

City Directory Images

HOWARD AVE 2013

804 PETER MILLER
 808 AGNIESZKA HAJDUKIEWICZ
 812 GEORGE CHEN
 816 ANDREW WALLACE
 904 SHELDON JO
 907 ANCLIFFE JULIAN
 JULIAN ANCLIFFE
 SHANA SCARBOROUGH
 YUNXIA WANG
 908 TIMOTHY HOLMAN
 912 OCCUPANT UNKNOWN
 915 HARVEY ANTIQUES
 WESTERN STOREX
 916 HAROLD GRADISHAR
 917 DEBBIE KAJIYAMA
 EUDIMILIA VALVERDE
 RICHARD SAMUELSON
 918 KELLY CHRISTOPHERSON
 925 BURLINGAME PRESS
 927 NISSAN REPAIRS BY DATSONVILLE
 932 CHRISTINA MADAMBA
 936 SAVVY SALON
 988 OLDE ENGLISH GARAGE
 SMOG ALL
 1080 SAMS ITALIAN SANDWICH CO
 1100 BRIA SALON
 CALICO CORNERS CALICO HOME
 LOCKSMITH EXPRESS
 MAISON
 TEA PLUS NOODLES
 1101 TOMOKAZU JAPANESE CUISINE
 1107 COCONUT BAY
 1111 DERMALOUNGE BURLINGAME
 THE RIGHT START
 1129 PINKIES NAIL SALONS
 1131 CONRAD BEVERLEY B PHD
 1140 STERLING CLEANERS
 1150 SOLO BAMBINI
 1152 NUANCE DESIGN JEWELRY
 1156 RYAN SCHLEEF
 SOLO BAMBINI
 1166 GRAYS PAINT & WALLPAPER
 1199 A RUNNERS MIND
 BRIDGEWAY LLC
 INTERNATIONAL BEVERAGE
 LITE FOR LIFE
 MOD SKINCARE
 PREMIER LENDING INC
 SALON 1199
 TRIAD COMMUNICATIONS

HOWARD AVE 2013 (Cont'd)

1200 CAPITAL REALTY GROUP
 FOODLINX INC
 ICHINYOSHA INTERNATIONAL USA
 JUST KIDS CUTS & BEAUTY MARKET
 PERFECTME BY LASER
 PREMIER PROPERTIES
 RUBY RIBBON INC
 SYLVAN LEARNING CENTER

EAST LN 2013

212 MIKE HARVEY HONDA BODY SHOP
 260 RUPPELS AUTO FIXATION INC
 270 COOLSIGN MEDIA INC
 ISOCKET

HOWARD AVE 2008

804	CONRAD CARLEN
808	TINA MIZUKAMI
812	RUTH DUFFY
816	DANIEL WONG
904	SEAN MORRISON
907	BERNABE CHAMALE
	ELIZABETH LECLAIR
	JULIAN ANCLIFFE
	SONGXIAN WANG
908	MICHAEL KERWIN
909	ANGEL SADAKIAN
912	STEVEN RHODES
913	CRAIG JANAKOS
916	HAROLD GRADISHAR
917	DEBBIE KAJIYAMA
	DONALD TEIXEIRA
	HERMITA LAZO
	TRACEY FLEMING
918	JASON SANCHEZ
925	BAYSHORE PRINTING INC
	BURLINGAME PRESS
927	DATSONVILLE AUTOMOTIVE CENTER
	THE NEW DATSONVILLE
932	AMANDA ENAYATI
936	JUST PERFECT HAIR DESIGN
948	SUNRISE
988	OLDE ENGLISH GARAGE
	SMOG ALL
1100	CALICO CORNERS
	MAISON SALON
	OCONNOR MICHELLE AT MAISON
	TEA PLUS
1101	TOMOKAZU JAPANESE CUISINE
1107	GRANDVIEW RESTAURANT OF BURLINGAME
	SHIWEI USA ENTERPRISE GRA
1111	DERMALOUNGE
	SOBI ARTISTS GALLERY
	UNITEMENET LLC
1115	CURVES
1131	BEVERLY B CONRAD PHD
	N J KENDALL REAL ESTATE
1140	STERLING CLEANERS INC
1152	NUANCE DESIGN JEWELER
1156	OCCUPANT UNKNOWN
	SOLO BAMBINI
1199	ALEX PODELL
	ALLIED LOMAR INC
	ARGONAUT CAPITAL CORP
	CALIFORNIA LIGHTS
	ETHAN ALLEN TRAVEL

HOWARD AVE 2008 (Cont'd)

1199 INTERNATIONAL BEVERAGE
 JEANETTE RADINIDENT
 LITE FOR LIFE INC
 MORGAN STANLEY
 SALON 1199
 THE HILLSDALE GROUP L P
 TRIAD AWS LLC
 VALLEY HOUSE CARE CENTER
 1200 ANTHONY PONTERIO
 GMAC PREMIERE PROPERTIES
 HARLOWS
 ICHINYOSHA INTERNATIONAL USA INC
 JUST KIDS CUTS & BEAUTY MARKET
 L & S EDUCATION INC
 LOVE CAPITAL PARTNERS LP
 MARLINDAS SKIN & BODYCARE
 PREMIER HOME LOANS

EAST LN 2008

260 RUPPELS AUTO FIXATION
 270 CLARITY VISUAL SYSTEMS INC
 COOLSIGN MEDICAL INC
 MARTIN FRANC JEWELERS
 SILVER AUTO SERVICE

HOWARD AVE 2003

804	OCCUPANT UNKNOWN
808	OCCUPANT UNKNOWN
812	RUTH DUFFY
816	KARI ROBERTS
904	OCCUPANT UNKNOWN
907	BRIDGET WALSH
	GARY MILLIMAN
	JULIAN ANCLIFFE
	MATTHEW REID
908	RIGMOR MIKKELSEN
909	ANGEL SADAKIAN
910	OCCUPANT UNKNOWN
912	NICOLE SOTO
915	MARK TAUBER
	NEW FUNCTION OLD FORMS
	OCCUPANT UNKNOWN
916	JOE GRADISHAR
917	ELIZABETH BULLARD
	JONATHAN SETLER
	MONYA GEMIGNANI
	TRACEY FLEMING
918	OCCUPANT UNKNOWN
925	BAYSHORE PRINTING INC
	PAMELA MOSEMAN
927	TOYOTA REPAIRS BY DATSONVILLE
932	PATRICK VAIL
936	HAIRSTYLING BY PAM
	JUST PERFECT HAIR DESIGN
	JUST PERFECT NAILS
	NAILS BY AMY
948	OCCUPANT UNKNOWN
	SUNRISE DELI
988	OCCUPANT UNKNOWN
	OLDE ENGLISH GARAGE
1001	EAGLE CAR WASH
1017	VALVERDE BRIAN J CONSTRUCTION INC
1025	INNERSPACE ENGINEERING CORP
1100	BETH MCCARTHY
	CALICO CORNERS
	FAJARDO MARTA AT MAISON
	IKEDA CHERYL AT MAISON
	JULIE KISSINGER
	MAISON SALON
	OCONNOR MICHELLE AT MAISON
	POON SIMON AT MAISON
	SANTIAGO PAULA AT MAISON
	TEA PLUS
1101	TOMOKAZU
1107	GRANDVIEW RESTAURANT OF BRLNGM
	OCCUPANT UNKNOWN

HOWARD AVE 2003 (Cont'd)

1111 OCCUPANT UNKNOWN
 1115 TIMOTHY RAIMER
 1129 AMERICAN TITLE CO
 OCCUPANT UNKNOWN
 1131 BEVERLY B CONRAD PHD LM FCC
 CONRAD BEVERLEY B PHD
 OCCUPANT UNKNOWN
 1140 STERLING STYLES
 1150 EDMOND ZENCIRCI
 HOWARD AVENUE CLEANERS
 1152 NUANCE DESIGN JEWELER
 OCCUPANT UNKNOWN
 1156 JULIA GUMINA
 1166 OCCUPANT UNKNOWN
 1199 CALIFORNIA LIGHTS
 EXEC TRAVEL ADVISORS
 FIRST CHARTERED LOANS
 HADIAS SKIN CARE
 HAMILTON PARTNERS LP
 JOHN PINCHES
 KEY COMMERCIAL MORTGAGE
 MERCURY INTRNTNL SALES & SRVC
 MICHAEL PODELL
 SALON 1199
 STEPHEN WOOLERY
 1200 ALEXANDER WHARTON
 BURLINGAME SYLVAN LEARNING CTR
 CAPITAL REALTY GROUP
 ICHINYOSHA INTERNATIONAL USA
 JUST KIDS CUTS & BEAUTY MARKET
 KEVIN TAHENY
 KEVIN TAHENY
 KING YEE
 LAW OFFICES OF KEVIN A TAHENY
 NICHOLS STEPHANIE
 SYLVAN LEARNING CTR
 TAHENY KEVIN A ATTY
 WILLIAM R JOHNSTON
 ZANZINGER & JOHNSTON

EAST LN 2003

260 JAMES SARACENO
 SMOG CHECK STATIONS BURLINGAME
 270 ADSPACE NETWORKS INC

HOWARD AVE 1999

804	CONRAD CARLEN
808	JANA CARRINGTON
	TINA MIZUKAMI
812	OCCUPANT UNKNOWN
816	DANIEL WONG
904	SEAN MORRISON
907	BERNABE CHAMALE
	ELIZABETH LECLAIR
	JULIAN ANCLIFFE
	SONGXIAN WANG
908	MICHAEL KERWIN
	OCCUPANT UNKNOWN
909	ANGEL SADAKIAN
	OCCUPANT UNKNOWN
910	OCCUPANT UNKNOWN
912	STEVEN RHODES
913	CRAIG JANAKOS
915	BURLINGAME ANTIQUES
	CONSTRUCTION MANAGEMENT SYSTEMS
	JANAKOS & COMPANY ANTIQUES & GIFTS
916	HAROLD GRADISHAR
917	DEBBIE KAJIYAMA
	DONALD TEIXEIRA
	HERMITA LAZO
918	OCCUPANT UNKNOWN
925	BAYSHORE PRINTING INCORPORATED
927	DATSUN VILLE
	THE NEW DATSONVILLE
932	AMANDA ENAYATI
936	JUST PERFECT HAIR DESIGN RENEE
	NAILS BY AMY
948	JACKS
988	JAGUAR SERVICE BY OLDE ENGLISH GARAGE
	OLDE ENGLISH GARAGE
	RANGE ROVER SERVICE BY OLDE ENGLISH GARAGE
	RICKS SERVICE
	VOLVO BY OLDE ENGLISH GARAGE
	VOLVO SERVICE BY OLDE ENGLISH GARAGE
1001	EAGLE CAR WASH
1012	BEEP
	SAN FRANCISCO TELEPHONE
1100	CALICO CORNERS
	ELITE
	IKEDA CHERYL
	MAISON SALON
	MAISON SALON CATHERINE JOHNSON
	MCCARTHY BETH AT MAISON
	MURO
	ROAST BARON
	SIMON

HOWARD AVE 1999 (Cont'd)

1101 TOMOKAZU JAPANESE CUISINE
 1107 GRAND VIEW RESTAURANT OF BURLINGAME
 1115 PARK PLACE INVESTMENT CORPORATION
 UNITED PROPERTY SALES
 1129 GORDON BENNETT
 1140 STERLING CLEANERS
 1150 HOWARD AVENUE CLEANERS
 1152 NUANCE DESIGN JEWELER
 1156 OCCUPANT UNKNOWN
 1166 GRAYS PAINT & WALLPAPER
 1199 CALIFORNIA LIGHTS
 CARLSON WAGONLIT TRAVEL EXECUTIVE ADVISORS
 CARLSON WAGONLIT TRVL CARLSON WAGONLIT TRVL EXEC
 EXECUTIVE TRAVEL ADVISORS CARLSON WAGONLIT TRAVEL
 HILLSDALE GROUP THE
 LITE FOR LIFE
 SALON 1199
 1200 BLEVINS CARLUS P JR INS AGT
 CAPITAL INVESTMENT GROUP
 STATE FARM INSURANCE COMPANIES AGENTS BELMONT
 SYLVAN LEARNING CENTER
 TRIO HAIR SALON
 UNITED INDUSTRY INCORPORATED
 YEE KING

EAST LN 1999

260 RUPPELS AUTO FIXATION INCORPORATED
 SMOG CHECK STATIONS BURLINGAME
 270 BURLINGAME DIAGNOSTIC CENTER
 D & R AUTO BODY & PAINT
 SILVER AUTO SERVICE

HOWARD AVE 1995

907	ANCLIFFE Donald E	347-6877	9
	KINSEY Chico	375-0891	3
	SMITH Henry C	344-7741	4
	ZIMMERMANN R	375-0758	2
908	• MIKKELSEN Erik	344-5205	
909	SADAKIAN Jacqueline	347-3771	
910	XXXX	00	
912	GARVIN James E	348-0368	+5
913	★BURLNG ANTIQUES	344-4050	2
915	★CONSTRN MANGMNT SYS	342-5888	2
	★HEALTHY HORIZONS	579-2726	+5
917	ANDERSON Richard A	343-4985	
918	XXXX	00	
925	★BAYSHORE PRINTING	343-5910	
927	★DATSONVILLE	348-8856	
	★DATSONVILLE THE NEW	348-8856	
	★NEW DATSONVILLE THE	348-8856	9
	★THE NEW DATSONVILLE	348-8856	9
932	VAIL Marshall	342-6370	9
936	★JUST PRFCT HR DSGN	347-1218	9
	★JUST PRFCT HR DSGN	347-3027	
948	★DONS PARTEE MART	344-2836	
988	★OLDE ENGLISH GARAGE	344-8030	
	★RICKS BEACON	344-8031	
999	XXXX	00	
1001	★C&P SERV CAR WASH	344-6284	2
1017	XXXX	00	
1018	XXXX	00	
1021	XXXX	00	
1101	★YOSIZONO JPNSE CSNE	340-8766	
1107	★AVENUE CAFE	344-1761	+5
	★LAVENUE CAFE	344-1761	+5
1111	★BURLNG CRPT&FRNTR	342-1465	9
	FARNAM W Edward III	343-3139	1
1115	★PARK PL INVSTMT CRP	348-3448	
	★UNITD PROPERTY SLS	342-7216	
1119	XXXX	00	
1129	★GARDEN HOUSE	347-2967	6
1131	★KENDALL N J RL EST	348-7233	0
	★LANE WESTLY INC	344-2643	1
1137	XXXX	00	
1140	★STERLING CLEANERS	343-3605	
1141	XXXX	00	
1150	★HOWARD AV CLNRS	347-3676	
	★HOWARD AV DRESSMKNG	347-3676	
	★HOWARD AV TAILOR	347-3676	2

EAST LN 1995

EAST LN 94010

BURLINGAME

WEALTH CODE 7.0

212	XXXX	00
220	★JOHN LEE LAUNDRY	344-2803 9
260	MAHONEY Mark	342-9469 2
	★RUPPELS AUTO FXTN	342-3568
	★SMOG CHECK STA	342-3568 +5
270	★BURLNG DIAGNOSTC CT	343-8924 +5
	CASTELLANO Jessica	375-1196 +5
	★D&R AUTO BODY&PAINT	579-7617 2
	★SILVER AUTO SERVICE	347-7302 2
★	6 BUS 3 RES	3 NEW

HOWARD AVE 1990

907	ANCLIFFE Donald E	347-6877	9
	GLADDEN A	344-2106	
	GLADDEN J G	344-2106	
	HARRIS W	343-2010	
	KEISTER George	348-5926	+0
908	MIKKELSEN Erik	344-5205	
909	SADAKIAN Jacqueline	347-3771	
910	XXXX	00	
912	WEISENBERG R W	347-7548	+0
913	★CRAWFORD S ANTIQUES	344-8555	
915	LAUDER Brothers	344-6369	
917	ANDERSON Richard A	343-4985	3
	★BEACH CARY	579-1786	3
	WILSON Richard F	347-0604	8
918	XXXX	00	
925	★BAYSHORE PRINTING	343-5910	
927	★DATSONVILLE	348-8856	
	★NEW DATSONVILLE THE	348-8856	9
	★THE NEW DATSONVILLE	348-8856	9
932	VAIL Marshall	342-6370	+0
936	★JUST PERFCT HR DSGN	347-3027	2
	★JUST PERFCT HR DSGN	347-1218	+0
	★SANDYS NAILS	347-4082	+0
948	★DONS PARTEE MART	344-2836	

HOWARD AVE 1990

..HOWARD AV		94010 CONT..	
988	★EUROPEAN DETAILING	348-0734	+0
	★OLDE ENGLISH GARAGE	344-8030	4
	★RICKS COUNTRY TEXCO	344-8031	3
999	★HAM RADIO OUTLET	342-5757	
1001	★BUBBLE MACHINE THE	344-6284	
1017	XXXX	00	
1018	XXXX	00	
1021	XXXX	00	
1080	★GREYHOUND BUS	343-4393	3
	★GREYHOUND BUS PCKUP	343-4220	3
1100	★DEAN ACURA USED CAR	579-4288	+0
1101	★YOSIZONO JAPANESE	340-8766	4
1107	★BOMBAY BICYCLE CLB	342-8959	1
1111	★BURLNG CARPET&FRNTR	342-1465	9
	DELABARRE Gary	343-7376	
	DELABARRE Victoria	343-7376	8
1115	★PARK PLACE INVSTMNT	348-3448	3
	★UNITD PROPERTY SLS	342-7216	2
1119	XXXX	00	
1129	★GARDEN HOUSE	347-2967	6
1131	★KENDALL N J RL EST	348-7233	+0
1137	XXXX	00	
1140	★STERLING CLEANERS	343-3605	
1141	XXXX	00	
1150	★HOWARD AVE CLEANERS	347-3676	9

EAST LN 1990

EAST LN 94010
BURLINGAME

220	★JOHN LEE LAUNDRY	344-2803	9
260	MALDONADO Lisa	375-0429	6
	★RUPPELS AUTO FIXATN	342-3568	4
★	2 BUS	1 RES	0 NEW

HOWARD AVE 1985

904	GASPAR JAMES H	579-1476 +5
907.....	APARTMENTS	
	DEMANES MARK S	344-1265 1
	DONNELLY FRANK	340-0309 4
	GLADDEN J G	344-2106 7
	HARRIS W	343-2010 9
	KELLY TERRI	343-3092 +5
	WILLIAMS RAYMOND J	342-1361 1
907.....		
908	MIKKELSEN ERIK	344-5205 6
909	SADAKIAN JACQUELINE	347-3771 9
910	RASOR JOHN	347-7637 8
912	MOSEMAN C W	579-5646 3
913	CRAWFORD S ANTIQUES	344-8555 2
915	LAUDER PLUMBING INC	344-6369
916	SANDINO CAYETANO W	347-0675 1
917	ANDERSON RICHARD A	343-4985 3
	BEACH CARY	579-1786 3
918	SANCHEZ MARC	347-1178 1
925	BAYSHORE PRINTING	343-5910 7
927	DATSONVILLE	348-8856
	DATSUN VILLE	348-8856
932	FERGUSON S	342-6370 +5
936	JUST PERFCT HR DSGN	347-3027 2
948	DONS PARTEE MART	344-2836 7
988	OLDE ENGLISH GARAGE	344-8030 4
	RICKS COUNTRY TEXCO	344-8031 3
999	HAM RADIO OUTLET	342-5757
1001	BUBBLE MACHINE THE	344-6284 6
1017	MILLER CHEVROLET	348-1700 4
1018	XXXX	00
1021	GUHEEN JOHN J	375-1234 +5
	LAW OFCS J J GUHEEN	375-1234 +5
1080	GREYHOUND BUS	343-4393 3
	GREYHOUND BUS PCKUP	343-4220 3
1100	XXXX	00
1101	YOSIZONO JAPANESE	340-8766 4
1107	BOMBAY BICYCLE CLB	342-8959 1
1110	MILLER CHEVRLT CARS	347-1441 +5
1111	MELANSON C	343-2421 +5
	STEINER PAUL ASC	342-1465
1115	PARK PLACE INVSTMNT	348-3448 3
	UNITD PROPERTY SLS	342-7216 2
1119	XXXX	00
1127	COLLECTOR SHOP	343-5031
	CONOVER C J CLLCTR	343-5031 1
	HILDEBRAND WM	347-6240 4
1131	CHRISTAL NEIL J	340-0421 4
	SERRATTO M A ATTY	340-0421
	SERRATTO&CHRISTAL	340-0421 4
1137	XXXX	00
1140	STERLING CLEANERS	343-3605
1141	XXXX	00
1150	ESSENTIAL DRIVNG SC	342-5609 2
	WESTINGHSE LAUNDRMT	342-5609
1152	STYLING BY DORIS	344-4555 +5

EAST LN 1985

EAST LN 94010
BURLINGAME

220	LEE JOHN LAUNDRY	344-2803	
260	RUPPELS AUTO FIXATN	342-3568	4
★	2 BUS	0 RES	0 NEW

HOWARD AVE 1980

907.....	APARTMENTS	
	EATON RICHARD H	347-7252+0
	GLADDEN J G	344-2106 7
	HARRIS W	343-2010 9
	KIRK RUSS	342-8828+0
	MAINES JAY	344-6142+0
6	SMEMO N	344-5979 6
1	TAYLOR PETER J	348-1587 6
907.....		
908	MIKKELSEN ERIK	344-5205 6
909	SADAKIAN J	347-3771 9
910	RASOR JOHN	347-7637 8
912	JACOBSON WILLIAM	347-7845 9
913★	EMMELINES BTY STDO	344-9281
915★	LAUDER PLUMBING INC	344-6369
916	XXXX	00
917	MIEZITIS WALTER	348-8239+0
	REDFIELD CLAYTON L	347-6390 8
918	XXXX	00
925★	BAYSHORE PRINTING	343-5910 7
927★	FOUR CAR GARAGE THE	342-1406 7
932	CHARLY RUTH K-MRS	344-0885+0
	POORE W L	344-0646
936★	CLASSE 77	343-2282 8
948★	DONS PARTEE MART	344-2836 7
988★	PRUETTS CNTRY EXXON	344-8031 8
★	PRUETTS ENGLISH GAR	344-8030+0
★	PRUETTS ENGLISH PRT	344-8030+0
999★	HAM RADIO OUTLET	342-5757
1001★	BUBBLE MACHINE THE	344-6284 6
1018	XXXX	00
1021	XXXX	00
1080★	GREYHND BUS LINES	343-4393
1100	XXXX	00
1101★	UNIVERSL OFFICE EQP	342-6013
1107★	BOMBAY BICYCLE CLUB	348-9962+0
1111★	STEINER PAUL ASSOCS	342-1465 2
1115★	UNITED PROPERTY SLS	342-7216 9
1119	XXXX	00
1127★	COLLECTORS SHOP	343-5031
★	SIMPSONS CLCTRS SH	343-5031 5
A	PATTON EDW J	348-1931 3
1137	JOHANSSON R	343-4803+0
1140★	STERLING CLEANERS	343-3805
1141	DEVLIN M	348-8530+0
1150★	ESSENTIAL DRIVING SC	342-5809 9
★	WESTINGHSE LAUNDRMT	342-5809 4
1152★	STYLLIN	344-8532+0
1156	GAGLIOLO TONY	343-3382
	PARLETT E M MRS	344-5422
1166★	AAMES SAN MTO PAINT	343-8535 4

EAST LN 1980

EAST LN 94010
BURLINGAME

220★	LEE JOHN LAUNDRY	344-2803
260	XXXX	00
★	1 BUS	0 NEW
	1 RES	

HOWARD AVE 1977

907....APARTMENTS
 BIKUL A Y 347-0122+7
 EBEY L 343-6368+7
 GLADDEN A 344-2106+7
 SMEMO N 344-5979 6
 TAYLOR PETER J 348-1587 6
 907.....
 908 MIKKELSEN ERIK 344-5205 6
 909 GARDINER JOHN 347-8172 6
 910 XXXX 00
 912 MACKINNON SANDI 344-4732+7
 913*EMMELINES BTY STDO 344-9281
 915*LAUDER PLUMBING INC344-6369
 916 XXXX 00
 917 SPRINGER NEAL 348-0519+7
 TOMLINS F M 342-6112 4
 ZANG FREDERICA 342-0177 3
 918 XXXX 00
 925*BAYSHORE PRINTING 343-5910+7
 927*FOUR CAR GARAGE THE342-1406+7
 932 KAISER RUTH MRS 344-0885+7
 NABBS WILLIAM 344-5982+7
 POORE W L 344-0646
 936 EDWARDS LEO 343-5777+7
 948*DONS PARTEE MART 344-2836+7
 988*CARLS EXXON UNLIMTD344-2720+7
 999*HAM RADIO OUTLET 342-5757
 1001*BUBBLE MACHINE THE 344-6284 6
 *ECONOMY SHEET METAL343-5212 6
 1018 XXXX 00
 1021 XXXX 00
 1080*GREYHND BUS LINES 343-4393
 1100*ARATA PONTIAC FLEET344-8111+7
 *PEDICINI TONY 344-8111+7
 1101*UNIVERSL OFC EQP CT342-6013
 1107*BOMBAY BICYCLE CLUB342-8959 5
 1111*STEINER PAUL ASSOCS342-1465 2
 1115*COMMERCL BLDG MNTC 342-9031 2
 EAGAN MARGARET M 344-6712
 1119 PODETT MICHAEL 347-1771+7
 SANCHEZ TERRY 348-5772 5
 1127*COLLECTORS SHOP 343-5031
 *SIMPSONS CLLCTRS SH343-5031 5
 A PATTON EDW J 348-1931 3
 1140*STERLING CLEANERS 343-3605
 1150*WESTINGHSE LAUNDRMT342-5609 4
 1152*TONYS BARBER SHOP 344-8532
 1156 GAGLIOLO TONY 343-3382
 PARLETT E M MRS 344-5422
 1166*AAMES SAN MTO PAINT343-6535 4

EAST LN 1977

EAST LN 94010 BURLINGAME

220*LEE JOHN LAUNDRY 344-2803

260*PRUETTS ENGLISH GAR344-8030+7

* 2 BUS 0 RES 1 NEW



Phase I Environmental Site Assessment
988 Howard Avenue, Burlingame, CA

Appendix I - Environmental Assessor Credentials

Mark Green
President
Green Environment inc.

