

NORTH

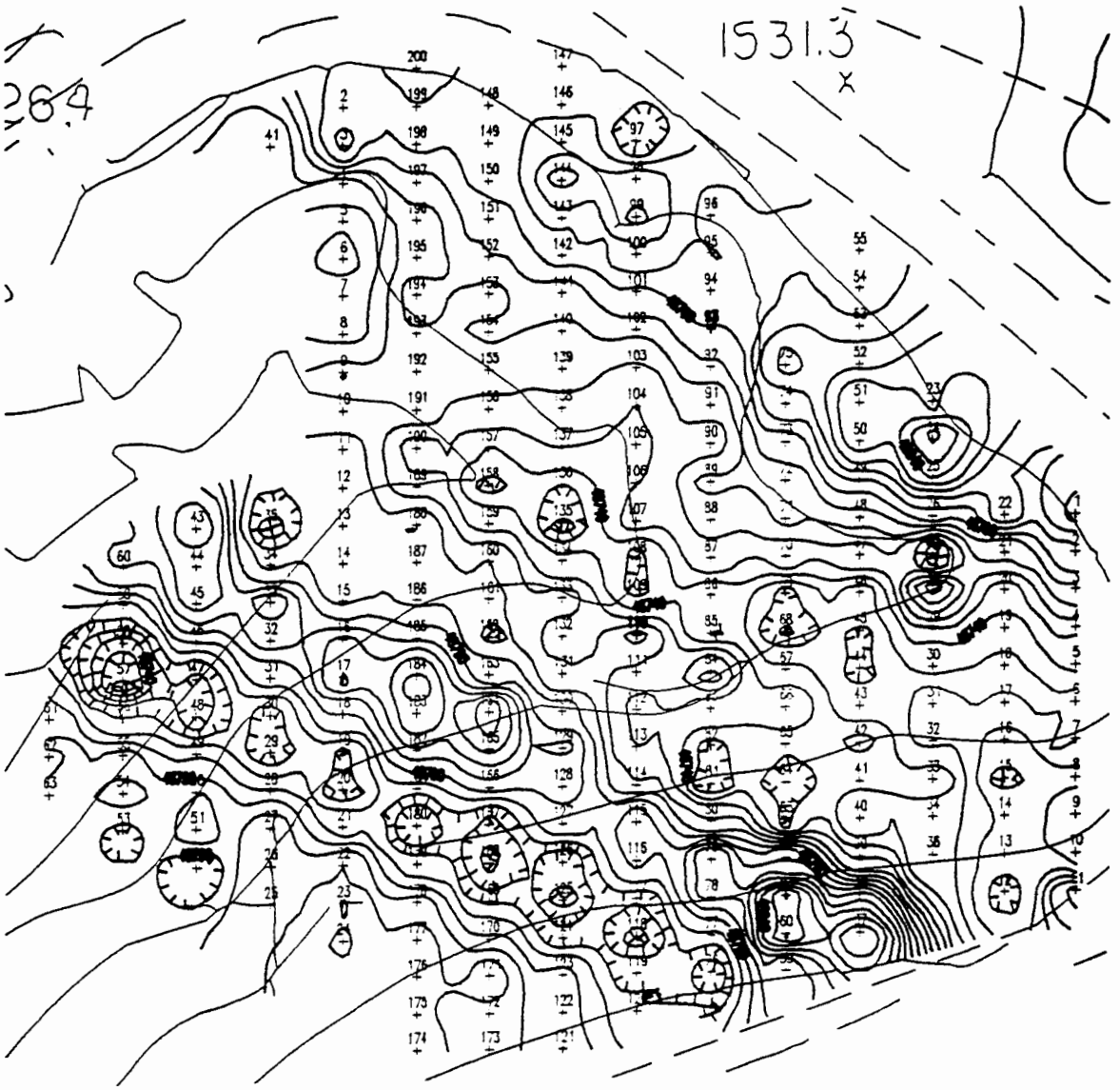
DRAFT

AREA 16–4

MAGNETOMETER SURVEY

WHITTAKER CORPORATION, BERMITE FACILITY
22116 WEST SOLEDAD CANYON ROAD
SANTA CLARITA, CALIFORNIA

Project No.	Drawn	Acton • Mickelson • Environmental, Inc.
21001.56	CCB	Consulting Scientists, Engineers, and Geologists
File No.	Prepared	4511 Golden Foothill Parkway, #1
GS16P4	JRH	



0 50 100

Approximate Scale
(in feet)

NORTH

DRAFT

AREA 76

MAGNETOMETER SURVEY

WHITTAKER CORPORATION, BERMITE FACILITY
22116 WEST SOLEDAD CANYON ROAD
SANTA CLARITA, CALIFORNIA

Project No. 21001.56	Drawn CCB	Acton • Mickelson • Environmental, Inc. Consulting Scientists, Engineers, and Geologists
File No. GS76	Prepared JRH	4511 Golden Foothill Parkway, #1 El Dorado Hills, California 95762
Revision	Reviewed	

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

RECEIVED
NOV 9 1995
By_____

: NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536)
NAME: InterPhase Environmental, Inc.
E: October 2, 1995

ole ID:	Area 60 0062A	Area 60 0062B	Area 60 0062C	Area 60 2062	Area 60 1082	Area 60 2082	Area 60 2022	Area 60 4022	Area 45 6765	Area 45 6785	Area 45 5765A	Area 45 5765B	Area 45 5765C	Area 45 5785	Area 45 5805
oling Depth (ft):	5	5	5	5	5	5	5	5	4	5	3	3	3	4	3
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
orofluoromethane (F-11)	0.002	0.003	0.003	-	-	-	-	-	-	-	0.003	0.003	0.003	-	-
-trichloroethane (1,1,1-TCA)	0.004	^0.002	^0.002	-	-	-	-	-	-	-	-	-	-	-	-
oroethene (TCE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.066
hloroethene (PCE)	-	0.003	0.004	-	-	-	-	-	-	-	-	-	-	-	-
orodifluoromethane (F12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14

micrograms per liter
low reporting limits
ceeds reporting limits
does not exceed detection limits.

DRAFT

ALITY CONTROL SUMMARY

e : 10/02/1995
j # : 9536
emist : John Tangeman
chine ID: Phase 3
pply Source: Chem Service

				1 POINT CALIBRATION CHECK					LCS				
				Calibration Information and Detector Response					Laboratory Control Standard				
		COLUMN	STDconc	Injection 1				% Dif	Actual				% Dif
	DETECTOR	TYPE/SERIAL #	ug/L	uL	area	rf	*Mean rf*	*from mean*	ug/L	uL	area	rf	*from mean*
1	ECD	DB-624/2659423	0.05	150	4092823	0.0183	0.0184	0%	0.045	150	3293479	0.0205	11%
cl2	ECD	DB-624/1213537	20.9	150	1795694	17.5	17.2	2%	20.1	150	1635091	18.4	7%
dca	ECD	DB-624/1213537	25.2	150	714090	52.9	50.1	6%	23.51	150	792844	44.5	11%
3	ECD	DB-624/1213537	0.258	150	4419483	0.0876	0.0797	10%	0.22	150	3949715	0.0836	5%
1-tca	ECD	DB-624/1213537	0.086	150	1994834	0.0647	0.0605	7%	0.077	150	1938880	0.0596	2%
	ECD	DB-624/1213537	0.022	150	3451226	0.0096	0.0086	11%	0.019	150	3017161	0.0094	10%
dca	ECD	DB-624/1213537	19	150	1721728	16.6	18.0	8%	19.2	150	1719055	16.8	7%
	ECD	DB-624/1213537	0.42	150	7268580	0.0867	0.0814	6%	0.49	150	8128518	0.0904	11%
2-tca	ECD	DB-624/1213537	5.35	150	3765061	2.13	1.92	11%	4.73	150	3347753	2.12	10%
	ECD	DB-624/1213537	0.11	150	9736187	0.0169	0.0197	14%	0.107	150	9651739	0.0166	16%
r2cl	ECD	DB-624/1213537	0.108	150	3869659	0.0419	0.0357	17%	0.1	-	-	-	
robenzene	ECD	DB-624/1213537	0.025	150	826178	0.0454	0.0398	14%	0.02	150	657775	0.0456	15%
1,2-pca	ECD	DB-624/1213537	0.014	150	51330626	0.00041	0.00043	5%	0.01	-	-	-	
2,2-pca	ECD	DB-624/1213537	10.6	150	3082739	5.2	25.6	80%	1.2	-	-	-	
dce	PID	DB-1/4540423	27.4	100	388	7.06	7.16	1%	27	100	347	7.78	9%
2-dce	PID	DB-1/4540423	22.04	100	598	3.69	3.30	12%	22.04	100	656	3.36	2%
2-dce	PID	DB-1/4540423	24.92	100	368	6.77	6.32	7%	20.2	100	327	6.18	2%
zene	PID	DB-1/4540423	13.31	100	404	3.29	3.24	2%	15.21	100	410	3.71	14%
	PID	DB-1/4540423	19.51	100	341	5.72	5.91	3%	20.5	100	315	6.51	10%
ene	PID	DB-1/4540423	17.54	100	468	3.75	3.82	2%	17.01	100	396	4.30	12%
	PID	DB-1/4540423	27.04	100	341	7.93	8.51	7%	22.5	100	251	8.96	5%
l benzene	PID	DB-1/4540423	18.51	100	395	4.69	4.94	5%	17.76	100	310	5.73	16%
-xylene	PID	DB-1/4540423	19.86	100	549	3.62	4.05	11%	20.05	100	453	4.43	9%
lene	PID	DB-1/4540423	19.57	100	450	4.35	5.08	14%	16.3	100	275	5.93	17%
l chloride	PID	DB-1/4540423	25	100	295	8.47	9.64	12%	50	50	252	9.92	3%
roethane	PID	DB-1/4540423	1130	30	1049	32.3	37.8	15%	102	200	614	33.2	12%
2	ECD	DB-1/4326342	0.479	200	475	0.202	0.208	3%	0.49	200	564	0.174	16%
113	ECD	DB-1/4326342	0.6	200	863	0.139	0.140	1%	0.6	200	895	0.134	4%

ug/L: micrograms per liter
uL: microliters
rf: response factor
STDconc: standard concentration

FID/PID/ECD(with DB-1 column) rf = STD conc. x uL/Area
ECD(with DB-624 column) rf = STD conc. x uL x 10,000/Area

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536).
LAB NAME: InterPhase Environmental, Inc.
DATE: October 3, 1995

						duplicate									
	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45
Sample ID:	5825	5845	5865	5885	5905	5905	5925	5945	5965	5985	4965	4945	4925	4905	4885
Sampling Depth (ft):	5	5	5	5	4	4	5	3.5	4.5	5	4.5	5	5	5	4
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
richlorofluoromethane (F-11)	-	-	-	0.081	0.29	0.27	-	0.011	-	-	-	-	-	-	0.02
carbon tetrachloride (CCl4)	-	-	-	0.012	0.046	0.046	-	-	-	-	-	-	-	-	-
richloroethene (TCE)	0.068	0.32	0.031	-	-	-	-	^0.018	-	-	-	-	-	-	-

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

TE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536) continued.
B NAME: InterPhase Environmental, Inc.
TE: October 3, 1995

	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45
nple ID:	4865	4845	4825	4805	4785	4765	4745	4725	3725
npling Depth (ft):	4	5	5	3.5	5	5	5	5	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
hlorofluoromethane (F-11)	-	-	-	-	-	-	-	-	-
bon tetrachloride (CCl4)	-	-	-	-	-	-	-	-	-
hloroethene (TCE)	-	-	^0.016	-	-	-	-	-	-

L: micrograms per liter
below reporting limits
exceeds reporting limits
does not exceed detection limits.

DRAFT

UALITY CONTROL SUMMARY

te : 10/03/1995
oJ # : 9536
emist : John Tangeman
achine ID: Phase 3
pply Source: Chem Service

				1 POINT CALIBRATION CHECK					LCS				
				Calibration Information and Detector Response					Laboratory Control Standard				
		COLUMN	STDconc	Injection 1				% Dif	Actual				% Dif
	DETECTOR	TYPE/SERIAL #	ug/L	uL	area	rf	*Mean rf*	*from mean*	ug/L	uL	area	rf	*from mean*
:11	ECD	DB-624/2659423	0.05	150	4030141	0.0186	0.0184	1%	0.045	150	3767156	0.0179	3%
2cl2	ECD	DB-624/1213537	20.9	150	1734299	18.1	17.2	5%	20.1	150	1794851	16.8	2%
-dca	ECD	DB-624/1213537	25.2	150	741193	51.0	50.1	2%	23.51	150	794862	44.4	11%
cl3	ECD	DB-624/1213537	0.258	150	5526792	0.0700	0.0797	12%	0.22	150	4410022	0.0748	6%
,1-tca	ECD	DB-624/1213537	0.086	150	1910431	0.0675	0.0605	12%	0.077	150	1993778	0.0579	4%
4	ECD	DB-624/1213537	0.022	150	4370593	0.0076	0.0086	12%	0.019	150	3366386	0.0085	2%
2-dca	ECD	DB-624/1213537	19	150	1607588	17.7	18.0	2%	19.2	150	1806754	15.9	11%
:	ECD	DB-624/1213537	0.42	150	8930243	0.0705	0.0814	13%	0.49	150	8185574	0.0898	10%
,2-tca	ECD	DB-624/1213537	5.35	150	4260986	1.88	1.92	2%	4.73	150	3580748	1.98	3%
:	ECD	DB-624/1213537	0.11	150	8976558	0.0184	0.0197	7%	0.107	150	7222845	0.0222	13%
or2cl	ECD	DB-624/1213537	0.108	150	4979546	0.0325	0.0357	9%	0.1	150	3871152	0.0387	8%
orobenzene	ECD	DB-624/1213537	0.025	150	892537	0.0420	0.0398	6%	0.02	150	769115	0.0390	2%
,1,2-pca	ECD	DB-624/1213537	0.014	150	41530107	0.00051	0.00043	18%	0.01	-	-	-	
,2,2-pca	ECD	DB-624/1213537	10.6	150	644930	24.7	25.6	4%	1.2	-	-	-	
-dce	PID	DB-1/4540423	27.4	100	405	6.77	7.16	6%	27	100	356	7.58	6%
,2-dce	PID	DB-1/4540423	22.04	100	691	3.19	3.30	3%	22.04	100	657	3.35	2%
,2-dce	PID	DB-1/4540423	24.92	100	385	6.47	6.32	2%	20.2	100	309	6.54	3%
nzene	PID	DB-1/4540423	13.31	100	393	3.39	3.24	5%	15.21	100	404	3.76	16%
	PID	DB-1/4540423	19.51	100	336	5.81	5.91	2%	20.5	100	310	6.61	12%
uene	PID	DB-1/4540423	17.54	100	436	4.02	3.82	5%	17.01	100	404	4.21	10%
:	PID	DB-1/4540423	27.04	100	326	8.29	8.51	3%	22.5	100	246	9.15	7%
yl benzene	PID	DB-1/4540423	18.51	100	326	5.68	4.94	15%	17.76	100	310	5.73	16%
o-xylene	PID	DB-1/4540423	19.86	100	434	4.58	4.05	13%	20.05	100	451	4.45	10%
ylene	PID	DB-1/4540423	19.57	100	339	5.77	5.08	14%	16.3	100	274	5.95	17%
yl chloride	PID	DB-1/4540423	25	100	273	9.16	9.64	5%	50	50	246	10.16	5%
oroethane	PID	DB-1/4540423	1130	40	1148	39.4	37.8	4%	102	150	357	42.9	13%
12	ECD	DB-1/4326342	0.479	200	445	0.215	0.208	4%	0.49	200	469	0.209	0%
-113	ECD	DB-1/4326342	0.6	200	882	0.136	0.140	3%	0.6	200	893	0.134	4%

ug/L: micrograms per liter
uL: microliters
rf: response factor
STDconc: standard concentration

FID/PID/ECD(with DB-1 column) rf = STD conc. x uL/Area
ECD(with DB-624 column) rf = STD conc. x uL x 10,000/Area

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536).
LAB NAME: InterPhase Environmental, Inc.
DATE: October 4, 1995

				duplicate											
	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45
Sample ID:	3745	3765	3785	3785	3805	3825	3845	3865	3885	3905	3925	2925	2905	2885	2865
Sampling Depth (ft):	5	5	5	5	5	5	5	4	5	3	5	5	5	5	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
trichloroethene (TCE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

ITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536) continued.
AB NAME: InterPhase Environmental, Inc.
ATE: October 4, 1995

									duplicate					
	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45	Area 45
ample ID:	2845	2825	2805	2785	2765	2745	2725	2705	2705	1725	1705	2695	1685	705
ampling Depth (ft):	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
ichloroethene (TCE)	-	-	-	-	-	-	0.081	0.4	0.38	0.13	1.4	0.3	3.1	3.2

g/L: micrograms per liter
: below reporting limits
: exceeds reporting limits
.": does not exceed detection limits.

DRAFT

QUALITY CONTROL SUMMARY

Date : 10/04/1995
Proj # : 9536
Chemist : John Tangeman
Machine ID: Phase 3
Supply Source: Chem Service

				1 POINT CALIBRATION CHECK					LCS				
				Calibration Information and Detector Response					Laboratory Control Standard				
		COLUMN	STDconc	Injection 1				% Dif	Actual				% Dif
	DETECTOR	TYPE/SERIAL #	ug/L	uL	area	rf	*Mean rf*	*from mean*	ug/L	uL	area	rf	*from mean*
cfc11	ECD	DB-624/2659423	0.05	150	4026748	0.0186	0.0184	1%	0.045	150	3932749	0.0172	7%
ch2cl2	ECD	DB-624/1213537	20.9	150	2022040	15.5	17.2	10%	20.1	150	1844152	16.3	5%
1,1-dca	ECD	DB-624/1213537	25.2	150	659438	57.3	50.1	14%	23.51	150	806055	43.8	13%
chcl3	ECD	DB-624/1213537	0.258	150	5365943	0.0721	0.0797	10%	0.22	150	4597011	0.0718	10%
1,1,1-tca	ECD	DB-624/1213537	0.086	150	2389915	0.0540	0.0605	11%	0.077	150	2050490	0.0563	7%
ccl4	ECD	DB-624/1213537	0.022	150	4129384	0.0080	0.0086	7%	0.019	150	3555082	0.0080	7%
1,2-dca	ECD	DB-624/1213537	19	150	1459804	19.5	18.0	8%	19.2	150	1836739	15.7	13%
tce	ECD	DB-624/1213537	0.42	150	6951227	0.0906	0.0814	11%	0.49	150	9996355	0.0735	10%
1,1,2-tca	ECD	DB-624/1213537	5.35	150	4197939	1.91	1.92	0%	4.73	150	3818640	1.86	3%
pce	ECD	DB-624/1213537	0.11	150	8454594	0.0195	0.0197	1%	0.107	150	8209353	0.0196	1%
chbr2cl	ECD	DB-624/1213537	0.108	150	4725433	0.0343	0.0357	4%	0.1	150	4425607	0.0338	5%
chlorobenzene	ECD	DB-624/1213537	0.025	150	919249	0.0408	0.0398	2%	0.02	150	824591	0.0364	9%
1,1,1,2-pca	ECD	DB-624/1213537	0.014	150	48402746	0.00043	0.00043	1%	0.01	-	-	-	
1,1,2,2-pca	ECD	DB-624/1213537	10.6	150	375109	42.4	25.6	66%	1.2	-	-	-	
1,1-dce	PID	DB-1/4540423	27.4	100	411	6.67	7.16	7%	27	100	370	7.30	2%
t-1,2-dce	PID	DB-1/4540423	22.04	100	594	3.71	3.30	12%	22.04	100	619	3.56	8%
c-1,2-dce	PID	DB-1/4540423	24.92	100	366	6.81	6.32	8%	20.2	100	317	6.37	1%
benzene	PID	DB-1/4540423	13.31	100	386	3.45	3.24	6%	15.21	100	444	3.43	6%
tce	PID	DB-1/4540423	19.51	100	329	5.93	5.91	0%	20.5	100	332	6.17	4%
toluene	PID	DB-1/4540423	17.54	100	400	4.39	3.82	15%	17.01	100	408	4.17	9%
pce	PID	DB-1/4540423	27.04	100	311	8.69	8.51	2%	22.5	100	264	8.52	0%
ethyl benzene	PID	DB-1/4540423	18.51	100	331	5.59	4.94	13%	17.76	100	313	5.67	15%
m,p-xylene	PID	DB-1/4540423	19.86	100	433	4.59	4.05	13%	20.05	100	421	4.76	18%
o-xylene	PID	DB-1/4540423	19.57	100	347	5.64	5.08	11%	16.3	100	287	5.68	12%
vinyl chloride	PID	DB-1/4540423	25	100	286	8.74	9.64	9%	50	50	264	9.47	2%
chloroethane	PID	DB-1/4540423	1130	30	1030	32.9	37.8	13%	102	100	227	44.9	19%
cfc12	ECD	DB-1/4326342	0.479	200	441	0.217	0.208	4%	0.49	200	451	0.217	4%
cfc-113	ECD	DB-1/4326342	0.6	200	919	0.131	0.140	7%	0.6	200	904	0.133	5%

ug/L: micrograms per liter
uL: microliters
rf: response factor
STDconc: standard concentration

FID/PID/ECD(with DB-1 column) rf = STD conc. x uL/Area
ECD(with DB-624 column) rf = STD conc. x uL x 10,000/Area

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536).
LAB NAME: InterPhase Environmental, Inc.
DATE: October 5, 1995

	Area 45	Area 45	Area 45	Area 45	Area 45	Area 31	Area 31	Area 31	Area 31	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47
Sample ID:	3960	2965	1965	1945	1925	545	525	8525	8545	7892A	7892B	7892C	6892	5892	4892
Sampling Depth (ft):	5	5	5	5	3.5	5	5	5	5	5	5	5	5	5	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
1,1,1-trichloroethane (1,1,1-TCA)	-	-	-	-	-	-	-	-	-	-	-	-	-	0.011	-
carbon tetrachloride (CCl4)	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-
trichloroethene (TCE)	-	0.051	2.2	0.046	-	-	-	-	-	-	-	-	-	-	-
tetrachloroethene (PCE)	-	-	-	-	-	-	-	-	-	0.014	0.025	0.024	0.086	0.078	0.025

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

ITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536) continued.
AB NAME: InterPhase Environmental, Inc.
ATE: October 5, 1995

	duplicate								
	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47
ample ID:	4892	3892	2892	1892	1912	2912	3912	4912	5912
ampling Depth (ft):	5	5	5	5	5	5	5	5	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
,1,1-trichloroethane (1,1,1-TCA)	-	-	-	-	-	-	-	-	-
arbon tetrachloride (CCl4)	-	-	-	-	-	-	-	-	-
ichloroethene (TCE)	-	-	-	-	-	-	-	-	-
trachloroethene (PCE)	0.028	0.025	-	-	0.021	-	0.019	0.01	0.012

g/L: micrograms per liter
: below reporting limits
: exceeds reporting limits
": does not exceed detection limits.

DRAFT

QUALITY CONTROL SUMMARY

Date : 10/05/1995
Proj # : 9536
Chemist : John Tangeman
Machine ID: Phase 3
Supply Source: Chem Service

				1 POINT CALIBRATION CHECK					LCS				
				Calibration Information and Detector Response					Laboratory Control Standard				
		COLUMN	STDconc	Injection 1				% Dif	Actual				% Dif
	DETECTOR	TYPE/SERIAL #	ug/L	uL	area	rf	*Mean rf*	*from mean*	ug/L	uL	area	rf	*from mean*
cfc11	ECD	DB-624/2659423	0.05	150	4048649	0.0185	0.0184	1%	0.045	150	3836976	0.0176	4%
ch2cl2	ECD	DB-624/1213537	20.9	150	1793346	17.5	17.2	2%	20.1	150	1834727	16.4	4%
1,1-dca	ECD	DB-624/1213537	25.2	150	753802	50.1	50.1	0%	23.51	150	847387	41.6	17%
chcl3	ECD	DB-624/1213537	0.258	150	4398086	0.0880	0.0797	10%	0.22	150	4367221	0.0756	5%
1,1,1-tca	ECD	DB-624/1213537	0.086	150	1987802	0.0649	0.0605	7%	0.077	150	1967574	0.0587	3%
ccl4	ECD	DB-624/1213537	0.022	150	3386697	0.0097	0.0086	13%	0.019	150	3416934	0.0083	3%
1,2-dca	ECD	DB-624/1213537	19	150	1731365	16.5	18.0	9%	19.2	150	1821288	15.8	12%
tce	ECD	DB-624/1213537	0.42	150	7113540	0.0886	0.0814	9%	0.49	150	7503787	0.0980	20%
1,1,2-tca	ECD	DB-624/1213537	5.35	150	4742061	1.69	1.92	12%	4.73	150	3593352	1.97	3%
pce	ECD	DB-624/1213537	0.11	150	8535510	0.0193	0.0197	2%	0.107	150	9197654	0.0175	11%
chbr2cl	ECD	DB-624/1213537	0.108	150	5208869	0.0311	0.0357	13%	0.1	150	3749661	0.0400	12%
chlorobenzene	ECD	DB-624/1213537	0.025	150	1006708	0.0373	0.0398	6%	0.02	150	745705	0.0402	1%
1,1,1,2-pca	ECD	DB-624/1213537	0.014	150	54536567	0.00039	0.00043	10%	0.01	-	-	-	
1,1,2,2-pca	ECD	DB-624/1213537	10.6	150	3547414	4.5	25.6	82%	1.2	-	-	-	
1,1-dce	PID	DB-1/4540423	27.4	100	387	7.08	7.16	1%	27	100	371	7.28	2%
-1,2-dce	PID	DB-1/4540423	22.04	100	608	3.63	3.30	10%	22.04	100	629	3.50	6%
c-1,2-dce	PID	DB-1/4540423	24.92	100	372	6.70	6.32	6%	20.2	100	309	6.54	3%
benzene	PID	DB-1/4540423	13.31	100	396	3.36	3.24	4%	15.21	100	436	3.49	8%
ce	PID	DB-1/4540423	19.51	100	332	5.88	5.91	1%	20.5	100	323	6.35	7%
oluene	PID	DB-1/4540423	17.54	100	439	4.00	3.82	5%	17.01	100	415	4.10	7%
pce	PID	DB-1/4540423	27.04	100	306	8.84	8.51	4%	22.5	100	273	8.24	3%
thyl benzene	PID	DB-1/4540423	18.51	100	343	5.40	4.94	9%	17.76	100	319	5.57	13%
n,p-xylene	PID	DB-1/4540423	19.86	100	451	4.40	4.05	9%	20.05	100	443	4.53	12%
o-xylene	PID	DB-1/4540423	19.57	100	357	5.48	5.08	8%	16.3	100	274	5.95	17%
vinyl chloride	PID	DB-1/4540423	25	100	268	9.33	9.64	3%	50	50	260	9.62	0%
chloroethane	PID	DB-1/4540423	1130	50	1126	39.6	37.8	5%	102	100	280	36.4	4%
cfc12	ECD	DB-1/4326342	0.479	200	520	0.184	0.208	11%	0.49	200	506	0.194	7%
cfc-113	ECD	DB-1/4326342	0.6	200	872	0.138	0.140	2%	0.6	200	860	0.140	0%

ug/L: micrograms per liter
uL: microliters
rf: response factor
STDconc: standard concentration

FID/PID/ECD(with DB-1 column) rf = STD conc. x uL/Area
ECD(with DB-624 column) rf = STD conc. x uL x 10,000/Area

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536).
LAB NAME: InterPhase Environmental, Inc.
DATE: October 6, 1995

	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47	Area 47	duplicate Area 47	Area 47	Area 47
Sample ID:	5912B	6912	7912	7932	6932	5932	4932	3932	1932	1952	2952	3952	3952	4952	5952
Sampling Depth (ft):	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
trichloroethene (TCE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.071
tetrachloroethene (PCE)	0.029	-	0.018	0.016	-	0.022	-	-	0.015	-	0.019	0.011	0.011	0.039	0.014

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536) continued.
LAB NAME: InterPhase Environmental, Inc.
DATE: October 6, 1995

	Area 47	Area 47
Sample ID:	6952	7952
Sampling Depth (ft):	5	5
	(ug/L)	(ug/L)
trichloroethene (TCE)	-	-
tetrachloroethene (PCE)	-	-

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

DRAFT

QUALITY CONTROL SUMMARY

Date : 10/06/1995
Proj # : 9536
Chemist : John Tangeman
Machine ID: Phase 3
Supply Source: Chem Service

				1 POINT CALIBRATION CHECK					LCS				
				Calibration Information and Detector Response					Laboratory Control Standard				
		COLUMN	STDconc	Injection 1				% Dif	Actual				% Dif
	DETECTOR	TYPE/SERIAL #	ug/L	uL	area	rf	*Mean rf*	*from mean*	ug/L	uL	area	rf	*from mean*
cfc11	ECD	DB-624/2659423	0.05	150	3858094	0.0194	0.0184	6%	0.045	150	3777502	0.0179	3%
ch2cl2	ECD	DB-624/1213537	20.9	150	1649662	19.0	17.2	10%	20.1	150	1763913	17.1	1%
1,1-dca	ECD	DB-624/1213537	25.2	150	751170	50.3	50.1	0%	23.51	150	845285	41.7	17%
chcl3	ECD	DB-624/1213537	0.258	150	4804629	0.0805	0.0797	1%	0.22	150	4335380	0.0761	4%
1,1,1-tca	ECD	DB-624/1213537	0.086	150	2244467	0.0575	0.0605	5%	0.077	150	2018016	0.0572	5%
ccl4	ECD	DB-624/1213537	0.022	150	3821509	0.0086	0.0086	0%	0.019	150	3346859	0.0085	1%
1,2-dca	ECD	DB-624/1213537	19	150	1586937	18.0	18.0	0%	19.2	150	1745710	16.5	8%
tce	ECD	DB-624/1213537	0.42	150	7395483	0.0852	0.0814	5%	0.49	150	8479030	0.0867	6%
1,1,2-tca	ECD	DB-624/1213537	5.35	150	4876813	1.65	1.92	14%	4.73	150	3170728	2.24	17%
pce	ECD	DB-624/1213537	0.11	150	8140252	0.0203	0.0197	3%	0.107	150	8529097	0.0188	4%
chbr2cl	ECD	DB-624/1213537	0.108	150	5000841	0.0324	0.0357	9%	0.1	150	3664184	0.0409	15%
chlorobenzene	ECD	DB-624/1213537	0.025	150	1049477	0.0357	0.0398	10%	0.02	-	-	-	
1,1,1,2-pca	ECD	DB-624/1213537	0.014	150	49364436	0.00043	0.00043	1%	0.01	-	-	-	
1,1,2,2-pca	ECD	DB-624/1213537	10.6	150	646371	24.6	25.6	4%	1.2	-	-	-	
1,1-dce	PID	DB-1/4540423	27.4	100	431	6.36	7.16	11%	27	100	399	6.77	5%
t-1,2-dce	PID	DB-1/4540423	22.04	100	748	2.95	3.30	11%	22.04	100	615	3.58	9%
c-1,2-dce	PID	DB-1/4540423	24.92	100	393	6.34	6.32	0%	20.2	100	315	6.41	1%
benzene	PID	DB-1/4540423	13.31	100	408	3.26	3.24	1%	15.21	100	444	3.43	6%
tce	PID	DB-1/4540423	19.51	100	343	5.69	5.91	4%	20.5	100	332	6.17	4%
toluene	PID	DB-1/4540423	17.54	100	412	4.26	3.82	11%	17.01	100	402	4.23	11%
pce	PID	DB-1/4540423	27.04	100	343	7.88	8.51	7%	22.5	100	248	9.07	7%
ethyl benzene	PID	DB-1/4540423	18.51	100	412	4.49	4.94	9%	17.76	100	354	5.02	2%
m,p-xylene	PID	DB-1/4540423	19.86	100	436	4.56	4.05	12%	20.05	100	451	4.45	10%
o-xylene	PID	DB-1/4540423	19.57	100	344	5.69	5.08	12%	16.3	100	280	5.82	15%
vinyl chloride	PID	DB-1/4540423	25	100	298	8.39	9.64	13%	50	50	265	9.43	2%
chloroethane	PID	DB-1/4540423	1130	40	1122	40.3	37.8	7%	102	200	564	36.2	4%
cfc12	ECD	DB-1/4326342	0.479	200	479	0.200	0.208	4%	0.49	200	508	0.193	7%
cfc-113	ECD	DB-1/4326342	0.6	200	945	0.127	0.140	9%	0.6	100	535	0.112	20%

ug/L: micrograms per liter
uL: microliters
rf: response factor
STDconc: standard concentration

FID/PID/ECD(with DB-1 column) rf = STD conc. x uL/Area
ECD(with DB-624 column) rf = STD conc. x uL x 10,000/Area

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536).
LAB NAME: InterPhase Environmental, Inc.
DATE: October 9, 1995

	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 33
Sample ID:	3	4	2	1	8	7	5	10	9	13	12	14	15	11	1A
Sampling Depth (ft):	5	5	5	5	5	5	3	5	3	3	5	3	3	5	3
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
trichlorofluoromethane (F11)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	^0.002
trichloroethene (TCE)	-	-	-	-	-	-	-	^0.015	-	-	^0.01	-	-	0.071	^0.007
tetrachloroethene (PCE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	^0.003

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536) continued.
LAB NAME: InterPhase Environmental, Inc.
DATE: October 9, 1995

				duplicate
	Area 33	Area 33	Area 33	Area 33
Sample ID:	1B	1C	2	2
Sampling Depth (ft):	3	3	3	3
	(ug/L)	(ug/L)	(ug/L)	(ug/L)
richlorofluoromethane (F11)	^0.002	^0.002	-	-
richloroethene (TCE)	^0.009	^0.003	-	-
etrachloroethene (PCE)	^0.002	^0.002	-	-

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

DRAFT

QUALITY CONTROL SUMMARY

Date : 10/09/1995
Proj # : 9536
Chemist : John Tangeman
Machine ID: Phase 3
Supply Source: Chem Service

				1 POINT CALIBRATION CHECK					LCS				
				Calibration Information and Detector Response					Laboratory Control Standard				
		COLUMN	STDconc	Injection 1				% Dif	Actual				% Dif
	DETECTOR	TYPE/SERIAL #	ug/L	uL	area	rf	*Mean rf*	*from mean*	ug/L	uL	area	rf	*from mean*
cfc11	ECD	DB-624/2659423	0.05	150	4120744	0.0182	0.0184	1%	0.045	150	3636902	0.0186	1%
ch2cl2	ECD	DB-624/1213537	20.9	150	1763169	17.8	17.2	3%	20.1	150	1800322	16.7	3%
1,1-dca	ECD	DB-624/1213537	25.2	150	736786	51.3	50.1	2%	23.51	150	873842	40.4	19%
chcl3	ECD	DB-624/1213537	0.258	150	4345800	0.0891	0.0797	12%	0.22	150	4253631	0.0776	3%
1,1,1-tca	ECD	DB-624/1213537	0.086	150	2071442	0.0623	0.0605	3%	0.077	150	1959608	0.0589	3%
ccl4	ECD	DB-624/1213537	0.022	150	3512856	0.0094	0.0086	9%	0.019	150	3281654	0.0087	1%
1,2-dca	ECD	DB-624/1213537	19	150	1479113	19.3	18.0	7%	19.2	150	1834724	15.7	13%
tce	ECD	DB-624/1213537	0.42	150	6819699	0.0924	0.0814	13%	0.49	150	8657903	0.0849	4%
1,1,2-tca	ECD	DB-624/1213537	5.35	150	4017482	2.00	1.92	4%	4.73	150	3521952	2.01	5%
pce	ECD	DB-624/1213537	0.11	150	8586725	0.0192	0.0197	2%	0.107	150	7432553	0.0216	10%
chbr2cl	ECD	DB-624/1213537	0.108	150	4221636	0.0384	0.0357	7%	0.1	150	3680343	0.0407	14%
chlorobenzene	ECD	DB-624/1213537	0.025	150	866613	0.0433	0.0398	9%	0.02	150	743400	0.4030	1%
1,1,1,2-pca	ECD	DB-624/1213537	0.014	150	35060824	0.00060	0.00043	39%	0.01	-	-	-	
1,1,2,2-pca	ECD	DB-624/1213537	10.6	150	2517524	6.3	25.6	75%	1.2	-	-	-	
1,1-dce	PID	DB-1/4540423	27.4	100	431	6.36	7.16	11%	27	100	342	7.89	10%
t-1,2-dce	PID	DB-1/4540423	22.04	100	676	3.26	3.30	1%	22.04	100	659	3.34	1%
c-1,2-dce	PID	DB-1/4540423	24.92	100	406	6.14	6.32	3%	20.2	100	304	6.64	5%
benzene	PID	DB-1/4540423	13.31	100	443	3.00	3.24	7%	15.21	100	440	3.46	7%
tce	PID	DB-1/4540423	19.51	100	375	5.20	5.91	12%	20.5	100	321	6.39	8%
toluene	PID	DB-1/4540423	17.54	100	457	3.84	3.82	0%	17.01	100	426	3.99	5%
pce	PID	DB-1/4540423	27.04	100	365	7.41	8.51	13%	22.5	100	268	8.40	1%
ethyl benzene	PID	DB-1/4540423	18.51	100	402	4.60	4.94	7%	17.76	100	341	5.21	5%
m,p-xylene	PID	DB-1/4540423	19.86	100	545	3.64	4.05	10%	20.05	100	485	4.13	2%
o-xylene	PID	DB-1/4540423	19.57	100	409	4.78	5.08	6%	16.3	100	302	5.40	6%
vinyl chloride	PID	DB-1/4540423	25	100	294	8.50	9.64	12%	50	50	250	10.00	4%
chloroethane	PID	DB-1/4540423	1130	40	1045	43.3	37.8	14%	102	50	121	42.1	12%
cfc12	ECD	DB-1/4326342	0.479	200	474	0.202	0.208	3%	0.49	100	272	0.180	13%
cfc-113	ECD	DB-1/4326342	0.6	200	998	0.120	0.140	14%	0.6	200	974	0.123	12%

ug/L: micrograms per liter
uL: microliters
rf: response factor
STDconc: standard concentration

FID/PID/ECD(with DB-1 column) rf = STD conc. x uL/Area
ECD(with DB-624 column) rf = STD conc. x uL x 10,000/Area

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536).
LAB NAME: InterPhase Environmental, Inc.
DATE: October 10, 1995

	Area 60	Area 60	Area 60	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33
Sample ID:	3	2	1	3	4	5	6	7	8	9	10	11	12	13	14
Sampling Depth (ft):	5	3	3	5	5	5	5	5	5	5	5	5	5	3	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
trichlorofluoromethane (F11)	-	-	-	-	-	-	-	-	0.031	-	-	-	0.011	0.18	-
chloroform (CHCl3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
carbon tetrachloride (CCl4)	-	-	-	-	-	-	-	-	0.022	-	-	-	-	0.13	-
trichloroethene (TCE)	-	-	-	^0.015	-	-	-	-	0.11	-	-	-	-	0.13	-
dichlorodifluoromethane (F12)	-	-	-	-	-	0.97	-	-	-	-	-	-	-	-	-
trichlorotrifluoroethane (F113)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536) continued.
LAB NAME: InterPhase Environmental, Inc.
DATE: October 10, 1995

						duplicate							
	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33
Sample ID:	15	16	17	18	19	19	23	22	21	20	24	25	26
Sampling Depth (ft):	5	5	5	3	5	5	5	5	5	5	5	5	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
trichlorofluoromethane (F11)	0.016	-	-	0.025	-	-	-	-	0.039	0.023	0.02	-	-
chloroform (CHCl3)	-	-	-	-	-	-	-	-	-	-	-	-	0.083
carbon tetrachloride (CCl4)	-	-	-	-	0.019	0.018	-	-	-	-	-	-	0.67
trichloroethene (TCE)	-	-	-	-	-	-	-	-	-	-	-	-	0.026
dichlorodifluoromethane (F12)	-	-	-	-	-	-	-	-	-	-	-	-	-
trichlorotrifluoroethane (F113)	-	-	-	-	-	-	-	-	-	-	-	-	0.074