Education

B.S. Chemistry, University of California,
Santa Barbara, CA

B.A. Environmental Studies, University of
California, Santa Barbara, CA

Professional Experience

Mr. Green formed Green Environment inc. (GEI) in 1991 after acquiring thirteen (13) years of environmental, health and safety experience at Raychem Corporation, a domestic Fortune 500 company with extensive international operations. Mr. Green managed Raychem's corporate environmental, safety, and industrial hygiene programs, including an internal staff of fifteen professionals and a cadre of environmental, health and safety (EH&S) consultants. Mr. Green was responsible for developing corporate EH&S policies and objectives, managing the development and implementation of corporate EH&S programs, and auditing company EH&S performance based upon regulatory requirements and quality management principles. Mr. Green was a key member of Raychem's international EH&S Committee and conducted environmental audits of company operations in Europe. Mr. Green was the primary corporate EH&S regulatory agency liaison, directly managed extensive site soil/groundwater characterization and remediation projects, and assisted the public relations department officer in community and governmental environmental affairs.

At GEI, Mr. Green has provided consultation services to government, industry, and private parties including progressive EH&S management and regulatory consultation; effective EH&S training; facility environmental permitting; client EH&S management system audits with a focus on quality and client profitability; Phase I environmental site assessments for residential, commercial, and industrial properties; and project management for Phase II environmental site assessments and remediation of chemically contaminated building surfaces, soils, and groundwater.



*Phase I Environmental Site Assessment
988 Howard Avenue, Burlingame, CA*

Appendix J - Environmental Site Assessment Site Reconnaissance Form



Green
Environment inc
www.greenenvironment.com

1347 Laurel Street
San Carlos, CA 94070
T 650.508.8018
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Environmental Site Assessment
Site Reconnaissance Form

Date: 7/22/14

Subject Property address: 988 Howard Avenue, Burlingame, CA
APN(s): 029-214-220

Property owner:

Company: Robert Lugliani
Address: 988 Howard, Burlingame, CA

Property occupant:

Olde English Garage
SmogAll

Contact Name
/Phone #: (650) 344-8030

Escorted by (name/phone): Robert Lugliani

The site reconnaissance included: a visual inspection of the periphery of the subject property, the periphery of all structures on the subject property, viewing the subject property from all adjacent thoroughfares; a visual inspection of accessible common areas expected to be used by occupants or the public, maintenance and repair areas, and a representative sample of occupant spaces. Did not inspect inside walk-in storage container.

Limitations: did not inspect entire floor of Olde English Garage building due to dense material storage and cars inside building and did not inspect roofs or beneath floor plate inside former station building

Current property use: ☐ residential ☒ commercial ☐ industrial ☐ undeveloped

Describe specifically: Auto repair and storage (auto maintenance)

Past property use: ☐ residential ☒ commercial ☐ industrial ☐ undeveloped

Describe specifically: Fuel service station, auto repair (maintenance)

Current adjoining property use: ☐ residential ☒ commercial ☐ industrial
☐ undeveloped

Describe specifically: Auto maintenance - other adjoining properties are public roads

Past adjoining property use: ☐ residential ☐ commercial ☐ industrial ☐ undeveloped

Describe specifically: see GEI report

Current surrounding property use: ☒ residential ☒ commercial ☐ industrial ☐ undeveloped

Describe specifically: residential to north with limited commercial, commercial to west, east and south

Past surrounding property use: ☐ residential ☐ commercial ☐ industrial ☐ undeveloped

Describe specifically: see GEI report

Topographic conditions of subject property: flat, fully paved with minor landscaping at edges of property

General Description of Structures on Subject Property:

Buildings: two

Building sizes (sq. ft.): 1) [~]1000 2) 4000 3) _____ 4) _____ 5) _____ 6) _____

Stories: 1) 1 2) 1 3) _____ 4) _____ 5) _____ 6) _____

Type of building construction: brick, concrete block, wood, concrete slab

Unoccupied space: none

Public thoroughfares adjoining property: Myrtle Ave to north, Howard Ave to east,

Roads on subject property: _____ Parking facilities: _____

East Lane to south
Number of loading docks: 0 Number of surface storm drains: 0

Landscaping: ☒ Yes ☐ No

Source of potable water: edges of property municipal

Type of sewage disposal system: municipal

SUBJECT PROPERTY CONDITIONS**ASTM Scope Considerations****Property/buildings show evidence of any of the following:**hazardous substances? ☒ yes ☐ no if yes, still present? ☒ yes ☐ noIf yes, indicate the type of chemicals used: ☒ janitorial chemicals ☒ machine oils (motor)☐ R&D chemicals ☐ water treatment chemicals ☒ degreasing solvents☐ process solvents ☐ process corrosives or oxidizers☐ process liquids or powders containing heavy metals☒ other, list: diesel, gasoline, anti-freeze, lubes, greases, used oil filtersdescribe quantities, types of containers and storage conditions: one (1) 20,000 gallon, 3-compartment UST containing unleaded premium, unleaded regular, and diesel fuels. Waste oil in drums and AST. Waste antifreeze in drum. Waste oil filters in drum. Virgin motor oil in quart containers. Lubes + greases in small various containers.generate hazardous waste? ☒ yes ☐ noIf yes, list EPA ID #: CAL000039922 (inactive) Safely Kleen parts cleaner - approx - 20 gals.

and circle the raw materials listed above that become waste products.

petroleum products?

☒ yes ☐ no if yes, still present? ☒ yes ☐ nodescribe types, quantities, types of containers and storage conditions: 20,000 gals fuel. Used motor oil AST approx 100 gals. Used motor oil in drums - approx 70 gals. Used antifreeze - approx 55 gals. Other Safely Kleen parts cleaner approx 20 gals. Misc. containers coils, lubes 1 - approx 50 gals.

underground storage tank(s)?

☒ yes ☐ no if yes, still present? ☒ yes ☐ nodescribe content, capacity and age: installed circa 2004. 20,000 gal total. 3 compartments containing gasoline (2) and diesel (1).aboveground stationary storage tank(s)? ☒ yes ☐ no if yes, still present? ☒ yes ☐ nodescribe content, capacity and age: Metal waste oil AST, approx 150 gal capacity, age undetermined (at least 35 years old)

odors?

☒ yes ☐ no if yes, still present? ☒ yes ☐ nodescribe: Both buildings smell like oil and solvent - light to moderate odor.

pools of non-aqueous liquids?

☐ yes ☒ no if yes, still present? ☐ yes ☐ no

describe: _____

drums of hazardous substances? ☒ yes ☐ no if yes, still present? ☒ yes ☐ no
describe: petroleum - no solvent drums observed

drums of petroleum products? ☒ yes ☐ no if yes, still present? ☒ yes ☐ no
describe: as described above - used oil, used antifreeze,

used oil fillers
unidentified containers or drums? ☒ yes ☐ no if yes, still present? ☒ yes ☐ no
describe: Several 5-gallon containers located outside

buildings in southwest corner of property (unlabeled)
equipment wash pad(s)? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: _____

chemical container cleaning area(s)? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: _____

vehicle/equipment maintenance area(s)? ☒ yes ☐ no if yes, still present? ☒ yes ☐ no
describe: interiors of both buildings

oil filled electrical equipment? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: _____

marked as to PCB content: ☐ yes ☐ no PCBs? ☐ yes ☐ no

hydraulic elevator(s)? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: _____

other hydraulic equipment? ☒ yes ☐ no if yes, still present? ☒ yes ☐ no
describe: compressor on concrete pad, outside west side of

smaller building, two (2) in ground auto lifts inside smaller
oil filled heat transfer equipment? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no building
describe: _____

battery charging area(s)? ☐ yes ☐ no if yes, still present? ☐ yes ☐ no
describe: none observed

boiler(s)? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: _____

cooling tower(s)? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: _____

chemically stained/corroded surface(s)? ☒ yes ☐ no if yes, still present? ☒ yes ☐ no
describe: observed on floors inside both buildings

floor drains? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: _____

sumps? ☐ yes ☐ no if yes, still present? ☐ yes ☐ no
describe: metal plate on floor inside smaller building -
may contain a sump
pits, ponds or lagoons? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: _____

stained soil? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: _____

stained pavement? ☒ yes ☐ no if yes, still present? ☒ yes ☐ no
describe: various locations outside building

distressed vegetation? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: _____

waste burial or evaporation area(s)? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: _____

industrial wastewater? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe type and method of discharge: _____

storm water? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe type and method of discharge: rainwater from roofs drain
to surface of property, and also to street via
roof piping

oil water separator(s)? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no
describe: none observed

waste or wastewater treatment systems? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no

describe: _____

septic system? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no

describe: _____

cess pool? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no

describe: _____

groundwater well(s)? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no

describe: _____

air pollution control devices? ☒ yes ☐ no if yes, still present? ☐ yes ☐ no

type: ☐ ESP ☐ Baghouse ☐ Cyclone ☐ Scrubber ☐ Thermal/incin. ☐ Other

describe: clean air tank for fuel UST

ADJOINING PROPERTY OBSERVATIONS (include any visual evidence of hazardous substances or petroleum products)

North

residential across Myrtle Ave - liquor store / cafe at corner of Myrtle + Howard

West

Mike Harvey Accura Service Facility at 212 East Lane - no observed hazardous substances or petroleum products

East

paved lot used for auto parking across Howard Ave

South

Railroad tracks across East Lane - also auto parking stalls

SURROUNDING PROPERTY OBSERVATIONS

North

residential - mainly single family

West

commercial (misc businesses)

East

commercial (misc businesses)

South

commercial (auto dealerships)

PERMIT/DOCUMENTATION

Please check any of the following environmental permits maintained:

- ☒ air pollution ☐ wastewater discharge ☐ stormwater discharge
BAAQMD
☐ hazardous waste treatment, storage or disposal (TSDF) ☐ Permit by Rule (PBR)
☒ underground storage tank ☒ fire department (haz material) ☒ County (haz material)
☐ other: _____

Environmental Impact Report or Environmental Site Assessment prepared for site?

- ☐ yes ☒ no

☐ Environmental violations?

- ☐ yes ☒ no

none current

Annual Fire/Health Inspection?

- ☒ yes ☐ no

If yes, any outstanding violations?

- ☐ yes ☒ no

discovered

As-built/renovation-site plans, and/or specifications available?

- ☐ yes ☒ no

Environmental permits, registrations, or notifications?

- ☒ yes ☐ no

Does/Do the occupant(s) have a Hazardous Material Management Plan (HMIS/HMMP)?

- ☒ yes ☐ no

Non-ASTM Scope Considerations**Property/buildings show evidence of any of the following:**vinyl floor tile? ☐ yes ☒ no if yes, still present? ☐ yes ☐ nothermal insulation? ☐ yes ☒ no if yes, still present? ☐ yes ☐ nosurfacing material? ☒ yes ☐ no if yes, still present? ☒ yes ☐ no

other potential asbestos

containing material?

☒ yes ☐ no if yes, still present? ☒ yes ☐ nodescribe: carpet adhesive, ceramic tile/grout, roofing materials,
window putty, concrete, stucco brick mortar, concrete block,
peeling paint? ☒ yes ☐ no if yes, still present? ☒ yes ☐ noon exterior of smaller building
natural waterway(s)?☐ yes ☒ no if yes, still present? ☐ yes ☐ nowetland(s)? ☐ yes ☒ no if yes, still present? ☐ yes ☐ no**Other comments or observations:**

Mark Ghe
Green Environment inc. Assessor

7/22/14
Date

- did complete questionnaire -

Tenant Name

Address

Contact

Phone #

Interview

Bob - not pumping gas now because of financial reasons
waste oil UST removed - some soil removed
- 1988 - tanks relined - some soil removed from
- 2004 - former USTs removed
and new tanks installed - soil
from new UST location used
as backfill in old tank location

originals - single walled steel
tanks - installed ~ 1960's
far wrapped - tank pump also
removed -

20,000 gal three compartment -
dual - wall - premium +
regular mix
at dispenser

- Phase I done
Phase II done per Bob - does not
have the reports - at time of
purchase

- has started with cleanup process with
Comptel - w/ Patrick Ledesma -

- did/do have a solvent degreaser -
no use of HVOCS -
no significant spills -



Phase I Environmental Site Assessment
988 Howard Avenue, Burlingame, CA

Appendix K - GEI Inspection Photo Log



Photo A



Photo B



Photo C



Photo D



Photo E

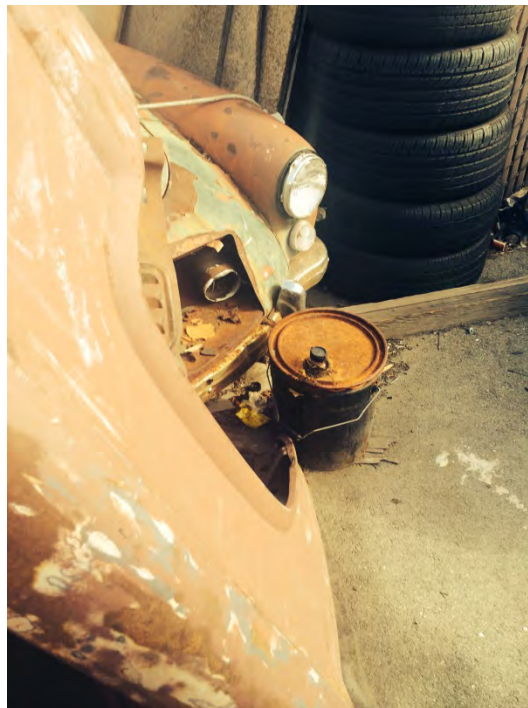


Photo F

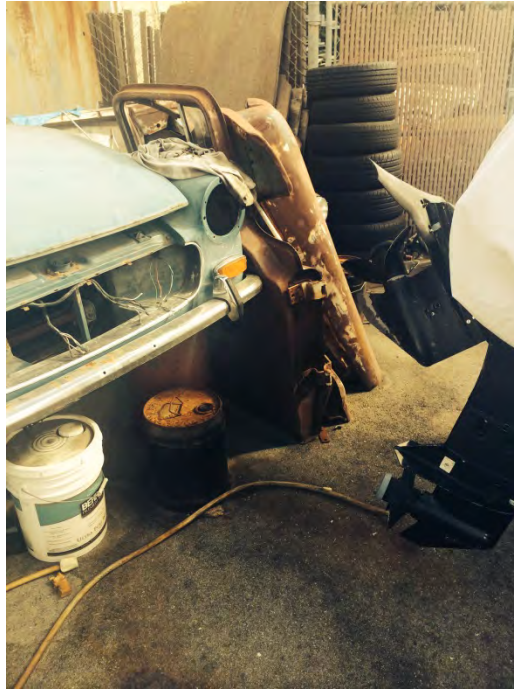


Photo G

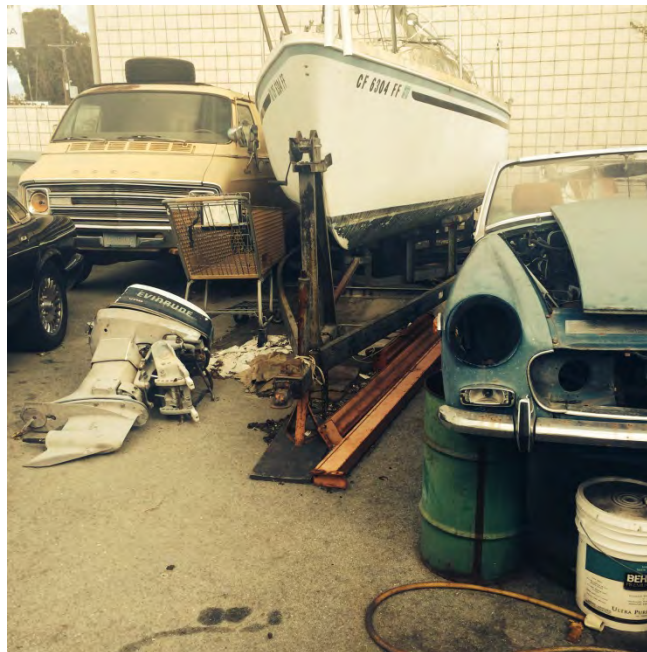


Photo H



Photo I



Photo J



Photo K



Photo L



Photo M



Photo N



Photo O



Photo P



Photo Q



Photo R



Photo S

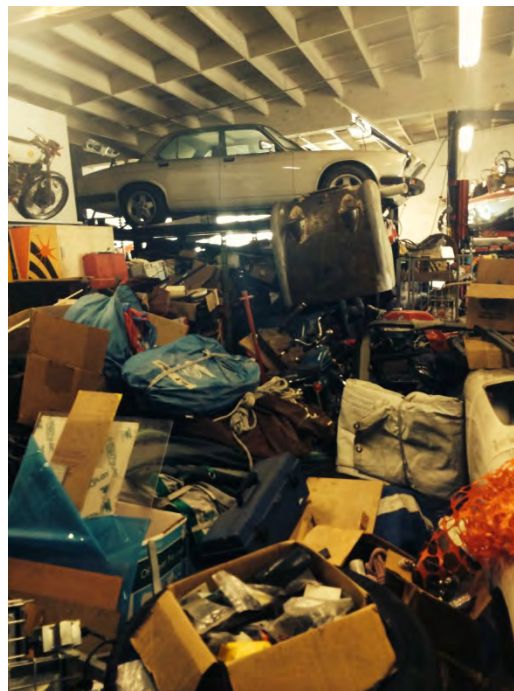


Photo T



Photo U



Photo V1



Photo V2



Photo W

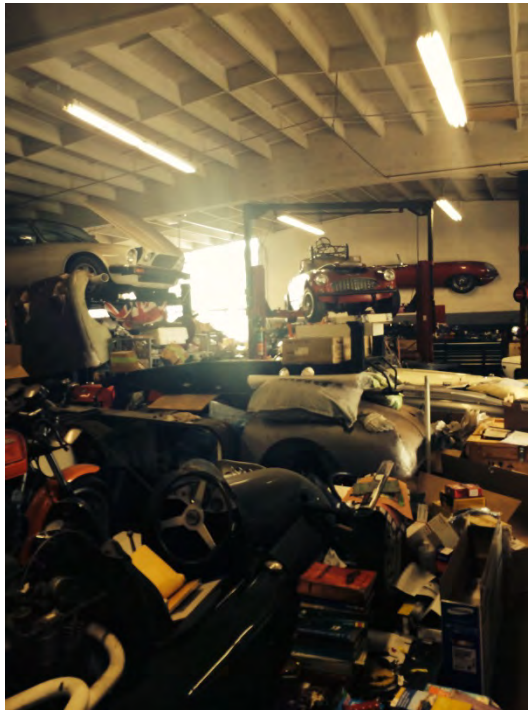


Photo X



Photo Y



Photo Z



1347 Laurel Street
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PHASE II ENVIRONMENTAL SITE ASSESSMENT

988 HOWARD AVENUE

BURLINGAME, CALIFORNIA

OCTOBER 10, 2014

GEI PROJECT #: B141091

Prepared by:

A handwritten signature in blue ink, appearing to read 'Mark Green'.

Mark Green
President
Green Environment inc.

A handwritten signature in blue ink, appearing to read 'Paul Studemeister'.

Paul Studemeister
Certified Engineering Geologist, CEG-1746
Green Environment inc.

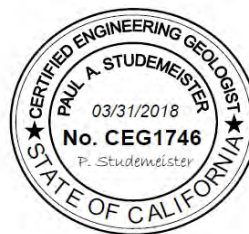


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Figure 5 – Site Plan with Soil Vapor Sample Results



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Appendix B – Boring Logs
Appendix C – Laboratory Reports

1.0 INTRODUCTION

Green Environment inc. (GEI) was retained by Mr. Dimitrios Sogas to conduct a Phase II Environmental Site Assessment (Phase II ESA) of a commercial property located at 988 Howard Avenue in Burlingame, California (*subject property*). The attached **Figure 1** shows the location of the *subject property*. The *subject property* consists of one (1) parcel of approximately 0.35 acres, identified as tax parcel APN # 029-214-220, and is developed with two (2) attached single-story commercial buildings with a combined footprint of approximately five-thousand (5,000) square feet. The *subject property* includes a retail fuel service station with an underground storage tank (UST) of twenty-thousand (20,000) gallon capacity and two (2) fuel pumps. The rest of the *subject property* consists of concrete and asphalt-paved driveways and parking areas, with minor perimeter landscaping.

The Phase II ESA was conducted in August 2014 for due diligence purposes to evaluate subsurface soil and groundwater conditions at the *subject property*, and potential impact from historical use and storage of petroleum hydrocarbons and other chemical substances on the *subject property*.

2.0 BACKGROUND

Between 1959 and 1968, the *subject property* was developed into a retail fuel service station, with a one-thousand (1,000) square foot service station building and canopy covering a fuel pump island located east of the building. In 1978, a second commercial building of four-thousand (4,000) square feet was added to the north side of the service station building for use as an auto repair and maintenance facility.

According to public records, hazardous material use and storage on the *subject property* since 1968 has included the retail dispensing of gasoline and diesel fuel from underground storage tanks (USTs) via fuel dispensers, and the use and storage of motor and transmission oils, lubes, greases, antifreeze, solvents and lead-acid batteries for automobile repair and service. The first generation of fuel USTs included two (2) 5,000-gallon tanks, and one (1) 3,000-gallon tank, all for the storage of gasoline. In 1968, the 3,000-gallon UST was removed, and one (1) 8,000-gallon gasoline UST, and one (1) 6,000-gallon gasoline UST were installed adjacent to and east of the two (2) 5,000-gallon USTs. By 1987, one of the USTs was used to store and dispense diesel. In 2004, the four (4) USTs were removed, and one (1) new three (3)-chamber dual walled 20,000-gallon UST was installed due east of the former USTs. The new UST was permitted to store 16,000 gallons of gasoline and 4,000 gallons of diesel. At the same time, the old fuel pumps were replaced with new fuel pumps, and new fuel

pipng was installed to connect the new UST to the new fuel pumps. The San Mateo County Health System, Environmental Health, Groundwater Protection Program (SMCoHS) issued a closure letter for the USTs removed in 2004.

Public records reviewed by GEI indicate that hazardous wastes that historically were generated on the *subject property* included waste oil, antifreeze, solvents, and spent oil filters. Hydraulic oil has been used in two (2) in-ground hydraulic lifts located in the smaller *subject property* building. Compressor oil has been used in a compressor located outside the west side of the same building. Waste oil has been stored in both a UST and an above-ground tank. According to SMCoHS records, the UST of 300-gallon capacity was removed in late 1993 from the exterior west side of the smaller *subject property* building with a permit and oversight from SMCoHS.

3.0 SCOPE OF WORK

The Phase II ESA was completed following a work plan prepared by GEI, dated August 7, 2014, *Work Plan for Environmental Due Diligence Investigation*. The work plan was submitted along with a subsurface drilling permit application to SMCoHS. On August 10, 2014, SMCoHS issued the drilling permit and approval for the investigation to proceed. A copy of the permit is presented in **Appendix A**.

The scope of work of the Phase II ESA was as follows:

- Drilling of three (3) outdoor exploratory borings (B-1, B-2 and B-3) on the *subject property* to collect soil and groundwater samples for submittal for laboratory analyses.
- Laboratory analyses of the soil and groundwater samples for petroleum hydrocarbons, volatile organic compounds, and heavy metals.
- Installation of three (3) vapor probes (SV-1, SV-2 and SV-3) in the *subject property* buildings to collect soil vapor samples for laboratory analyses.
- Laboratory analyses of the soil vapor samples for total petroleum hydrocarbons and volatile organic compounds including naphthalene.
- Preparation of this technical report to document the investigation activities and results.

4.0 INVESTIGATION ACTIVITIES

GEI prepared a health and safety plan for the protection of GEI staff and subcontractors involved in the field work. The proposed boring locations were marked with white paint and Underground Service Alert was contacted prior drilling the exploratory borings. A private utility locating firm, C. Cruz Sub-Surface Locators, Inc. of Milpitas, California, was retained to clear the boring locations of underground utilities. The field work was scheduled with the property owner and tenant, and with SMCohS.

4.1 Drilling and Soil Sampling

On August 14, 2014, Environmental Control Associates (ECA: C57 #695970) of Aptos, California drilled three (3) exploratory borings, designated B-1, B-2 and B-3, under the direction of a Professional Geologist for GEI. The three (3) borings were each advanced to thirty-two (32) feet depth into the first encountered groundwater-bearing zone. Boring B-1 was completed in the area of the former fuel USTs that were removed in 2004, and west of the existing fuel UST. Boring B-2 was completed directly northeast of the existing fuel UST and dispensers in front of Howard Avenue. Boring B-3 was completed at the northeast perimeter of the *subject property* in front of Myrle Road. Based on the northeast regional groundwater flow direction, Boring B-3 was completed at the suspected downgradient side of the *subject property*. The boring locations are shown in the attached **Figure 2**.

ECA used a truck-mounted Geoprobe™ rig with dual-wall casing and continuous soil sampling capability. A hollow core barrel of approximately one (1)-inch diameter was loaded with a retractable inner acetate sample tube. Along with an outer steel casing, the loaded barrel was hydraulically driven into the subsurface soils in order to retrieve a continuous core of soil four (4) feet in length. The boring was advanced deeper by adding extensions to the outer steel casing and inner core barrel. All downhole equipment was cleaned with environmental detergent and rinsed between uses to prevent the potential for cross-contamination between borings.