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

DRAFT

QUALITY CONTROL SUMMARY

Date : 10/10/1995
Proj # : 9536
Chemist : John Tangeman
Machine ID: Phase 3
Supply Source: Chem Service

				1 POINT CALIBRATION CHECK					LCS				
				Calibration Information and Detector Response					Laboratory Control Standard				
		COLUMN	STDconc	Injection 1				% Dif	Actual				% Dif
	DETECTOR	TYPE/SERIAL #	ug/L	uL	area	rf	*Mean rf*	*from mean*	ug/L	uL	area	rf	*from mean*
cfc11	ECD	DB-624/2659423	0.05	150	4308201	0.0174	0.0184	5%	0.045	150	3726735	0.0181	2%
ch2cl2	ECD	DB-624/1213537	20.9	150	1820564	17.2	17.2	0%	20.1	150	1712776	17.6	2%
1,1-dca	ECD	DB-624/1213537	25.2	150	748508	50.5	50.1	1%	23.51	150	621515	56.7	13%
chcl3	ECD	DB-624/1213537	0.258	150	4429053	0.0874	0.0797	10%	0.22	150	4349013	0.0759	5%
1,1,1-tca	ECD	DB-624/1213537	0.086	150	2090581	0.0617	0.0605	2%	0.077	150	1951378	0.0592	2%
ccl4	ECD	DB-624/1213537	0.022	150	3517844	0.0094	0.0086	9%	0.019	150	3333531	0.0085	1%
1,2-dca	ECD	DB-624/1213537	19	150	1681946	16.9	18.0	6%	19.2	150	1703721	16.9	6%
tce	ECD	DB-624/1213537	0.42	150	8779514	0.0718	0.0814	12%	0.49	150	9885363	0.0744	9%
1,1,2-tca	ECD	DB-624/1213537	5.35	150	3992849	2.01	1.92	5%	4.73	150	3513281	2.02	5%
pce	ECD	DB-624/1213537	0.11	150	8637496	0.0191	0.0197	3%	0.107	150	7214683	0.0222	13%
chbr2cl	ECD	DB-624/1213537	0.108	150	4279987	0.0379	0.0357	6%	0.1	150	3712297	0.0404	13%
chlorobenzene	ECD	DB-624/1213537	0.025	150	832629	0.0450	0.0398	13%	0.02	150	718052	0.0417	5%
1,1,1,2-pca	ECD	DB-624/1213537	0.014	150	38045246	0.00055	0.00043	28%	0.01	-	-	-	
1,1,2,2-pca	ECD	DB-624/1213537	10.6	150	441560	36.0	25.6	41%	1.2	-	-	-	
1,1-dce	PID	DB-1/4540423	27.4	100	448	6.12	7.16	15%	27	100	420	6.43	10%
t-1,2-dce	PID	DB-1/4540423	22.04	100	726	3.04	3.30	8%	22.04	100	670	3.29	0%
c-1,2-dce	PID	DB-1/4540423	24.92	100	417	5.98	6.32	5%	20.2	100	341	5.92	6%
benzene	PID	DB-1/4540423	13.31	100	434	3.07	3.24	5%	15.21	100	495	3.07	5%
tce	PID	DB-1/4540423	19.51	100	361	5.40	5.91	9%	20.5	100	355	5.77	2%
toluene	PID	DB-1/4540423	17.54	100	477	3.68	3.82	4%	17.01	100	473	3.60	6%
pce	PID	DB-1/4540423	27.04	100	329	8.22	8.51	3%	22.5	100	292	7.71	9%
ethyl benzene	PID	DB-1/4540423	18.51	100	351	5.27	4.94	7%	17.76	100	376	4.72	4%
m,p-xylene	PID	DB-1/4540423	19.86	100	445	4.46	4.05	10%	20.05	100	548	3.66	10%
o-xylene	PID	DB-1/4540423	19.57	100	344	5.69	5.08	12%	16.3	100	336	4.85	5%
vinyl chloride	PID	DB-1/4540423	25	100	293	8.53	9.64	11%	50	50	297	8.42	13%
chloroethane	PID	DB-1/4540423	1130	20	675	33.5	37.8	11%	102	200	527	38.7	2%
cfc12	ECD	DB-1/4326342	0.479	200	513	0.187	0.208	10%	0.49	200	460	0.213	2%
cfc-113	ECD	DB-1/4326342	0.6	200	883	0.136	0.140	3%	0.6	200	1005	0.119	15%

ug/L: micrograms per liter
uL: microliters
rf: response factor
STDconc: standard concentration

FID/PID/ECD(with DB-1 column) rf = STD conc. x uL/Area
ECD(with DB-624 column) rf = STD conc. x uL x 10,000/Area

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

ITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536).
AB NAME: InterPhase Environmental, Inc.
ATE: October 11, 1995

	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	Area 33	duplicate Area 33	Area 33
ample ID:	35	36	30	27	32	38	37	42	47	41	46	50	45	45	31
ampling Depth (ft):	5	3	5	5	5	5	5	5	5	5	5	3	5	5	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
richlorofluoromethane (F11)	-	-	-	0.012	-	-	0.014	-	-	0.013	-	-	0.024	0.023	0.023
hloroform (CHCl3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
,1,1-trichloroethane (1,1,1-TCA)	-	-	-	0.013	0.012	0.019	0.012	0.012	-	-	0.014	-	-	-	0.01
arbon tetrachloride (CCl4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013
richloroethene (TCE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
etrachloroethene (PCE)	0.025	-	0.034	0.013	0.015	0.03	0.012	0.016	0.011	0.014	0.013	0.019	0.014	0.013	0.018

ıg/L: micrograms per liter
": below reporting limits
": exceeds reporting limits
-": does not exceed detection limits.

DRAFT

QUALITY CONTROL SUMMARY

Date : 10/11/1995
Proj # : 9536
Chemist : John Tangeman
Machine ID: Phase 3
Supply Source: Chem Service

				1 POINT CALIBRATION CHECK					LCS				
				Calibration Information and Detector Response					Laboratory Control Standard				
		COLUMN	STDconc	Injection 1				% Dif	Actual				% Dif
	DETECTOR	TYPE/SERIAL #	ug/L	uL	area	rf	*Mean rf*	*from mean*	ug/L	uL	area	rf	*from mean*
fcl1	ECD	DB-624/2659423	0.05	150	4177926	0.0180	0.0184	2%	0.045	150	3717409	0.0182	1%
h2cl2	ECD	DB-624/1213537	20.9	150	1809779	17.3	17.2	1%	20.1	150	1701529	17.7	3%
,1-dca	ECD	DB-624/1213537	25.2	150	870925	43.4	50.1	13%	23.51	150	811470	43.5	13%
hcl3	ECD	DB-624/1213537	0.258	150	4444899	0.0871	0.0797	9%	0.22	150	4215848	0.0783	2%
,1,1-tca	ECD	DB-624/1213537	0.086	150	2049185	0.0630	0.0605	4%	0.077	150	2169092	0.0532	12%
cl4	ECD	DB-624/1213537	0.022	150	3517818	0.0094	0.0086	9%	0.019	150	3344296	0.0085	1%
,2-dca	ECD	DB-624/1213537	19	150	1794633	15.9	18.0	12%	19.2	150	1804087	16.0	11%
ce	ECD	DB-624/1213537	0.42	150	7069774	0.0891	0.0814	9%	0.49	150	8930200	0.0823	1%
,1,2-tca	ECD	DB-624/1213537	5.35	150	4480321	1.79	1.92	7%	4.73	150	3330214	2.13	11%
ce	ECD	DB-624/1213537	0.11	150	8044392	0.0205	0.0197	4%	0.107	150	7338980	0.0219	11%
hbr2cl	ECD	DB-624/1213537	0.108	150	4095959	0.0396	0.0357	11%	0.1	150	3641598	0.0411	15%
hlorobenzene	ECD	DB-624/1213537	0.025	150	817420	0.0459	0.0398	15%	0.02	150	706306	0.0424	7%
,1,1,2-pca	ECD	DB-624/1213537	0.014	150	48671812	0.00043	0.00043	0%	0.01	-	-	-	
,1,2,2-pca	ECD	DB-624/1213537	10.6	150	634692	25.1	25.6	2%	1.2	-	-	-	
,1-dce	PID	DB-1/4540423	27.4	100	400	6.85	7.16	4%	27	100	380	7.11	1%
-1,2-dce	PID	DB-1/4540423	22.04	100	627	3.52	3.30	7%	22.04	100	617	3.57	8%
-1,2-dce	PID	DB-1/4540423	24.92	100	384	6.49	6.32	3%	20.2	100	304	6.64	5%
enzene	PID	DB-1/4540423	13.31	100	414	3.21	3.24	1%	15.21	100	445	3.42	5%
ce	PID	DB-1/4540423	19.51	100	341	5.72	5.91	3%	20.5	100	339	6.05	2%
oluene	PID	DB-1/4540423	17.54	100	435	4.03	3.82	6%	17.01	100	408	4.17	9%
ce	PID	DB-1/4540423	27.04	100	316	8.56	8.51	1%	22.5	100	266	8.46	1%
thyl benzene	PID	DB-1/4540423	18.51	100	348	5.32	4.94	8%	17.76	100	353	5.03	2%
n,p-xylene	PID	DB-1/4540423	19.86	100	451	4.40	4.05	9%	20.05	100	529	3.79	6%
o-xylene	PID	DB-1/4540423	19.57	100	336	5.82	5.08	15%	16.3	100	302	5.40	6%
vinyl chloride	PID	DB-1/4540423	25	100	268	9.33	9.64	3%	50	50	274	9.12	5%
chloroethane	PID	DB-1/4540423	1130	40	1289	35.1	37.8	7%	102	200	537	38.0	0%
cfc12	ECD	DB-1/4326342	0.479	200	467	0.205	0.208	1%	0.49	200	520	0.188	9%
cfc-113	ECD	DB-1/4326342	0.6	200	920	0.130	0.140	7%	0.6	200	857	0.140	0%

ug/L: micrograms per liter
uL: microliters
rf: response factor
STDconc: standard concentration

FID/PID/ECD(with DB-1 column) rf = STD conc. x uL/Area
ECD(with DB-624 column) rf = STD conc. x uL x 10,000/Area

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536).
LAB NAME: InterPhase Environmental, Inc.
DATE: October 12, 1995

	Area 33	Area 33	Area 33	Area 58	Area 58	Area 58	Area 58	Area 58	Area 58 duplicate	Area 58	Area 58	Area 58	Area 58	Area 58	Area 58
Sample ID:	49	51	53	114A	114B	114C	2	3	3	1	8	4	5	6	7
Sampling Depth (ft):	3	5	5	5	5	5	5	5	5	5	5	3	5	5	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
trichlorofluoromethane (F11)	0.2	-	-	-	0.016	0.015	-	-	-	-	-	-	-	-	-
1,1,1-trichloroethane (1,1,1-TCA)	-	-	-	0.02	0.021	0.018	-	0.015	0.016	0.018	0.011	0.015	-	-	0.011
trichloroethene (TCE)	0.059	-	-	-	-	-	-	-	-	-	-	-	-	-	^0.01
tetrachloroethene (PCE)	-	-	-	0.047	0.35	0.5	0.021	0.026	0.025	0.025	0.026	0.025	0.021	0.023	0.021

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536) continued.
LAB NAME: InterPhase Environmental, Inc.
DATE: October 12, 1995

	Area 58	Area 58	Area 58	Area 58	Area 58
Sample ID:	11	10	9	17	16
Sampling Depth (ft):	5	5	5	3	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
trichlorofluoromethane (F11)	-	-	-	-	-
1,1,1-trichloroethane (1,1,1-TCA)	-	0.015	0.015	0.021	0.013
trichloroethene (TCE)	-	-	-	-	-
tetrachloroethene (PCE)	0.014	0.016	0.021	0.02	0.014

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

DRAFT

QUALITY CONTROL SUMMARY

Date : 10/12/1995
Proj # : 9536
Chemist : John Tangeman
Machine ID: Phase 3
Supply Source: Chem Service

				1 POINT CALIBRATION CHECK					LCS				
				Calibration Information and Detector Response					Laboratory Control Standard				
		COLUMN	STDconc	Injection 1				% Dif	Actual				% Dif
	DETECTOR	TYPE/SERIAL #	ug/L	uL	area	rf	*Mean rf*	*from mean*	ug/L	uL	area	rf	*from mean*
cfc11	ECD	DB-624/2659423	0.05	150	4492902	0.0167	0.0184	9%	0.045	150	3662655	0.0184	0%
ch2cl2	ECD	DB-624/1213537	20.9	150	1903803	16.5	17.2	4%	20.1	150	1754342	17.2	0%
1,1-dca	ECD	DB-624/1213537	25.2	150	815841	46.3	50.1	8%	23.51	150	740809	47.6	5%
chcl3	ECD	DB-624/1213537	0.258	150	4742577	0.0816	0.0797	2%	0.22	150	4243290	0.0778	2%
1,1,1-tca	ECD	DB-624/1213537	0.086	150	2258797	0.0571	0.0605	6%	0.077	150	1974238	0.0585	3%
ccl4	ECD	DB-624/1213537	0.022	150	3739242	0.0088	0.0086	3%	0.019	150	3269367	0.0087	1%
1,2-dca	ECD	DB-624/1213537	19	150	1837501	15.5	18.0	14%	19.2	150	1825590	15.8	12%
tce	ECD	DB-624/1213537	0.42	150	7929211	0.0795	0.0814	2%	0.49	150	7887942	0.0932	14%
1,1,2-tca	ECD	DB-624/1213537	5.35	150	4032329	1.99	1.92	4%	4.73	150	3299884	2.15	12%
pce	ECD	DB-624/1213537	0.11	150	8142351	0.0203	0.0197	3%	0.107	150	8461313	0.0190	4%
chbr2cl	ECD	DB-624/1213537	0.108	150	4819702	0.0336	0.0357	6%	0.1	-	-	-	
chlorobenzene	ECD	DB-624/1213537	0.025	150	918858	0.0408	0.0398	3%	0.02	150	674355	0.0444	12%
1,1,1,2-pca	ECD	DB-624/1213537	0.014	150	49782208	0.00042	0.00043	2%	0.01	-	-	-	
1,1,2,2-pca	ECD	DB-624/1213537	10.6	150	553368	28.7	25.6	12%	1.2	-	-	-	
1,1-dce	PID	DB-1/4540423	27.4	100	374	7.33	7.16	2%	27	100	382	7.07	1%
t-1,2-dce	PID	DB-1/4540423	22.04	100	591	3.73	3.30	13%	22.04	100	657	3.35	2%
c-1,2-dce	PID	DB-1/4540423	24.92	100	368	6.77	6.32	7%	20.2	100	353	5.72	9%
benzene	PID	DB-1/4540423	13.31	100	376	3.54	3.24	9%	15.21	100	435	3.50	8%
tce	PID	DB-1/4540423	19.51	100	327	5.97	5.91	1%	20.5	100	333	6.16	4%
toluene	PID	DB-1/4540423	17.54	100	423	4.15	3.82	9%	17.01	100	427	3.98	4%
pce	PID	DB-1/4540423	27.04	100	299	9.04	8.51	6%	22.5	100	269	8.36	2%
ethyl benzene	PID	DB-1/4540423	18.51	100	350	5.29	4.94	7%	17.76	100	345	5.15	4%
m,p-xylene	PID	DB-1/4540423	19.86	100	452	4.39	4.05	8%	20.05	100	508	3.95	3%
o-xylene	PID	DB-1/4540423	19.57	100	335	5.84	5.08	15%	16.3	100	304	5.36	6%
vinyl chloride	PID	DB-1/4540423	25	100	273	9.16	9.64	5%	50	50	252	9.92	3%
chloroethane	PID	DB-1/4540423	1130	40	1043	43.3	37.8	15%	102	400	924	44.2	17%
cfc12	ECD	DB-1/4326342	0.479	200	507	0.189	0.208	9%	0.49	200	526	0.186	10%
cfc-113	ECD	DB-1/4326342	0.6	200	972	0.123	0.140	12%	0.6	200	976	0.123	12%
hexane	FID	DB-1/4540423	307		3-point calib.		280		614	100	243	253	10%

ug/L: micrograms per liter
uL: microliters
rf: response factor
STDconc: standard concentration

FID/PID/ECD(with DB-1 column) rf = STD conc. x uL/Area
ECD(with DB-624 column) rf = STD conc. x uL x 10,000/Area

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536).
LAB NAME: InterPhase Environmental, Inc.
DATE: October 13, 1995

	Area 58	Area 58	Area 58	Area 58	Area 58	Area 58	Area 58	Area 58	Area 58	duplicate Area 58	Area 58	Area 58	Area 58	Area 58	Area 58
Sample ID:	12	13	23	24	25	26	37	27	22	22	14	15	21	20	19
Sampling Depth (ft):	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
chloroform (CHCl3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.034
1,1,1-trichloroethane (1,1,1-TCA)	-	-	0.01	0.011	0.012	0.019	0.019	0.027	0.021	0.019	0.01	0.016	0.032	0.027	-
trichloroethene (TCE)	-	-	-	-	-	-	-	-	-	-	-	-	^0.018	^0.012	-
tetrachloroethene (PCE)	0.018	0.022	0.017	0.018	0.019	0.029	0.11	0.022	0.022	0.019	0.028	0.029	0.026	0.025	0.019

ug/L: micrograms per liter
^: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

SOIL GAS SAMPLE RESULTS SUMMARY

DRAFT

SITE NAME: Whittaker, Bermite facility, Santa Clarita, California (Project 9536) continued.
LAB NAME: InterPhase Environmental, Inc.
DATE: October 13, 1995

	Area 58	Area 58	Area 58	Area 58
Sample ID:	18	31	30	29
Sampling Depth (ft):	5	5	5	5
	(ug/L)	(ug/L)	(ug/L)	(ug/L)
chloroform (CHCl3)	-	-	-	-
1,1,1-trichloroethane (1,1,1-TCA)	0.47	0.27	0.036	0.12
trichloroethene (TCE)	-	-	-	0.074
tetrachloroethene (PCE)	0.022	-	0.01	0.017

ug/L: micrograms per liter
<: below reporting limits
*: exceeds reporting limits
"-": does not exceed detection limits.

DRAFT

QUALITY CONTROL SUMMARY

Date : 10/13/1995
Proj # : 9536
Chemist : John Tangeman
Machine ID: Phase 3
Supply Source: Chem Service

				1 POINT CALIBRATION CHECK					LCS				
				Calibration Information and Detector Response					Laboratory Control Standard				
		COLUMN	STDconc	Injection 1				% Dif	Actual				% Dif
	DETECTOR	TYPE/SERIAL#	ug/L	uL	area	rf	*Mean rf*	*from mean*	ug/L	uL	area	rf	*from mean*
fc11	ECD	DB-624/2659423	0.05	150	4159286	0.0180	0.0184	2%	0.045	150	3929679	0.0172	7%
h2cl2	ECD	DB-624/1213537	20.9	150	1919689	16.3	17.2	5%	20.1	150	1943327	15.5	10%
1,1-dca	ECD	DB-624/1213537	25.2	150	828324	45.6	50.1	9%	23.51	150	649330	54.3	8%
hcl3	ECD	DB-624/1213537	0.258	150	4751960	0.0814	0.0797	2%	0.22	150	4590286	0.0719	10%
1,1,1-tca	ECD	DB-624/1213537	0.086	150	2170778	0.0594	0.0605	2%	0.077	150	2041488	0.0566	6%
cl4	ECD	DB-624/1213537	0.022	150	3710823	0.0089	0.0086	3%	0.019	150	3469801	0.0082	4%
,2-dca	ECD	DB-624/1213537	19	150	1657341	17.2	18.0	4%	19.2	150	1857298	15.5	14%
ce	ECD	DB-624/1213537	0.42	150	7016920	0.0898	0.0814	10%	0.49	150	10101672	0.0728	11%
1,1,2-tca	ECD	DB-624/1213537	5.35	150	3800464	2.11	1.92	10%	4.73	150	3488359	2.03	6%
ce	ECD	DB-624/1213537	0.11	150	8232039	0.0200	0.0197	2%	0.107	150	7288946	0.0220	12%
hbr2cl	ECD	DB-624/1213537	0.108	150	4479395	0.0362	0.0357	1%	0.1	150	3533403	0.0429	19%
chlorobenzene	ECD	DB-624/1213537	0.025	150	811799	0.0462	0.0398	16%	0.02	-	-	-	
1,1,1,2-pca	ECD	DB-624/1213537	0.014	150	42503590	0.00049	0.00043	13%	0.01	-	-	-	
1,1,2,2-pca	ECD	DB-624/1213537	10.6	150	354925	44.8	25.6	75%	1.2	-	-	-	
1,1-dce	PID	DB-1/4540423	27.4	100	415	6.60	7.16	8%	27	100	374	7.22	1%
-1,2-dce	PID	DB-1/4540423	22.04	100	742	2.97	3.30	10%	22.04	100	709	3.11	6%
-1,2-dce	PID	DB-1/4540423	24.92	100	413	6.03	6.32	5%	20.2	100	317	6.37	1%
enzene	PID	DB-1/4540423	13.31	100	416	3.20	3.24	1%	15.21	100	449	3.39	5%
ce	PID	DB-1/4540423	19.51	100	362	5.39	5.91	9%	20.5	100	328	6.25	6%
oluene	PID	DB-1/4540423	17.54	100	458	3.83	3.82	0%	17.01	100	429	3.97	4%
ce	PID	DB-1/4540423	27.04	100	343	7.88	8.51	7%	22.5	100	263	8.56	1%
thyl benzene	PID	DB-1/4540423	18.51	100	374	4.95	4.94	0%	17.76	100	359	4.95	0%
n,p-xylene	PID	DB-1/4540423	19.86	100	478	4.15	4.05	3%	20.05	100	514	3.90	4%
-xylene	PID	DB-1/4540423	19.57	100	370	5.29	5.08	4%	16.3	100	336	4.85	5%
vinyl chloride	PID	DB-1/4540423	25	100	254	9.84	9.64	2%	50	50	271	9.23	4%
chloroethane	PID	DB-1/4540423	1130	50	1505	37.5	37.8	1%	102	200	554	36.8	3%
fc12	ECD	DB-1/4326342	0.479	200	496	0.193	0.208	7%	0.49	200	416	0.236	13%
fc-113	ECD	DB-1/4326342	0.6	200	977	0.123	0.140	12%	0.6	200	799	0.150	7%
hexane	FID	DB-1/4540423	307	100	111	276	280	1%	614	100	264	233	17%

ug/L: micrograms per liter
uL: microliters
rf: response factor
STDconc: standard concentration

FID/PID/ECD(with DB-1 column) rf = STD conc. x uL/Area
ECD(with DB-624 column) rf = STD conc. x uL x 10,000/Area

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 9510258

Work Order Summary

CLIENT:	Ms. Louise Adams Interphase 11558 Sorrento Valley Road, Suite 3 San Diego, CA 92121-1312	**BILL TO:**	Same
PHONE:	619-481-2200	**INVOICE #**	8554
FAX:	619-481-1855	**P.O. #**	
DATE RECEIVED:	10/20/95	**PROJECT #**	9537
DATE COMPLETED:	11/2/95	**AMOUNT$:**	$367.40

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	PRICE
01A	58-SG-118-10	TO-14/TIC's	2.0 "Hg	$320.00
02A	Lab Blank	TO-14/TIC's	NA	NC

Misc. Charges	1 Liter Summa Canister Preparation (1) @ $15.00 each.	$15.00
	Shipping (10/17/95)	$32.40

CERTIFIED BY: Linda L. Freeman
Laboratory Director

DATE: 11/2/95

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA 95630
(916) 985-1000 • (800) 985-5955 • FAX (916) 985-1020

AIR TOXICS LTD.

SAMPLE NAME: 58-SG-118-10

ID#: 9510258-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	9103015	Date of Collection:	10/19/95
Dil. Factor:	310	Date of Analysis:	10/30/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	160	Not Detected
Freon 114	160	Not Detected
Chloromethane	160	Not Detected
Vinyl Chloride	160	Not Detected
Bromomethane	160	Not Detected
Chloroethane	160	Not Detected
Freon 11	160	Not Detected
1,1-Dichloroethene	160	Not Detected
Freon 113	160	Not Detected
Methylene Chloride	160	Not Detected
1,1-Dichloroethane	160	Not Detected
cis-1,2-Dichloroethene	160	30000
Chloroform	160	Not Detected
1,1,1-Trichloroethane	160	Not Detected
Carbon Tetrachloride	160	Not Detected
Benzene	160	Not Detected
1,2-Dichloroethane	160	Not Detected
Trichloroethene	160	48000
1,2-Dichloropropane	160	Not Detected
cis-1,3-Dichloropropene	160	Not Detected
Toluene	160	Not Detected
trans-1,3-Dichloropropene	160	Not Detected
1,1,2-Trichloroethane	160	Not Detected
Tetrachloroethene	160	54000
Ethylene Dibromide	160	Not Detected
Chlorobenzene	160	Not Detected
Ethyl Benzene	160	Not Detected
m,p-Xylene	160	Not Detected
o-Xylene	160	Not Detected
Styrene	160	Not Detected
1,1,2,2-Tetrachloroethane	160	Not Detected
1,3,5-Trimethylbenzene	160	Not Detected
1,2,4-Trimethylbenzene	160	Not Detected
1,3-Dichlorobenzene	160	Not Detected
1,4-Dichlorobenzene	160	Not Detected
Chlorotoluene	160	Not Detected
1,2-Dichlorobenzene	160	Not Detected
1,2,4-Trichlorobenzene	160	Not Detected
Hexachlorobutadiene	160	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: 58-SG-118-10

ID#: 9510258-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	9103015	Date of Collection:	10/19/95
Dil. Factor:	310	Date of Analysis:	10/30/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Propylene	620	Not Detected
1,3-Butadiene	620	Not Detected
Acetone	620	Not Detected
Carbon Disulfide	620	Not Detected
2-Propanol	620	Not Detected
trans-1,2-Dichloroethene	620	2900
Vinyl Acetate	620	Not Detected
Chloroprene	620	Not Detected
2-Butanone (Methyl Ethyl Ketone)	620	Not Detected
Hexane	620	Not Detected
Tetrahydrofuran	620	Not Detected
Cyclohexane	620	Not Detected
1,4-Dioxane	620	Not Detected
Bromodichloromethane	620	Not Detected
4-Methyl-2-pentanone	620	Not Detected
2-Hexanone	620	Not Detected
Dibromochloromethane	620	Not Detected
Bromoform	620	Not Detected
4-Ethyltoluene	620	Not Detected
Ethanol	620	Not Detected
Methyl t-Butyl Ether (MTBE)	620	Not Detected
Heptane	620	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9510258-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	9103011	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	10/30/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.50	Not Detected
Freon 114	0.50	Not Detected
Chloromethane	0.50	Not Detected
Vinyl Chloride	0.50	Not Detected
Bromomethane	0.50	Not Detected
Chloroethane	0.50	Not Detected
Freon 11	0.50	Not Detected
1,1-Dichloroethene	0.50	Not Detected
Freon 113	0.50	Not Detected
Methylene Chloride	0.50	Not Detected
1,1-Dichloroethane	0.50	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected
Chloroform	0.50	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected
Carbon Tetrachloride	0.50	Not Detected
Benzene	0.50	Not Detected
1,2-Dichloroethane	0.50	Not Detected
Trichloroethene	0.50	Not Detected
1,2-Dichloropropane	0.50	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected
Toluene	0.50	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected
Tetrachloroethene	0.50	Not Detected
Ethylene Dibromide	0.50	Not Detected
Chlorobenzene	0.50	Not Detected
Ethyl Benzene	0.50	Not Detected
m,p-Xylene	0.50	Not Detected
o-Xylene	0.50	Not Detected
Styrene	0.50	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected
Chlorotoluene	0.50	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected
Hexachlorobutadiene	0.50	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9510258-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	9103011	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	10/30/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Propylene	2.0	Not Detected
1,3-Butadiene	2.0	Not Detected
Acetone	2.0	Not Detected
Carbon Disulfide	2.0	Not Detected
2-Propanol	2.0	Not Detected
trans-1,2-Dichloroethene	2.0	Not Detected
Vinyl Acetate	2.0	Not Detected
Chloroprene	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected
Hexane	2.0	Not Detected
Tetrahydrofuran	2.0	Not Detected
Cyclohexane	2.0	Not Detected
1,4-Dioxane	2.0	Not Detected
Bromodichloromethane	2.0	Not Detected
4-Methyl-2-pentanone	2.0	Not Detected
2-Hexanone	2.0	Not Detected
Dibromochloromethane	2.0	Not Detected
Bromoform	2.0	Not Detected
4-Ethyltoluene	2.0	Not Detected
Ethanol	2.0	Not Detected
Methyl t-Butyl Ether (MTBE)	2.0	Not Detected
Heptane	2.0	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

No 006276

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Contact Person: JEFF HEGLIE
Company: ACTON MICKELSON ENVIRONMENTAL, INC.
Address: 4511 Golden Foothill Pkwy Ste. 1 City: El Dorado Hills State: CA Zip: 95762
Phone: (916) 939-7550 FAX: (916) 939-7570
Collected By: Signature: John Tangeman

Project Info:
P.O. #:
Project #: 21001.57
Project Name: Bermite

Turn Around Time:
☒ Normal
☐ Rush _____ Specify

Lab ID	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	58-SG-118-10	10-19-95/1510	TO14 w/ TIC's			20 Hg

	SIGNATURE	DATE/TIME	PRINT NAME
RELINQUISHED BY:	John Tangeman	10/19/95/1515	JOHN TANGEMAN

Relinquished By: (Signature) Angie J. F. Date/Time 10-19-95/1520 Print Name Ford, Angie J. Received By: J.R. Heglie 10/19 1520

Relinquished By: (Signature) Date/Time 10/19 16:02 Received By: (Signature) Date/Time via FedEx

Relinquished By: (Signature) Date/Time Received By: (Signature) Date/Time 10/20 ASL 10/20/95

Notes: NO PRESSURE GAUGE, BUT VACUUM WAS APPARENT, WHEN FILLED

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Date/Time	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	4328847692	TRS.	10/20/95 1010	AMBIENT	GOOD	(Yes) No None N/A	9510258

Form 1293 rev. 06

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 9510298

Work Order Summary

CLIENT:	Ms. Louise Adams Interphase 11558 Sorrento Valley Road, Suite 3 San Diego, CA 92121-1312	**BILL TO:** Same	
PHONE:	619-481-2200	**INVOICE #** 8567	
FAX:	619-481-1855	**P.O. #**	
DATE RECEIVED:	10/26/95	**PROJECT #** 9537	
DATE COMPLETED:	11/3/95	**AMOUNT$:** $335.00	

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	PRICE
01A	51-SG-16-5	TO-14/TIC's	2.0 "Hg	$320.00
02A	Lab Blank	TO-14/TIC's	NA	NC

Misc. Charges	1 Liter Summa Canister Preparation (1) @ $15.00 each.	$15.00

CERTIFIED BY: Jerald L Freeman
Laboratory Director

DATE: 11/3/95

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA 95630
(916) 985-1000 • (800) 985-5955 • FAX (916) 985-1020

AIR TOXICS LTD.

SAMPLE NAME: 51-SG-16-5

ID#: 9510298-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	9103013	Date of Collection:	10/25/95
Dil. Factor:	8.6	Date of Analysis:	10/30/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	4.3	Not Detected
Freon 114	4.3	Not Detected
Chloromethane	4.3	Not Detected
Vinyl Chloride	4.3	Not Detected
Bromomethane	4.3	Not Detected
Chloroethane	4.3	Not Detected
Freon 11	4.3	Not Detected
1,1-Dichloroethene	4.3	Not Detected
Freon 113	4.3	92
Methylene Chloride	4.3	Not Detected
1,1-Dichloroethane	4.3	Not Detected
cis-1,2-Dichloroethene	4.3	Not Detected
Chloroform	4.3	43
1,1,1-Trichloroethane	4.3	26
Carbon Tetrachloride	4.3	680
Benzene	4.3	Not Detected
1,2-Dichloroethane	4.3	Not Detected
Trichloroethene	4.3	73
1,2-Dichloropropane	4.3	Not Detected
cis-1,3-Dichloropropene	4.3	Not Detected
Toluene	4.3	4.9
trans-1,3-Dichloropropene	4.3	Not Detected
1,1,2-Trichloroethane	4.3	Not Detected
Tetrachloroethene	4.3	Not Detected
Ethylene Dibromide	4.3	Not Detected
Chlorobenzene	4.3	Not Detected
Ethyl Benzene	4.3	5.4
m,p-Xylene	4.3	23
o-Xylene	4.3	10
Styrene	4.3	Not Detected
1,1,2,2-Tetrachloroethane	4.3	Not Detected
1,3,5-Trimethylbenzene	4.3	Not Detected
1,2,4-Trimethylbenzene	4.3	Not Detected
1,3-Dichlorobenzene	4.3	Not Detected
1,4-Dichlorobenzene	4.3	Not Detected
Chlorotoluene	4.3	Not Detected
1,2-Dichlorobenzene	4.3	Not Detected
1,2,4-Trichlorobenzene	4.3	Not Detected
Hexachlorobutadiene	4.3	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: 51-SG-16-5

ID#: 9510298-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name: 9103013 Date of Collection: 10/25/95

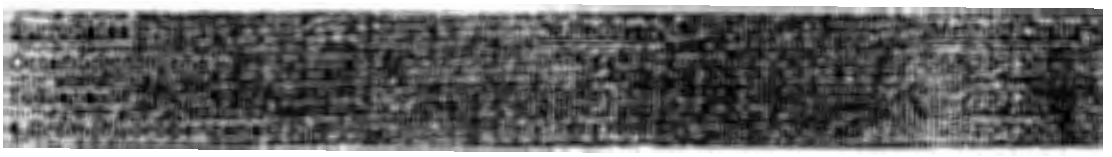
Dil. Factor: 9.6 Date of Analysis: 10/30/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Propylene	17	Not Detected
1,3-Butadiene	17	Not Detected
Acetone	17	43
Carbon Disulfide	17	Not Detected
2-Propanol	17	Not Detected
trans-1,2-Dichloroethene	17	Not Detected
Vinyl Acetate	17	Not Detected
Chloroprene	17	Not Detected
2-Butanone (Methyl Ethyl Ketone)	17	Not Detected
Hexane	17	Not Detected
Tetrahydrofuran	17	Not Detected
Cyclohexane	17	Not Detected
1,4-Dioxane	17	Not Detected
Bromodichloromethane	17	Not Detected
4-Methyl-2-pentanone	17	Not Detected
2-Hexanone	17	Not Detected
Dibromochloromethane	17	Not Detected
Bromoform	17	Not Detected
4-Ethyltoluene	17	Not Detected
Ethanol	17	Not Detected
Methyl t-Butyl Ether (MTBE)	17	30
Heptane	17	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

Compound	CAS Number	Match Quality	Amount (ppbv)
2,2-Dimethylheptane	1071-26-7	Manual ID	58
(Z)-9-Methyl-5-undecene	74630-65-2	83 %	44

Container Type: 1 Liter Summa Canister



AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9510298-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	9103011	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	10/30/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.50	Not Detected
Freon 114	0.50	Not Detected
Chloromethane	0.50	Not Detected
Vinyl Chloride	0.50	Not Detected
Bromomethane	0.50	Not Detected
Chloroethane	0.50	Not Detected
Freon 11	0.50	Not Detected
1,1-Dichloroethene	0.50	Not Detected
Freon 113	0.50	Not Detected
Methylene Chloride	0.50	Not Detected
1,1-Dichloroethane	0.50	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected
Chloroform	0.50	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected
Carbon Tetrachloride	0.50	Not Detected
Benzene	0.50	Not Detected
1,2-Dichloroethane	0.50	Not Detected
Trichloroethene	0.50	Not Detected
1,2-Dichloropropane	0.50	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected
Toluene	0.50	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected
Tetrachloroethene	0.50	Not Detected
Ethylene Dibromide	0.50	Not Detected
Chlorobenzene	0.50	Not Detected
Ethyl Benzene	0.50	Not Detected
m,p-Xylene	0.50	Not Detected
o-Xylene	0.50	Not Detected
Styrene	0.50	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected
Chlorotoluene	0.50	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected
Hexachlorobutadiene	0.50	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9510298-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	9103011	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	10/30/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Propylene	2.0	Not Detected
1,3-Butadiene	2.0	Not Detected
Acetone	2.0	Not Detected
Carbon Disulfide	2.0	Not Detected
2-Propanol	2.0	Not Detected
trans-1,2-Dichloroethene	2.0	Not Detected
Vinyl Acetate	2.0	Not Detected
Chloroprene	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected
Hexane	2.0	Not Detected
Tetrahydrofuran	2.0	Not Detected
Cyclohexane	2.0	Not Detected
1,4-Dioxane	2.0	Not Detected
Bromodichloromethane	2.0	Not Detected
4-Methyl-2-pentanone	2.0	Not Detected
2-Hexanone	2.0	Not Detected
Dibromochloromethane	2.0	Not Detected
Bromoform	2.0	Not Detected
4-Ethyltoluene	2.0	Not Detected
Ethanol	2.0	Not Detected
Methyl t-Butyl Ether (MTBE)	2.0	Not Detected
Heptane	2.0	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

№ 006276

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Contact Person: JEFF HEGLIE
Company: ACTON MICKELSON ENV. INC.
Address: 4511 Golden Foothill Pkwy, #1 City: El Dorado Hills State: CA Zip: 95762
Phone: (916) 939-7550 FAX: (916) 939-7570
Collected By: Signature: Paul Fassoth

Project Info:
P.O. #:
Project #: 21001.57
Project Name: Bermite

Turn Around Time:
☒ Normal
☐ Rush _____ Specify

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	51-SG-16-5	10-25-95/1130	TO14 w/ TICs			20"Hg 10/26/95

Relinquished By: Received By:
Lynn M. Ward 10/25/95 1400 via Fed-Ex UPS — [illegible] ATL 10/26/95 10:10

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Paul Fassoth	10/25/95 11:30 AM		
[illegible]	10/25/95 11:55	[illegible]	10-25-95/1150
[illegible]	10-25-95 1202	Lynn M. Ward	10/25/95 1200

Notes: No pressure gauge but vacuum was apparent when canister filled.
Canister # 9509

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Date/Time	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	UPS	0916 8690 530	[illegible]	10/26/95 10:10	Ambient	Good	Yes No (None) N/A	9510298

Form 1283 rev. 06

TOTAL P.13

PROBE NEST MONITORING DATA SHEET

22116 West Soledad Canyon Road, Santa Clarita, Ca.

DATE: 10-10-95

NEST #	DEPTH (FT)	ELEV. (FT) B.O.S.	OPERATING VACUUM (IN H_2O)	FLOW (CFM)	DATE & TIME (VAPOR READING)	OVA (PPM)	NOTES:
PROBE NEST P1	20	1443	0	10	10	0	
	40	1423	0	10	10	1	
	60	1403	0	10	10	35	
	80	1383	0	10	10	6	
	100	1363	0	10	10	0	VACUUM
	120	1343	0	10	10	18	
PROBE NEST P2	20	1442	0	10	10	0	
	40	1422	0	10	10	16	
	60	1402	0	10	10	0	
	80	1382	0	10	10	3	
	100	1362	0	10	10	0	VACUUM
	120	1342	0	10	10	0	
PROBE NEST P3	20	1442	0	10	10	0	
	40	1422	0	10	10	4	
	60	1402	0	10	10	10	
	80	1382	0	10	10	0	
	100	1362	0	10	10	1	VACUUM
	120	1342	0	10	10	3	
PROBE NEST P4	60	1400	0	10	10	3	
	100	1360	X	X	X	X	
	120	1340	0	10	10	0	
PROBE NEST P5	60	1402	0	10	10	2	
	100	1362	0	10	10	20	
	120	1342	X	X	X	X	
PROBE NEST P6	30	1475	0	10	10	0	
	63	1445	0	10	10	0	
PROBE NEST P7	30	1486	0	10	10	0	
	57	1459	0	10	10	0	

PROBE NEST MONITORING DATA SHEET

22116 West Soledad Canyon Road, Santa Clarita, Ca.

DATE: 10-9-95

NEST #	DEPTH (FT)	ELEV. (FT) B.O.S.	OPERATING VACUUM (IN H_2O)	FLOW (CFH)	DATE & TIME (VAPOR READING)	OVA (PPM)	NOTES:
PROBE P8	127.5	1330	0	10	10	0	
PROBE P9	192	1336	0	10	10	0	VACUUM
PROBE P10	226	1332	0	10	10	0	
PROBE P11	205	1330	0	10	10	4	
PROBE P12	205	1333	0	10	10	10	VACUUM
PROBE P13	210	1338	0	10	10	15	
PROBE P14	215	1331	0	10	10	6	
PROBE P15	195	1333	0	10	10	30	

NEST #	SCREEN INTERVAL ELEV. IN FT	OPERATING VACUUM (IN H_2O)	FLOW (CFH)	OVA (PPM)	AIR SAMPLE COLLECTED	NOTES:
V1	SHALLOW				YES / NO	
	DEEP				YES / NO	
V2	SHALLOW				YES / NO	
	DEEP				YES / NO	
V3	1296-1286				YES / NO	
V4	1519-1348				YES / NO	

NOTE:
All OVA readings are taken after the blower has been shut off for at least 2 hours. The probe is then purged for 10 minutes with a vacuum pump at a rate of 10 CFH.