The Professional Geologist field screened soils for total volatile organics (TVOs) using a photo-ionization detector (PID). Soil was placed in a resealable plastic bag, and after a few minutes, the PID probe was inserted into the bag to measure the concentration of TVOs in the bag's air space. Soils were inspected and logged utilizing the Unified Soil Classification System. Between five (5) and seven (7) soil samples were collected from each boring and submitted for potential laboratory analyses. Discrete soil samples were placed in acetate liners with the ends sealed using Teflon sheets and plastic end caps. Each soil liner sample was accompanied by soil aliquots preserved in the field via Terra Cores®. Following the

protocol provided by the laboratory and manufacturer, Terra Core® sampling consisted of driving a dedicated syringe into freshly exposed soils in the selected soil core depth interval. Soil in the syringe was extruded into laboratory-supplied, 40-milliliter volatile organic analysis vials (40 mL VOAs), one containing methanol chemical preservative and two containing deionized water. The VOAs were promptly sealed with Teflon caps and along with the liners, labeled with identification information and placed in an ice chest for cold storage.

The boring logs are presented in **Appendix B**.

4.2 Groundwater Sampling

Following the drilling and soil sampling, temporary screened polyvinyl chloride (PVC) casing of 0.75-inch diameter was installed in each boring to facilitate groundwater sampling. Depth-to-water was measured using an electronic water level meter accurate to within 0.01 inches. Sufficient groundwater accumulated in the temporary PVC casing at Borings B-1 and B-2 to fill the sample containers. Groundwater sampling was performed by lowering a dedicated, disposable bailer into the PVC casing past the groundwater surface, retrieving the bailer, and transferring the groundwater from the bailer into laboratory-supplied containers. Groundwater was also retrieved with the use of tubing and valve assembly. The sample containers included 40-ml VOAs with hydrochloric acid preservative, 1-liter (1-L) amber glass bottles with no chemical preservative, and 250-mL plastic bottles with no chemical preservative. The sample containers were labeled with identification information, and placed in an ice chest for cold storage. The ice chests containing the soil and groundwater samples were transferred with chain-of-custody documentation to a California-certified analytical laboratory. Insufficient groundwater was encountered in the PVC casing installed in Boring B-3 for groundwater sampling purposes.

The groundwater sampling and depth-to-water data are summarized in the boring logs, **Appendix B**.

4.3 Soil and Groundwater Analyses

The soil and groundwater samples were submitted to Test America Laboratories, Inc. (TestAmerica) of Pleasanton, California. TestAmerica is certified with the Department of Health Services, Environmental Laboratory Accreditation Program (ELAP No. 2303).

Soil sample B1-12.5/13 and groundwater sample B1-GW from boring B-1; soil samples B2-12.5/13 and B2-20.5/21, and groundwater sample B2-GW from boring B-2, and soil samples B3-22/22.5 and B3-31/31.5 from boring B-3 were each analyzed for extractable total

petroleum hydrocarbons (TPH) by United States Environmental Protection Agency (USEPA) Method 8015B with a silica gel cleanup. The extractable TPH results were quantified by the laboratory with respect to diesel range organics (TPHd: C10-C28) and motor oil range organics (TPHmo: C24-C36). The soil and groundwater samples were also analyzed for purgeable TPH expressed as gasoline range organics (TPHg: C5-C12), and for volatile organic compounds (VOCs) by USEPA Method 8260B.

Soil samples B2-5/5.5 and B2-9.5/10 from boring B-2 were each analyzed for TPHg with benzene, toluene, ethylbenzene, total xylenes, and methyl tert butyl ether (MTBE) distinction by USEPA Method 8260B.

Soil samples B1-12.5/13, B2-12.5/13, B2-20.5/21, B3-22/22.5 and B3-31/31.5, and groundwater Sample B1-GW, were each analyzed for the heavy metals cadmium, chromium, lead, nickel and zinc by USEPA Method 6010B. Groundwater sampled for metal analysis from Boring B-1 was collected in the field into laboratory-supplied, 250-mL plastic bottles with no chemical preservative. The laboratory was instructed to first filter, and then acid preserve as-needed, the groundwater sample before proceeding with the metal analysis.

All soil samples were analyzed for moisture content in order to report the analytical results on a dry weight basis.

The TestAmerica analytical reports are presented in **Appendix C**.

4.4 Vapor Probe Installation

Three (3) vapor probes, designated SV-1, SV-2 and SV-3, respectively, were constructed by ECA on August 14, 2014. Vapor probes SV-1 and SV-2 were completed at the locations of historic solvent degreasing operations inside the larger *subject property* building. Vapor probe SV-3 was completed in the smaller *subject property* building, also near historic solvent degreasing operations that occurred in this building. The concrete slab-on-grade at each soil vapor probe location was first cored to provide access to ECA to use hand-operated auger equipment to drill the boring and install the soil vapor probe. The boring for vapor probe SV-1 was advanced to approximately 2.4 feet depth where a solid obstruction was encountered that prevented advancing the boring to the five (5) feet target depth. The borings for vapor probes SV-2 and SV-3 were advanced to approximately 5.1 and 5.3 feet depth, respectively. A soil sample was collected from the bottom of each boring following the procedure described in Section 4.1 for the exploratory borings. The vapor probe construction details are presented in **Appendix B**.

Following the drilling and soil sampling, ECA constructed a temporary soil vapor probe in each boring. Approximately six (6)-inches of clean sand (#2/12 Monterey) was placed in the bottom of the borehole via a tremie pipe. Nylaflow™ tubing of 0.25-inch diameter with a vapor tip attached to the bottom end was set in the sand pack and additional sand was added to have the vapor tip embedded in a sand pack approximately one (1) foot thick. Dry granular bentonite was placed atop the sand pack (6 inches thick at SV-1 and 1-foot thick at SV-2 and SV-3) followed by hydrated bentonite slurry up to the top surface. A vapor-tight valve was attached to the top end of the tubing, and the exposed top of the vapor probe assembly was protected with traffic cone. The vapor probes were left in place for four (4) days to allow soil vapors to reach equilibrium prior to sampling.

4.5 Soil Vapor Sampling

Soil vapor samples were collected by GEI on August 18, 2014. Prior to purging and sampling, hydrated granular bentonite was topped up within each probe location if necessary to ensure surface seal integrity. The soil vapor sampling was performed following the latest advisory by the Regional Water Quality Control Board of the Los Angeles Region (RWQCB) and the Department of Toxic Substances Control (DTSC), *Advisory - Active Soil Gas Investigations*, dated April 12, 2012. To facilitate sampling, a dedicated 150 to 200 milliliters-per-minute flow regulator inclusive of particulate filter was fitted to a vacuum gauge and to a Swagelok™ shut-off valve at the end of the Nylaflow tubing of each probe. The other end of the flow controller was connected via a “T” fitting to a digital vacuum gauge and a six (6)-liter summa canister utilized for purging. The other end of the “T” was fitted with the one (1)-liter sampling summa. The summa canisters were certified and provided by the laboratory along with dedicated in-line flow regulators, vacuum gauges, chain-of-custodies, and amenities needed for soil vapor sampling.

A ten (10)-minute vacuum tightness test was performed on the manifold and connections at each location by opening and closing the purge canister valve and applying and monitoring a vacuum on the digital vacuum gauge. The sample shut-off valve on the downhole side of the sampling manifold remained in the closed position. After the gauge vacuum was maintained for ten (10) minutes without any significant decrease, purging began. The down-hole shut off valve was opened, followed by the purging summa canister valve thus beginning the purge of approximately three (3) pore volumes of vapor. The purge volume was calculated based on the volume of tubing including manifold for the probes and the volume of voids within the sand and dry bentonite utilized in the subsurface probe construction. The purge volume was verified monitoring the vacuum drop in the purge canister.

Samples for analysis by USEPA Method TO-15 were collected by opening the sampling canister valve following purging. Isopropyl alcohol (2-propanol) was used as the leak detection compound by applying drops to cotton gauze placed near the probe location and placing a shroud over the sampling set-up and allowing the atmosphere to equilibrate. Immediately upon opening the sampling valve, the shroud was placed over the probe and entire sampling train, including all connections and the 2-propanol-dosed gauze pad.

Sampling continued until the vacuum gauge indicated approximately five (5)-inches of Hg remaining. During sampling, a PID was utilized to monitor the atmosphere inside the shroud through a bulk-head fitting to confirm that 2-propanol was present in the atmosphere around the sampling train.

Sampling for analysis by USEPA Method TO-17 was performed by affixing in-line, a laboratory-provided sorbent tube immediately down-stream from the Swagelok® valve of the probe. Downstream of the sorbent tube, a Luer-Lok™ 3-way valve and graduated 60 mL syringe. The syringe was pulled back numerous times against the closed Swagelok valve and leak tight connection verified by observing the plunger returning to the same start position. The laboratory-recommended 200 mL of vapor was flowed through each sorbent tube over a period of three (3) minutes. Upon sampling completion, the sorbent tubes were capped, labeled and placed on ice for transport along with a travel blank to the laboratory accompanied by a dedicated chain of custody record.

4.6 Soil Vapor Analyses

The soil vapor samples and trip blank were submitted with chain of custody documentation to Eurofins Air Toxics, Inc. (Eurofins/Air Toxics) of Folsom, California (ELAP No. 02110). The soil vapor samples were analyzed for total purgeable hydrocarbons quantified with respect to gasoline (TPHg), and for volatile organic compounds including the leak check compound 2-propanol, via USEPA Method TO-15. The soil vapor samples were also analyzed for naphthalene and total petroleum hydrocarbons as diesel (TPHd) and as Stoddard solvent (TPHss) via USEPA Method TO-17.

Calculated as 2-propanol in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), the average PID measurement of the induced shroud atmosphere during soil vapor sampling ranged between 77,662 and 134,983 $\mu\text{g}/\text{m}^3$. The laboratory reported that the leak check compound (2-propanol) was not detected above the laboratory reporting limit of 12 $\mu\text{g}/\text{m}^3$ in the soil vapor samples. Therefore, the soil vapor analytical results indicate that the sampling train at each vapor probe location was sufficiently tight, no significant leakage occurred during sampling, and the analytical results are representative of subsurface soil vapor conditions. Furthermore,

the laboratory reported no detectable levels of the analytes tested for in the trip blank that followed the soil vapor samples from the field to the laboratory.

The laboratory analytical reports issued by Eurofins/Air Toxics are included in **Appendix C**.

5.0 INVESTIGATION RESULTS

5.1 Geological Setting

The *subject property* is in a relatively flat area of Burlingame where the surface elevation is approximately 25 feet above mean sea level. The study area and vicinity slopes gently towards the San Francisco Bay which is located 0.25 to 0.75 mile to the north and northeast. The regional geology is characterized by alluvial fan deposits comprised of unconsolidated sand, gravel, silt and clayey silt that are intercalated with silty and sandy clay which represent marshland and bay mud deposits (Lajoie et al, 1974).

Boring B-1 was completed in the area of the former fuel USTs that were removed in 2004 (**Figure 2**). Below the asphalt pavement, a silty sandy gravel was encountered to approximately 8.5 feet depth, likely representing the backfill of the former tank farm pit. The silty sandy gravel rested atop native soil comprised of gravelly clay with sand to 11.5 feet depth. An assemblage of silty gravel, sandy gravel, and clayey sand was noted below in the 11.5 to 15 feet depth interval, followed by a sequence of sandy clayey gravel and sandy clay from 15 to 29 feet depth. Saturated conditions in clayey sand and silty clayey sand were noted in the 29 to 32 feet depth interval, and these soils yielded free groundwater after the drill casing was raised to expose the borehole sidewall.

Borings B-2 and B-3 were completed in the eastern portion of the *subject property*, near the corner of Howard Avenue and Myrle Road (**Figure 2**). Below the asphalt pavement, sandy silt, silty sand, and sandy to silty gravel were encountered to between 12.5 and 13.5 feet depth, followed below by sandy clay, sandy silty clay, and gravelly clay to between 16 and 17 feet depth. Clayey gravel, sandy gravel, and clayey sand were encountered below to between 25.5 to 26.5 feet depth, followed by fine-grained sandy clay and sandy silt in the 26.5 to 32 feet depth interval where groundwater was encountered.

5.2 Soil Analytical Results

The soil analytical results are summarized in the attached **Table 1**. Traces of TPHd at 7.1 milligrams per kilogram (mg/Kg) were reported in the soil sample collected from boring B-1 in the 12.5 to 13 feet depth interval where a moist clayey soil was noted in the boring log.

The analytical results of soil samples collected from the five (5) to twenty-one (21) feet depth interval at boring B-2 indicated only traces of TPHg (0.34 mg/Kg) and acetone (0.059 mg/Kg) in clayey sandy gravel at 20.5 to 21 feet depth, above first encountered groundwater.

Petroleum hydrocarbons and volatile organic compounds were not detected in the two (2) soil samples analyzed from boring B-3, sample B3-22/22.5 from the 22 to 22.5 feet depth interval above the groundwater-bearing zone, and sample B3-31/31.5 from the 31 to 31.5 feet depth interval in the groundwater-bearing zone. Laboratory reporting limits were 0.22 to 60 mg/Kg for TPH, and 0.0044 to 0.049 mg/Kg for VOCs.

The soil sampling results in **Table 1** are compared to environmental screening levels (ESLs) published by the Regional Water Quality Control Board for the San Francisco Bay Region (RWQCB, December 2013), *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*. The TPH and VOCs data for the soil samples meet human health and groundwater protection ESLs for both commercial/industrial and residential land use. The chemical constituents detected in the set of soil samples (7.1 mg/Kg TPHd, 0.34 mg/Kg TPHg, and 0.059 mg/Kg acetone) are below the corresponding commercial/industrial ESLs (110 mg/Kg for TPHd, 1,000 mg/Kg for TPHg, and 0.5 mg/Kg for acetone), and residential ESLs (110 mg/Kg for TPHd, 500 mg/Kg for TPHg, and 0.5 mg/Kg for acetone).

A selection of the soil samples collected in August 2014 were analyzed for the five (5) heavy metals in the Leaking Underground Fuel Tank (LUFT) manual. As summarized in **Table 1**, the metal analytical results (ND<0.59 mg/Kg cadmium, 95 to 120 mg/Kg chromium, 96 to 180 mg/Kg nickel, 2.6 to 4.1 mg/Kg lead, and 44 to 54 mg/Kg zinc) are below commercial/industrial and residential ESLs. Furthermore, the metal analytical results are comparable to published background levels for soils in California (Bradford et al, March 1996; LBNL, April 2009; Scott, May 1995; SLAC, August 25, 2003).

5.3 Groundwater Analytical Results

The analytical results of the two (2) groundwater samples collected from the *subject property* are summarized in the attached **Table 2**. Except for a trace of tetrachloroethene (PCE) at 1.0 micrograms per liter (µg/L), the laboratory reported no detectable levels of petroleum hydrocarbons and volatile organic compounds in groundwater sampled from boring B-1. The laboratory reporting limits ranged from 50 to 120 µg/L for TPH, and 0.50 to 50 µg/L for VOCs. Furthermore, except for a trace of zinc (37 µg/L), the laboratory reported no detectable levels of the metals above laboratory reporting limits of 2.0 to 10 µg/L.

The analytical results of the groundwater sample from boring B-2 detected 1,000 µg/L of TPHmo and 28 µg/L of methyl tert butyl ether (MTBE). No other constituents were detected with respect to laboratory reporting limits of 50 to 180 µg/L for TPH, and 0.50 to 50 µg/L for VOCs (**Table 2**).

The groundwater sample results in **Table 2** are compared to groundwater ESLs published in RWQCB (December 2013). The TPHmo result (1,000 µg/L) and the MTBE result (28 µg/L) for groundwater sampled from boring B-2 exceed the corresponding ESLs of 100 µg/L for TPHmo and 5.0 µg/L for MTBE, for drinking water resource protection. The TPHmo result also does not meet the corresponding ESL of 640 µg/L for the scenario where groundwater is not a drinking water resource. The MTBE result does meet the corresponding ESL of 1,800 µg/L for the scenario where groundwater is not a drinking water resource.

5.4 Soil Vapor Analytical Results

Expressed in micrograms per cubic meter (µg/m³), the analytical results of the soil vapor samples are summarized in the attached **Table 3**. The following VOCs with maximum results listed were detected in at least one (1) of the three (3) soil vapor samples: ethanol (300 µg/m³), tetrachloroethene (130 µg/m³), 1,1,1-trichloroethane (71 µg/m³), acetone (55 µg/m³), carbon disulfide (16 µg/m³), carbon tetrachloride (16 µg/m³), chloroform (12 µg/m³), Freon-12 (6.0 µg/m³), and naphthalene (5.4 µg/m³). The laboratory also reported 1,000 µg/m³ of TPHg in Sample SV-2.

The soil vapor sampling results are compared to soil gas screening levels for potential vapor intrusion concern published by the Office of the Environmental Health Hazard Assessment, California Environmental Protection Agency (OEHHA, September 23, 2010), and the Regional Water Quality Control Board for the San Francisco bay Region (RWQCB, December 2013). The soil gas screening levels are a function of the chemical compound in question, building foundation construction, and land use scenario. As indicated in **Table 3**, the soil vapor analytical results are below the soil gas screening levels published by OEHHA and RWQCB for both residential and commercial land use.

6.0 MEETING WITH SMCohS

The Phase II ESA results were presented to Mr. Jacob Madden of SMCohS in a meeting on September 16, 2014. In an email to Mr. Mark Green of GEI dated September 25, 2014, Mr. Madden stated “based on the data submitted and currently available information, San Mateo County Groundwater Protection Program will not open a voluntary remedial case.”

7.0 REFERENCES

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Scott, Christina M. (Scott, May 1995): *Background Metal Concentrations in Soils in Northern Santa Clara County, California*, in: Recent Geologic Studies in the San Francisco Bay Area, Sangines, E. M., Andersen, D. W., and Busing, A. V. (editors), The Pacific Section of the Society of Economic Paleontologists and Mineralogists, Volume 76, May 3-5, 1995.

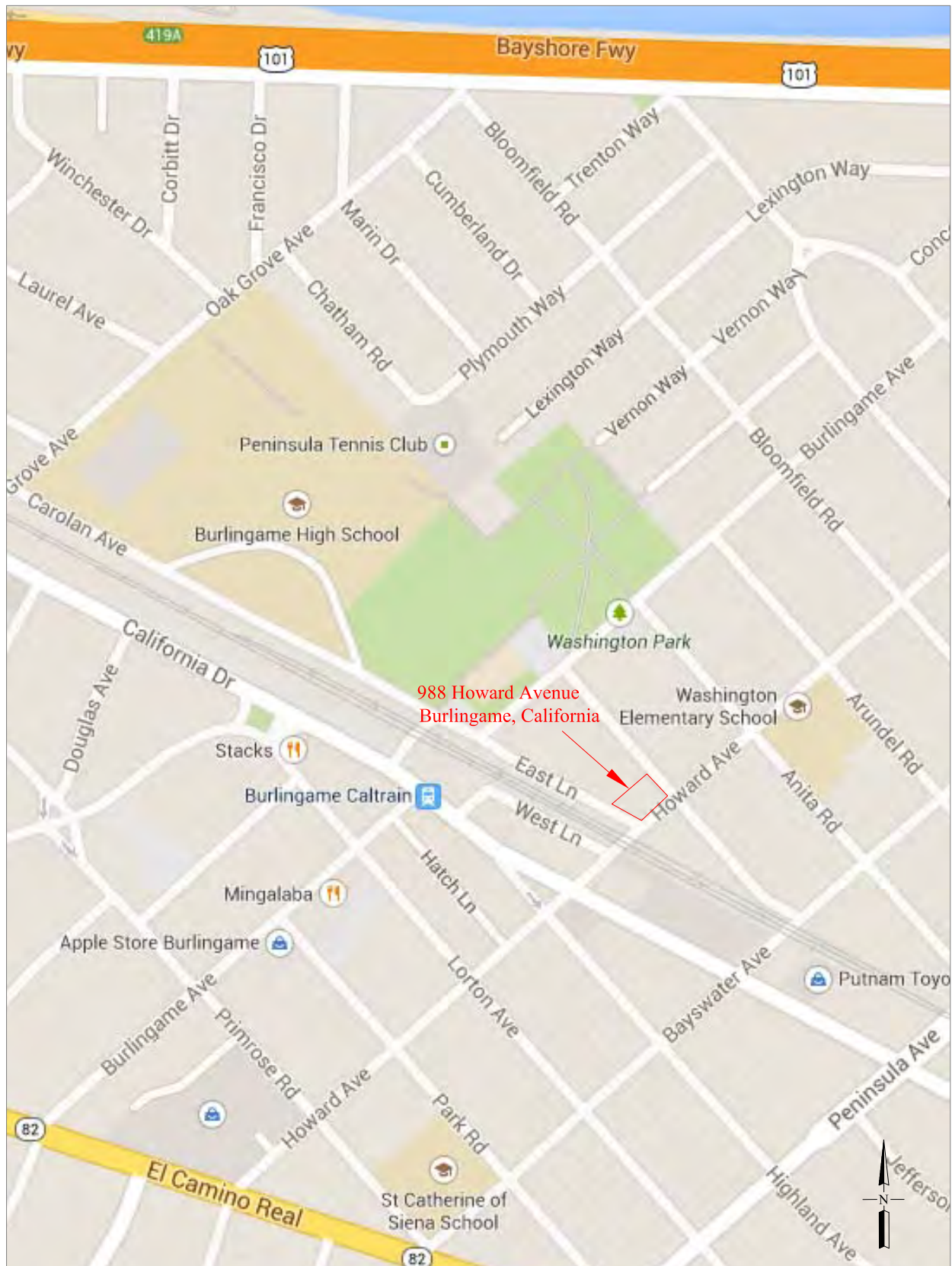
Stanford Linear Accelerator Center (August 25, 2003): *Technical Memorandum: Background Concentrations of Metals in Soil, Stanford Linear Accelerator Center, Menlo Park, California.*

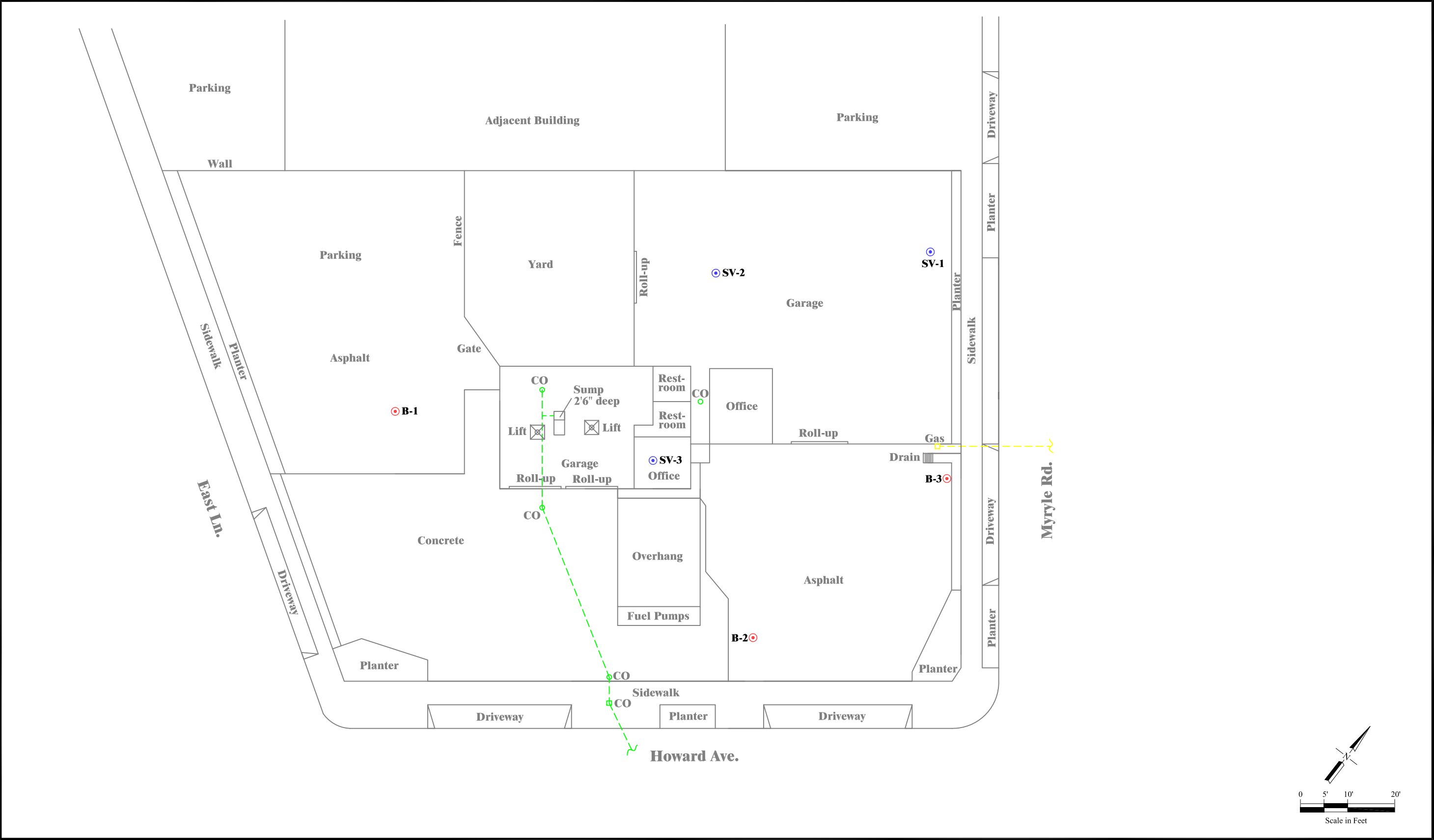


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988 Howard Avenue, Burlingame, California*