B.O.S. = Bottom of screen interval

BATCH NEUTRALIZER: CHLORIDE PRODUCTION DATA

INITIAL CHLORIDE ANALYSIS:

BATCH VOLUME _____

SAMPLE COLLECTION DATE: _____

DATE AND TIME BLOWER TURNED OFF 10-1-95 1100

FINAL CHLORIDE ANALYSIS:

VOLUME CHANGE (IF ANY): _____

SAMPLE COLLECTION DATE: _____

DATA COLLECTED BY: JIM BRICKER

ENVIRONMENTAL

D1001.67

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506260-1

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW1 Quarterly Sampling Area 317
Description: MW1/A/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 16, 1995
QA/QC ID# : 50626001-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS
Conductivity	120.1	umhos/cm2	1	780
pH	150.1	units	---	7.5

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:c;l

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506260-2

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW1 Quarterly Sampling Area 317
Sample Description: MW1/B/28
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC CARBON

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOC	415.1	mg/L	0.5	ND	0.5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
mg/L = Milligrams Per Liter (ppm) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

If you have any questions, please call.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506260-3

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW1 Quarterly Sampling Area 317
Sample Description: MW1/C/28
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC HALOGENS

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOX	9020	ug/L	5	6	5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

If you have any questions, please call.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506260-4

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW1 Quarterly Sampling Area 317
Description: MW1/H/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 12, 1995
QA/QC ID# : 50626004-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS
Chloride	300.0	mg/L	1.0	160
Sulfate	300.0	mg/L	1.0	12

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:vt

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506260-5

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW1 Quarterly Sampling Area 317
Sample Description: MW1/0/28
Sampled by : Abdun-Nur/Bricker
Container : VOA
Preservatives:

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 14, 1995
QA/QC ID# : STK95091400K A

EPA METHOD 601

CONSTITUENT	SAMPLE DLR ug/L	SAMPLE RESULTS ug/L	LAB DLR ug/L	BLANK RESULTS ug/L
Trichloroethylene	0.5	ND	0.5	ND

SURROGATES	SAMPLE AR	SAMPLE % REC.	LAB BLANK AR	LAB BLANK % REC.
BFB	75-125	103	75-125	93

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR. AR = Acceptable Range
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please call

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Sheila Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:mlh

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506260-6

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW1 Quarterly Sampling Area 317
Description: MW1/R/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 27, 1995
QA/QC ID# : 50626006-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS	MCL
Iron	200.7	ug/L	50	90	300
Manganese *	200.8	ug/L	1	3	50
Sodium	200.7	mg/L	1	53	

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C (2) HNO3 pH < 2 Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:c;l

* Note: Blank high; DLR for manganese raised to 1 ug/L.

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506261-1

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW3 Quarterly Sampling Area 317
Description: MW3/A/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 16, 1995
QA/QC ID# : 50626101-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS
Conductivity	120.1	umhos/cm2	1	620
pH	150.1	units	---	7.6

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C (2) H2SO4 pH < 2 Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506261-2

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW3 Quarterly Sampling Area 317
Sample Description: MW3/B/28
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC CARBON

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOC	415.1	mg/L	0.5	ND	0.5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
mg/L = Milligrams Per Liter (ppm) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

If you have any questions, please call.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506261-3

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW3 Quarterly Sampling Area 317
Sample Description: MW3/C/28
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC HALOGENS

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOX	9020	ug/L	5	ND	5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

If you have any questions, please call.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

Corporate Offices & Laboratory
PO Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
TEL: 805/650-0010

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: 209/942-0181

Field Office
Visalia, CA
TEL: 209/734-9473
FAX: 209/734-8435

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506261-4

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW3 Quarterly Sampling Area 317
Description: MW3/H/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 12, 1995
QA/QC ID# : 50626104-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS
Chloride	300.0	mg/L	1.0	34
Sulfate	300.0	mg/L	1.0	73

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C (2) H2SO4 pH < 2 Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506261-5

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW3 Quarterly Sampling Area 317
Sample Description: MW3/0/28
Sampled by : Abdun-Nur/Bricker
Container : VOA
Preservatives:

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 14, 1995
QA/QC ID# : STK95091400K A

EPA METHOD 601

CONSTITUENT	SAMPLE DLR ug/L	SAMPLE RESULTS ug/L	LAB DLR ug/L	BLANK RESULTS ug/L
Trichloroethylene	0.5	ND	0.5	ND

SURROGATES	SAMPLE AR	SAMPLE % REC.	LAB BLANK AR	LAB BLANK % REC.
BFB	75-125	105	75-125	93

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR. AR = Acceptable Range
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please cal

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:mlh

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506261-6

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW3 Quarterly Sampling Area 317
Description: MW3/R/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 27, 1995
QA/QC ID# : 50626106-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS	MCL
Iron	200.7	ug/L	50	ND	300
Manganese *	200.8	ug/L	1	ND	50
Sodium	200.7	mg/L	1	53	

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C (2) HNO3 pH < 2 Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:cl

* Note: Blank high; DLR for manganese raised to 1 ug/L.

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506262-1

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW5 Quarterly Sampling Area 317
Description: MW5/A/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 16, 1995
QA/QC ID# : 50626201-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS
Conductivity	120.1	umhos/cm2	1	540
pH	150.1	units	---	7.7

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506262-2

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW5 Quarterly Sampling Area 317
Sample Description: MW5/B/28
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC CARBON

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOC	415.1	mg/L	0.5	ND	0.5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
mg/L = Milligrams Per Liter (ppm) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please call.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

Corporate Offices & Laboratory
PO Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: 209/943-0181

Field Office
Visalia, CA
TEL: 209/734-9473

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506262-3

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW5 Quarterly Sampling Area 317
Sample Description: MW5/C/28
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC HALOGENS

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOX	9020	ug/L	5	ND	5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please call

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

Corporate Offices & Laboratory
PO Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
TEL: 805/659-0910

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: 209/942-0181

Field Office
Visalia, CA
TEL: 209/734-9473

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506262-4

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW5 Quarterly Sampling Area 317
Description: MW5/H/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 12, 1995
QA/QC ID# : 50626204-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS
Chloride	300.0	mg/L	1.0	42
Sulfate	300.0	mg/L	1.0	30

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:cl

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506262-5

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW5 Quarterly Sampling Area 317
Sample Description: MW5/0/28
Sampled by : Abdun-Nur/Bricker
Container : VOA
Preservatives:

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 14, 1995
QA/QC ID# : STK95091400K A

EPA METHOD 601

CONSTITUENT	SAMPLE DLR ug/L	SAMPLE RESULTS ug/L	LAB DLR ug/L	BLANK RESULTS ug/L
Trichloroethylene	0.5	0.6	0.5	ND

SURROGATES	SAMPLE AR	SAMPLE % REC.	LAB BLANK AR	LAB BLANK % REC.
BFB	75-125	110	75-125	93

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR. AR = Acceptable Range
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please cal

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:mlh

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506262-6

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW5 Quarterly Sampling Area 317
Description: MW5/R/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 27, 1995
QA/QC ID# : 50626206-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS	MCL
Iron	200.7	ug/L	50	130	300
Manganese *	200.8	ug/L	1	2	50
Sodium	200.7	mg/L	1	51	

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C (2) HNO3 pH < 2 Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:vt

*Note: Blank high; DLR for manganese raised to 1 ug/L.

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506263-1

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW6 Quarterly Sampling Area 317
Description: MW6/A/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 16, 1995
QA/QC ID# : 50626301-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS
Conductivity	120.1	umhos/cm2	1	580
pH	150.1	units	---	7.7

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506263-2

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW6 Quarterly Sampling Area 317
Sample Description: MW6/B/28
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC CARBON

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOC	415.1	mg/L	0.5	ND	0.5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
mg/L = Milligrams Per Liter (ppm) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please call

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

Corporate Offices & Laboratory
PO Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215

Field Office
Visalia, CA
TEL: 209/734-9473

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506263-3

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW6 Quarterly Sampling Area 317
Sample Description: MW6/C/28
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC HALOGENS

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOX	9020	ug/L	5	ND	5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please call

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506263-4

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW6 Quarterly Sampling Area 317
Description: MW6/H/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 12, 1995
QA/QC ID# : 50626304-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS
Chloride	300.0	mg/L	1.0	61
Sulfate	300.0	mg/L	1.0	29

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Shelli Perry for

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:cl

Corporate Offices & Laboratory
PO Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215

Field Office
Visalia, CA
TEL: 209/734-9473

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506263-5

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW6 Quarterly Sampling Area 317
Sample Description: MW6/0/28
Sampled by : Abdun-Nur/Bricker
Container : VOA
Preservatives:

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 14, 1995
QA/QC ID# : STK95091400K A

EPA METHOD 601

CONSTITUENT	SAMPLE DLR ug/L	SAMPLE RESULTS ug/L	LAB DLR ug/L	BLANK RESULTS ug/L
Trichloroethylene	0.5	ND	0.5	ND

SURROGATES	SAMPLE AR	SAMPLE % REC.	LAB BLANK AR	LAB BLANK % REC.
BFB	75-125	100	75-125	93

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR. AR = Acceptable Range
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please cal

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelle Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:mlh

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506263-6

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW6 Quarterly Sampling Area 317
Description: MW6/R/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 27, 1995
QA/QC ID# : 50626306-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS	MCL
Iron	200.7	ug/L	50	120	300
Manganese *	200.8	ug/L	1	3	50
Sodium	200.7	mg/L	1	52	

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C (2) HNO3 pH < 2 Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:cl

* Note: Blank high; DLR for manganese raised to 1 ug/L

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506264-1

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW10 Quarterly Sampling Area 317
Description: MW10/A/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 16, 1995
QA/QC ID# : 50626401-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS
Conductivity	120.1	umhos/cm2	1	620
pH	150.1	units	---	7.8

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:cl

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506264-2

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW10 Quarterly Sampling Area 317
Sample Description: MW10/B/28
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC CARBON

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOC	415.1	mg/L	0.5	ND	0.5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
mg/L = Milligrams Per Liter (ppm) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

If you have any questions, please call.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506264-3

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW10 Quarterly Sampling Area 317
Sample Description: MW10/C/28
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC HALOGENS

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOX	9020	ug/L	5	6	5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

If you have any questions, please call.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506264-4

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW10 Quarterly Sampling Area 317
Description: MW10/H/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 12, 1995
QA/QC ID# : 50626404-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS
Chloride	300.0	mg/L	1.0	65
Sulfate	300.0	mg/L	1.0	36

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:vt

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506264-5

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW10 Quarterly Sampling Area 317
Sample Description: MW10/0/28
Sampled by : Abdun-Nur/Bricker
Container : VOA
Preservatives:

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 14, 1995
QA/QC ID# : STK95091400K A

EPA METHOD 601

CONSTITUENT	SAMPLE DLR ug/L	SAMPLE RESULTS ug/L	LAB DLR ug/L	BLANK RESULTS ug/L
Trichloroethylene	0.5	ND	0.5	ND

SURROGATES	SAMPLE AR	SAMPLE % REC.	LAB BLANK AR	LAB BLANK % REC.
BFB	75-125	104	75-125	93

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR. AR = Acceptable Range
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please cal

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:mlh

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506264-6

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Inorganic Analysis

Sample Site: MW10 Quarterly Sampling Area 317
Description: MW10/R/28
Sampled by : Abdun-Nur/Bricker
Type of Sample: Monitoring Well

Sampled : September 12, 1995
Received : September 12, 1995
Completed : September 27, 1995
QA/QC ID# : 50626406-

Analytical Results

CONSTITUENT	EPA METHOD	UNITS	DLR	RESULTS	MCL
Iron	200.7	ug/L	50	90	300
Manganese *	200.8	ug/L	1	3	50
Sodium	200.7	mg/L	1	78	

DLR = Detection Limit for Reporting Purposes. ND = Not Detected at or above the DLR.
ug/L = Micrograms Per Liter (ppb) mg/L = Milligrams Per Liter (ppm) mg/kg = Milligrams Per Kilogram
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.
Preservatives: (1) Cool 4°C (2) HNO3 pH < 2 Containers: (a) Plastic

If you have any questions, please call.

FGL ENVIRONMENTAL

Shelli Perry

Shelli Perry, B.S.

Darrell H. Nelson, B.S.
Laboratory Director

SP/DHN:cl

* Note: Blank high; DLR for manganese raised to 1 ug/L.

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506265-1

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW5-1A Quarterly Sampling Area 317
Sample Description: MW5/B/28/1A
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC CARBON

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOC	415.1	mg/L	0.5	ND	0.5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
mg/L = Milligrams Per Liter (ppm) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

If you have any questions, please call.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

Corporate Offices & Laboratory
PO Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215

Field Office
Visalia, CA
TEL: 209/734-9473

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506265-2

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW5-1A Quarterly Sampling Area 317
Sample Description: MW5/C/28/1A
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC HALOGENS

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOX	9020	ug/L	5	ND	5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

If you have any questions, please call.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506265-3

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW5-1A Quarterly Sampling Area 317
Sample Description: MW5/0/28/1A
Sampled by : Abdun-Nur/Bricker
Container : VOA
Preservatives:

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 14, 1995
QA/QC ID# : STK95091400K A

EPA METHOD 601

CONSTITUENT	SAMPLE DLR ug/L	SAMPLE RESULTS ug/L	LAB DLR ug/L	BLANK RESULTS ug/L
Trichloroethylene	0.5	ND	0.5	ND

SURROGATES	SAMPLE AR	SAMPLE % REC.	LAB BLANK AR	LAB BLANK % REC.
BFB	75-125	99	75-125	93

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR. AR = Acceptable Range
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please cal

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:mlh

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506266-1

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW6-1A Quarterly Sampling Area 317
Sample Description: MW6/B/28/1A
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC CARBON

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOC	415.1	mg/L	0.5	ND	0.5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
mg/L = Milligrams Per Liter (ppm) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please call.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

October 2, 1995

LAB No: SP 506266-2

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW6-1A Quarterly Sampling Area 317
Sample Description: MW6/C/28/1A
Sampled by : Abdun-Nur/Bricker
Container : Amber Glass TFE-Cap
Preservatives: H2SO4 pH < 2

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 26, 1995
QA/QC ID# : SP 95092600A A

TOTAL ORGANIC HALOGENS

CONSTITUENT	EPA METHOD	UNITS	SAMPLE DLR	SAMPLE RESULTS	LAB DLR	BLANK RESULTS
TOX	9020	ug/L	5	ND	5	ND

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR.
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please call.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

September 29, 1995

LAB No: SP 506266-3

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

RE: Organic Analysis
Matrix: Monitoring Well

Sampling Site: MW6-1A Quarterly Sampling Area 317
Sample Description: MW6/0/28/1A
Sampled by : Abdun-Nur/Bricker
Container : VOA
Preservatives:

Sampled : September 12, 1995
Received : September 12, 1995
Extracted : N/A
Analyzed : September 14, 1995
QA/QC ID# : STK95091400K A

EPA METHOD 601

CONSTITUENT	SAMPLE DLR ug/L	SAMPLE RESULTS ug/L	LAB DLR ug/L	BLANK RESULTS ug/L
Trichloroethylene	0.5	ND	0.5	ND

SURROGATES	SAMPLE AR	SAMPLE % REC.	LAB BLANK AR	LAB BLANK % REC.
BFB	75-125	107	75-125	93

DLR = Detection Limit for Reporting Purposes. MCL = Maximum Contaminant Level (--- indicates none determined.)
ug/L = Micrograms Per Liter (ppb) ND = Not Detected at or above the DLR. AR = Acceptable Range
♦ = DLR adjusted because of dilutions, concentrations, or limited sample.

See attached report for Quality Assurance data. If you have any questions, please ca

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Organic Laboratory Manager

Shelli Perry for
Darrell H. Nelson, B.S.
Laboratory Director

KAD/DHN:mlh

ENVIRONMENTAL

Analytical Chemists

September 29, 1995

ORGANIC Quality Assurance Report for sample: 506260

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
TOC	OA 2A	TOC	mg/L	LCS	50.0	110	75-125		MS	50.0	108	112	75-125	3.6	20.0	
TOX	OA 2A	TOX	ug/L	CCV	10.0	80.0	74-116		MS	100	93.0	85.0	75-125	9.0	20.0	

FGL ID = 19950926 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:vt

for Darrell H. Nelson, President, Laboratory Director

rporate Offices & Laboratory
. Box 272 / 853 Corporation Street
nta Paula, CA 93061-0272
.: (805) 659-0910
X: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

FGL ENVIRONMENTAL

Analytical Chemists

September 29, 1995

ORGANIC Quality Assurance Report for samples: 506260-506266

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
BFB	OK 3A	601	ug/L	LCS	20.0	98.5	75-125		BS	20.0	97.3	99.1	75-125	1.9	20.0	
Trichloroethylene	OK 3A	601	ug/L	LCS	5.00	117	75-125		BS	5.00	97.6	93.1	75-125	4.8	20.0	

FGL ID = 19950914 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:mlh

Darrell H. Nelson, President, Laboratory Director

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
TEL: (805) 659-0910
FAX: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

September 29, 1995

INORGANIC Quality Assurance Report for sample: 506260

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	BLANK QA/QC DLR	BLANK QA/QC Result	BLANK QA/QC NOTE	CALIBRAION QA/QC Type	CALIBRAION QA/QC Conc.	CALIBRAION QA/QC % REC	CALIBRAION QA/QC AR	CALIBRAION QA/QC NOTE	METHOD QA/QC Type	METHOD QA/QC Conc.	METHOD QA/QC % REC	METHOD QA/QC % REC	METHOD QA/QC AR	METHOD QA/QC % DIF	METHOD QA/QC MAV	METHOD QA/QC NOTE
ron	0A 2D1	200.7	ug/L-mg/L	50	ND		CCV	10000	101	90-110		MS	556	108	98.0	75-125	8.5	20.0	
anganese	15E 2A	200.8	ug/L-mg/L	1.0	ND		CCV	50.0	102	90-110		MS	87.0	101	96.3	75-125	0.8	20.0	
odium	0A 2D1	200.7	ug/L-mg/L	1.0	ND		CCV	10.0	97.8	90-110		MS	22.2	99.6	122	75-125	2.9	20.0	
hloride	0A 2D	300.0	mg/L	1.0	ND		CCV	72.5	103	90-110		MS	200	104	104	85-111	0.5	4.1	
onductivity	4A 2D	120.1	umhos/cm2		N/A		CCV	1410	99.4	75-125		Dup	1570	N/A	N/A	N/A	0.0	0.8	
H	0A 2A	150.1	units		N/A		CCV	8.00	99.0	90-110		Dup	7.31	N/A	N/A	N/A	0.0	1.4	
ulfate	0A 2D	300.0	mg/L	1.0	ND		CCV	65.5	92.6	90-110		MS	200	97.5	98.6	75-123	1.0	2.8	

FGL ID = 19950912 ND => Not Detected at ar above DLR. DLR => Detection Limit for Reporting purposes. N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

Shelli Perry for

Darrell H. Nelson, President, Laboratory Director

SP/DHN:c;l

orporate Offices & Laboratory
.O. Box 272 / 853 Corporation Street
anta Paula, CA 93061-0272
EL: (805) 659-0910
AX: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

FGL ENVIRONMENTAL

Analytical Chemists

Septebmer 29, 1995

ORGANIC Quality Assurance Report for sample: 506261

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
TOC	OA 2A	TOC	mg/L	LCS	50.0	110	75-125		MS	50.0	108	112	75-125	3.6	20.0	
TOX	OA 2A	TOX	ug/L	CCV	10.0	80.0	74-116		MS	100	93.0	85.0	75-125	9.0	20.0	

FGL ID = 19950926 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:vt

Darrell H. Nelson, President, Laboratory Director

orporate Offices & Laboratory
O. Box 272 / 853 Corporation Street
anta Paula, CA 93061-0272
EL: (805) 659-0910
AX: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2299

ENVIRONMENTAL

Analytical Chemists

September 29, 1995

ORGANIC Quality Assurance Report for samples: 506260-506266

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
BFB	OK 3A	601	ug/L	LCS	20.0	98.5	75-125		BS	20.0	97.3	99.1	75-125	1.9	20.0	
Trichloroethylene	OK 3A	601	ug/L	LCS	5.00	117	75-125		BS	5.00	97.6	93.1	75-125	4.8	20.0	

FGL ID = 19950914 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

Shelli Perry for

Darrell H. Nelson, President, Laboratory Director

KAD/DHN:mlh

orporate Offices & Laboratory
O. Box 272 / 853 Corporation Street
anta Paula, CA 93061-0272
EL: (805) 659 0910
AX: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

September 29, 1995

INORGANIC Quality Assurance Report for sample: 506261

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	BLANK QA/QC DLR	BLANK QA/QC Result	BLANK QA/QC NOTE	CALIBRAION QA/QC Type	CALIBRAION QA/QC Conc.	CALIBRAION QA/QC % REC	CALIBRAION QA/QC AR	CALIBRAION QA/QC NOTE	METHOD QA/QC Type	METHOD QA/QC Conc.	METHOD QA/QC % REC	METHOD QA/QC % REC	METHOD QA/QC AR	METHOD QA/QC % DIF	METHOD QA/QC MAV	METHOD QA/QC NOTE
on	OA 2D1	200.7	ug/L-mg/L	50	ND		CCV	10000	101	90-110		MS	556	108	98.0	75-125	8.5	20.0	
nganese	15E 2A	200.8	ug/L-mg/L	1.0	ND		CCV	50.0	102	90-110		MS	87.0	101	96.3	75-125	0.8	20.0	
dium	OA 2D1	200.7	ug/L-mg/L	1.0	ND		CCV	10.0	97.8	90-110		MS	22.2	99.6	122	75-125	2.9	20.0	
loride	OA 2C	300.0	mg/L	1.0	ND		CCV	72.5	102	90-110		MS	200	87.8	90.9	85-111	2.9	4.1	
nductivity	4A 2D	120.1	umhos/cm2		N/A		CCV	1410	99.4	75-125		Dup	1570	N/A	N/A	N/A	0.0	0.8	
	OA 2A	150.1	units		N/A		CCV	8.00	99.0	90-110		Dup	7.31	N/A	N/A	N/A	0.0	1.4	
lfate	OA 2C	300.0	mg/L	1.0	ND		CCV	65.5	92.6	90-110		MS	200	91.0	90.1	75-123	0.7	2.8	

GL ID = 19950912 ND => Not Detected at ar above DLR. DLR => Detection Limit for Reporting purposes. N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

Shelli Perry for

Darrell H. Nelson, President, Laboratory Director

SP/DHN:cl

rporate Offices & Laboratory
O. Box 272 / 853 Corporation Street
nta Paula, CA 93061-0272
L: (805) 659-0910
X: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

FGL ENVIRONMENTAL

Analytical Chemists

September 29, 1995

ORGANIC Quality Assurance Report for samples: 506260-506266

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
BFB	OK 3A	601	ug/L	LCS	20.0	98.5	75-125		BS	20.0	97.3	99.1	75-125	1.9	20.0	
Trichloroethylene	OK 3A	601	ug/L	LCS	5.00	117	75-125		BS	5.00	97.6	93.1	75-125	4.8	20.0	

FGL ID = 19950914 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:mlh

Darrell H. Nelson, President, Laboratory Director

orporate Offices & Laboratory
O. Box 272 / 853 Corporation Street
nta Paula, CA 93061-0272
L: (805) 659-0910
X: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

October 2, 1995

ORGANIC Quality Assurance Report for sample: 506262

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
TOC	OA 2A	TOC	mg/L	LCS	50.0	110	75-125		MS	50.0	108	112	75-125	3.6	20.0	
TOX	OA 2A	TOX	ug/L	CCV	10.0	80.0	74-116		MS	100	93.0	85.0	75-125	9.0	20.0	

FGL ID = 19950926 N/A => Not Applicable . NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:cl

Darrell H. Nelson, President, Laboratory Director

porate Offices & Laboratory
. Box 272 / 853 Corporation Street
ta Paula, CA 93061-0272
: (805) 659-0910
: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

October 2, 1995

INORGANIC Quality Assurance Report for sample: 506262

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	BLANK QA/QC DLR	BLANK QA/QC Result	BLANK QA/QC NOTE	CALIBRAION QA/QC Type	CALIBRAION QA/QC Conc.	CALIBRAION QA/QC % REC	CALIBRAION QA/QC AR	CALIBRAION QA/QC NOTE	METHOD QA/QC Type	METHOD QA/QC Conc.	METHOD QA/QC % REC	METHOD QA/QC % REC	METHOD QA/QC AR	METHOD QA/QC % DIF	METHOD QA/QC MAV	METHOD QA/QC NOTE
ron	OA 2E	200.7	ug/L-mg/L	50	ND		CCV	10000	100	90-110		MS	556	110	102	92-113	6.7	6.7	
anganese	15E 2A	200.8	ug/L-mg/L	1.0	ND		CCV	50.0	102	90-110		MS	87.0	101	96.3	75-125	0.8	20.0	
odium	OA 2E	200.7	ug/L-mg/L	1.0	ND		CCV	10.0	94.5	90-110		MS	22.2	110	96.7	75-125	3.9	20.0	
aloride	OA 2D	300.0	mg/L	1.0	ND		CCV	72.5	103	90-110		MS	200	104	104	85-111	0.5	4.1	
onductivity	4A 2C	120.1	umhos/cm2		N/A		CCV	1410	99.4	75-125		Dup	1300	N/A	N/A	N/A	0.0	0.8	
l	OA 2A	150.1	units		N/A		CCV	8.00	99.0	90-110		Dup	7.31	N/A	N/A	N/A	0.0	1.4	
ulfate	OA 2D	300.0	mg/L	1.0	ND		CCV	65.5	92.6	90-110		MS	200	97.5	98.6	75-123	1.0	2.8	

'GL ID = 19950912 ND => Not Detected at ar above DLR. DLR => Detection Limit for Reporting purposes. N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

Shelli Perry for

Darrell H. Nelson, President, Laboratory Director

SP/DHN:cl

rporate Offices & Laboratory
). Box 272 / 853 Corporation Street
nta Paula, CA 93061-0272
L: (805) 659-0910
X: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

FGL ENVIRONMENTAL

Analytical Chemists

September 29, 1995

ORGANIC Quality Assurance Report for samples: 506260-506266

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
BFB	OK 3A	601	ug/L	LCS	20.0	98.5	75-125		BS	20.0	97.3	99.1	75-125	1.9	20.0	
Trichloroethylene	OK 3A	601	ug/L	LCS	5.00	117	75-125		BS	5.00	97.6	93.1	75-125	4.8	20.0	

FGL ID = 19950914 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:mlh

for Darrell H. Nelson, President, Laboratory Director

rporate Offices & Laboratory
O. Box 272 / 853 Corporation Street
nta Paula, CA 93061-0272
L: (805) 659-0910
X: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

October 2, 1995

ORGANIC Quality Assurance Report for sample: 506263

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
TOC	OA 2A	TOC	mg/L	LCS	50.0	110	75-125		MS	50.0	108	112	75-125	3.6	20.0	
TOX	OA 2A	TOX	ug/L	CCV	10.0	80.0	74-116		MS	100	93.0	85.0	75-125	9.0	20.0	

FGL ID = 19950926 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:cl

Darrell H. Nelson, President, Laboratory Director

porate Offices & Laboratory
. Box 272 / 853 Corporation Street
ta Paula, CA 93061-0272
.: (805) 659-0910
: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

October 2, 1995

INORGANIC Quality Assurance Report for sample: 506263

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	BLANK QA/QC DLR	BLANK QA/QC Result	BLANK QA/QC NOTE	CALIBRAION QA/QC Type	CALIBRAION QA/QC Conc.	CALIBRAION QA/QC % REC	CALIBRAION QA/QC AR	CALIBRAION QA/QC NOTE	METHOD QA/QC Type	METHOD QA/QC Conc.	METHOD QA/QC % REC	METHOD QA/QC % REC	METHOD QA/QC AR	METHOD QA/QC % DIF	METHOD QA/QC MAV	METHOD QA/QC NOTE
ron	0A 2E	200.7	ug/L-mg/L	50	ND		CCV	10000	100	90-110		MS	556	110	102	92-113	6.7	6.7	
nganese	15E 2A	200.8	ug/L-mg/L	1.0	ND		CCV	50.0	102	90-110		MS	87.0	101	96.3	75-125	0.8	20.0	
dium	0A 2E	200.7	ug/L-mg/L	1.0	ND		CCV	10.0	94.5	90-110		MS	22.2	110	96.7	75-125	3.9	20.0	
loride	0A 2D	300.0	mg/L	1.0	ND		CCV	72.5	103	90-110		MS	200	104	104	85-111	0.5	4.1	
nductivity	4A 2D	120.1	umhos/cm2		N/A		CCV	1410	99.4	75-125		Dup	1570	N/A	N/A	N/A	0.0	0.8	
	0A 2A	150.1	units		N/A		CCV	8.00	99.0	90-110		Dup	7.31	N/A	N/A	N/A	0.0	1.4	
lfate	0A 2D	300.0	mg/L	1.0	ND		CCV	65.5	92.6	90-110		MS	200	97.5	98.6	75-123	1.0	2.8	

GL ID = 19950912 ND => Not Detected at ar above DLR. DLR => Detection Limit for Reporting purposes. N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

Shelli Perry for

Darrell H. Nelson, President, Laboratory Director

SP/DHN:cl

rporate Offices & Laboratory
). Box 272 / 853 Corporation Street
nta Paula, CA 93061-0272
.: (805) 659-0910
X: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942 0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

September 29, 1995

ORGANIC Quality Assurance Report for samples: 506260-506266

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
BFB	OK 3A	601	ug/L	LCS	20.0	98.5	75-125		BS	20.0	97.3	99.1	75-125	1.9	20.0	
Trichloroethylene	OK 3A	601	ug/L	LCS	5.00	117	75-125		BS	5.00	97.6	93.1	75-125	4.8	20.0	

FGL ID = 19950914 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:mlh

Darrell H. Nelson, President, Laboratory Director

rporate Offices & Laboratory
). Box 272 / 853 Corporation Street
nta Paula, CA 93061-0272
L: (805) 659-0910
K: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

October 2, 1995

ORGANIC Quality Assurance Report for sample: 506264

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
TOC	OA 2A	TOC	mg/L	LCS	50.0	110	75-125		MS	50.0	108	112	75-125	3.6	20.0	
TOX	OA 2A	TOX	ug/L	CCV	10.0	80.0	74-116		MS	100	93.0	85.0	75-125	9.0	20.0	

FGL ID = 19950926 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:cl

for Darrell H. Nelson, President, Laboratory Director

rporate Offices & Laboratory
. Box 272 / 853 Corporation Street
ita Paula, CA 93061-0272
.: (805) 659-0910
X: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

October 2, 1995

INORGANIC Quality Assurance Report for sample: 506264

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

onstituent	BATCH ID	EPA Method	Units	BLANK QA/QC DLR	Result	NOTE	CALIBRAION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
on	0A 2E	200.7	ug/L-mg/L	50	ND		CCV	10000	100	90-110		MS	556	110	102	92-113	6.7	6.7	
nganese	15E 2A	200.8	ug/L-mg/L	1.0	ND		CCV	50.0	102	90-110		MS	87.0	101	96.3	75-125	0.8	20.0	
dium	0A 2E	200.7	ug/L-mg/L	1.0	ND		CCV	10.0	94.5	90-110		MS	22.2	110	96.7	75-125	3.9	20.0	
loride	0A 2D	300.0	mg/L	1.0	ND		CCV	72.5	103	90-110		MS	200	104	104	85-111	0.5	4.1	
nductivity	4A 2C	120.1	umhos/cm2	N/A			CCV	1410	99.4	75-125		Dup	1300	N/A	N/A	N/A	0.0	0.8	
	0A 2A	150.1	units	N/A			CCV	8.00	99.0	90-110		Dup	7.31	N/A	N/A	N/A	0.0	1.4	
lfate	0A 2D	300.0	mg/L	1.0	ND		CCV	65.5	92.6	90-110		MS	200	97.5	98.6	75-123	1.0	2.8	

GL ID = 19950912 ND => Not Detected at ar above DLR. DLR => Detection Limit for Reporting purposes. N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

Shelli Perry for

Darrell H. Nelson, President, Laboratory Director

SP/DHN:cl

rporate Offices & Laboratory
). Box 272 / 853 Corporation Street
nta Paula, CA 93061-0272
.: (805) 659-0910
X: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

September 29, 1995

ORGANIC Quality Assurance Report for samples: 506260-506266

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
BFB	OK 3A	601	ug/L	LCS	20.0	98.5	75-125		BS	20.0	97.3	99.1	75-125	1.9	20.0	
Trichloroethylene	OK 3A	601	ug/L	LCS	5.00	117	75-125		BS	5.00	97.6	93.1	75-125	4.8	20.0	

FGL ID = 19950914 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:mlh

Darrell H. Nelson, President, Laboratory Director

rporate Offices & Laboratory
. Box 272 / 853 Corporation Street
nta Paula, CA 93061-0272
.: (805) 659-0910
X: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

October 2, 1995

ORGANIC Quality Assurance Report for sample: 506265

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
TOC	QA 2A	TOC	mg/L	LCS	50.0	110	75-125		MS	50.0	108	112	75-125	3.6	20.0	
TOX	QA 2A	TOX	ug/L	CCV	10.0	80.0	74-116		MS	100	93.0	85.0	75-125	9.0	20.0	

FGL ID = 19950926 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:cl

Darrell H. Nelson, President, Laboratory Director

porate Offices & Laboratory
. Box 272 / 853 Corporation Street
ta Paula, CA 93061-0272
: (805) 659-0910
: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

September 29, 1995

ORGANIC Quality Assurance Report for samples: 506260-506266

Bermite Division of Whittaker
22116 W. Soledad Can. Rd.
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
BFB	OK 3A	601	ug/L	LCS	20.0	98.5	75-125		BS	20.0	97.3	99.1	75-125	1.9	20.0	
Trichloroethylene	OK 3A	601	ug/L	LCS	5.00	117	75-125		BS	5.00	97.6	93.1	75-125	4.8	20.0	

FGL ID = 19950914 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:mlh

Darrell H. Nelson, President, Laboratory Director

rporate Offices & Laboratory
). Box 272 / 853 Corporation Street
nta Paula, CA 93061-0272
L: (805) 659-0910
X: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

Analytical Chemists

October 2, 1995

ORGANIC Quality Assurance Report for sample: 506266

Bermite Division of Whittaker
22116 W. Soledad Canyon Road
Saugus , CA 91350

Constituent	BATCH ID	EPA Method	Units	CALIBRATION QA/QC Type	Conc.	% REC	AR	NOTE	METHOD QA/QC Type	Conc.	% REC	% REC	AR	% DIF	MAV	NOTE
TOC	QA 2A	TOC	mg/L	LCS	50.0	110	75-125		MS	50.0	108	112	75-125	3.6	20.0	
TOX	QA 2A	TOX	ug/L	CCV	10.0	80.0	74-116		MS	100	93.0	85.0	75-125	9.0	20.0	

FGL ID = 19950926 N/A => Not Applicable NOTE => See note indicated below.

FGL ENVIRONMENTAL, INC.

KAD/DHN:cl

Darrell H. Nelson, President, Laboratory Director

rporate Offices & Laboratory
. Box 272 / 853 Corporation Street
ta Paula, CA 93061-0272
.: (805) 659-0910
(: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

SAMPLE ANALYSIS REQUEST

Sampling Information

Project No. 85-01-4 Project Name: BERMITE 317 AREA 28TH. QTR. SAMPLING

Sampler Name: GLEN ABDON-NUR/TIM BRICKER Tele. No. (805) 259-2241

Name of Person Receiving Samples: Stacey Berrington

Date Samples Received: 9/12/95

Internal Temperature of Sample Container: 0

Notes on Samples:

Analysis Required

Sample I.D.	Laboratory I.D.	pH, EC	TOC	TOX	SULFATE, CHLORIDE	EPA 601 TCE ONLY	IRON, MANGANESE, SODIUM
MW10/A/28	5062604	X					
MW10/B/28	↓		X				
MW10/C/28	↓			X			
MW10/H/28	↓				X		
MW10/O/28	↓					X	
MW10/R/28	↓						X
MW5/B/28/1A	5062605		X				
MW5/C/28/1A	↓			X			
MW5/O/28/1A	↓					X	
MW6/B/28/1A	5062606		X				
MW6/C/28/1A	↓			X			
MW6/O/28/1A	↓					X	

SAMPLE ANALYSIS REQUEST

Sampling Information

Project No. 85-01.4 **Project Name:** BERMITE 28TH QTR. SAMPLING 317 AREA

Sampler Name: GLEN ABDIN-NUR/TIM BRICKER **Tele. No.** (805) 259-2241

Name of Person Receiving Samples: Stacey Berrington

Date Samples Received: 9/12/95

Internal Temperature of Sample Container: 0

Notes on Samples:

Analysis Required

Sample I.D.	Laboratory I.D.	pH, EC	TOC	TOX	SULFATE, CHLORIDE	EPA 601 TCE ONLY	IRON, MANGANESE, SODIUM
MW5/A/28	5062 62	X					
MW5/B/28			X				
MW5/C/28				X			
MW5/H/28					X		
MW5/O/28						X	
MW5/R/28							X
MW6/A/28	5062 63	X					
MW6/B/28			X				
MW6/C/28				X			
MW6/H/28					X		
MW6/O/28						X	
MW6/R/28							X

SAMPLE ANALYSIS REQUEST

Sampling Information

Project No. 85-01.4 Project Name: BERMITE 28-11 GTR. SAMPLING 317 AREA

Sampler Name: GLEN ABDUN-NOR/TIM BRICKER Tele. No. (805) 259-2741

Name of Person Receiving Samples: Stacey Berrington

Date Samples Received: 9/12/95

Internal Temperature of Sample Container: 0

Notes on Samples:

Analysis Required

Sample I.D.	Laboratory I.D.	pH, EC	TOC	TOX	SULFATE, CHLORIDE	EPA 601 TCE ONLY	IRON, MANGANESE, SODIUM
MW1/A/28	5060260	X					
MW1/B/28			X				
MW1/C/28				X			
MW1/H/28					X		
MW1/O/28						X	
MW1/R/28							X
MW3/A/28	5060261	X					
MW3/B/28			X				
MW3/C/28				X			
MW3/H/28					X		
MW3/O/28						X	
MW3/R/28							X