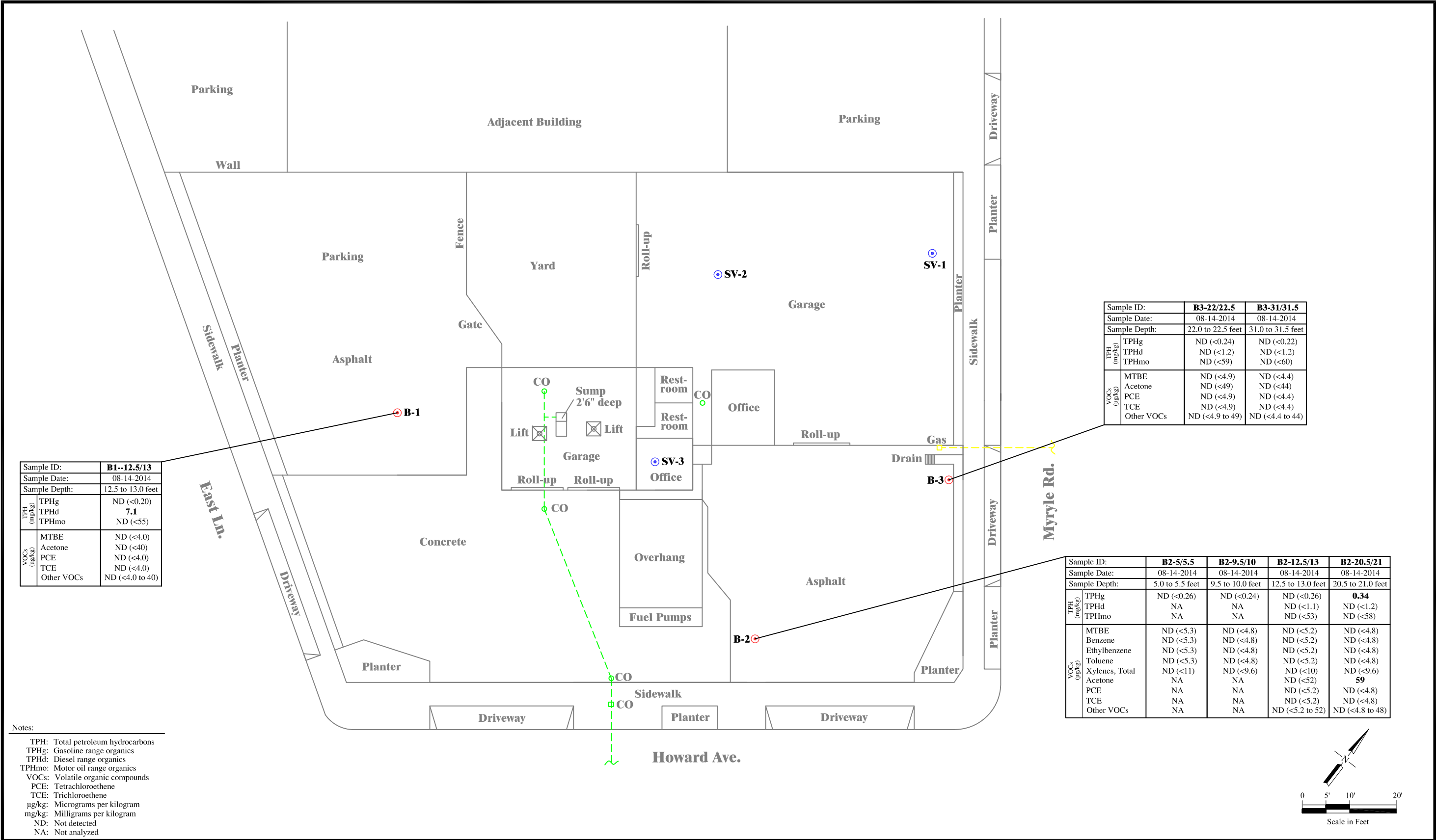
FIGURES

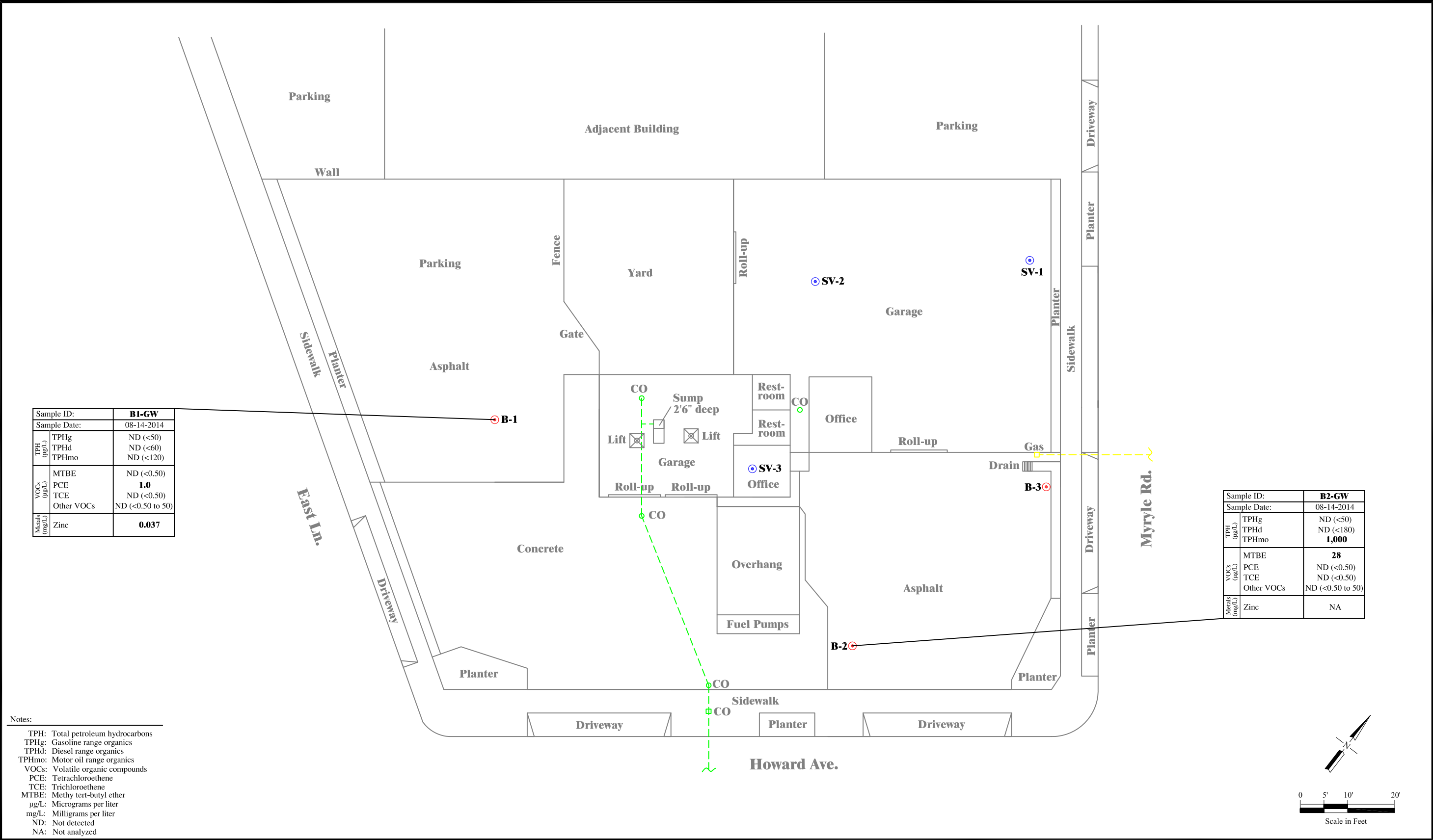
Figure 1
Vicinity Map

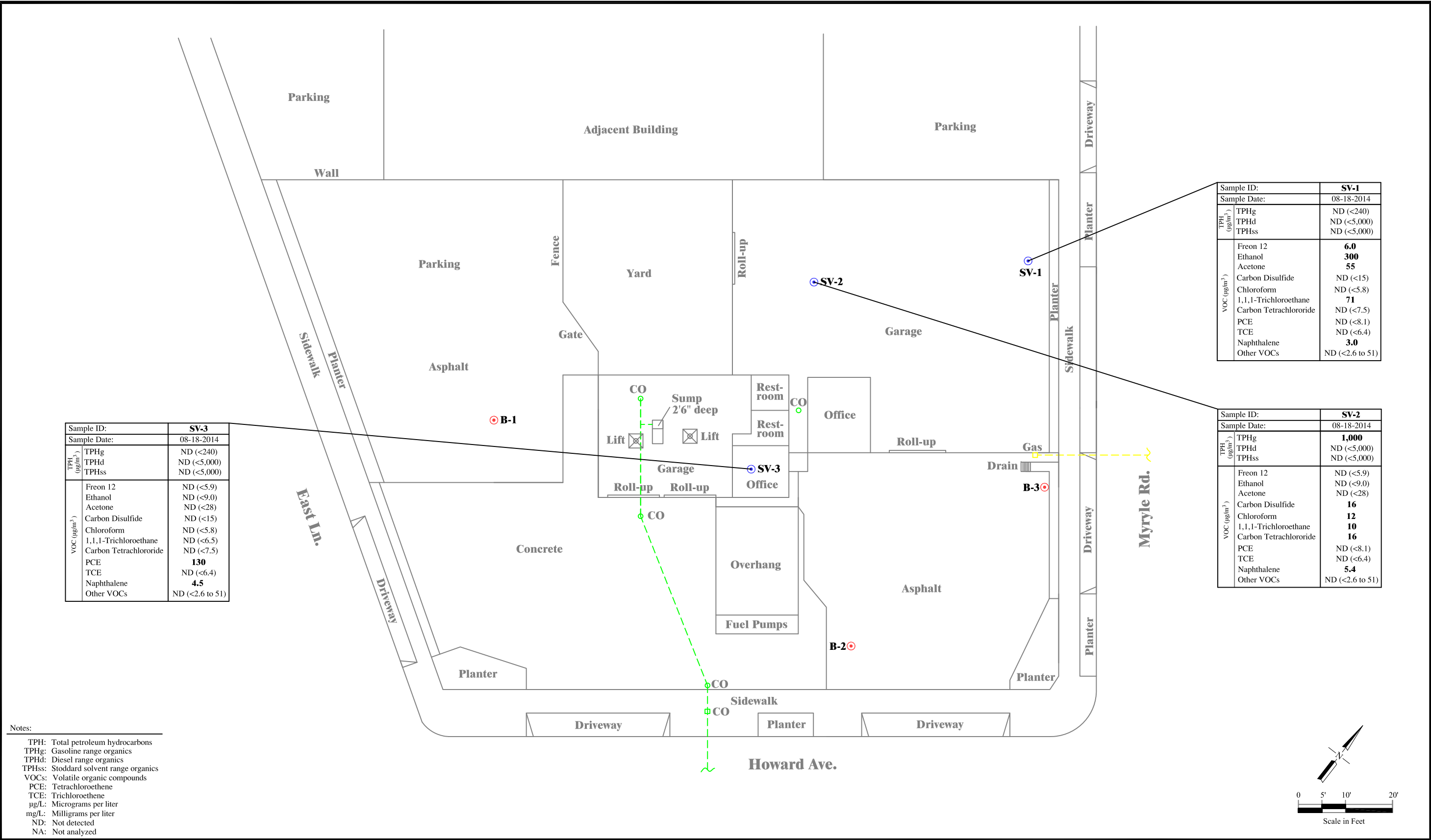




Legend:			Drawing Name:		Drawn by: KA
● B-1 Boring location, B-1 to B-3 (GEI, 08/14/2014)			SITE PLAN WITH SAMPLE LOCATIONS		Date: 09/09/2014
● SV-1 Soil vapor probe location, SV-1 to SV-3 (GEI, 08/14/2014)					Scale: 1" =20'
CO: Clean out			Address:		Job # B141091
			988 Howard Avenue Burlingame, California		Figure # FIGURE 2









*Phase II Environmental Site Assessment
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TABLES



Table 1. Laboratory Analytical Results for Soil Samples

988 Howard Avenue, Burlingame, California

Soil Sampling Information				Laboratory Analytical Results									
Field Point	Sample ID	Sample Date	Sample Depth (feet bgs)	Total Petroleum Hydrocarbon, TPH (mg/Kg)			Volatile Organic Compounds, VOC's (µg/Kg)		Metals (mg/Kg)				
				TPHg	TPHd	TPHmo	Acetone	Other VOC's	Cadmium	Chromium	Nickel	Lead	Zinc
B-1	B1-12.5/13	8/14/2014	12.5 to 13.0	ND (<0.20)	7.1	ND (<55)	ND (<40)	ND (<4.0 to <40)	ND (<0.55)	120	100	2.6	52
B-2	B2-5/5.5	8/14/2014	5.0 to 5.5	ND (<0.26)	NA	NA	NA	ND (<5.3 to <11) ¹	NA	NA	NA	NA	NA
	B2-9.5/10	8/14/2014	9.5 to 10.0	ND (<0.24)	NA	NA	NA	ND (<4.8 to <9.6) ¹	NA	NA	NA	NA	NA
	B2-12.5/13	8/14/2014	12.5 to 13.0	ND (<0.26)	ND (<1.1)	ND (<53)	ND (<52)	ND (<5.2 to <52)	ND (<0.47)	120	100	ND (<1.9)	48
	B2-20.5/21	8/14/2014	20.5 to 21.0	0.34	ND (<1.2)	ND (<58)	59	ND (<4.8 to <48)	ND (<0.52)	95	96	3.2	44
B-3	B3-22/22.5	8/14/2014	22.0 to 22.5	ND (<0.24)	ND (<1.2)	ND (<59)	ND (<49)	ND (<4.9 to <49)	ND (<0.52)	110	100	2.8	51
	B3-31/31.5	8/14/2014	31.0 to 31.5	ND (<0.22)	ND (<1.2)	ND (<60)	ND (<44)	ND (<4.4 to <44)	ND (<0.59)	120	180	4.1	54
Environmental Screening Levels (ESLs) for Shallow Soil													
Table A-1 ESLs for shallow soil, residential, where groundwater IS a potential drinking water resource.				100	100	100	500	Varies by compound	12	750	150	80	600
Table A-2 ESLs for shallow soil, commercial/industrial, where groundwater IS a potential drinking water resource.				500	110	500	500	Varies by compound	12	750	150	320	600
Environmental Screening Levels (ESLs) for Deep Soil													
Table C-1 ESLs for deep soil, residential, where groundwater IS a potential drinking water resource.				500	110	500	500	Varies by compound	78	2,500	1,500	80	2,500
Table C-2 ESLs for deep soil, commercial/industrial, where groundwater IS a potential drinking water resource.				1,000	110	1,000	500	Varies by compound	510	5,000	5,000	320	5,000

Notes

General:

mg/Kg: Milligrams per kilogram (parts per million equivalent) by dry weight basis
 µg/Kg: Micrograms per kilogram (parts per billion equivalent) by dry weight basis
 feet bgs: Sample depth in feet below ground surface
 ND (<1.2): Not detected at or above the laboratory reporting limit
 NA: Not analyzed
 TPH: Total petroleum hydrocarbons
 TPHg: Purgeable TPH as gasoline (gasoline range organics, C5-C12) by United States Environmental Protection Agency (USEPA) Method 8260B
 TPHd: Extractable TPH as diesel (diesel range organics, C10-C28) by USEPA Method 8015B with silica gel cleanup
 TPHmo: Extractable TPH as motor oil (motor oil range organics, C24-C36) by USEPA Method 8015B with silica gel cleanup
 VOCs: Volatile organic compounds by USEPA Method 8260B
 Metals: Cadmium, chromium, lead, nickel and zinc by USEPA Method 6010B

Environmental Screening Levels (ESLs) taken from the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB, December 2013):

Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, Interim Final, updated December 2013.

Tables A-1 and A-2 ESLs correspond to shallow soil defined as subsurface soil within less than 3 meters (9.84 feet) below ground surface

Tables C-1 and C-2 ESLs correspond to deep soil defined as subsurface soil more than 3 meters (9.84 feet) below ground surface

ESLs for TPHg correspond to TPH (gasolines)

ESLs for TPHd correspond to TPH (middle distillates)

ESLs for TPHmo correspond to TPH (residual fuels)

Detailed Notes

¹ The sample was only analyzed for TPHg and benzene, toluene, ethylbenzene, total xylenes, and methyl tert butyl ether (MTBE) distinction via USEPA 8260B.



Table 2. Laboratory Analytical Results for Groundwater Samples

988 Howard Avenue, Burlingame, California

Groundwater Sampling Information			Laboratory Analytical Results										
Field Point	Sample ID	Sample Date	Total Petroleum Hydrocarbon, TPH (µg/L)			Volatile Organic Compounds, VOC's (µg/L)			Metals (µg/L)				
			TPHg	TPHd	TPHmo	MTBE	PCE	Other VOC's	Cadmium	Chromium	Lead	Nickel	Zinc
B-1	B1-GW	8/14/2014	ND (<50)	ND (<60)	ND (<120)	ND (<0.50)	1.0	ND (<0.50 to <50)	ND (<2.0)	ND (<10)	ND (<5.0)	ND (<10)	37
B-2	B2-GW	8/14/2014	ND (<50)	ND (<180)	1,000	28	ND (<0.50)	ND (<0.50 to <50)	NA	NA	NA	NA	NA
Environmental Screening Levels, ESLs													
Table F-1a ESLs where groundwater IS a potential drinking water resource.			100	100	100	5.0	5.0	Varies by compound	0.25	50	2.5	8.2	81
Table F-1b ESLs where groundwater IS NOT a potential drinking water resource.			500	640	640	1,800	63	Varies by compound	0.25	180	2.5	8.2	81

Notes:

General:

µg/L:	Micrograms per liter (parts per billion equivalent)
ND (<50):	Not detected at or above the laboratory reporting limit
NA:	Not analyzed
NE:	Not established
TPH:	Total petroleum hydrocarbons
TPHg:	Purgeable TPH as gasoline (gasoline range organics, C5-C12) by United States Environmental Protection Agency (USEPA) Method 8260B
TPHd:	Extractable TPH as diesel (diesel range organics, C10-C28) by USEPA Method 8015B with silica gel cleanup
TPHmo:	Extractable TPH as motor oil (motor oil range organics, C24-C36) by USEPA Method 8015B with silica gel cleanup
VOCs:	Volatile organic compounds by USEPA Method 8260B
MTBE:	Methy tert butyl ether
PCE:	Tetrachloroethene

Environmental Screening Levels (ESLs) taken from the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB, December 2013):

Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, Interim Final, updated December 2013.

Table F-1a ESLs correspond to scenario where groundwater IS a current or potential source of drinking water

Table F-1b ESLs correspond to scenario where groundwater IS NOT a current or potential source of drinking water

ESLs for TPHg correspond to TPH (gasolines)

ESLs for TPHd correspond to TPH (middle distillates)

ESLs for TPHmo correspond to TPH (residual fuels)



Table 3. Laboratory Analytical Results of Soil Vapor Samples

988 Howard Avenue, Burlingame, California

Soil Vapor Sampling Information				Laboratory Analytical Results														Leak Monitoring Results (2-Propanol)		
Field ID	Sample Date	Sample ID	Vapor Probe Tip Depth (feet, bgs)	Total Petroleum Hydrocarbons (TPH) and Volatile Organic Compounds (VOCs) (ug/m ³)														Average Measured 2-Propanol Shroud Concentration PID Using CF=6	Drops of Isopropyl Alcohol in Shroud	Maximum Leakage Based on Detection Limit
				TPHg	TPHd and TPHss	Freon 12	Ethanol	Acetone	Carbon Disulfide	Chloroform	1,1,1-TCA	Carbon Tetrachloride	PCE	TCE	Naphthalene	Leak Check Compound 2-Propanol	Other VOCs	ug/m ³	# of Drops	Percent, %
SV-1	8/18/2014	SV-1	1.88	ND (<240)	ND (<5,000)	6.0	300	55	ND (<15)	ND (<5.8)	71	ND (<7.5)	ND (<8.1)	ND (<6.4)	3.0	ND (<12)	ND (<2.6 to <51)	77,662	10	0.02%
SV-2	8/18/2014	SV-2	4.63	1,000	ND (<5,000)	ND (<5.9)	ND (<9.0)	ND (<28)	16	12	10	16	ND (<8.1)	ND (<6.4)	5.4	ND (<12)	ND (<2.6 to <51)	89,951	10	0.01%
SV-3	8/18/2014	SV-3	4.75	ND (<240)	ND (<5,000)	ND (<5.9)	ND (<9.0)	ND (<28)	ND (<15)	ND (<5.8)	ND (<6.5)	ND (<7.5)	130	ND (<6.4)	4.5	ND (<12)	ND (<2.6 to <51)	134,983	10	0.01%
California Human Health Screening Levels, CHHSLs																				
Table 7 CHHSLs for soil gas below buildings without engineered fill, below sub-slab gravel, residential land use				NE	NE	NE	NE	NE	NE	NE	990,000	25	180	530	32	--	Varies by compound			
Table 7 CHHSLs for soil gas below buildings without engineered fill, below sub-slab gravel, commercial/industrial land use				NE	NE	NE	NE	NE	NE	NE	2,800,000	85	600	1,800	110	--	Varies by compound			
Environmental Screening Levels, ESLs																				
Table E-2 ESLs for shallow soil gas evaluation of potential vapor intrusion, residential land use				300,000	68,000	NE	NE	16,000,000	NE	230	2,600,000	29	210	300	36	--	Varies by compound			
Table E-2 ESLs for shallow soil gas evaluation of potential vapor intrusion, commercial/industrial land use				2,500,000	570,000	NE	NE	140,000,000	NE	2,300	22,000,000	290	2,100	3,000	360	--	Varies by compound			

Table Notes

California Human Health Screening Levels, CHHSLs:

California human health screening levels published by the Office of the Environmental Health Hazard Assessment of the California Environmental Protection Agency (OEHHA, September 23, 2010):

Human-Exposure-Based Screening Numbers Developed to Aid Estimation of Cleanup Costs for Contaminated Soil, November 2004, updated September 23, 2010.

CHHSLs in Table 7 are for volatile chemicals below buildings constructed without engineered fill below sub-slab gravel.

Environmental Screening Levels, ESLs:

Environmental Screening Levels (ESLs) taken from the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB, December 2013):

Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, Interim Final, updated December 2013.

Table E-2 ESLs correspond to shallow soil gas screening levels for evaluation of potential vapor intrusion concerns (volatile chemicals only) for residential and commercial/industrial land use.

General:

ug/m ³	Micrograms per cubic meter
PCE	Tetrachloroethene
TCE	Trichloroethene
1,1,1-TCA	1,1,1-Trichloroethane
TPHg	Total petroleum hydrocarbons as gasoline
TPHd	Total petroleum hydrocarbons as diesel (C10-C24)
TPHss	Total petroleum hydrocarbons as stoddard solvent
NE	Not established
feet bgs	Feet below ground surface
TPH/VOCs	Volatile Organic Compounds by United States Environmental Protection Agency (USEPA) Method TO-15; TPHd, TPHss and naphthalene by USEPA Method TO-17



*Phase II Environmental Site Assessment
988 Howard Avenue, Burlingame, California*

APPENDIX A

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

PERMIT 14- 1708



Protecting Our Health and Environment

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:

988 HOWARD AVE, BURLINGAME

OWNER:

SOGAS, DIMITRIOS
1290 HOWARD AVE #323
BURLINGAME

WP0009987 FA0056085
029214220
AMOUNT PAID: 577.00

CONTRACTOR:

E C A INC

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (3)
CONSULTANT: GREEN ENVIRONMENT INC
PROJECT MGR: MARK GREEN
SEE SPECIAL CONDITIONS NOTED ON APPLICATION

ALLISON FANG

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 8/19/2014

EXPIRATION DATE: 12/19/2014

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

2014 SUBSURFACE DRILLING PERMIT APPLICATION

AUG 07 2014

RECEIVED

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403

VOICE (650) 372-6200 FAX (650) 627-8244 WWW.SMCHALTH.ORG

FEES:

\$577.00 (env. borings or any wells)

\$361.00 (geotechnical borings only)

ALLOW 3 FULL WORKING DAYS FOR PROCESSING PERMIT, GROUTING DATE & TIME MUST BE

SCHEDULED WITH COUNTY STAFF OR AT drilling@smcgov.org AT LEAST 2 FULL WORKING

DAYS IN ADVANCE BUT AT LEAST 1 FULL WORKING DAY AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION	☐ GROUNDWATER MONITORING / VAPOR WELL INSTALLATION	☒ CONSTRUCT SOIL BORINGS
	☐ GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION	☐ EXTENSION OF PERMIT #
NO. OF WELLS	NO. OF BORINGS	WELL/BORING NAMES
	3	B-1, B-2, B-3

PURPOSE OF DRILLING	☒ ENVIRONMENTAL	LEAD AGENCY	☐ COUNTY GPP (permit approval is not to be considered work plan approval)
	☐ GEOTECHNICAL		☐ RWQCB/DTSC/USEPA (Provide approval letter) ☒ NONE (i.e. voluntary)

SITE/ DRILLING INFORMATION

AGENCY CASE# not applicable ASSESSOR'S PARCEL # (REQUIRED) 029-214-220 (one per permit)

DRILLING LOCATION ADDRESS 988 Howard Avenue CITY Burlingame ZIP 94010

To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse

Maximum Proposed Depth Wells/Borings 25-30 40 (feet) Drilling Method Geoprobe

Boring Diameter 1.75 inch Casing Diameter NA Filter Pack Interval NA Screen Interval NA

Destruction Method (6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure Grouting (provide well construction logs) ☐ Overdrilling (guide rods for total depth prior to starting required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME	Dimitrios Sogas	CONTACT PERSON	same
ADDRESS	1290 Howard Avenue, #323	CITY, STATE, ZIP	Burlingame, CA 94010
TELEPHONE	650-703-1042	EMAIL	dsogas@yahoo.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application and to notify the County of any known damage to the well, and to maintain the well in good condition. (Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)

Well/Boring Owner's/Contact Person's Signature:

Date:

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME	Robert Lugliani	CONTACT PERSON	same
ADDRESS	988 Howard Avenue	CITY, STATE, ZIP	Burlingame, CA 94010
TELEPHONE	650-344-8030	EMAIL	rlugliani@sbcglobal.net

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature:

Date:

DRILLING COMPANY:

DRILLING COMPANY	Environmental Control Associates, Inc.	CONTACT PERSON	Tim Tyler
ADDRESS	3011 Twin Palms Drive	CITY, STATE, ZIP	Aptos, CA
Telephone	831-662-8179	EMAIL	tttyler@sbcglobal.net
		C57 DRILLERS LICENSE #	695970

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature:

Date:

CONSULTANT COMPANY:

CONSULTANT COMPANY	Green Environment inc.	PROJECT MANAGER	Mark Green
ADDRESS	P.O. Box 7138	TELEPHONE	650-508-8018
CITY, STATE, ZIP	San Carlos, CA 94070	EMAIL	mark@greenenvironment.com

FIELD CONTACT NAME AND NUMBER (if known) Mark Green, 650-280-5768

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. (Responsible Professional must be a California Professional Geologist or Civil Engineer.)