ENVIRONMENTAL

CHAIN OF CUSTODY

QUARTERLY

Laboratory Copy (1 of 3)

ient : Bermite Division of Whittaker
dress: 22116 W. Soledad Canyon Road
Saugus CA 91350
one : (805)259-2242
x : (805)259-2244

2-4570

oject Name : MW6-1A Qtrly 317 Area Monitor.
ntact person : Mr. Glen Abun-nur
rchase order Number:
/QC report required: Yes No

mpler(s):
mp sampler setup Date:__/__/__ Time:__:__
sh Results due By: __/__/__
te Received: __/__/__
o Number: 5062166

TEST DESCRIPTIONS - See reverse side for Container, Preservative and Sampling information

p	Location/Description	Date Sampled	Time Sampled	Type of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	(P) Potable (NP) Non-Potable	TOC Cont. 250ml(at)-H_2SO_4	TOX Cont. 250ml(at)-H_2SO_4	EPA 601 Cont. 40ml(v) * ST										Sample Temp °C: ___ Sample Cond.: ___ Sealed? ___
	MW6/B/28/1A	9/12/95	1030	G	MW		1												
	MW6/C/28/1A	"	1031	G	MW			1											
	MW6/D/28/1A	"	1032	G	MW				3										

Lab 9/12

REC'D 1995

sc. Notes:

nal Sample Dispostion:
o Disposal:__/__/__ Returned to Client
th. of Disposal:_____ Date Ret. __/__/__

Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:
	9-12-95	1250		9/12/95	1343	SBerrington	9/13/95	
Received by:	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**
	9/12/95	1250	SBerrington	9/12/95	1343	UPS Red	9/13/95	

Y. Starr 9/14/95

rporate Offices & Laboratory
O. Box 272 / 853 Corporation Street
nta Paula, CA 93061 0272
.: (805) 659 0910

Office and Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942 0181

Field Office
Visalia, California
TEL: (209) 734-9473

EGL ENVIRONMENTAL

CHAIN OF CUSTODY

QUARTERLY

Laboratory Copy (1 of 3)

lient : Bermite Division of Whittaker
ddress: 22116 W. Soledad Canyon Road
Saugus CA 91350
hone : (805)259-2242
ax : (805)259-2244

2-4570

roject Name : MW5-1A Qtrly 317 Area Monitor.
ontact person : Mr. Glen Abun-nur
urchase order Number:
A/QC report required: Yes No

ampler(s):
omp sampler setup Date:__/__/__ Time:__:__
ush Results due By: __/__/__
ate Received: __/__/__
ab Number: 5062165

TEST DESCRIPTIONS - See reverse side for Container, Preservative and Sampling information

mp m	Location/Description	Date Sampled	Time Sampled	Type of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	(P) Potable (NP) Non-Potable	TOC Cont. 250ml(at)-H_2SO_4	TOX Cont. 250ml(at)-H_2SO_4	EPA 601 Cont. 40ml(v) STK										Sample Temp °C: __ Sample Cond.: __ Sealed? __
1	MW5/B/~~2~~1A	9/12/95	1055	G	MW		1												
2	MW5/C/~~2~~1A	"	1056	G	MW			1											
3	MW5/D/~~3~~1A	"	1057	G	MW				3										

REC'D 1995 Lab 9/12

isc. Notes:

inal Sample Dispostion:
ab Disposal:__/__/__ Returned to Client
eth. of Disposal:_____ Date Ret. __/__/__

Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:
	9/12/95	1250		9/12/95	1343	S Bonnington	9/13/95	
Received by:	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**
	9/12/95	1250	S Bonnington	9/12/95	1343	UPS Rad	9/13/95	

Y Estarr 9/14/95

orporate Offices & Laboratory
.O. Box 272 / 853 Corporation Street
anta Paula, CA 93061-0272
EL: (805) 659-0910
AX: (805) 525-4172

Office and Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

FGL ENVIRONMENTAL

CHAIN OF CUSTODY

~~QUARTERLY~~ ~~Laboratory Copy (1 of 3)~~

lient : Bermite Division of Whittaker
ddress: 22116 W. Soledad Canyon Road
Saugus CA 91350
hone : (805)259-2242
ax : (805)259-2244

2-4570

roject Name : MW10 Qtrly 317 Area Monitoring
ontact person : Mr. Glen Abun-nur
urchase order Number:
A/QC report required: Yes No

ampler(s):
omp sampler setup Date:__/__/__ Time:__:__
ush Results due By: __/__/__
ate Received: __/__/__
ab Number: 5062604

TEST DESCRIPTIONS - See reverse side for Container, Preservative and Sampling information

mp m	Location/Description	Date Sampled	Time Sampled	Type of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	(P) Potable (NP) Non-Potable	Wet Chem - E.C., pH Cont. 16oz.(p)	TOC* Cont. 250ml(at)-H_2SO_4	TOX Cont. 250ml(at)-H_2SO_4	Wet Chem - Cl, SO_4 Cont. 32oz.(p)	EPA 601 Cont. 40ml(v)	Trace Metals-P - Fe, Mn, Na Cont. 32oz.(p)-HNO_3									Sample Temp °C: __ Sample Cond.: __ Sealed? __
1	MW10/A/28	9/12/95	1105	G	MW		1														
2	MW10/B/28	"	1107	G	MW			1													
3	MW10/C/28	"	1110	G	MW				1												
4	MW10/H/28	"	1113	G	MW					1											
5	MW10/O/28	"	1117	G	MW						3										
6	MW10/R/28	"	1115	G	MW							1									

STK

Lab 9/12

isc. Notes:

inal Sample Dispostion:
ab Disposal:__/__/__ Returned to Client
eth. of Disposal:_____ Date Ret. __/__/__

Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:
[signature]	9/12/95	1250	[signature]	9/12/95	1343	SBonnington	9/13/95	
Received by:	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**
[signature]	9/12/95	1250	SBonnington	9/12/95	1343	UPS Red		

Y. Starr 9/14/95

rporate Offices & Laboratory
O. Box 272 · 853 Corporation Street
nta Paula, CA 93061-0272
L: (805) 659 0910
X: (805) 525 4172

Office and Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942 0181
FAX: (209) 942 0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737 2399

FGL ENVIRONMENTAL

CHAIN OF CUSTODY

QUARTERLY

Laboratory Copy (1 of 3)

ient : Bermite Division of Whittaker
ddress: 22116 W. Soledad Canyon Road
Saugus CA 91350
hone : (805)259-2242
ax : (805)259-2244

2-4570

roject Name : MW6 Qtrly 317 Area Monitoring
ontact person : Mr. Glen Abun-nur
urchase order Number:
A/QC report required: Yes No

ampler(s): [signature]

omp sampler setup Date:__/__/__ Time:__:__

ush Results due By: __/__/__

ate Received: __/__/__

ab Number: 5060263

TEST DESCRIPTIONS - See reverse side for Container, Preservative and Sampling information

mp m	Location/Description	Date Sampled	Time Sampled	Type of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	(P) Potable (NP) Non-Potable	Wet Chem - E.C., pH Cont. 16oz.(p)	TOC Cont. 250ml(at)-H_2SO_4	TOX Cont. 250ml(at)-H_2SO_4	Wet Chem - Cl, SO_4 Cont. 32oz.(p)	EPA 601 Cont. 40ml(v)	Trace Metals-P - Fe, Mn, Na Cont. 32oz.(p)-HNO_3								Sample Temp °C: __ Sample Cond.: __ Sealed? X
1	MW6/A/28	9/12/95	1015	G	MW		1													
2	MW6/B/28	"	1017	G	MW			1												
3	MW6/C/28	"	1019	G	MW				1											
4	MW6/H/28	"	1022	G	MW					1										
5	MW6/O/28	"	1024	G	MW						3									
6	MW6/R/28	"	1023	G	MW							1								

STK

Lab 9/12

isc. Notes:

inal Sample Dispostion:
ab Disposal:__/__/__ Returned to Client
eth. of Disposal:_____ Date Ret. __/__/__

Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:
[signature]	9/12/95	1250	[signature]	9/12/95	1343	S Berrenglam	9/13/95	
Received by:	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**
[signature]	9/12/95	1250	S Berrenglam	9/12/95	1343	UPS Red		

Y. Starr 9/14/95

Corporate Offices & Laboratory
O. Box 272 / 853 Corporation Street
anta Paula, CA 93061-0272
EL: (805) 659-0910
AX: (805) 525-4172

Office and Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile (209) 737-2399

FGL ENVIRONMENTAL

CHAIN OF CUSTODY

QUARTERLY

Laboratory Copy (1 of 3)

lient : Bermite Division of Whittaker
ddress: 22116 W. Soledad Canyon Road
Saugus CA 91350
hone : (805)259-2242
ax : (805)259-2244

2-4570

roject Name : MW5 Qtrly 317 Area Monitoring
ontact person : Mr. Glen Abun-nur
urchase order Number:
A/QC report required: Yes No

ampler(s):

omp sampler setup Date:__/__/__ Time:__:__

ush Results due By: __/__/__

ate Received: __/__/__

ab Number: 5062162

TEST DESCRIPTIONS - See reverse side for Container, Preservative and Sampling information

mp m	Location/Description	Date Sampled	Time Sampled	Type of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	(P) Potable (NP) Non-Potable	Wet Chem - E.C., pH Cont. 16oz.(p)	TOC Cont. 250ml(at)-H_2SO_4	TOX Cont. 250ml(at)-H_2SO_4	Wet Chem - Cl, SO_4 Cont. 32oz.(p)	EPA 601 Cont. 40ml(v)	Trace Metals-P - Fe, Mn, Na Cont. 32oz.(p)-HNO_3								Sample Temp °C: ___ Sample Cond.: ___ Sealed? Y
1	MW5/A/28	9/12/95	1040	G	MW		1													
2	MW5/B/28	"	1042	G	MW			1												
3	MW5/C/28	"	1045	G	MW				1											
4	MW5/H/28	"	1048	G	MW					1										
5	MW5/O/28	"	1052	G	MW						3									
5	MW5/R/28	"	1050	G	MW							1								

STK

Lab 9/12

isc. Notes:

inal Sample Dispostion:

ab Disposal:__/__/__ Returned to Client

eth. of Disposal:_____ Date Ret. __/__/__

Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:
	9-12-95	1250		9/12/95	1343	S Bonnington	9/13/95	
Received by:	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**
	9/12/95	1250	S Bonnington	9/12/95	1343	UPS Red		

Y. Starr 9/14/95

rporate Offices & Laboratory
O. Box 272 / 853 Corporation Street
nta Paula, CA 93061-0272
L: (805) 659 0910
X: (805) 525 4172

Office and Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942 0181
FAX (209) 942 0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile (209) 737 2399

ENVIRONMENTAL

CHAIN OF CUSTODY

QUARTERLY — Laboratory Copy (1 of 3)

lient : Bermite Division of Whittaker
ddress: 22116 W. Soledad Canyon Road
Saugus CA 91350
hone : (805)259-2242
ax : (805)259-2244

2-4570

roject Name : MW3 Qtrly 317 Area Monitoring
ontact person : Mr. Glen Abun-nur
urchase order Number:
A/QC report required: Yes No

ampler(s):
omp sampler setup Date:__/__/__ Time:__:__
ush Results due By: __/__/__
ate Received: __/__/__
ab Number: 5060261

TEST DESCRIPTIONS - See reverse side for Container, Preservative and Sampling information

mp m	Location/Description	Date Sampled	Time Sampled	Type of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	(P) Potable (NP) Non-Potable	Wet Chem - E.C., pH Cont. 16oz.(p)	TOC Cont. 250ml(at)-H_2SO_4	TOX Cont. 250ml(at)-H_2SO_4	Wet Chem - Cl, SO_4 Cont. 32oz.(p)	EPA 601 Cont. 40ml(v)	Trace Metals-P - Fe, Mn, Na Cont. 32oz.(p)-HNO_3								Sample Temp °C: ___ Sample Cond.: ___ Sealed?
1	MW3/A/28	9/12/95	1203	G	MW		1													
2	MW3/B/28	"	1202	G	MW			1												
3	MW3/C/28	"	1205	G	MW				1											
4	MW3/H/28	"	1208	G	MW					1										
5	MW3/O/28	"	1215	G	MW						3									
6	MW3/R/28	"	1212	G	MW							1								

STK

LAD 9/12

isc. Notes:

inal Sample Dispostion:
ab Disposal:__/__/__ Returned to Client
eth. of Disposal:_____ Date Ret. __/__/__

Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:
[signature]	9-12-95	1250	[signature]	9/12/95	1343	S Bennington	9/13/95	
Received by:	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**
[signature]	9/12/95	1250	S Bennington	9/12/95	1343	UPS Red		

Y. Starr 9/14/95

orporate Offices & Laboratory
O. Box 272 / 853 Corporation Street
anta Paula, CA 93061-0272
EL: (805) 659-0910
AX: (805) 525-4172

Office and Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

ENVIRONMENTAL

CHAIN OF CUSTODY

~~QUARTERLY~~ ~~Laboratory Copy (1 of 3)~~

ient : Bermite Division of Whittaker
ddress: 22116 W. Soledad Canyon Road
Saugus CA 91350
hone : (805)259-2242
ax : (805)259-2244

2-4570

roject Name : MW1 Qtrly 317 Area Monitoring
ontact person : Mr. Glen Abun-nur
urchase order Number:
A/QC report required: Yes No

ampler(s):
omp sampler setup Date:__/__/__ Time:__:__
ush Results due By: __/__/__
ate Received: __/__/__
ab Number: 506260

TEST DESCRIPTIONS - See reverse side for Container, Preservative and Sampling information

mp	Location/Description	Date Sampled	Time Sampled	Type of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	(P) Potable (NP) Non-Potable	Wet Chem - E.C., pH Cont. 16oz.(p)	TOC Cont. 250ml(at)-H_2SO_4	TOX Cont. 250ml(at)-H_2SO_4	Wet Chem - Cl, SO_4 Cont. 32oz.(p)	EPA 601 * STK Cont. 40ml(v)	Trace Metals-P - Fe, Mn, Na Cont. 32oz.(p)-HNO_3								Sample Temp °C: __ Sample Cond.: __ Sealed? Y
	MW1/A/28	9/12/95	1130	G	MW		1													
	MW1/B/28	"	1132	G	MW			1												
	MW1/C/28	"	1135	G	MW				1											
	MW1/H/28	"	1138	G	MW					1										
	MW1/O/28	"	1145	G	MW						3									
	MW1/R/28	"	1141	G	MW							1								

Lab 9/12

sc. Notes:

nal Sample Dispostion:
o Disposal:__/__/__ Returned to Client
th. of Disposal:_____ Date Ret. __/__/__

Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:
	9-12-95	1250		9/12/95	1343	SBennington	9/13	95
Received by:	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**
	9/12/95	1250	SBennington	9/12/95	1343	UPS Rad		

Y. Starr 9/14/95

porate Offices & Laboratory
Box 272 / 853 Corporation Street
nta Paula, CA 93061 0272
(805) 659 0910
(805) 525-4172

Office and Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942 0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (209) 734-9473
Mobile: (209) 737-2399

RCRA GROUNDWATER SAMPLING
317 AREA 28TH. QUARTERLY SAMPLING

9-8-95 GLEN ABDUN-NUR/TIM BRICKER

WARM / CLEAR 76°

0730 - GOING UP THE HILL TO TAKE DEPTH TO WATER MEASUREMENTS

WELL	TOC	DEPTH TO WATER	ELEVATION
MW1	1561.32	499.86	1061.46
MW3	1538.51	474.92	1063.59
MW5	1493.37	432.31	1061.06
MW6	1521.09	460.43	1060.66
MW10	1537.49	475.91	1061.58

0830 | COMPLETED DEPTH TO WATER MEASUREMENTS.

9-11-95 GLEN ABDUN-NUR / TIM BRICKER

WARM / CLEAR 74°

0730 - GOING UP THE HILL TO START ALL WELLS PUMPING. ALL WELLS PUMPING GOOD.

1130 - UP THE HILL TO TAKE 1ST. SET OF STABILIZATION READINGS.

WELL	DATE TIME 9-11-95	TEMP	PH	COND.	TURB
MW1	1155	24	8.01	767	3.71
MW3	1200	24.4	7.94	595	7.60
MW5	1140	24	7.96	579	2.93
MW6	1135	23.8	7.66	570	11.65
MW10	1145	23.9	7.93	607	5.75

1210 1ST SET OF STABILIZATION READINGS COMPLETED.

1230 - POWER FAILURE AT FACILITY. ALL WELLS STOPPED PUMPING.

1430 - POWER RESTORED ALL WELLS PUMPING AGAIN.

9-12-95 GLEN ABDUN-NUR / TIM BRICKER

COOL / CLEAR 72°

0730 : UP THE HILL TO TAKE 2ND. SET OF STABILIZATION READINGS.

WELL	DATE TIME 9-12-95	TEMP	pH	COND	TURB.
MW1	0755	23.2	7.68	751	2.94
MW3	0800	24.2	7.68	613	1.11
MW5	0740	23.2	7.60	548	2.57
MW6	0735	23.5	7.77	567	3.08
MW10	0745	23.2	7.55	610	2.91

0810 - 2ND. SET OF STABILIZATION READINGS COMPLETED.

0930 - UP THE HILL TO TAKE 3RD. SET OF STABILIZATION READINGS

WELL	DATE TIME 9-12-95	TEMP	pH	COND.	TURB.
MW1		23.1	7.85	699	2.26
MW3		24.3	7.79	630	1.15
MW5		23.7	7.90	545	2.24
MW6		24.1	8.03	568	2.71
MW10		23.6	7.76	549	2.33

1005 : 3RD. SET OF STABILIZATION READINGS COMPLETED

1015 - BEGINNING SAMPLING AT MW-6.

SAMPLE ID	# CONT.	TYPE	TIME
MW6/A/28	1	500ML.	1015
MW6/B/28	1	250ML.AG.	1017
MW6/C/28	1	250ML.AG.	1019
MW6/H/28	1	1000ML.	1022
MW6/O/28	3	40ML.AG.	1024
MW6/R/28	1	1000ML	1023

1030 - FILLING & LABELING FIELD BLANKS

MW6/B/28/1A	1	250ML.AG	1030
MW6/C/28/1A	1	250ML.AG.	1031
MW6/O/28/1A	3	40ML.AG	1032

1035 - SAMPLING COMPLETED AT MW6. WELL TURNED OFF & SECURED.

1040 - BEGINNING SAMPLING AT MW-5

MW5/A/28	1	500ML.	1040
MW5/B/28	1	250ML.AG.	1042
MW5/C/28	1	250ML.AG.	1045
MW5/H/28	1	1000ML.	1048
MW5/O/28	3	40ML.AG.	1052
MW5/R/28	1	1000ML.	1050

1055 LABELING TRIP BLANKS.

MW5/B/28/1A	1	250 ML.AG.	1055
MW5/C/28/1A	1	250ML.AG.	1056
MW5/O/28/1A	3	40ML.AG.	1057

1100 SAMPLING COMPLETED AT MW-5. WELL TURNED OFF + SECURED.

1105 BEGINNING SAMPLING AT MW-10.

SAMPLE ID	#CONT.	TYPE	TIME
MW10/A/28	1	500ML.	1105
MW10/B/28	1	250ML.AG	1107
MW10/C/28	1	250ML.AG.	1110
MW10/H/28	1	1000ML.	1113
MW10/O/28	3	40ML.AG.	1117
MW10/R/28	1	1000ML.	1115

1122 SAMPLING COMPLETED AT MW-10. WELL TURNED OFF + SECURED.

1130 BEGINNING SAMPLING AT MW-1.

SAMPLE ID	#CONT	TYPE	TIME
MW1/A/28	1	500ML.	1130
MW1/B/28	1	250ML.AG.	1132
MW1/C/28	1	250ML.AG.	1135
MW1/H/28	1	1000ML.	1138
MW1/O/28	3	40ML.AG	1145
MW1/R/28	1	1000ML.	1141

1150 - SAMPLING COMPLETED AT MW-1. WELL TURNED OFF + SECURED.