Responsible Professional's Name (Please print legibly) Scott Palmer

Responsible Professional's Signature

Date:

California Professional Geologist (PG) No. 6836

or Civil Engineer (PE) No.

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

FA 56085

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations must be included with the permit application. The well/boring location map must include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

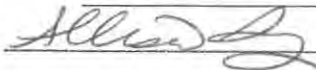
A work plan describing the drilling and construction/destruction methodology may be requested by County staff. Upon review of information on this application, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit must be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

- A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.
- B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.
- C. All borings must be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.
- D. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit must be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is required within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.
- E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, must be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions must be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.
- F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.
- G. Permit is valid for a mobilization associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee of \$264 for 2013 if GPP staff attempted to perform an inspection.
- H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.
- I. All work performed must conform to Business and Profession Codes and State Water Well Standards.
- J. Top-of-casing elevation of all wells must be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.
- K. Latitude and longitude of all wells must be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.
- L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: Retrospective Permit - work occurred 8/14/14

County Approval:



RO/FA#

Date:

8/14/14

2014 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244 WWW.SMCHEALTH.ORG

FEES:

\$577.00 (env. borings or any wells)
\$361.00 (geotechnical borings only)

ALLOW 3 FULL WORKING DAYS FOR PROCESSING PERMIT, GROUTING DATE & TIME MUST BE
SCHEDULED WITH COUNTY STAFF OR AT drilling@smcgov.org AT LEAST 2 FULL WORKING
DAYS IN ADVANCE BUT AT LEAST 1 FULL WORKING DAY AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION	☐ GROUNDWATER MONITORING / VAPOR WELL INSTALLATION	☒ CONSTRUCT SOIL BORINGS
	☐ GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION	☐ EXTENSION OF PERMIT #
NO. OF WELLS	NO. OF BORINGS	WELL/BORING NAMES
	3	B-1, B-2, B-3

PURPOSE OF DRILLING	☒ ENVIRONMENTAL	LEAD AGENCY	☐ COUNTY GPP (permit approval is not to be considered work plan approval)
	☐ GEOTECHNICAL		☐ RWQCB/DTSC/USEPA (Provide approval letter) ☒ NONE (i.e. voluntary)

SITE/ DRILLING INFORMATION

AGENCY CASE#	not applicable	ASSESSOR'S PARCEL # (REQUIRED)	029-214-220	(one per permit)
DRILLING LOCATION ADDRESS	988 Howard Avenue	CITY	Burlingame	ZIP 94010
To Be Constructed In:	☐ Public Property ☒ Private Property ☐ Refuse			
Maximum Proposed Depth Wells/Borings	25-30	(feet)	Drilling Method	Geoprobe
Boring Diameter	1.75 inch	Casing Diameter	NA	Filter Pack Interval NA Screen Interval NA
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite):	☐ Pressure Grouting (provide well construction logs) ☐ Overdrilling (guide rods for total depth prior to starting required)			

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME	Dimitrios Sogas	CONTACT PERSON	same
ADDRESS	1290 Howard Avenue, #323	CITY, STATE, ZIP	Burlingame, CA 94010
TELEPHONE	650-703-1042	EMAIL	dsogas@yahoo.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application and to notify the County of any known damage to the well, and to maintain the well in good condition. (Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)

Well/Boring Owner's/Contact Person's Signature: _____ Date: 8/7/14

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME	Robert Lugliani	CONTACT PERSON	same
ADDRESS	988 Howard Avenue	CITY, STATE, ZIP	Burlingame, CA 94010
TELEPHONE	650-344-8030	EMAIL	rlugliani@sbcglobal.net

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature: _____ Date: _____

DRILLING COMPANY:

DRILLING COMPANY	Environmental Control Associates, Inc	CONTACT PERSON	Tim Tyler
ADDRESS	3011 Twin Palms Drive	CITY, STATE, ZIP	Aptos, CA
Telephone	831-662-8179	EMAIL	ttyler@sbcglobal.net
			C57 DRILLERS LICENSE # 695970

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature: _____ Date: _____

CONSULTANT COMPANY:

CONSULTANT COMPANY	Green Environment inc.	PROJECT MANAGER	Mark Green
ADDRESS	P.O. Box 7138	TELEPHONE	650-508-8018
CITY, STATE, ZIP	San Carlos, CA 94070	EMAIL	mark@greenenvironment.com

FIELD CONTACT NAME AND NUMBER (if known) Mark Green, 650-280-5768

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. (Responsible Professional must be a California Professional Geologist or Civil Engineer.)

Responsible Professional's Name (Please print legibly) Scott Palmer

Responsible Professional's Signature _____ Date: _____

California Professional Geologist (PG) No. 6836 or Civil Engineer (PE) No. _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.



1347 Laurel Street
San Carlos, CA 94070
T 650.508.8018
F 650.508.8005

Transmittal Form

Date: August 7, 2014

Project: Environmental Due Diligence
Investigation, 988 Howard Avenue, Burlingame

To: Jacob Madden

From: Mark Green

Via: ☐ Fax ☐ Overnight delivery ☒ Hand delivery
☐ Email ☐ U.S. Mail

Number of copies: 1

- ☒ Work Plan
- ☐ Letter/Memo
- ☐ Report
- ☐ Lab Results
- ☐ Boring Logs
- ☐ DWR Form 188
- ☒ Other: Subsurface Drilling Permit Applications, Check # 17466 (\$577.00)

Please note that we plan to initiate drilling at 8:00 am on August 14, 2014 and finish by 5:00 pm on August 14, 2014.

2014 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244 WWW.SMCHEALTH.ORG

FEES: ALLOW 3 FULL WORKING DAYS FOR PROCESSING PERMIT, GROUTING DATE & TIME MUST BE
\$577.00 (env. borings or any wells) SCHEDULED WITH COUNTY STAFF OR AT drilling@smcgov.org AT LEAST 2 FULL WORKING
\$361.00 (geotechnical borings only) DAYS IN ADVANCE BUT AT LEAST 1 FULL WORKING DAY AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION	☐ GROUNDWATER MONITORING / VAPOR WELL INSTALLATION	☒ CONSTRUCT SOIL BORINGS
	☐ GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION	☐ EXTENSION OF PERMIT # _____
NO. OF WELLS	NO. OF BORINGS	WELL/BORING NAMES
	3	B-1, B-2, B-3

PURPOSE OF DRILLING	☒ ENVIRONMENTAL	LEAD AGENCY	☐ COUNTY GPP (permit approval is not to be considered work plan approval)
	☐ GEOTECHNICAL		☐ RWQCB/DTSC/USEPA (Provide approval letter) ☒ NONE (i.e. voluntary)

SITE/ DRILLING INFORMATION

AGENCY CASE# not applicable ASSESSOR'S PARCEL # (REQUIRED) 029-214-220 (one per permit)
DRILLING LOCATION ADDRESS 988 Howard Avenue CITY Burlingame ZIP 94010
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse
Maximum Proposed Depth Wells/Borings 25-30 (feet) Drilling Method Geoprobe
Boring Diameter 1.75 inch Casing Diameter NA Filter Pack Interval NA Screen Interval NA
Destruction Method (6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure Grouting (provide well construction logs)
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ADDRESS 1290 Howard Avenue, #323 CITY, STATE, ZIP Burlingame, CA 94010
TELEPHONE 650-703-1042 EMAIL dsogas@yahoo.com

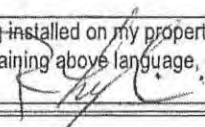
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Well/Boring Owner's/Contact Person's Signature: _____ Date: _____

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Robert Lugliani CONTACT PERSON same
ADDRESS 988 Howard Avenue CITY, STATE, ZIP Burlingame, CA 94010
TELEPHONE 650-344-8030 EMAIL rlugliani@sbcglobal.net

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature:  Date: 8-17-14

DRILLING COMPANY:

DRILLING COMPANY Environmental Control Associates, Inc. CONTACT PERSON Tim Tyler
ADDRESS 3011 Twin Palms Drive CITY, STATE, ZIP Aptos, CA
Telephone 831-662-8179 EMAIL tilyer@sbcglobal.net C57 DRILLERS LICENSE # 695970

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature: _____ Date: _____

CONSULTANT COMPANY:

CONSULTANT COMPANY Green Environment inc. PROJECT MANAGER Mark Green
ADDRESS P.O. Box 7138 TELEPHONE 650-508-8018
CITY, STATE, ZIP San Carlos, CA 94070 EMAIL mark@greenenvironment.com

FIELD CONTACT NAME AND NUMBER (if known) Mark Green, 650-280-5768

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Responsible Professional's Name (Please print legibly) Scott Palmer

Responsible Professional's Signature _____ Date: _____

California Professional Geologist (PG) No. 6836 or Civil Engineer (PE) No. _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology may be requested by County staff. Upon review of information on this application, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

- A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.
- B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.
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- D. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.
- E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.
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- H. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.
- I. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.
- J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.
- K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.
- L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

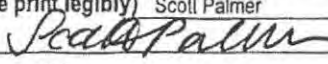
SPECIAL CONDITIONS:

For Agency Use Only:

County Approval: _____ RO/FA# _____ Date: _____

2014 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244 WWW.SMCHEALTH.ORG

FEES:		ALLOW 3 FULL WORKING DAYS FOR PROCESSING PERMIT, GROUTING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF OR AT drilling@smcgov.org AT LEAST 2 FULL WORKING DAYS IN ADVANCE BUT AT LEAST 1 FULL WORKING DAY AFTER APPLICATION SUBMITTAL	
\$577.00 (env. borings or any wells)			
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PURPOSE OF APPLICATION	☒ GROUNDWATER MONITORING / VAPOR WELL INSTALLATION ☒ CONSTRUCT SOIL BORINGS ☐ GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION ☐ EXTENSION OF PERMIT # _____		
NO. OF WELLS	NO. OF BORINGS	WELL/BORING NAMES	
	3	B-1, B-2, B-3	
PURPOSE OF DRILLING	☒ ENVIRONMENTAL ☐ GEOTECHNICAL	LEAD AGENCY	☐ COUNTY GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☒ NONE (i.e. voluntary)
SITE/ DRILLING INFORMATION			
AGENCY CASE# not applicable		ASSESSOR'S PARCEL # (REQUIRED) 029-214-220 (one per permit)	
DRILLING LOCATION ADDRESS 988 Howard Avenue		CITY Burlingame	ZIP 94010
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse			
Maximum Proposed Depth Wells/Borings 25-30 (feet)		Drilling Method Geoprobe	
Boring Diameter 1.75 inch	Casing Diameter NA	Filter Pack Interval NA	Screen Interval NA
Destruction Method (6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure Grouting (provide well construction logs) ☐ Overdrilling (guide rods for total depth prior to starting required)			
WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)			
NAME Dimitrios Sogas		CONTACT PERSON same	
ADDRESS 1290 Howard Avenue, #323		CITY, STATE, ZIP Burlingame, CA 94010	
TELEPHONE 650-703-1042		EMAIL dsogas@yahoo.com	
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application and to notify the County of any known damage to the well, and to maintain the well in good condition. (Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)			
Well/Boring Owner's/Contact Person's Signature:		Date:	
PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)			
NAME Robert Lugliani		CONTACT PERSON same	
ADDRESS 988 Howard Avenue		CITY, STATE, ZIP Burlingame, CA 94010	
TELEPHONE 650-344-8030		EMAIL rlugliani@sbcglobal.net	
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)			
Property Owner's Signature:		Date:	
DRILLING COMPANY:			
DRILLING COMPANY Environmental Control Associates, Inc.		CONTACT PERSON Tim Tyler	
ADDRESS 3011 Twin Palms Drive		CITY, STATE, ZIP Aplos, CA	
Telephone 831-662-8179	EMAIL tlyler@sbcglobal.net	C57 DRILLERS LICENSE # 695970	
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.			
Driller's Signature:		Date:	
CONSULTANT COMPANY:			
CONSULTANT COMPANY Green Environment inc.		PROJECT MANAGER Mark Green	
ADDRESS P.O. Box 7138		TELEPHONE 650-508-8018	
CITY, STATE, ZIP San Carlos, CA 94070		EMAIL mark@greenenvironment.com	
FIELD CONTACT NAME AND NUMBER (if known) Mark Green, 650-280-5768			
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. (Responsible Professional must be a California Professional Geologist or Civil Engineer.)			
Responsible Professional's Name (Please print legibly) Scott Palmer			
Responsible Professional's Signature 		Date: 8/7/2014	
California Professional Geologist (PG) No. 6836		or Civil Engineer (PE) No.	

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

2014 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244 WWW.SMCHEALTH.ORG

FEES: ALLOW 3 FULL WORKING DAYS FOR PROCESSING PERMIT, GROUTING DATE & TIME MUST BE
\$577.00 (env. borings or any wells) SCHEDULED WITH COUNTY STAFF OR AT drilling@smcgov.org AT LEAST 2 FULL WORKING
\$361.00 (geotechnical borings only) DAYS IN ADVANCE BUT AT LEAST 1 FULL WORKING DAY AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION ☐ GROUNDWATER MONITORING / VAPOR WELL INSTALLATION ☒ CONSTRUCT SOIL BORINGS
☐ GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION ☐ EXTENSION OF PERMIT #
NO. OF WELLS NO. OF BORINGS 3 WELL/BORING NAMES B-1, B-2, B-3

PURPOSE OF DRILLING ☒ ENVIRONMENTAL ☐ GEOTECHNICAL **LEAD AGENCY** ☐ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☒ NONE (i.e. voluntary)

SITE/ DRILLING INFORMATION

AGENCY CASE# not applicable ASSESSOR'S PARCEL # (REQUIRED) 029-214-220 (one per permit)

DRILLING LOCATION ADDRESS 988 Howard Avenue CITY Burlingame ZIP 94010

To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse

Maximum Proposed Depth Wells/Borings 25-30 (feet) Drilling Method Geoprobe

Boring Diameter 1.75 inch Casing Diameter NA Filter Pack Interval NA Screen Interval NA

Destruction Method (6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure Grouting (provide well construction logs)
☐ Overdrilling (guide rods for total depth prior to starting required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Dimitrios Sogas CONTACT PERSON same
ADDRESS 1290 Howard Avenue, #323 CITY, STATE, ZIP Burlingame, CA 94010
TELEPHONE 650-703-1042 EMAIL dsogas@yahoo.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application and to notify the County of any known damage to the well, and to maintain the well in good condition. (Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)

Well/Boring Owner's/Contact Person's Signature: Date:

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLLS SHOULD MATCH SIGNATURE)

NAME Robert Lugliani CONTACT PERSON same
ADDRESS 988 Howard Avenue CITY, STATE, ZIP Burlingame, CA 94010
TELEPHONE 650-344-8030 EMAIL rlugliani@sbcglobal.net

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature: Date:

DRILLING COMPANY:

DRILLING COMPANY Environmental Control Associates, Inc. (ECA) CONTACT PERSON Tim Tyler
ADDRESS 3011 Twin Palms Drive CITY, STATE, ZIP Aptos, CA
Telephone 831-662-8179 EMAIL tbtlyer@sbcglobal.net C57 DRILLERS LICENSE # 695970

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature: Date: 8/7/14

CONSULTANT COMPANY:

CONSULTANT COMPANY Green Environment inc. PROJECT MANAGER Mark Green
ADDRESS P.O. Box 7138 TELEPHONE 650-508-8018
CITY, STATE, ZIP San Carlos, CA 94070 EMAIL mark@greenenvironment.com

FIELD CONTACT NAME AND NUMBER (if known) Mark Green, 650-280-5768

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. (Responsible Professional must be a California Professional Geologist or Civil Engineer.)

Responsible Professional's Name (Please print legibly) Scott Palmer

Responsible Professional's Signature Date:

California Professional Geologist (PG) No. 6836 or Civil Engineer (PE) No.

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.



1347 Laurel Street
San Carlos, CA 94070
T 650.508.8018
F 650.508.8005

August 7, 2014

Mr. Jacob Madden
San Mateo County Health System (SMCoHS)
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA 94403

**RE: Work Plan for Environmental Due Diligence Investigation
988 Howard Avenue, Burlingame, California**

Dear Mr. Madden:

On behalf of Mr. Dimitrios Sogas, Green Environment inc. (GEI) has prepared this work plan for conducting a subsurface environmental investigation at 988 Howard Avenue in Burlingame, California. The environmental investigation is proposed for due diligence purposes associated with the potential acquisition of the property by Mr. Sogas for a potential mixed-use redevelopment. The attached **Figure 1** shows the location of the property, which consists of one (1) commercial parcel (APN 029-214-220) developed with two (2) connected commercial buildings. Auto repair operations are conducted onsite, and the site has also operated as a fuel service station.

SCOPE OF WORK

The scope of work for the subsurface environmental investigation is described below.

TASK 1. PLANNING AND PERMITTING

Prior to field activities, GEI will secure a drilling permit from SMCoHS, prepare a site-specific Health & Safety Plan to cover the scope of work and protect the health and safety of GEI employees and subcontractors, identify and mark proposed soil boring locations with white paint (as required), contact Underground Service Alert at least forty-eight (48) hours prior to the initiation of the drilling work, retain the services of a private utility locating company to clear the proposed boring locations, and schedule the field work with the property owner and SMCoHS.

TASK 2. SOIL AND GROUNDWATER INVESTIGATION

Three (3) soil borings will be advanced at the site as shown in the attached **Figure 2** to collect vadose zone soil samples and grab groundwater samples. The locations of the proposed borings (B-1, B-2, B-3) were selected based upon historic site features and the reported shallow groundwater gradient in the near-by vicinity. The locations of the borings may be adjusted onsite based upon physical and or other access limitations.

GEI will contract with a C57 licensed driller to use a truck mounted Geoprobe™ drill rig to complete the borings under the direction of a Professional Geologist. Each boring will be advanced by direct-push technology and continuous soil sampling capability into the first encountered groundwater. GEI anticipates the borings will be advanced to a maximum of thirty (30) feet below ground surface (bgs). The Geoprobe™ equipment includes a core barrel of approximately 1.5-inch diameter that is loaded with a retractable inner acetate sample tube. The loaded sampler is hydraulically driven into the subsurface soils to retrieve a continuous core of soil four (4) feet in length. Hand augering will be performed to clear for shallow underground utilities, if necessary. All downhole equipment and sampling tools will be cleaned prior to use to mitigate potential cross-contamination between borings.

Soils retrieved from the borings will be field screened with a photo-ionization detector (PID), and logged by the Professional Geologist utilizing the Unified Soil Classification System. Two (2) soil samples from the vadose zone of each boring will be retained for laboratory analyses. Additional samples will be collected if evidence of potential contamination is observed in soil cores (such as elevated PID readings, stained soil, odors, etc.), at the discretion of the Professional Geologist.

Discrete soil samples for potential laboratory analyses will be collected in soil-filled acetate liners, the ends sealed with Teflon sheets and plastic end caps. The soil liner samples will be labeled and placed in an ice cooler for preservation. Each soil liner sample will be accompanied by soil aliquots preserved in the field via Terra Cores®. Following the protocol provided by the laboratory and manufacturer, Terra Core® sampling will consist of driving a dedicated syringe into freshly exposed soils in the liner. The five (5) grams of soils retrieved with the syringe will be extruded into laboratory-supplied 40-milliliter volatile organic analysis vials (40 mL VOAs), one containing methanol chemical preservative and two containing deionized water. The VOAs will be promptly sealed with Teflon caps, labeled with identification information, and placed in the ice chest for cold storage. GEI will follow chain of custody protocol during the handling of the soil samples from the field to the laboratory.

Following the drilling and soil sampling at each boring, temporary screened polyvinyl chloride (PVC) casing of 0.75-inch diameter will be installed in the boring to facilitate groundwater sampling. Depth-to-water will be measured using a Solinst® or equivalent water level meter accurate to within 0.01 inches. The groundwater sampling and depth-to-water will be recorded



along with soil lithology on boring logs. A grab groundwater sample will be collected from each boring and transferred into laboratory-supplied containers with appropriate chemical preservatives. The sample containers will be labeled with identification information, and placed in an ice chest for cold storage. The ice chest containing the soil and groundwater samples will be transferred with chain-of-custody documentation to a California-certified analytical laboratory for the chemical analyses specified in **Task 4** of this Work Plan.

TASK 3. SOIL BORING GROUTING

After soil and groundwater sampling is complete, any temporary PVC piping will be removed from the borings, and all boreholes will be backfilled to grade by tremie with neat cement grout per SMCohS requirements.

TASK 4. LABORATORY ANALYSES

GEI will direct a California-certified analytical laboratory to analyze:

- up to five (5) soil samples for Volatile Organic Compounds (VOCs) and Gasoline Range Hydrocarbons (GRO) via EPA 8260B, Diesel and Motor Oil Range Hydrocarbons (DRO/MRO) via EPA 8015M with a silica gel cleanup, LUFT 5 Metals via EPA 6010B, and moisture content; and
- three (3) grab groundwater samples for VOCs and GRO via EPA 8260B, DRO/MRO via EPA 8015M with a silica gel cleanup, and dissolved LUFT 5 Metals via EPA 6010B.

TASK 5. INVESTIGATION DERIVED WASTE

Soil cuttings and purge and decontamination water generated from the field activities will be placed in Department of Transportation (DOT) approved drums. The drums will be labeled appropriately and placed for temporary storage at the site. The drum contents will be characterized and transported for proper off-site disposal after receipt of the analytical data.

TASK 6. REPORTING

GEI will provide SMCoHS with the investigation data and information as required by SMCoHS drill permit conditions, within the permit-required timeframe.

RESPONSIBLE PROFESSIONAL'S SIGNATURE



Scott Palmer
Professional Geologist, PG #6836

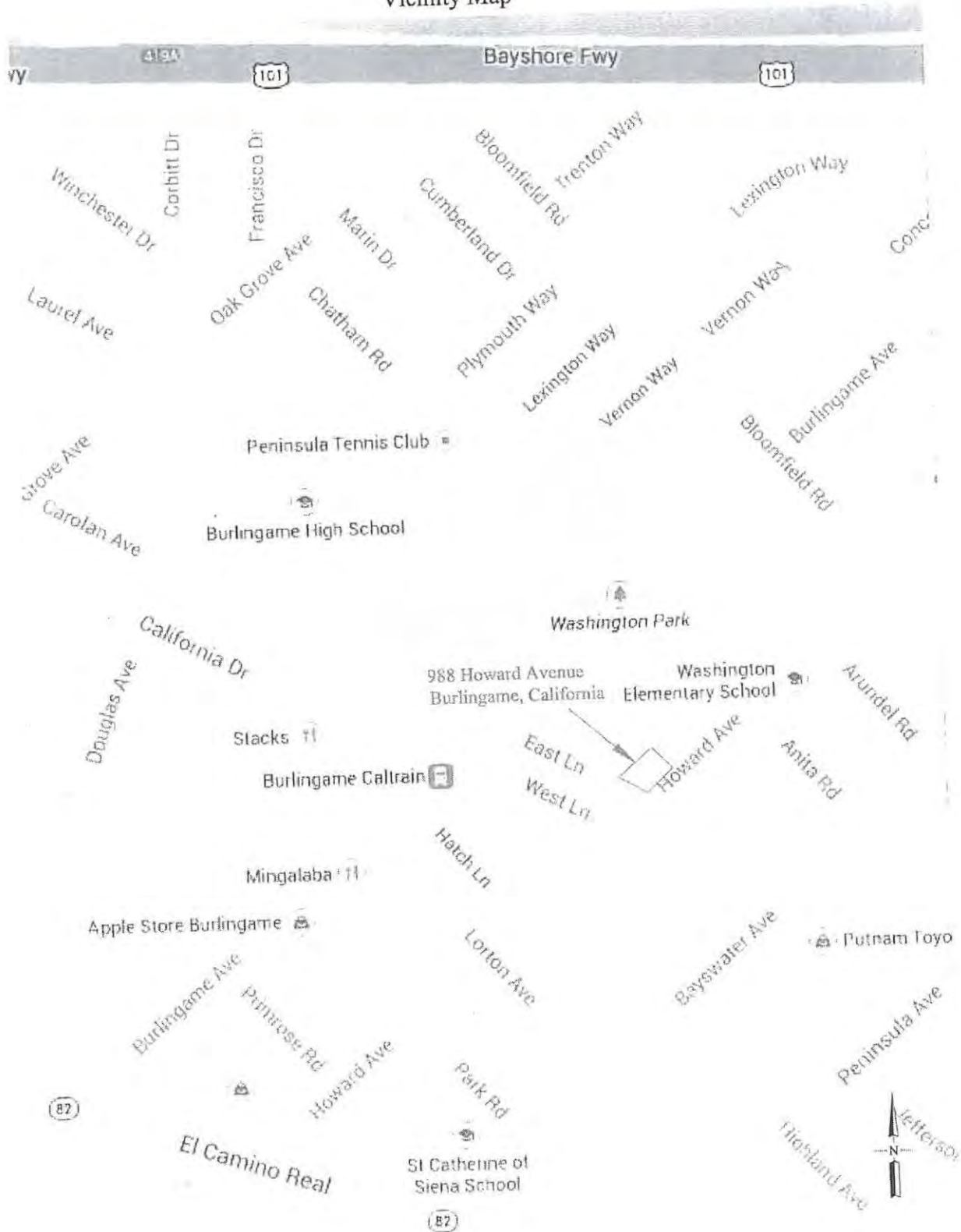


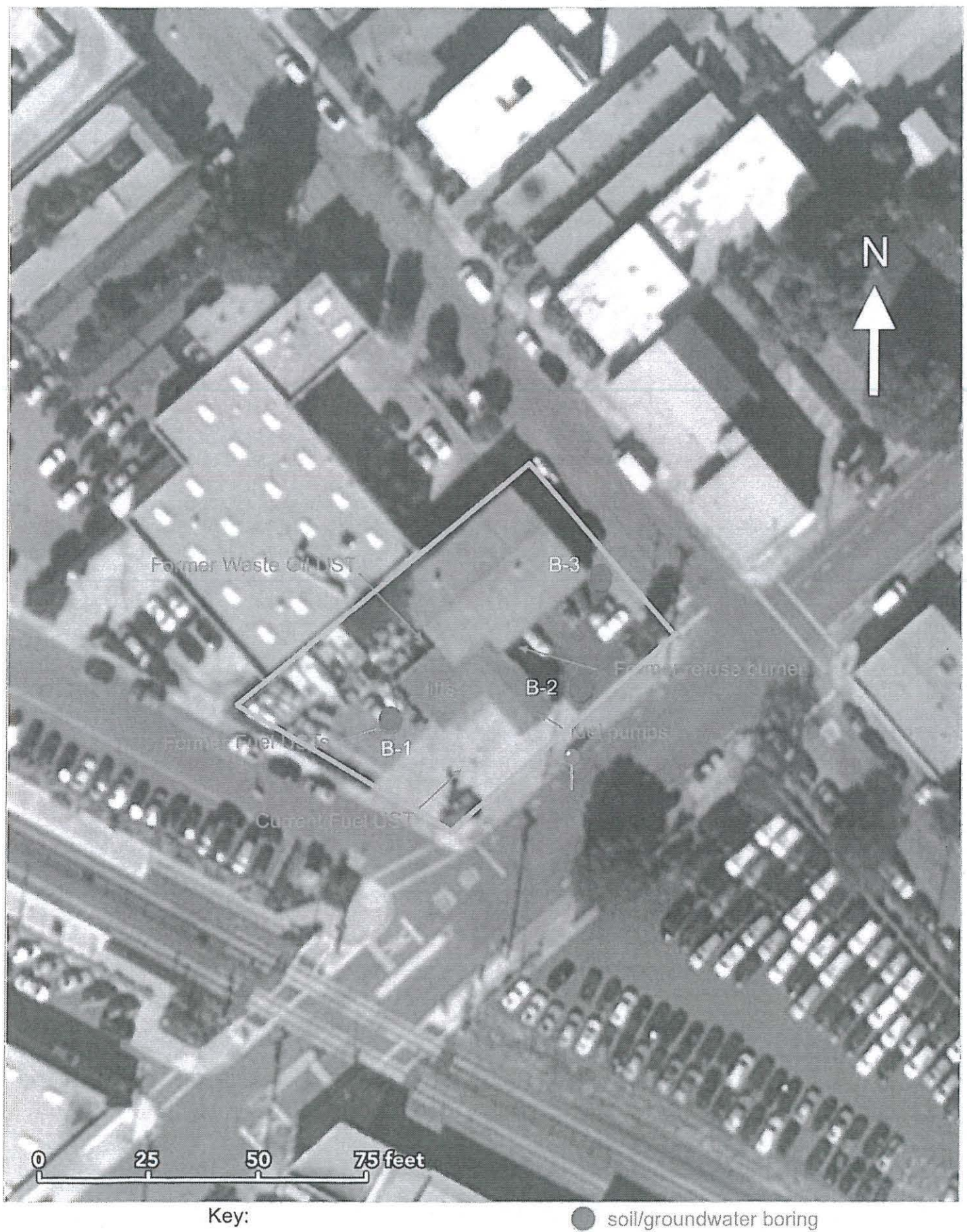
Work Plan for Subsurface Environmental Investigation
988 Howard Avenue, Burlingame, California

FIGURES

988 Howard Avenue, Burlingame, CA

Figure 1
Vicinity Map







*Phase II Environmental Site Assessment
988 Howard Avenue, Burlingame, California*

APPENDIX B

LOG OF BORING B-1

Site:	988 Howard Avenue, Burlingame, California	Drill Date:	August 14, 2014	<i>Paul Grunt</i>
Project:	988 Howard	Drill Times:	8:00 to 9:50 AM	
Driller:	Environmental Control Associates, Inc. (C57 #695970)	Hole Depth:	32 feet below ground surface, feet bgs	
Drill Rig:	Truck-mounted Geoprobe™ 6600 rig	Logged By:	Paul Studemeister, CEG 1746	

Sample Label	Sample Depth (feet bgs)	Date & Time	PID (ppmv)	Temp Well	Depth (feet bgs)	Sample Interval	USCS	Description
					0			Lightly abraded pavement surface
B1-1.75/2	1.75 to 2.0 ft	8/14/14, 8:10 AM	0.2 ppm at 0.5 to 1 ft 0.4 ppm at 2 ft		2		GM	Asphalt pavement (2-inches thick) followed by SILTY GRAVEL WITH SAND (GM): Dark yellowish brown to dark brown, with fine- to coarse-grained sand, up to 2-inch particulates, dense, dry to damp with depth
B1-4.5/5	4.5 to 5.0 ft	8/14/14, 8:15 AM	1.4 ppm at 4 ft 1.3 ppm at 5 to 5.5 ft		4			
B1-8/8.5	8.0 to 8.5 ft	8/14/14, 8:20 AM	1.4 ppm at 8 ft 3.2 ppm at 8 to 8.5 ft		8			
B1-9/9.5	9.0 to 9.5 ft	8/14/14, 8:22 AM	6.6 ppm at 9 to 9.5 ft		10		CL	GRAVELLY LEAN CLAY WITH SAND (CL): Dark yellowish brown to dark brown, with fine- to coarse-grained sand, low plasticity, very stiff, damp
			7.6 ppm at 11.5 to 12 ft		12		GM	SILTY GRAVEL WITH SAND (GM): Dark yellowish brown to dark brown, with fine- to coarse-grained sand, dense, damp
B1-12.5/13	12.5 to 13.0 ft	8/14/14, 8:25 AM	3.1 ppm at 12.5 to 13 ft 6.6 ppm at 13 to 13.5 ft		14		GW	WELL GRADED GRAVEL WITH SAND (GW): Dark brown, with fine- to coarse-grained sand, dense, damp
					14		SC	CLAYEY SAND WITH GRAVEL (SC): Dark yellowish brown, stiff, moist
					14		GM	SILTY GRAVEL WITH SAND (GM): Dark yellowish brown to dark brown, with fine- to coarse-grained sand, dense, damp
B1-14.75/15.25	14.75 to 15.25 ft	8/14/14, 8:27 AM	6.5 ppm at 16 ft 4.6 ppm at 17 ft 4.1 ppm at 18 ft		16		CL	SANDY LEAN CLAY WITH GRAVEL (CL): Yellowish brown, with mainly fine-grained sand, low plasticity, stiff, moist
			4.7 ppm at 20 ft		18		CL	SANDY LEAN CLAY WITH GRAVEL (CL): Dark yellowish brown, with fine- to coarse-grained sand, low plasticity, hard, dry to damp
			5.5 ppm at 20.5 to 21 ft 5.7 ppm at 22 ft		18		GC	CLAYEY GRAVEL WITH SAND (GC): Dark yellowish brown, with fine- to coarse-grained sand, weathered gravel and coarse sand rock particulates, very dense, dry to damp
			6.0 ppm at 23 ft; 4.4 ppm at 23.5 ft		20			
			7.0 ppm at 25 ft		22		CL	SANDY LEAN CLAY (CL): Dark yellowish brown, with mainly fine-grained sand, very stiff, damp
			10.1 ppm at 26 ft		22		GC	CLAYEY GRAVEL WITH SAND (GC): Dark yellowish brown, abundant gravel-sized particulates, with fine- to coarse-grained sand, dense to very dense, dry to damp
			10.6 ppm at 27 ft		24			
			14.7 ppm at 28 ft		26			
			28.1 ppm at 29 ft; 18.1 ppm at 29 to 30 ft		28		CL	SANDY LEAN CLAY (CL): Yellowish brown, with fine-grained sand, low plasticity, hard, damp
B1-29.5/30	29.5 to 30.0 ft	8/14/14, 9:45 AM	19.1 ppm at 32 ft		28		SC	CLAYEY SAND (SC): Yellowish brown, with mainly fine-grained sand, dense, moist to very moist
					30		SC-SM	SILTY CLAYEY SAND (SC-SM): Yellowish brown, with fine- to coarse-grained sand, dense, moist to wet
					32			END OF BOREHOLE AT 32 FEET BELOW GROUND SURFACE

LOG OF BORING B-1 (CONTINUATION)

Site:	988 Howard Avenue, Burlingame, California	Drill Date:	August 14, 2014	<i>Paul Studemeister</i>
Project:	988 Howard	Drill Times:	8:00 to 9:50 AM	
Driller:	Environmental Control Associates, Inc. (C57 #695970)	Hole Depth:	32 feet below ground surface, feet bgs	
Drill Rig:	Truck-mounted Geoprobe™ 6600 rig	Logged By:	Paul Studemeister, CEG 1746	

NOTES:

The boring was completed with the use of direct-push Geoprobe™ equipment with dual-wall casing and continuous soil sampling capability. Discrete soil samples were collected with laboratory-supplied, dedicated, single-use TerraCore® syringes (5-gram capacity) and placed into 40-ml volatile organic analysis vials (VOAs). Soil cores were also collected, sealing the ends of each acetate liner with teflon sheets and plastic end caps. After advancing the boring to 20 feet depth, the down-hole drill casing was removed and temporary polyvinyl chloride casing (PVC) of 0.75-inch diameter was installed in the borehole and set at 20-ft depth. The bottom 15-feet of the PVC casing was screened casing; the remainder was solid PVC casing. The PVC casing in the 20-ft boring was monitored for the presence of free groundwater with an electronic water level meter. Depth-to-water monitoring indicated no free groundwater in the 20-ft boring; the boring remained dry with no groundwater or moisture accumulation. After 45 minutes of depth-to-water monitoring, drilling resumed with dual-wall casing and the boring was advanced from 20 to 32 ft depth into the first-encountered groundwater-bearing zone where saturated conditions were evident. The drill casing was then raised to 20 feet depth to maintain a seal above 20 feet depth, the inner drill casing was removed to expose the borehole sidewall from 20 to 32 feet depth, and then PVC casing screened in the lower 15-feet was installed in the partially encased borehole and set at 32 feet depth. The PVC casing in the 32-ft boring was monitored for depth-to-water with the electronic water level meter. No groundwater was evident and the 32-ft boring was dry between 9:50 AM and 12:55 PM, 08/14/14. Depth-to-water was measured at 31.77 feet bgs at 12:55 PM, 08/14/14; and 27.75 feet bgs at 2:00 PM, 08/14/14. A groundwater sample (B1-GW) was collected at 2:30 PM, 08/14/14 with the use of a dedicated disposable bailer. Groundwater from the bailer was transferred into laboratory supplied 40-ml VOAs with hydrochloric acid preservative. After filling the VOAs, dedicated 1/4-inch diameter tubing was installed in the PVC casing to collect additional groundwater into laboratory-supplied 1-liter amber glass bottles and 125-ml plastic bottles, both without chemical preservative. The boring dewatered during the groundwater sampling process, and groundwater extraction was intermittent with pauses so as to allow for groundwater recharge. After filling two 1-lt amber bottles and two 125-ml plastic bottles (2:55 PM, 08/14/14), the boring dewatered again. The PVC casing was removed and the borehole was backfilled with neat cement up to the ground surface. Note: soil sample B1-29.5/30 was sampled at 9:45 AM; the sampling time of 9:00 AM on the sample label and chain-of-custody is in error, should be 9:45 AM.

LOG OF BORING B-2

Site: 988 Howard Avenue, Burlingame, California
Project: 988 Howard
Driller: Environmental Control Associates, Inc. (C57 #695970)
Drill Rig: Truck-mounted Geoprobe™ 6600 rig

Drill Date: August 14, 2014
Drill Times: 10:35 AM to 12:00 PM
Hole Depth: 32 feet below ground surface, feet bgs
Logged By: Paul Studemeister, CEG 1746

Paul Studemeister

Sample Label	Sample Depth (feet bgs)	Date & Time	PID (ppmv)	Temp Well	Depth (feet bgs)	Sample Interval	USCS	Description
					0			Lightly abraded pavement surface
							FILL	Asphalt pavement (2-inches thick) with gravel and sand subbase, dry
			1.7 ppm at 0.5 to 1.5 ft				ML	SANDY SILT (ML): Very dark grayish brown, with fine- to medium-grained sand, stiff, dry
			2.0 ppm at 2 ft		2		SM	SILTY SAND WITH GRAVEL (SM): Dark yellowish brown, with fine- to coarse-grained sand, weathered gravel-sized rock particulates noted, dense to very dense, dry to damp
			0.5 ppm at 4 ft		4		GP-GM	POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM): Dark yellowish brown to dark brown, with fine- to coarse-grained sand, some silt noted, dense, dry to damp
B2-5/5.5	5.0 to 5.5 ft	8/14/14, 10:50 AM	0.7 ppm at 6 ft		6			
			0.3 ppm at 8 ft		8		GM	SILTY GRAVEL WITH SAND (GM): Dark yellowish brown to dark brown, with fine- to coarse-grained sand, weathered gravel-sized particulates noted, dense, dry to damp
B2-9.5/10	9.5 to 10.0 ft	8/14/14, 10:55 AM	0.5 ppm at 10 ft		10			
			0.6 ppm at 11.5 ft		12			
B2-12.5/13	12.5 to 13.0 ft	8/14/14, 11:00 AM	0.8 ppm at 13 ft		14		CL	SANDY LEAN CLAY TO LEAN CLAY WITH SAND (CL): Yellowish brown with some dark yellowish brown mottling, with mainly fine-grained sand, very stiff to hard, damp
			1.6 ppm at 14 ft		16		GC	CLAYEY GRAVEL WITH SAND (GC): Dark yellowish brown to dark brown, with fine- to coarse-grained sand, very dense, dry
			2.2 ppm at 15 ft		18			
			1.2 ppm at 16 ft		20		GC	CLAYEY GRAVEL WITH SAND (GC): Dark greenish gray, variable clayey matrix to gravel, dense, damp, mild hydrocarbon odor noted
B2-20.5/21	20.5 to 21.0 ft	8/14/14, 11:10 AM	3.3 ppm at 17 ft		22		GC	CLAYEY GRAVEL WITH SAND (GC): Dark greenish gray to dark grayish brown, with fine- to coarse-grained sand, dense to very dense, dry to damp
			2.9 ppm at 19 ft; 1.8 ppm at 20 ft; 5.3 ppm at 20.5 to 21 ft; 20 ppm at 21 to 21.5 ft; 12.4 ppm at 22 ft		24		GP-GC	POORLY GRADED GRAVEL WITH CLAY AND SAND (GP-GC): Dark yellowish brown, with fine- to coarse-grained sand, weathered gravel-sized rock particulates noted, very dense, dry to damp
B2-23.5/24	23.5 to 24.0 ft	8/14/14, 11:15 AM	4.1 ppm at 23 ft; 22.6 ppm at 23.5 ft; 6.7 ppm at 24.5 ft		26			
			4.8 ppm at 26 ft		28		CL	SANDY LEAN CLAY (CL): Yellowish brown, with fine-grained sand, low plasticity, hard, damp
			1.5 ppm at 26.5 ft		30		ML/CL	SANDY CLAYEY SILT (ML/CL): Dark yellowish brown mixture of silt, clay, and fine-grained sand, sand content increasing with depth, low plasticity, very stiff, damp to moist
B2-31/31.5	31.0 to 31.5 ft	8/14/14, 11:30 AM	4.5 ppm at 28 ft					
			3.3 ppm at 29 ft					
			13.1 ppm at 30 ft					
			10.9 ppm at 31 ft					
			10.1 ppm at 32 ft					END OF BOREHOLE AT 32 FEET BELOW GROUND SURFACE

LOG OF BORING B-2 (CONTINUATION)

Site: 988 Howard Avenue, Burlingame, California	Drill Date: August 14, 2014	<i>Paul Studemeister</i>
Project: 988 Howard	Drill Times: 10:35 AM to 12:00 PM	
Driller: Environmental Control Associates, Inc. (C57 #695970)	Hole Depth: 32 feet below ground surface, feet bgs	
Drill Rig: Truck-mounted Geoprobe™ 6600 rig	Logged By: Paul Studemeister, CEG 1746	

NOTES:

The boring was completed with the use of direct-push Geoprobe™ equipment with dual-wall casing and continuous soil sampling capability. Discrete soil samples were collected with laboratory-supplied, dedicated, single-use TerraCore® syringes (5-gram capacity) and placed into 40-ml volatile organic analysis vials (VOAs). Soil cores were also collected, sealing the ends of each acetate liner with teflon sheets and plastic end caps. After advancing the boring to 32 feet depth into the first-encountered groundwater-bearing zone where saturated conditions were evident, the down-hole drill casing was raised to 20 feet depth to maintain a seal above 20 ft depth, the inner drill casing was removed to expose the borehole sidewall from 20 to 32 feet depth, and then temporary polyvinyl chloride casing (PVC) of 0.75-inch diameter was installed in the partially encased borehole and set at 32-feet depth. The bottom 15-feet of the PVC casing was screened; the remainder was solid PVC casing. The direct-push Geoprobe™ equipment was then used to drill another boring to 16 feet depth; the shallow boring was completed approximately 20 inches to the south of the 32-ft boring. The drill casing was removed and PVC casing screened in the bottom 10 feet was installed in the 16-ft boring and set at 16 feet depth. Depth-to-water monitoring of both the 32-ft and 16-ft borings was performed with an electronic water level meter. No free groundwater was encountered in the 16-ft boring; the boring remained dry until backfilling occurred at 6:00 PM, 08/14/14. The 32-ft boring remained dry with no groundwater until 3:10 PM, 08/14/14, when depth-to-water was measured at 31.50 feet bgs. Prior to groundwater sampling of the 32-ft boring, depth-to-water was measured at 31.00 feet bgs at 4:15 PM, 08/14/14. A groundwater sample (B2-GW) was collected at 4:15 PM, 08/14/14 from the 32-ft boring with the use of a dedicated disposable bailer. Groundwater from the bailer was transferred into laboratory supplied 40-ml VOAs with hydrochloric acid preservative. After filling the VOAs, dedicated 1/4-inch diameter tubing was installed in the PVC casing of the 32-ft boring to collect additional groundwater into a laboratory-supplied 1-liter amber glass bottle without chemical preservative. The boring dewatered during groundwater sampling, and the filling of the sample bottle was intermittent with pauses to allow for groundwater recharge. Due to time constraints, groundwater sampling was discontinued at 5:10 PM (08/14/14) after filling only a third of the 1-lt sample bottle. The PVC casings in the two borings were then removed and both boreholes were backfilled with neat cement up to the ground surface.

LOG OF BORING B-3

Site:	988 Howard Avenue, Burlingame, California	Drill Date:	August 14, 2014	<i>Paul Grant</i>
Project:	988 Howard	Drill Times:	12:45 to 2:00 PM	
Driller:	Environmental Control Associates, Inc. (C57 #695970)	Hole Depth:	32 feet below ground surface, feet bgs	
Drill Rig:	Truck-mounted Geoprobe™ 6600 rig	Logged By:	Paul Studemeister, CEG 1746	

Sample Label	Sample Depth (feet bgs)	Date & Time	PID (ppmv)	Temp Well	Depth (feet bgs)	Sample Interval	USCS	Description
					0			Lightly abraded pavement surface
			5.1 ppm at 1 ft				FILL	Asphalt pavement (2-inches thick) with gravel and sand subbase, dry
			3.2 ppm at 2 ft		2		ML	SANDY SILT (ML): Very dark grayish brown, with fine- to medium-grained sand, stiff, dry
			3.1 ppm at 4 ft		4		SM	SILTY SAND WITH GRAVEL (SM): Dark yellowish brown, with fine- to coarse-grained sand, weathered gravel-sized rock particulates noted, dense to very dense, dry
B3-5/5.5	5.0 to 5.5 ft	8/14/14, 1:10 PM	1.0 ppm at 6 ft		6		GM	SILTY GRAVEL WITH SAND (GM): Dark yellowish brown to dark brown, with fine- to coarse-grained sand, weathered gravel-sized rock particulates noted, medium dense, dry to damp
			1.1 ppm at 8 ft		8			
			3.3 ppm at 9 ft		10			
B3-11.5/12	11.5 to 12.0 ft	8/14/14, 1:20 PM	2.4 ppm at 12 ft		12			
B3-12.5/13	12.5 to 13.0 ft	8/14/14, 1:30 PM					CL/ML	SANDY SILTY LEAN CLAY (CL/ML): Dark yellowish brown, silty and clayey matrix with fine-grained sand, very stiff to hard, damp
			1.8 ppm at 14 ft		14			
			2.8 ppm at 16 ft		16		CL	GRAVELLY LEAN CLAY WITH SAND (CL): Dark yellowish brown, with mainly fine-grained sand, very stiff to hard, damp
			4.1 ppm at 17 ft				SC	CLAYEY SAND WITH GRAVEL (SC): Dark yellowish brown, with fine- to coarse-grained sand, very dense, dry to damp
			2.3 ppm at 18.5 ft		18			
			2.0 ppm at 20 ft		20			
B3-22/22.5	22.0 to 22.5 ft	8/14/14, 1:40 PM	0.0 ppm at 22.5 to 23 ft		22		GC	CLAYEY GRAVEL WITH SAND (GC): Dark yellowish brown, with fine- to coarse-grained sand, very dense, damp
							CL	GRAVELLY LEAN CLAY WITH SAND (CL): Dark yellowish brown, very stiff, damp to moist
			0.0 ppm at 24 ft		24		GC	CLAYEY GRAVEL WITH SAND (GC): Dark yellowish brown, with fine- to coarse-grained sand, weathered gravel-sized rock particulates noted, variable clayey matrix to gravel, dense, damp
					26		CL	SANDY LEAN CLAY (CL): Dark yellowish brown, with fine-grained sand, traces of medium- to coarse-grained sand, low plasticity, stiff to very stiff, damp
			0.0 ppm at 27 ft					
			0.0 ppm at 28.5 to 29 ft		28		ML	SANDY SILT (ML): Dark brown, with fine-grained sand, hard, dry
			0.0 ppm at 30 ft		30		CL	SANDY LEAN CLAY TO LEAN CLAY WITH SAND (CL): Dark yellowish brown mixture of clay, silt, and fine-grained sand, low plasticity, very stiff, damp to moist
B3-31/31.5	31.0 to 31.5 ft	8/14/14, 2:00 PM	0.0 ppm at 31 ft		32			END OF BOREHOLE AT 32 FEET BELOW GROUND SURFACE

LOG OF BORING B-3 (CONTINUATION)

Site:	988 Howard Avenue, Burlingame, California	Drill Date:	August 14, 2014	
Project:	988 Howard	Drill Times:	12:45 to 2:00 PM	
Driller:	Environmental Control Associates, Inc. (C57 #695970)	Hole Depth:	32 feet below ground surface, feet bgs	
Drill Rig:	Truck-mounted Geoprobe™ 6600 rig	Logged By:	Paul Studemeister, CEG 1746	

NOTES:

The boring was completed with the use of direct-push Geoprobe™ equipment with dual-wall casing and continuous soil sampling capability. Discrete soil samples were collected with laboratory-supplied, dedicated, single-use TerraCore® syringes (5-gram capacity) and placed into 40-ml volatile organic analysis vials (VOAs). Soil cores were also collected, sealing the ends of each acetate liner with teflon sheets and plastic end caps. After advancing the boring to 32 feet depth, the down-hole drill casing was raised to 20 feet depth to maintain a seal above 20 feet depth, the inner drill casing was removed to expose the borehole sidewall from 20 to 32 feet depth, and then temporary polyvinyl chloride casing (PVC) of 0.75-inch diameter was installed and set at 32-feet depth. The bottom 15-feet of the PVC casing was screened casing; the remainder was solid PVC casing. Depth-to-water was monitored with an electronic water level meter. However, no free groundwater was encountered and the boring remained dry up to 6:00 PM, 08/14/14 when backfilling was completed. No groundwater sample was recovered from the boring. The PVC casing was removed and the borehole backfilled with neat cement up to the ground surface.