1200 - BEGINNING SAMPLING AT MW-3

SAMPLE ID	# CONT	TYPE	TIME
MW3/A/28	1	500ML.	1200
MW3/B/28	1	250ML. AG.	1202
MW3/C/28	1	250ML. AG.	1205
MW3/H/28	1	1000ML.	1208
MW3/O/28	3	40ML. AG.	1215
MW3/R/28	1	1000ML.	1212

1220 - SAMPLING COMPLETED AT MW-3. WELL TURNED OFF + SECURED.

1235 - LOADING SAMPLES INTO TRUCK TO TAKE TO FGL LAB IN SANTA PAULA.

1250 - LEAVING FOR THE LAB.

* ALL TOC + TOX SAMPLES PRESERVED WITH H_2SO_4 < 2 pH.

TEMP/pH/COND. METER USED IS A CORNING CHECKMATE 90.

TURBIDITY METER USED IS A LAMOTE MODEL 2008.

WELL DEPTH INDICATOR USED IS A SOLINST 650'

I-CHEM

Production Number 3231092

CERTIFICATE OF ANALYSIS

This is your Certificate of Analysis for I-CHEM SUPERFUND-ANALYZED™ product which has been prepared in accordance with I-CHEM Performance-Based Specifications. This product meets or exceeds analyte specifications established in the U.S. EPA "Specifications and Guidance for Contaminant-Free Sample Containers" for use in Superfund and other hazardous waste programs.

Group 1. Glass and HDPE Sample Containers for use in the analysis of Metals

Analyte	Detection Limit (ug/L)	Analyte	Detection Limit (ug/L)	Analyte	Detection Limit (ug/L)
Aluminum	< 80	Cobalt	< 10	Selenium	< 2
Antimony	< 5	Copper	< 10	Silver	< 5
Arsenic	< 2	Iron	< 50	Sodium	< 5000
Barium	< 20	Lead	< 2	Sodium (HDPE)	< 100
Barium (Amber HDPE)	< 50	Magnesium	< 100	Thallium	< 5
Beryllium	< 0.5	Manganese	< 10	Vanadium	< 10
Cadmium	< 1	Mercury	< 0.2	Zinc	< 10
Calcium	< 500	Nickel	< 20	Zinc (Amber HDPE)	< 500
Calcium (HDPE)	< 100	Potassium	< 750		
Chromium	< 10	Potassium (HDPE)	< 100		

Group 2. Glass Sample Containers for use in the analysis of Semivolatiles, Pesticides, and PCBs

Compound	Quantitation Limit(ug/L)	Compound	Quantitation Limit(ug/L)	Compound	Quantitation Limit(ug/L)
Acenaphthene	< 5	Acenaphthylene	< 5	Anthracene	< 5
Benzo(a)anthracene	< 5	Benzo(a)pyrene	< 5	Benzo(b)fluoranthene	< 5
Benzo(k)fluoranthene	< 5	Benzo(g,h,i)perylene	< 5	Benzoic Acid	< 20
Benzyl Alcohol	< 5	4-Bromophenyl-phenylether	< 5	Butylbenzylphthalate	< 5
4-Chloroaniline	< 5	4-Chloro-3-methylphenol	< 5	bis-(2-Chloroethoxy)methane	< 5
bis-(2-Chloroethyl)ether	< 5	bis-(2-Chloroisopropyl)ether	< 5	2-Chloronaphthalene	< 5
2-Chlorophenol	< 5	4-Chlorophenyl-phenylether	< 5	Chrysene	< 5
Di-n-butylphthalate	< 5	Di-n-octylphthalate	< 5	Dibenzo(a,h)anthracene	< 5
Dibenzofuran	< 5	1,2-Dichlorobenzene	< 5	1,4-Dichlorobenzene	< 5
1,3-Dichlorobenzene	< 5	3,3'-Dichlorobenzidine	< 5	2,4-Dichlorophenol	< 5
Diethylphthalate	< 5	Dimethylphthalate	< 5	2,4-Dimethylphenol	< 5
4,6-Dinitro-2-methylphenol	< 20	2,4-Dinitrophenol	< 20	2,4-Dinitrotoluene	< 5
2,6-Dinitrotoluene	< 5	bis-(2-Ethylhexyl)phthalate	< 5	Fluoranthene	< 5
Fluorene	< 5	Hexachlorobenzene	< 5	Hexachlorobutadiene	< 5
Hexachlorocyclopentadiene	< 5	Hexachloroethane	< 5	Indeno(1,2,3-cd)pyrene	< 5
Isophorone	< 5	2-Methylnaphthalene	< 5	2-Methylphenol	< 5
4-Methylphenol	< 5	2-Nitroaniline	< 20	3-Nitroaniline	< 20
4-Nitroaniline	< 20	N-Nitroso-di-n-propylamine	< 5	N-Nitrosodimethylamine	< 5
N-Nitrosodiphenylamine	< 5	Naphthalene	< 5	Nitrobenzene	< 5
2-Nitrophenol	< 5	4-Nitrophenol	< 20	Pentachlorophenol	< 20
Phenanthrene	< 5	Phenol	< 5	Pyrene	< 5
1,2,4-Trichlorobenzene	< 5	2,4,5-Trichlorophenol	< 20	2,4,6-Trichlorophenol	< 5
Azobenzene	< 5	Carbazole	< 5	Aldrin	< 0.01
4,4'-DDD	< 0.02	Endosulfan II	< 0.02	Alpha-BHC	< 0.01
4,4'-DDE	< 0.02	Endosulfan Sulfate	< 0.02	Beta-BHC	< 0.01
4,4'-DDT	< 0.02	Endrin	< 0.02	Delta-BHC	< 0.01
Dieldrin	< 0.02	Endrin Aldehyde	< 0.02	Gamma-BHC	< 0.01
Endosulfan I	< 0.01	Heptachlor	< 0.01	Heptachlor Epoxide	< 0.01
Methoxychlor	< 0.10	Endrin Ketone	< 0.02	Alpha-Chlordane	< 0.01
Gamma-Chlordane	< 0.01	Toxaphene	< 0.30	Aroclor-1016	< 0.20
Aroclor-1221	< 0.20	Aroclor-1232	< 0.20	Aroclor-1242	< 0.20
Aroclor-1248	< 0.20	Aroclor-1254	< 0.20	Aroclor-1260	< 0.20
Aroclor-1262	< 0.20	Aroclor-1268	< 0.20		

Group 3. Glass Sample Containers for use in the analysis of Volatile Organics

Compound	Quantitation Limit(ug/L)	Compound	Quantitation Limit(ug/L)	Compound	Quantitation Limit(ug/L)
Acetone	< 5	1,3-Dichloropropane	< 1	Benzene	< 1
2,2-Dichloropropane	< 1	Bromobenzene	< 1	1,2-Dichloropropane	< 1
Bromodichloromethane	< 1	trans-1,3-Dichloropropene	< 1	Bromoform	< 1
cis-1,3-Dichloropropene	< 1	Bromomethane	< 1	1,1-Dichloropropene	< 1
2-Butanone	< 5	Ethylbenzene	< 1	tert-Butylbenzene	< 1
Hexachlorobutadiene	< 1	sec-Butylbenzene	< 1	2-Hexanone	< 5
n-Butylbenzene	< 1	Isopropylbenzene	< 1	Carbon Disulfide	< 1
p-Isopropyltoluene	< 1	Carbon Tetrachloride	< 1	4-Methyl-2-pentanone	< 5
Chlorobenzene	< 1	Methylene Chloride	< 2	Chloroethane	< 1
Naphthalene	< 1	Chloroform	< 1	n-Propylbenzene	< 1
Chloromethane	< 1	Styrene	< 1	2 & 4 Chlorotoluene	< 1
1,1,2,2-Tetrachloroethane	< 1	1,2-Dibromo-3-chloropropane	< 1	Tetrachloroethene	< 1
Dibromochloromethane	< 1	Toluene	< 1	1,2-Dibromoethane (EDB)	< 1
1,2,3-Trichlorobenzene	< 1	Dibromomethane	< 1	1,2,4-Trichlorobenzene	< 1
1,4-Dichlorobenzene	< 1	1,1,2-Trichloroethane	< 1	1,3-Dichlorobenzene	< 1
1,1,1-Trichloroethane	< 1	1,2-Dichlorobenzene	< 1	Trichloroethene	< 1
Dichlorodifluoromethane	< 1	Trichlorofluoromethane	< 1	1,2-Dichloroethane	< 1
1,2,3-Trichloropropane	< 1	1,1-Dichloroethane	< 1		
trans-1,2-Dichloroethene	< 1	1,3,5-Trimethylbenzene	< 1		
Vinyl Acetate	< 5	1,1-Dichloroethene	< 1		
Xylenes (total)	< 1	1,2,4-Trimethylbenzene	< 1		
Vinyl Chloride	< 1	cis-1,2-Dichloroethene	< 1		

Please keep this certificate for your records and to facilitate any necessary correspondence. If additional information is required, contact our Technical Service Department at (800) 443-1689 or (800) 262-5006 inside California.

Randy E. Benson

Randy E. Benson
Corporate Quality Assurance Manager

I-CHEM COMPANY

CERTIFICATE OF ANALYSIS

Production Number 4355013

Item Number 313-1000

Item Description: BOTTLE, NAT HDPE CYLINDER ROUND
Group 1 is applicable

This is your Certificate of Analysis for I-CHEM Certified™ 300 Series product which has been prepared in accordance with I-CHEM Performance-Based Specifications. This product meets or exceeds analyte specifications established in the U.S. EPA "Specifications and Guidance for Contaminant-Free Sample Containers" for use in Superfund and other hazardous waste programs.

Group 1. Glass and HDPE Sample Containers for use in the analysis of Metals

Analyte	Detection Limit (µg/L)	Analyte	Detection Limit (µg/L)	Analyte	Detection Limit (µg/L)	Analyte	Detection Limit (µg/L)
Aluminum	< 80	Calcium (all HDPE)	< 100	Magnesium	< 100	Selenium	< 2
Antimony	< 5	Chromium	< 10	Manganese	< 10	Silver	< 5
Arsenic	< 2	Cobalt	< 10	Mercury	< 0.2	Sodium	< 5000
Barium	< 20	Copper	< 10	Nickel	< 20	Sodium (all HDPE)	< 100
Beryllium	< 0.5	Iron	< 50	Potassium	< 750	Thallium	< 5
Cadmium	< 1	Lead	< 2	Potassium (all HDPE)	< 100	Vanadium	< 10
Calcium	< 500					Zinc	< 10

In addition to the above analytes, NALGENE® containers are certified for these analytes:

Analyte	Detection Limit (µg/L)	Analyte	Detection Limit (µg/L)	Analyte	Detection Limit (µg/L)	Analyte	Detection Limit (µg/L)
Chloride	< 100	Fluoride	< 20	Nitrite	< 50	Sulfate	< 100
Cyanide	< 10	Nitrate	< 20	Paraquat (amber only)	< 0.4	Sulfide	< 30
Diquat (amber only)	< 1.0					Sulfite	< 1000

Group 2. Glass Sample Containers for use in the analysis of Semivolatiles and Pesticides/PCBs

Compound	Quantitation Limit (µg/L)	Compound	Quantitation Limit (µg/L)	Compound	Quantitation Limit (µg/L)
Acenaphthene	< 5	Acenaphthylene	< 5	Anthracene	< 5
Benzo(a)anthracene	< 5	Benzo(a)pyrene	< 5	Benzo(b)fluoranthene	< 5
Benzo(k)fluoranthene	< 5	Benzo(g,h,i)perylene	< 5	Benzoic Acid	< 20
Benzyl Alcohol	< 5	4-Bromophenyl-phenylether	< 5	Butylbenzylphthalate	< 5
4-Chloroaniline	< 5	4-Chloro-3-methylphenol	< 5	bis-(2-Chloroethoxy)methane	< 5
bis-(2-Chloroethyl)ether	< 5	bis-(2-Chloroisopropyl)ether	< 5	2-Chloronaphthalene	< 5
2-Chlorophenol	< 5	4-Chlorophenyl-phenylether	< 5	Chrysene	< 5
Di-n-butylphthalate	< 5	Di-n-octylphthalate	< 5	Dibenzo(a,h)anthracene	< 5
Dibenzofuran	< 5	1,2-Dichlorobenzene	< 5	1,4-Dichlorobenzene	< 5
1,3-Dichlorobenzene	< 5	3,3'-Dichlorobenzidine	< 5	2,4-Dichlorophenol	< 5
Diethylphthalate	< 5	Dimethylphthalate	< 5	2,4-Dimethylphenol	< 5
4,6-Dinitro-2-methylphenol	< 20	2,4-Dinitrophenol	< 20	2,4-Dinitrotoluene	< 5
2,6-Dinitrotoluene	< 5	bis-(2-Ethylhexyl)phthalate	< 5	Fluoranthene	< 5
Fluorene	< 5	Hexachlorobenzene	< 5	Hexachlorobutadiene	< 5
Hexachlorocyclopentadiene	< 5	Hexachloroethane	< 5	Indeno(1,2,3-cd)pyrene	< 5
Isophorone	< 5	2-Methylnaphthalene	< 5	2-Methylphenol	< 5
4-Methylphenol	< 5	2-Nitroaniline	< 20	3-Nitroaniline	< 20
4-Nitroaniline	< 20	N-Nitroso-di-n-propylamine	< 5	N-Nitrosodimethylamine	< 5
N-Nitrosodiphenylamine	< 5	Naphthalene	< 5	Nitrobenzene	< 5
2-Nitrophenol	< 5	4-Nitrophenol	< 20	Pentachlorophenol	< 20
Phenanthrene	< 5	Phenol	< 5	Pyrene	< 5
1,2,4-Trichlorobenzene	< 5	2,4,5-Trichlorophenol	< 20	2,4,6-Trichlorophenol	< 5
Azobenzene	< 5	Carbazole	< 5	Aldrin	< 0.01
4,4'-DDD	< 0.02	Endosulfan II	< 0.02	Alpha-BHC	< 0.01
4,4'-DDE	< 0.02	Endosulfan Sulfate	< 0.02	Beta-BHC	< 0.01
4,4'-DDT	< 0.02	Endrin	< 0.02	Delta-BHC	< 0.01
Dieldrin	< 0.02	Endrin Aldehyde	< 0.02	Gamma-BHC	< 0.01
Endosulfan I	< 0.01	Heptachlor	< 0.01	Heptachlor Epoxide	< 0.01
Methoxychlor	< 0.10	Endrin Ketone	< 0.02	Alpha-Chlordane	< 0.01
Gamma-Chlordane	< 0.01	Toxaphene	< 0.30	Aroclor-1016	< 0.20
Aroclor-1221	< 0.20	Aroclor-1232	< 0.20	Aroclor-1242	< 0.20
Aroclor-1248	< 0.20	Aroclor-1254	< 0.20	Aroclor-1260	< 0.20
Aroclor-1262	< 0.20	Aroclor-1268	< 0.20		

Group 3. Glass Sample Containers for use in the analysis of Volatiles

Compound	Quantitation Limit (µg/L)	Compound	Quantitation Limit (µg/L)	Compound	Quantitation Limit (µg/L)
Acetone	< 5	1,3-Dichloropropane	< 1	Benzene	< 1
2,2-Dichloropropane	< 1	Bromobenzene	< 1	1,2-Dichloropropane	< 1
Bromodichloromethane	< 1	trans-1,3-Dichloropropene	< 1	Bromoform	< 1
cis-1,3-Dichloropropene	< 1	Bromomethane	< 1	1,1-Dichloropropene	< 1
2-Butanone	< 5	Ethylbenzene	< 1	tert-Butylbenzene	< 1
Hexachlorobutadiene	< 1	sec-Butylbenzene	< 1	2-Hexanone	< 5
n-Butylbenzene	< 1	Isopropylbenzene	< 1	Carbon Disulfide	< 1
p-Isopropyltoluene	< 1	Carbon Tetrachloride	< 1	4-Methyl-2-pentanone	< 5
Chlorobenzene	< 1	Methylene Chloride	< 2	Chloroethane	< 1
Naphthalene	< 1	Chloroform	< 1	n-Propylbenzene	< 1
Chloromethane	< 1	Styrene	< 1	2 & 4 Chlorotoluene	< 1
1,1,2,2-Tetrachloroethane	< 1	1,2-Dibromo-3-chloropropane	< 1	Tetrachloroethene	< 1
Dibromochloromethane	< 1	Toluene	< 1	1,2-Dibromoethane (EDB)	< 1
1,2,3-Trichlorobenzene	< 1	Dibromomethane	< 1	1,2,4-Trichlorobenzene	< 1
1,4-Dichlorobenzene	< 1	1,1,2-Trichloroethane	< 1	1,3-Dichlorobenzene	< 1
1,1,1-Trichloroethane	< 1	1,2-Dichlorobenzene	< 1	Trichloroethene	< 1
Dichlorodifluoromethane	< 1	Trichlorofluoromethane	< 1	1,2-Dichloroethane	< 1
1,2,3-Trichloropropane	< 1	1,1-Dichloroethane	< 1		
trans-1,2-Dichloroethene	< 1	1,3,5-Trimethylbenzene	< 1		
Vinyl Acetate	< 5	1,1-Dichloroethene	< 1		
Xylenes (total)	< 1	1,2,4-Trimethylbenzene	< 1		
Vinyl Chloride	< 1	cis-1,2-Dichloroethene	< 1		

Please keep this certificate for your records and to facilitate any necessary correspondence.
If additional information is required, contact our Technical Service Department at (800) 443-1689.

Randy E. Benson

Randy E. Benson
Corporate Quality Assurance Manager

300COA
8/12/94

Certificate of Analysis

Bottle Type & QA Level:Z Level 1 Lot No.:Z4316010
Wash-B Description:250 mL. Amber B.R. OTWS

VOLATILES QUALITY ASSURANCE

This Certificate verifies that this lot of bottles has been cleaned according to the EPA wash procedure set forth in the EPA Statement of Work "Specifications and Guidance for Obtaining Contaminant-Free Sample Containers" and that this lot has been tested and found to comply with or be lower than the EPA specifications as set forth in the EPA Statement of Work "Superfund Analytical Methods For Low Concentration Water For Organics Analysis 6/91", (Document # OLC02.0).

ANALYTE	CONTRACT REQUIRED QUANTITATION LIMIT (ug/L)
Chloromethane	< 1
Bromomethane	< 1
Vinyl chloride	< 1
Chloroethane	< 1
Methylene chloride	< 2
Acetone	< 5
Carbon disulfide	< 1
1,1-Dichloroethene	< 1
1,1-Dichloroethane	< 1
cis-1,2-Dichloroethene	< 1
trans-1,2-Dichloroethene	< 1
Chloroform	< 1
1,2-Dichloroethane	< 1
2-Butanone	< 5
Bromochloromethane	< 1
1,1,1-Trichloroethane	< 1
Carbon tetrachloride	< 1
Bromodichloromethane	< 1
1,2-Dichloropropane	< 1
cis-1,3-Dichloropropene	< 1

ANALYTE	CONTRACT REQUIRED QUANTITATION LIMIT (ug/L)
Trichloroethene	< 1
Dibromochloromethane	< 1
1,1,2-Trichloroethane	< 1
Benzene	< 1
trans-1,3-Dichloropropene	< 1
Bromoform	< 1
4-Methyl-2-pentanone	< 5
2-Hexanone	< 5
Tetrachloroethene	< 1
1,1,2,2-Tetrachloroethane	< 1
1,2-Dibromoethane	< 1
Toluene	< 1
Chlorobenzene	< 1
Ethylbenzene	< 1
Styrene	< 1
Xylenes (total)	< 1
1,3-Dichlorobenzene	< 1
1,4-Dichlorobenzene	< 1
1,2-Dichlorobenzene	< 1
1,2-Dibromo-3-chloropropane	< 1

IF EPES CAN BE OF ANY FURTHER ASSISTANCE, PLEASE CALL (800) 331-7425 AND ASK FOR OUR TECHNICAL SERVICE DEPARTMENT.

Approved: Jul Shepherd 138

EAGLE PICHER
ENVIRONMENTAL SERVICES
36 B. J. TUNNELL BLVD. • MIAMI, OKLAHOMA 74354 • (800) 331-7425