LOG OF VAPOR PROBE SV-1

Site:	988 Howard Avenue, Burlingame, California	Drill Date:	August 14, 2014	<i>Paul Studemeister</i>
Project:	988 Howard	Drill Times:	9:00 to 10:00 AM	
Driller:	Environmental Control Associates, Inc. (C57 #695970)	Hole Depth:	2.38 feet below ground surface, feet bgs	
Drill Rig:	Hand-operated auger	Logged By:	Paul Studemeister, CEG 1746	

Sample Label	Sample Depth (feet bgs)	Date & Time	PID (ppmv)	Soil Vapor Probe	Depth (feet bgs)	Sample Interval	USCS	Description
					0			Finished surface of concrete slab-on-grade
					0.5		SLAB	Concrete (7-inches thick) and subbase of loose, fine- to medium-grained sand with gravel (SP), moist from concrete coring. Wire mesh embedded in concrete was noted at 6.5 inches below the finished surface. Clear plastic sheeting was noted at the base of the concrete subbase.
			5.3 ppm at 0.75 ft		1		GP	POORLY GRADED GRAVEL WITH SAND (GP): Dark grayish brown, crushed rock mixture of gravel and sand, with fine- to coarse-grained sand, minor amounts of silty fines, concrete particulates noted, medium dense, dry
			12.7 ppm at 1.25 to 2 ft		1.5			
			10.9 ppm at 2 to 2.38 ft		2			
SV1-1.5/2	2.0 to 2.38 ft	8/14/14, 10:00 AM			2.5			END OF BOREHOLE AT 2.38 FEET BELOW GROUND SURFACE
					3			NOTES: Concrete coring equipment was used to core a 4-inch diameter hole through the concrete slab-on-grade. The boring was completed with a hand-operated auger. Refusal was encountered at 2.38 feet depth; the boring could not be advanced deeper. A discrete soil sample (SV1-1.5/2) was collected from 1.5 to 2.0 ft below the base of the concrete using a laboratory-supplied, single-use TerraCore® syringe (5-gram capacity) and placed into 40-ml volatile organic analysis vials (VOAs). Soil was also collected into an acetate liner, the ends sealed with teflon sheets and plastic end caps. No groundwater was encountered in the boring. After drilling and soil sampling, hydroflow tubing (1/4-inch diameter) with a vapor tip attached to the bottom end was set at 1.88 ft depth in an annular sand pack approximately 1 ft thick. Approximately 0.5 ft of bentonite pellets was placed in the annular space above the sand pack followed by hydrated bentonite up to the top surface. A valve was attached to the top end of the tubing. The vapor probe was protected with a cone.
					3.5			
					4			
					4.5			
					5			
					5.5			
					6			

LOG OF VAPOR PROBE SV-2

Site:	988 Howard Avenue, Burlingame, California	Drill Date:	August 14, 2014	<i>Paul Studemeister</i>
Project:	988 Howard	Drill Times:	10:00 to 10:45 AM	
Driller:	Environmental Control Associates, Inc. (C57 #695970)	Hole Depth:	5.13 feet below ground surface, feet bgs	
Drill Rig:	Hand-operated auger	Logged By:	Paul Studemeister, CEG 1746	

Sample Label	Sample Depth (feet bgs)	Date & Time	PID (ppmv)	Soil Vapor Probe	Depth (feet bgs)	Sample Interval	USCS	Description
					0			Finished surface of concrete slab-on-grade
					0.5		SLAB	Concrete (6-inches thick) and subbase of loose, brown, fine- to medium-grained sand with gravel (SP), moist from concrete coring. Wire mesh embedded in concrete was noted at 4.75 inches below the finished surface. Clear plastic was noted along the base of the concrete subbase material.
			0.4 ppm at 0.5 to 1.5 ft		1		GP	POORLY GRADED GRAVEL WITH SAND (GP): Dark grayish brown, mixture of crushed rock, concrete and asphalt particulates, medium dense, dry
					1.5		SM	SILTY SAND WITH GRAVEL (SM): Dark grayish brown, with fine- to coarse-grained sand, medium dense, dry
			0.4 ppm at 1.5 to 2.5 ft		2			
					2.5			
			0.5 ppm at 2.5 to 3.5 ft		3			
					3.5		GM	SILTY GRAVEL WITH SAND (GM): Dark yellowish brown, with fine- to coarse-grained sand, medium dense, dry
			0.4 ppm at 3.5 to 4.5 ft		4			
					4.5			
SV-2	4.63 to 5.13 ft	8/14/14, 10:45 AM	3.3 ppm at 5 ft		5			
					5.5			END OF BOREHOLE AT 5.13 FEET BELOW GROUND SURFACE
					6			NOTES:
					6.5			Concrete coring equipment was used to core a 4-inch diameter hole through the concrete slab-on-grade. The boring was completed with a hand-operated auger. A discrete soil sample (SV-2) was collected from 4.63 to 5.13 ft depth using a laboratory-supplied, single-use TerraCore® syringe (5-gram capacity) and placed into 40-ml volatile organic analysis vials (VOAs). Soil was also collected into an acetate liner, sealing the ends with teflon sheets and plastic end caps. No groundwater was encountered in the boring. After drilling and soil sampling, hydroflow tubing (1/4-inch diameter) with a vapor tip attached to the bottom end was set at 4.63 ft depth in an annular sand pack approximately 1 ft thick. Approximately 1 ft of bentonite pellets was placed in the annular space above the sand pack followed by hydrated bentonite up to the top surface. A valve was attached to the top end of the tubing. The vapor probe was protected with a plastic cone.
					7			
					7.5			

LOG OF VAPOR PROBE SV-3

Site: 988 Howard Avenue, Burlingame, California **Drill Date:** August 14, 2014 *Paul Staudt*
Project: 988 Howard **Drill Times:** 10:45 to 11:10 AM
Driller: Environmental Control Associates, Inc. (C57 #695970) **Hole Depth:** 5.25 feet below ground surface, feet bgs
Drill Rig: Hand-operated auger **Logged By:** Paul Studemeister, CEG 1746

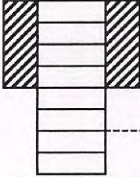
Sample Label	Sample Depth (feet bgs)	Date & Time	PID (ppmv)	Soil Vapor Probe	Depth (feet bgs)	Sample Interval	USCS	Description
					0			Finished surface of concrete slab-on-grade
					0.5		SLAB	Concrete (4-inches thick) and subbase of loose, brown, fine- to medium-grained sand and gravel (SP), moist from concrete coring. Wire mesh embedded in concrete was noted at 2.5 inches below the finished surface.
			0.3 ppm at 0.75 to 1.5 ft		1		GP	POORLY GRADED GRAVEL WITH SAND (GP): Dark grayish brown, mixture of crushed rock and some concrete and asphalt particulates, medium dense, dry
			0.1 ppm at 1.5 to 2.5 ft		1.5		GP	POORLY GRADED GRAVEL WITH SAND (GP): Dark yellowish brown to dark brown, with fine- to coarse-grained sand, minor amounts of silt, medium dense, dry
			0.3 ppm at 2.5 to 3.5 ft		2			
					2.5			
					3			
			0.5 ppm at 3.5 to 4.5 ft		3.5		SM	SILTY SAND WITH GRAVEL (SM): Dark yellowish brown, with fine- to coarse-grained sand, medium dense, dry
					4			
					4.5			
SV-3	4.75 to 5.25 ft	8/14/14, 11:00 AM	18.1 ppm at 5 ft		5			
					5.5			END OF BOREHOLE AT 5.25 FEET BELOW GROUND SURFACE
					6			NOTES: Concrete coring equipment was used to core a 4-inch diameter hole through the concrete slab-on-grade. A steel pipe (electrical suspected), embedded in fill, was noted below the concrete and subbase at 1.25 ft depth. The boring was completed with a hand-operated auger. A discrete soil sample (SV-3) was collected from 4.75 to 5.25 ft depth using a laboratory-supplied, single-use TerraCore® syringe (5-gram capacity) and placed into 40-ml volatile organic analysis vials (VOAs). Soil was also collected into an acetate liner, sealing the ends with teflon sheets and plastic end caps. No groundwater was encountered in the boring. After drilling and soil sampling, hydroflow tubing (1/4-inch diameter) with a vapor tip attached to the bottom end was set at 4.75 ft depth in an annular sand pack approximately 1 ft thick. Approximately 1 ft of bentonite pellets was placed in the annular space above the sand pack followed by hydrated bentonite up to the top surface. A valve was attached to the top end of the tubing. The vapor probe was protected with a plastic cone.
					6.5			
					7			
					7.5			

BORING AND VAPOR PROBE CONSTRUCTION KEY

LOG SYMBOLS	DESCRIPTION
	Geological contact, approximate
 8/14/14, 2:00 PM	Depth-to-water with date and time of measurement
Field PID	Field screening of soil for total volatile organics (TVOs in parts per million by volume, ppmv) measured with a portable photo-ionization detector (PID).

SOIL SAMPLING	DESCRIPTION
	Soil sample retained for possible laboratory analyses
	Soil core retrieved for field inspection

SAMPLE LABEL	DESCRIPTION
B1-12.5/13	Soil Sample "B1-12.5/13" was taken from 12.5 to 13.0 feet depth interval from Boring B-1

LOG	DESCRIPTION
	Outer drill steel casing Screened Schedule 40 PVC casing

VAPOR PROBE CONSTRUCTION SCHEMATIC	
LOG	DESCRIPTION
	Valve cap Hydrated bentonite seal Bentonite pellets No. 2/12 sand pack Soil vapor sampling tip at bottom end of tubing

Field Notes

Client: _____
 Facility: Old English Garage
 Address: 288 Howard Avenue, Burlingame
 Weather: _____

Project Number: GEI-36
 Date: 8-18-14

Time	Notes and Description of Activities											Personel:	Ross Tinline
0825	Set up in SV-3 (office area); lead checked from -20.85" Hg; held tight after 10 minutes - 8' 1/4" OD tubing + manifold; (1/4" Nylat low) ~ 43.2 mL From DTSC document purge volume calculations Dry Bentonite DBT x BLV = DBT x 820 if 3/4" hole = 1 x 820 = 820 mL SV = ST x BLV = ST x 660 for 3/4" bore = 1 x 660 = 660 mL 1 pore volume = 1523 mL 3 pore volumes = 4569 mL which would result in 22.8" Hg vac loss in 6L summa used for purging.												
0851	Began purge from -29.28" Hg with target of -6.43" Hg < 1" back vac during purge. Completed @ 0920												
0922	Placed 10 bags IPA in shroud & began sampling from -29.14												
Time	0923	0924	0925	926	927	928							
"Hg	25.6	22.4	20.1	17.5	14.8	12.7	10.9	9.0	7.5	6.3	5.4	4.70	< 1" Hg back vac
ppmv	2.1	2.4	5.1	8.5	11.8	8.0	11.4	11.3	12.6	14.1	17.8	13.9	End.
0940	Set up sorbent tube on closed swagelok valve; lead checked by pulling syringe multiple times: Removed 4 x 50 mL pulls or 200 mL over 3 minutes.												
1032	Set up at SV-1 and lead checked from -16.47" Hg. Held tight after 10 minutes to -16.42" Hg 4 1/2' tubing + manifold = 24.3 mL DBV = 0.5' x 820 = 410 mL SV = 1' x 660 = 660 mL Total 1 pore volume = 1094 mL - since probe shallow; 1 pore volume target on reduction is 6L summa of 5.47" Hg Began purge from -19.05" Hg with target of 13.58" Hg < 2" Hg back vac during purge; completed @ 1039												
1041	Began sampling from -29.16" Hg												
Time	1042	1043	1044	1045	1046	1047							
	26.1	23.6	20.8	17.3	15.3	13.4	11.7	9.8	8.3	7.1	6.0	4.83	< 2" back vac
	2.8	3.4	5.0	5.5	4.8	5.3	5.6	5.6	5.8	6.0	6.5	6.9	

Field Notes

Client: _____
Facility: _____
Address: 988 Howard Ave
Weather: _____

Project Number: GEI-36
Date: 8-18-14

Time	Notes and Description of Activities	Personel:	Ross Tinline
1056	Set up sorbent tube on swagelok of SV-1 and leak checked by pulling syringe. Pulled 4x50mL over 3 minutes Note: probe is shallow and very near concrete crack.		
1123	Set up SV-2 after replacing over 1 foot of bentonite slurry that had dropped in the borehole. Leak checked @ 17.77"Hg; held tight after 10 minutes. to -17 Purge volume same as SV-1 or 1523 mL for 1 pore volume.		
1133	Began purge from -18.85 with target 2 pore volumes due to large purge volume & limit of vac in GL; on target of 3.62"Hg; completed @ 1202. with <1"Hg back vac.		
1212	Placed 10 drops TPA in shroud & began sampling from -29.28"		
Time	1213 1214 1215 1216 1217 1218		
	26.3 23.7 21.0 18.0 16.0 13.6 11.7 10.0 8.4 6.7 5.8 4.95		<1" back vac.
	1.8 1.1 1.3 2.1 2.6 5.0 5.7 7.3 8.8 11.2 13.0 13.3		
1227	Set up sorbent tube @ SV-2 & leak checked by pulling syringe; drew 200mL vapor thru sorbent over 3 minutes.		



*Phase II Environmental Site Assessment
988 Howard Avenue, Burlingame, California*

APPENDIX C

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pleasanton

1220 Quarry Lane

Pleasanton, CA 94566

Tel: (925)484-1919

TestAmerica Job ID: 720-59301-1

Client Project/Site: 988 Howard

For:

Green Environment Inc

PO BOX 7138

San Carlos, California 94070

Attn: Mr. Mark Green



Authorized for release by:

8/22/2014 12:14:48 PM

Afsaneh Salimpour, Senior Project Manager

afsaneh.salimpour@testamericainc.com

Designee for

Dimple Sharma, Senior Project Manager

(925)484-1919

dimple.sharma@testamericainc.com

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Job ID: 720-59301-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-59301-1

Comments

No additional comments.

Receipt

The samples were received on 8/14/2014 6:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 4.1° C and 5.2° C.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

Method(s) 6010B: The following sample(s) was diluted due to the abundance of non-target analyte Fe: B3-22/22.5 (720-59301-20), B3-31/31.5 (720-59301-21). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job ID: 720-59301-2

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-59301-2

Comments

No additional comments.

Receipt

The samples were received on 8/14/2014 6:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 4.1° C and 5.2° C.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

Method(s) 6010B: The following sample(s) was diluted due to the abundance of non-target analyte Fe: B1-12.5/13 (720-59301-5), B2-12.5/13 (720-59301-13), B2-20.5/21 (720-59301-14). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Case Narrative

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Job ID: 720-59301-2 (Continued)

Laboratory: TestAmerica Pleasanton (Continued)

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B1-12.5/13

Lab Sample ID: 720-59301-5

No Detections.

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	7.1		1.1		mg/Kg	1	☼	8015B	Silica Gel Cleanup
Chromium	120		2.2		mg/Kg	4	☼	6010B	Total/NA
Nickel	100		2.2		mg/Kg	4	☼	6010B	Total/NA
Lead	2.6		2.2		mg/Kg	4	☼	6010B	Total/NA
Zinc	52		6.6		mg/Kg	4	☼	6010B	Total/NA

Client Sample ID: B2-12.5/13

Lab Sample ID: 720-59301-13

No Detections.

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	120		1.9		mg/Kg	4	☼	6010B	Total/NA
Nickel	100		1.9		mg/Kg	4	☼	6010B	Total/NA
Zinc	48		5.7		mg/Kg	4	☼	6010B	Total/NA

Client Sample ID: B2-20.5/21

Lab Sample ID: 720-59301-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	51		41		ug/Kg	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO)	290		210		ug/Kg	1		8260B/CA_LUFT MS	Total/NA
-C5-C12									
Chromium	95		2.1		mg/Kg	4	☼	6010B	Total/NA
Nickel	96		2.1		mg/Kg	4	☼	6010B	Total/NA
Lead	3.2		2.1		mg/Kg	4	☼	6010B	Total/NA
Zinc	44		6.3		mg/Kg	4	☼	6010B	Total/NA

Client Sample ID: B3-22/22.5

Lab Sample ID: 720-59301-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	110		2.1		mg/Kg	4	☼	6010B	Total/NA
Nickel	100		2.1		mg/Kg	4	☼	6010B	Total/NA
Lead	2.8		2.1		mg/Kg	4	☼	6010B	Total/NA
Zinc	51		6.2		mg/Kg	4	☼	6010B	Total/NA

Client Sample ID: B3-31/31.5

Lab Sample ID: 720-59301-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	120		2.4		mg/Kg	4	☼	6010B	Total/NA
Nickel	180		2.4		mg/Kg	4	☼	6010B	Total/NA
Lead	4.1		2.4		mg/Kg	4	☼	6010B	Total/NA
Zinc	54		7.1		mg/Kg	4	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B1-12.5/13

Lab Sample ID: 720-59301-5

Date Collected: 08/14/14 08:25

Matrix: Solid

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Acetone	ND		37		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Benzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Dichlorobromomethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Bromobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Chlorobromomethane	ND		15		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Bromoform	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Bromomethane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
2-Butanone (MEK)	ND		37		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
n-Butylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
sec-Butylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
tert-Butylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Carbon disulfide	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Carbon tetrachloride	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Chlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Chloroethane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Chloroform	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Chloromethane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
2-Chlorotoluene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
4-Chlorotoluene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Chlorodibromomethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,2-Dichlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,3-Dichlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,4-Dichlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,3-Dichloropropane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,1-Dichloropropene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,2-Dibromo-3-Chloropropane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Ethylene Dibromide	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Dibromomethane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Dichlorodifluoromethane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,1-Dichloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,2-Dichloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,1-Dichloroethene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,2-Dichloropropane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
trans-1,3-Dichloropropene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Ethylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Hexachlorobutadiene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
2-Hexanone	ND		37		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Isopropylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
4-Isopropyltoluene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Methylene Chloride	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
4-Methyl-2-pentanone (MIBK)	ND		37		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Naphthalene	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
N-Propylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Styrene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B1-12.5/13

Lab Sample ID: 720-59301-5

Date Collected: 08/14/14 08:25

Matrix: Solid

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Tetrachloroethene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Toluene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,2,3-Trichlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,2,4-Trichlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Trichloroethene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Trichlorofluoromethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,2,3-Trichloropropane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,2,4-Trimethylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
1,3,5-Trimethylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Vinyl acetate	ND		15		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Vinyl chloride	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Xylenes, Total	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
2,2-Dichloropropane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
Gasoline Range Organics (GRO)	ND		180		ug/Kg		08/14/14 21:30	08/18/14 21:14	1
-C5-C12									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131				08/14/14 21:30	08/18/14 21:14	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140				08/14/14 21:30	08/18/14 21:14	1
Toluene-d8 (Surr)	94		58 - 140				08/14/14 21:30	08/18/14 21:14	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	7.1		1.1		mg/Kg	☼	08/18/14 14:31	08/20/14 22:13	1
Motor Oil Range Organics [C24-C36]	ND		55		mg/Kg	☼	08/18/14 14:31	08/20/14 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0		0 - 1				08/18/14 14:31	08/20/14 22:13	1
p-Terphenyl	77		38 - 148				08/18/14 14:31	08/20/14 22:13	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.55		mg/Kg	☼	08/18/14 18:05	08/19/14 17:35	4
Chromium	120		2.2		mg/Kg	☼	08/18/14 18:05	08/19/14 17:35	4
Nickel	100		2.2		mg/Kg	☼	08/18/14 18:05	08/19/14 17:35	4
Lead	2.6		2.2		mg/Kg	☼	08/18/14 18:05	08/19/14 17:35	4
Zinc	52		6.6		mg/Kg	☼	08/18/14 18:05	08/19/14 17:35	4

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B2-12.5/13

Lab Sample ID: 720-59301-13

Date Collected: 08/14/14 11:00

Matrix: Solid

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Acetone	ND		48		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Benzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Dichlorobromomethane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Bromobenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Chlorobromomethane	ND		19		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Bromoform	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Bromomethane	ND		9.5		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
2-Butanone (MEK)	ND		48		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
n-Butylbenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
sec-Butylbenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
tert-Butylbenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Carbon disulfide	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Carbon tetrachloride	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Chlorobenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Chloroethane	ND		9.5		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Chloroform	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Chloromethane	ND		9.5		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
2-Chlorotoluene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
4-Chlorotoluene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Chlorodibromomethane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,3-Dichloropropane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,1-Dichloropropene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,2-Dibromo-3-Chloropropane	ND		9.5		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Ethylene Dibromide	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Dibromomethane	ND		9.5		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Dichlorodifluoromethane	ND		9.5		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,1-Dichloroethane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,2-Dichloroethane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,1-Dichloroethene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,2-Dichloropropane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Ethylbenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Hexachlorobutadiene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
2-Hexanone	ND		48		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Isopropylbenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
4-Isopropyltoluene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Methylene Chloride	ND		9.5		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Naphthalene	ND		9.5		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
N-Propylbenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Styrene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B2-12.5/13

Lab Sample ID: 720-59301-13

Date Collected: 08/14/14 11:00

Matrix: Solid

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Tetrachloroethene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Toluene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Trichloroethene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Trichlorofluoromethane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Vinyl acetate	ND		19		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Vinyl chloride	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Xylenes, Total	ND		9.5		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
2,2-Dichloropropane	ND		4.8		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
Gasoline Range Organics (GRO)	ND		240		ug/Kg		08/14/14 21:30	08/18/14 21:43	1
-C5-C12									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		45 - 131	08/14/14 21:30	08/18/14 21:43	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 140	08/14/14 21:30	08/18/14 21:43	1
Toluene-d8 (Surr)	96		58 - 140	08/14/14 21:30	08/18/14 21:43	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.1		mg/Kg	☼	08/18/14 14:31	08/20/14 22:43	1
Motor Oil Range Organics [C24-C36]	ND		53		mg/Kg	☼	08/18/14 14:31	08/20/14 22:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.01		0 - 1	08/18/14 14:31	08/20/14 22:43	1
p-Terphenyl	92		38 - 148	08/18/14 14:31	08/20/14 22:43	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.47		mg/Kg	☼	08/18/14 18:05	08/19/14 17:40	4
Chromium	120		1.9		mg/Kg	☼	08/18/14 18:05	08/19/14 17:40	4
Nickel	100		1.9		mg/Kg	☼	08/18/14 18:05	08/19/14 17:40	4
Lead	ND		1.9		mg/Kg	☼	08/18/14 18:05	08/19/14 17:40	4
Zinc	48		5.7		mg/Kg	☼	08/18/14 18:05	08/19/14 17:40	4

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B2-20.5/21

Lab Sample ID: 720-59301-14

Date Collected: 08/14/14 11:10

Matrix: Solid

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Acetone	51		41		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Benzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Dichlorobromomethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Bromobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Chlorobromomethane	ND		17		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Bromoform	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Bromomethane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
2-Butanone (MEK)	ND		41		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
n-Butylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
sec-Butylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
tert-Butylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Carbon disulfide	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Carbon tetrachloride	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Chlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Chloroethane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Chloroform	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Chloromethane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
2-Chlorotoluene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
4-Chlorotoluene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Chlorodibromomethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,2-Dichlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,3-Dichlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,4-Dichlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,3-Dichloropropane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,1-Dichloropropene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,2-Dibromo-3-Chloropropane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Ethylene Dibromide	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Dibromomethane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Dichlorodifluoromethane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,1-Dichloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,2-Dichloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,1-Dichloroethene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
cis-1,2-Dichloroethene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
trans-1,2-Dichloroethene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,2-Dichloropropane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
cis-1,3-Dichloropropene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
trans-1,3-Dichloropropene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Ethylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Hexachlorobutadiene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
2-Hexanone	ND		41		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Isopropylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
4-Isopropyltoluene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Methylene Chloride	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
4-Methyl-2-pentanone (MIBK)	ND		41		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Naphthalene	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
N-Propylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Styrene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,1,1,2-Tetrachloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B2-20.5/21

Lab Sample ID: 720-59301-14

Date Collected: 08/14/14 11:10

Matrix: Solid

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Tetrachloroethene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Toluene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,2,3-Trichlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,2,4-Trichlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,1,1-Trichloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,1,2-Trichloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Trichloroethene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Trichlorofluoromethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,2,3-Trichloropropane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,2,4-Trimethylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
1,3,5-Trimethylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Vinyl acetate	ND		17		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Vinyl chloride	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Xylenes, Total	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
2,2-Dichloropropane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
Gasoline Range Organics (GRO)	290		210		ug/Kg		08/14/14 21:30	08/18/14 22:12	1
-C5-C12									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		45 - 131	08/14/14 21:30	08/18/14 22:12	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140	08/14/14 21:30	08/18/14 22:12	1
Toluene-d8 (Surr)	96		58 - 140	08/14/14 21:30	08/18/14 22:12	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.2		mg/Kg	☼	08/18/14 14:31	08/20/14 22:43	1
Motor Oil Range Organics [C24-C36]	ND		58		mg/Kg	☼	08/18/14 14:31	08/20/14 22:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.01		0 - 1	08/18/14 14:31	08/20/14 22:43	1
p-Terphenyl	83		38 - 148	08/18/14 14:31	08/20/14 22:43	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.52		mg/Kg	☼	08/18/14 18:05	08/19/14 17:45	4
Chromium	95		2.1		mg/Kg	☼	08/18/14 18:05	08/19/14 17:45	4
Nickel	96		2.1		mg/Kg	☼	08/18/14 18:05	08/19/14 17:45	4
Lead	3.2		2.1		mg/Kg	☼	08/18/14 18:05	08/19/14 17:45	4
Zinc	44		6.3		mg/Kg	☼	08/18/14 18:05	08/19/14 17:45	4

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B3-22/22.5

Lab Sample ID: 720-59301-20

Date Collected: 08/14/14 13:40

Matrix: Solid

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Acetone	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Benzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Dichlorobromomethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Bromobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Chlorobromomethane	ND		17		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Bromoform	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Bromomethane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
2-Butanone (MEK)	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
n-Butylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
sec-Butylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
tert-Butylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Carbon disulfide	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Carbon tetrachloride	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Chlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Chloroethane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Chloroform	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Chloromethane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
2-Chlorotoluene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
4-Chlorotoluene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Chlorodibromomethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,2-Dichlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,3-Dichlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,4-Dichlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,3-Dichloropropane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,1-Dichloropropene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,2-Dibromo-3-Chloropropane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Ethylene Dibromide	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Dibromomethane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Dichlorodifluoromethane	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,1-Dichloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,2-Dichloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,1-Dichloroethene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
cis-1,2-Dichloroethene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
trans-1,2-Dichloroethene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,2-Dichloropropane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
cis-1,3-Dichloropropene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
trans-1,3-Dichloropropene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Ethylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Hexachlorobutadiene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
2-Hexanone	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Isopropylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
4-Isopropyltoluene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Methylene Chloride	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
4-Methyl-2-pentanone (MIBK)	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Naphthalene	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
N-Propylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Styrene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,1,1,2-Tetrachloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B3-22/22.5

Lab Sample ID: 720-59301-20

Date Collected: 08/14/14 13:40

Matrix: Solid

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Tetrachloroethene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Toluene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,2,3-Trichlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,2,4-Trichlorobenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,1,1-Trichloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,1,2-Trichloroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Trichloroethene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Trichlorofluoromethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,2,3-Trichloropropane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,2,4-Trimethylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
1,3,5-Trimethylbenzene	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Vinyl acetate	ND		17		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Vinyl chloride	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Xylenes, Total	ND		8.3		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
2,2-Dichloropropane	ND		4.1		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
Gasoline Range Organics (GRO)	ND		210		ug/Kg		08/14/14 21:30	08/18/14 12:42	1
-C5-C12									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		45 - 131				08/14/14 21:30	08/18/14 12:42	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140				08/14/14 21:30	08/18/14 12:42	1
Toluene-d8 (Surr)	99		58 - 140				08/14/14 21:30	08/18/14 12:42	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.2		mg/Kg	☼	08/18/14 14:31	08/20/14 23:12	1
Motor Oil Range Organics [C24-C36]	ND		59		mg/Kg	☼	08/18/14 14:31	08/20/14 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.009		0 - 1				08/18/14 14:31	08/20/14 23:12	1
p-Terphenyl	85		38 - 148				08/18/14 14:31	08/20/14 23:12	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.52		mg/Kg	☼	08/18/14 18:05	08/19/14 17:11	4
Chromium	110		2.1		mg/Kg	☼	08/18/14 18:05	08/19/14 17:11	4
Nickel	100		2.1		mg/Kg	☼	08/18/14 18:05	08/19/14 17:11	4
Lead	2.8		2.1		mg/Kg	☼	08/18/14 18:05	08/19/14 17:11	4
Zinc	51		6.2		mg/Kg	☼	08/18/14 18:05	08/19/14 17:11	4

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B3-31/31.5

Lab Sample ID: 720-59301-21

Date Collected: 08/14/14 14:00

Matrix: Solid

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Acetone	ND		37		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Benzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Dichlorobromomethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Bromobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Chlorobromomethane	ND		15		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Bromoform	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Bromomethane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
2-Butanone (MEK)	ND		37		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
n-Butylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
sec-Butylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
tert-Butylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Carbon disulfide	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Carbon tetrachloride	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Chlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Chloroethane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Chloroform	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Chloromethane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
2-Chlorotoluene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
4-Chlorotoluene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Chlorodibromomethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,2-Dichlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,3-Dichlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,4-Dichlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,3-Dichloropropane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,1-Dichloropropene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,2-Dibromo-3-Chloropropane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Ethylene Dibromide	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Dibromomethane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Dichlorodifluoromethane	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,1-Dichloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,2-Dichloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,1-Dichloroethene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,2-Dichloropropane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
trans-1,3-Dichloropropene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Ethylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Hexachlorobutadiene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
2-Hexanone	ND		37		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Isopropylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
4-Isopropyltoluene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Methylene Chloride	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
4-Methyl-2-pentanone (MIBK)	ND		37		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Naphthalene	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
N-Propylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Styrene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B3-31/31.5

Lab Sample ID: 720-59301-21

Date Collected: 08/14/14 14:00

Matrix: Solid

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Tetrachloroethene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Toluene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,2,3-Trichlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,2,4-Trichlorobenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Trichloroethene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Trichlorofluoromethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,2,3-Trichloropropane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,2,4-Trimethylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
1,3,5-Trimethylbenzene	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Vinyl acetate	ND		15		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Vinyl chloride	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Xylenes, Total	ND		7.3		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
2,2-Dichloropropane	ND		3.7		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
Gasoline Range Organics (GRO)	ND		180		ug/Kg		08/14/14 21:30	08/18/14 13:11	1
-C5-C12									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		45 - 131	08/14/14 21:30	08/18/14 13:11	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140	08/14/14 21:30	08/18/14 13:11	1
Toluene-d8 (Surr)	97		58 - 140	08/14/14 21:30	08/18/14 13:11	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.2		mg/Kg	☼	08/18/14 14:31	08/20/14 23:12	1
Motor Oil Range Organics [C24-C36]	ND		60		mg/Kg	☼	08/18/14 14:31	08/20/14 23:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.004		0 - 1	08/18/14 14:31	08/20/14 23:12	1
p-Terphenyl	91		38 - 148	08/18/14 14:31	08/20/14 23:12	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.59		mg/Kg	☼	08/18/14 18:05	08/19/14 17:16	4
Chromium	120		2.4		mg/Kg	☼	08/18/14 18:05	08/19/14 17:16	4
Nickel	180		2.4		mg/Kg	☼	08/18/14 18:05	08/19/14 17:16	4
Lead	4.1		2.4		mg/Kg	☼	08/18/14 18:05	08/19/14 17:16	4
Zinc	54		7.1		mg/Kg	☼	08/18/14 18:05	08/19/14 17:16	4

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-165101/5

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			08/18/14 09:15	1
Acetone	ND		50		ug/Kg			08/18/14 09:15	1
Benzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Dichlorobromomethane	ND		5.0		ug/Kg			08/18/14 09:15	1
Bromobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Chlorobromomethane	ND		20		ug/Kg			08/18/14 09:15	1
Bromoform	ND		5.0		ug/Kg			08/18/14 09:15	1
Bromomethane	ND		10		ug/Kg			08/18/14 09:15	1
2-Butanone (MEK)	ND		50		ug/Kg			08/18/14 09:15	1
n-Butylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
sec-Butylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
tert-Butylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Carbon disulfide	ND		5.0		ug/Kg			08/18/14 09:15	1
Carbon tetrachloride	ND		5.0		ug/Kg			08/18/14 09:15	1
Chlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Chloroethane	ND		10		ug/Kg			08/18/14 09:15	1
Chloroform	ND		5.0		ug/Kg			08/18/14 09:15	1
Chloromethane	ND		10		ug/Kg			08/18/14 09:15	1
2-Chlorotoluene	ND		5.0		ug/Kg			08/18/14 09:15	1
4-Chlorotoluene	ND		5.0		ug/Kg			08/18/14 09:15	1
Chlorodibromomethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,3-Dichloropropane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1-Dichloropropene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			08/18/14 09:15	1
Ethylene Dibromide	ND		5.0		ug/Kg			08/18/14 09:15	1
Dibromomethane	ND		10		ug/Kg			08/18/14 09:15	1
Dichlorodifluoromethane	ND		10		ug/Kg			08/18/14 09:15	1
1,1-Dichloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2-Dichloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1-Dichloroethene	ND		5.0		ug/Kg			08/18/14 09:15	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			08/18/14 09:15	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2-Dichloropropane	ND		5.0		ug/Kg			08/18/14 09:15	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			08/18/14 09:15	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			08/18/14 09:15	1
Ethylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Hexachlorobutadiene	ND		5.0		ug/Kg			08/18/14 09:15	1
2-Hexanone	ND		50		ug/Kg			08/18/14 09:15	1
Isopropylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
4-Isopropyltoluene	ND		5.0		ug/Kg			08/18/14 09:15	1
Methylene Chloride	ND		10		ug/Kg			08/18/14 09:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			08/18/14 09:15	1
Naphthalene	ND		10		ug/Kg			08/18/14 09:15	1
N-Propylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Styrene	ND		5.0		ug/Kg			08/18/14 09:15	1

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-165101/5

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
Tetrachloroethene	ND		5.0		ug/Kg			08/18/14 09:15	1
Toluene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
Trichloroethene	ND		5.0		ug/Kg			08/18/14 09:15	1
Trichlorofluoromethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Vinyl acetate	ND		20		ug/Kg			08/18/14 09:15	1
Vinyl chloride	ND		5.0		ug/Kg			08/18/14 09:15	1
Xylenes, Total	ND		10		ug/Kg			08/18/14 09:15	1
2,2-Dichloropropane	ND		5.0		ug/Kg			08/18/14 09:15	1
Gasoline Range Organics (GRO)	ND		250		ug/Kg			08/18/14 09:15	1
-C5-C12									

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		45 - 131		08/18/14 09:15	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140		08/18/14 09:15	1
Toluene-d8 (Surr)	97		58 - 140		08/18/14 09:15	1

Lab Sample ID: LCS 720-165101/6

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	56.6		ug/Kg		113	70 - 144
Acetone	250	308		ug/Kg		123	30 - 162
Benzene	50.0	47.9		ug/Kg		96	70 - 130
Dichlorobromomethane	50.0	56.3		ug/Kg		113	70 - 131
Bromobenzene	50.0	47.8		ug/Kg		96	70 - 130
Chlorobromomethane	50.0	52.6		ug/Kg		105	70 - 130
Bromoform	50.0	56.2		ug/Kg		112	59 - 158
Bromomethane	50.0	52.8		ug/Kg		106	59 - 132
2-Butanone (MEK)	250	260		ug/Kg		104	53 - 124
n-Butylbenzene	50.0	45.7		ug/Kg		91	70 - 142
sec-Butylbenzene	50.0	43.7		ug/Kg		87	70 - 136
tert-Butylbenzene	50.0	43.8		ug/Kg		88	70 - 130
Carbon disulfide	50.0	46.3		ug/Kg		93	60 - 140
Carbon tetrachloride	50.0	56.8		ug/Kg		114	70 - 138
Chlorobenzene	50.0	48.7		ug/Kg		97	70 - 130
Chloroethane	50.0	50.3		ug/Kg		101	65 - 130
Chloroform	50.0	52.9		ug/Kg		106	77 - 127

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-165101/6

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	50.0	48.8		ug/Kg		98	55 - 140
2-Chlorotoluene	50.0	46.9		ug/Kg		94	70 - 138
4-Chlorotoluene	50.0	47.1		ug/Kg		94	70 - 136
Chlorodibromomethane	50.0	60.9		ug/Kg		122	70 - 146
1,2-Dichlorobenzene	50.0	48.0		ug/Kg		96	70 - 130
1,3-Dichlorobenzene	50.0	47.1		ug/Kg		94	70 - 131
1,4-Dichlorobenzene	50.0	47.9		ug/Kg		96	70 - 130
1,3-Dichloropropane	50.0	53.3		ug/Kg		107	70 - 140
1,1-Dichloropropene	50.0	53.2		ug/Kg		106	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	51.8		ug/Kg		104	60 - 145
Ethylene Dibromide	50.0	55.2		ug/Kg		110	70 - 140
Dibromomethane	50.0	54.1		ug/Kg		108	70 - 139
Dichlorodifluoromethane	50.0	47.9		ug/Kg		96	37 - 158
1,1-Dichloroethane	50.0	50.0		ug/Kg		100	70 - 130
1,2-Dichloroethane	50.0	53.7		ug/Kg		107	70 - 130
1,1-Dichloroethene	50.0	46.0		ug/Kg		92	76 - 122
cis-1,2-Dichloroethene	50.0	51.5		ug/Kg		103	70 - 138
trans-1,2-Dichloroethene	50.0	49.1		ug/Kg		98	67 - 130
1,2-Dichloropropane	50.0	52.0		ug/Kg		104	73 - 127
cis-1,3-Dichloropropene	50.0	59.3		ug/Kg		119	68 - 147
trans-1,3-Dichloropropene	50.0	67.3		ug/Kg		135	70 - 136
Ethylbenzene	50.0	44.0		ug/Kg		88	80 - 137
Hexachlorobutadiene	50.0	45.3		ug/Kg		91	70 - 132
2-Hexanone	250	262		ug/Kg		105	44 - 133
Isopropylbenzene	50.0	45.8		ug/Kg		92	70 - 130
4-Isopropyltoluene	50.0	45.5		ug/Kg		91	70 - 133
Methylene Chloride	50.0	48.7		ug/Kg		97	70 - 134
4-Methyl-2-pentanone (MIBK)	250	262		ug/Kg		105	60 - 160
Naphthalene	50.0	47.5		ug/Kg		95	60 - 147
N-Propylbenzene	50.0	43.6		ug/Kg		87	70 - 130
Styrene	50.0	49.1		ug/Kg		98	70 - 130
1,1,1,2-Tetrachloroethane	50.0	55.8		ug/Kg		112	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.4		ug/Kg		101	70 - 146
Tetrachloroethene	50.0	49.1		ug/Kg		98	70 - 132
Toluene	50.0	45.9		ug/Kg		92	80 - 128
1,2,3-Trichlorobenzene	50.0	47.5		ug/Kg		95	60 - 140
1,2,4-Trichlorobenzene	50.0	50.4		ug/Kg		101	60 - 140
1,1,1-Trichloroethane	50.0	51.9		ug/Kg		104	70 - 130
1,1,2-Trichloroethane	50.0	53.8		ug/Kg		108	70 - 130
Trichloroethene	50.0	49.3		ug/Kg		99	70 - 133
Trichlorofluoromethane	50.0	57.2		ug/Kg		114	60 - 140
1,2,3-Trichloropropane	50.0	51.5		ug/Kg		103	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.8		ug/Kg		94	60 - 140
1,2,4-Trimethylbenzene	50.0	45.1		ug/Kg		90	70 - 130
1,3,5-Trimethylbenzene	50.0	45.4		ug/Kg		91	70 - 131
Vinyl acetate	50.0	44.0		ug/Kg		88	38 - 176
Vinyl chloride	50.0	49.8		ug/Kg		100	58 - 125

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-165101/6

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	50.0	45.8		ug/Kg		92	70 - 146
o-Xylene	50.0	46.0		ug/Kg		92	70 - 140
2,2-Dichloropropane	50.0	54.4		ug/Kg		109	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		45 - 131
1,2-Dichloroethane-d4 (Surr)	106		60 - 140
Toluene-d8 (Surr)	99		58 - 140

Lab Sample ID: LCS 720-165101/8

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)	1000	1110		ug/Kg		111	61 - 128
-C5-C12							

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		45 - 131
1,2-Dichloroethane-d4 (Surr)	103		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: LCSD 720-165101/7

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	55.2		ug/Kg		110	70 - 144	2	20
Acetone	250	293		ug/Kg		117	30 - 162	5	30
Benzene	50.0	48.5		ug/Kg		97	70 - 130	1	20
Dichlorobromomethane	50.0	55.7		ug/Kg		111	70 - 131	1	20
Bromobenzene	50.0	49.0		ug/Kg		98	70 - 130	3	20
Chlorobromomethane	50.0	51.3		ug/Kg		103	70 - 130	3	20
Bromoform	50.0	55.4		ug/Kg		111	59 - 158	2	20
Bromomethane	50.0	54.0		ug/Kg		108	59 - 132	2	20
2-Butanone (MEK)	250	252		ug/Kg		101	53 - 124	3	20
n-Butylbenzene	50.0	46.6		ug/Kg		93	70 - 142	2	20
sec-Butylbenzene	50.0	44.8		ug/Kg		90	70 - 136	2	20
tert-Butylbenzene	50.0	45.1		ug/Kg		90	70 - 130	3	20
Carbon disulfide	50.0	46.4		ug/Kg		93	60 - 140	0	20
Carbon tetrachloride	50.0	56.2		ug/Kg		112	70 - 138	1	20
Chlorobenzene	50.0	49.0		ug/Kg		98	70 - 130	1	20
Chloroethane	50.0	51.3		ug/Kg		103	65 - 130	2	20
Chloroform	50.0	52.3		ug/Kg		105	77 - 127	1	20
Chloromethane	50.0	50.8		ug/Kg		102	55 - 140	4	20
2-Chlorotoluene	50.0	47.8		ug/Kg		96	70 - 138	2	20
4-Chlorotoluene	50.0	48.0		ug/Kg		96	70 - 136	2	20
Chlorodibromomethane	50.0	59.7		ug/Kg		119	70 - 146	2	20

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-165101/7

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	50.0	48.5		ug/Kg		97	70 - 130	1	20
1,3-Dichlorobenzene	50.0	48.1		ug/Kg		96	70 - 131	2	20
1,4-Dichlorobenzene	50.0	48.7		ug/Kg		97	70 - 130	2	20
1,3-Dichloropropane	50.0	52.5		ug/Kg		105	70 - 140	2	20
1,1-Dichloropropene	50.0	53.2		ug/Kg		106	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	50.0	51.3		ug/Kg		103	60 - 145	1	20
Ethylene Dibromide	50.0	53.4		ug/Kg		107	70 - 140	3	20
Dibromomethane	50.0	53.6		ug/Kg		107	70 - 139	1	20
Dichlorodifluoromethane	50.0	46.8		ug/Kg		94	37 - 158	2	20
1,1-Dichloroethane	50.0	50.9		ug/Kg		102	70 - 130	2	20
1,2-Dichloroethane	50.0	52.0		ug/Kg		104	70 - 130	3	20
1,1-Dichloroethene	50.0	46.2		ug/Kg		92	76 - 122	0	20
cis-1,2-Dichloroethene	50.0	51.2		ug/Kg		102	70 - 138	1	20
trans-1,2-Dichloroethene	50.0	49.2		ug/Kg		98	67 - 130	0	20
1,2-Dichloropropane	50.0	51.4		ug/Kg		103	73 - 127	1	20
cis-1,3-Dichloropropene	50.0	58.8		ug/Kg		118	68 - 147	1	20
trans-1,3-Dichloropropene	50.0	65.5		ug/Kg		131	70 - 136	3	20
Ethylbenzene	50.0	44.7		ug/Kg		89	80 - 137	2	20
Hexachlorobutadiene	50.0	46.6		ug/Kg		93	70 - 132	3	20
2-Hexanone	250	248		ug/Kg		99	44 - 133	5	20
Isopropylbenzene	50.0	46.4		ug/Kg		93	70 - 130	1	20
4-Isopropyltoluene	50.0	48.2		ug/Kg		96	70 - 133	6	20
Methylene Chloride	50.0	48.6		ug/Kg		97	70 - 134	0	20
4-Methyl-2-pentanone (MIBK)	250	253		ug/Kg		101	60 - 160	4	20
Naphthalene	50.0	47.9		ug/Kg		96	60 - 147	1	20
N-Propylbenzene	50.0	45.1		ug/Kg		90	70 - 130	3	20
Styrene	50.0	49.8		ug/Kg		100	70 - 130	1	20
1,1,1,2-Tetrachloroethane	50.0	56.5		ug/Kg		113	70 - 130	1	20
1,1,1,2,2-Tetrachloroethane	50.0	49.9		ug/Kg		100	70 - 146	1	20
Tetrachloroethene	50.0	49.3		ug/Kg		99	70 - 132	0	20
Toluene	50.0	46.6		ug/Kg		93	80 - 128	1	20
1,2,3-Trichlorobenzene	50.0	49.0		ug/Kg		98	60 - 140	3	20
1,2,4-Trichlorobenzene	50.0	51.2		ug/Kg		102	60 - 140	2	20
1,1,1-Trichloroethane	50.0	51.2		ug/Kg		102	70 - 130	1	20
1,1,2-Trichloroethane	50.0	52.3		ug/Kg		105	70 - 130	3	20
Trichloroethene	50.0	49.7		ug/Kg		99	70 - 133	1	20
Trichlorofluoromethane	50.0	56.5		ug/Kg		113	60 - 140	1	20
1,2,3-Trichloropropane	50.0	50.1		ug/Kg		100	70 - 146	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.5		ug/Kg		93	60 - 140	1	20
1,2,4-Trimethylbenzene	50.0	46.1		ug/Kg		92	70 - 130	2	20
1,3,5-Trimethylbenzene	50.0	46.5		ug/Kg		93	70 - 131	2	20
Vinyl acetate	50.0	43.1		ug/Kg		86	38 - 176	2	20
Vinyl chloride	50.0	51.0		ug/Kg		102	58 - 125	2	20
m-Xylene & p-Xylene	50.0	46.5		ug/Kg		93	70 - 146	2	20
o-Xylene	50.0	46.7		ug/Kg		93	70 - 140	2	20
2,2-Dichloropropane	50.0	54.6		ug/Kg		109	70 - 162	0	20

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-165101/7

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	101		45 - 131
1,2-Dichloroethane-d4 (Surr)	101		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: LCSD 720-165101/9

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	1000	1140		ug/Kg		114	61 - 128	3	20
-C5-C12									

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	101		45 - 131
1,2-Dichloroethane-d4 (Surr)	107		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: MB 720-165167/5

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			08/18/14 18:46	1
Acetone	ND		50		ug/Kg			08/18/14 18:46	1
Benzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Dichlorobromomethane	ND		5.0		ug/Kg			08/18/14 18:46	1
Bromobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Chlorobromomethane	ND		20		ug/Kg			08/18/14 18:46	1
Bromoform	ND		5.0		ug/Kg			08/18/14 18:46	1
Bromomethane	ND		10		ug/Kg			08/18/14 18:46	1
2-Butanone (MEK)	ND		50		ug/Kg			08/18/14 18:46	1
n-Butylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
sec-Butylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
tert-Butylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Carbon disulfide	ND		5.0		ug/Kg			08/18/14 18:46	1
Carbon tetrachloride	ND		5.0		ug/Kg			08/18/14 18:46	1
Chlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Chloroethane	ND		10		ug/Kg			08/18/14 18:46	1
Chloroform	ND		5.0		ug/Kg			08/18/14 18:46	1
Chloromethane	ND		10		ug/Kg			08/18/14 18:46	1
2-Chlorotoluene	ND		5.0		ug/Kg			08/18/14 18:46	1
4-Chlorotoluene	ND		5.0		ug/Kg			08/18/14 18:46	1
Chlorodibromomethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,3-Dichloropropane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1-Dichloropropene	ND		5.0		ug/Kg			08/18/14 18:46	1

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-165167/5

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			08/18/14 18:46	1
Ethylene Dibromide	ND		5.0		ug/Kg			08/18/14 18:46	1
Dibromomethane	ND		10		ug/Kg			08/18/14 18:46	1
Dichlorodifluoromethane	ND		10		ug/Kg			08/18/14 18:46	1
1,1-Dichloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2-Dichloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1-Dichloroethene	ND		5.0		ug/Kg			08/18/14 18:46	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			08/18/14 18:46	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2-Dichloropropane	ND		5.0		ug/Kg			08/18/14 18:46	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			08/18/14 18:46	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			08/18/14 18:46	1
Ethylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Hexachlorobutadiene	ND		5.0		ug/Kg			08/18/14 18:46	1
2-Hexanone	ND		50		ug/Kg			08/18/14 18:46	1
Isopropylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
4-Isopropyltoluene	ND		5.0		ug/Kg			08/18/14 18:46	1
Methylene Chloride	ND		10		ug/Kg			08/18/14 18:46	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			08/18/14 18:46	1
Naphthalene	ND		10		ug/Kg			08/18/14 18:46	1
N-Propylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Styrene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
Tetrachloroethene	ND		5.0		ug/Kg			08/18/14 18:46	1
Toluene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
Trichloroethene	ND		5.0		ug/Kg			08/18/14 18:46	1
Trichlorofluoromethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Vinyl acetate	ND		20		ug/Kg			08/18/14 18:46	1
Vinyl chloride	ND		5.0		ug/Kg			08/18/14 18:46	1
Xylenes, Total	ND		10		ug/Kg			08/18/14 18:46	1
2,2-Dichloropropane	ND		5.0		ug/Kg			08/18/14 18:46	1
Gasoline Range Organics (GRO)	ND		250		ug/Kg			08/18/14 18:46	1
-C5-C12									

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		45 - 131		08/18/14 18:46	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140		08/18/14 18:46	1
Toluene-d8 (Surr)	97		58 - 140		08/18/14 18:46	1

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-165167/6

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	54.1		ug/Kg		108	70 - 144
Acetone	250	245		ug/Kg		98	30 - 162
Benzene	50.0	49.0		ug/Kg		98	70 - 130
Dichlorobromomethane	50.0	56.7		ug/Kg		113	70 - 131
Bromobenzene	50.0	49.4		ug/Kg		99	70 - 130
Chlorobromomethane	50.0	50.2		ug/Kg		100	70 - 130
Bromoform	50.0	53.6		ug/Kg		107	59 - 158
Bromomethane	50.0	53.1		ug/Kg		106	59 - 132
2-Butanone (MEK)	250	231		ug/Kg		92	53 - 124
n-Butylbenzene	50.0	49.0		ug/Kg		98	70 - 142
sec-Butylbenzene	50.0	47.1		ug/Kg		94	70 - 136
tert-Butylbenzene	50.0	47.2		ug/Kg		94	70 - 130
Carbon disulfide	50.0	46.1		ug/Kg		92	60 - 140
Carbon tetrachloride	50.0	57.9		ug/Kg		116	70 - 138
Chlorobenzene	50.0	49.5		ug/Kg		99	70 - 130
Chloroethane	50.0	52.1		ug/Kg		104	65 - 130
Chloroform	50.0	53.6		ug/Kg		107	77 - 127
Chloromethane	50.0	48.8		ug/Kg		98	55 - 140
2-Chlorotoluene	50.0	50.0		ug/Kg		100	70 - 138
4-Chlorotoluene	50.0	50.0		ug/Kg		100	70 - 136
Chlorodibromomethane	50.0	59.1		ug/Kg		118	70 - 146
1,2-Dichlorobenzene	50.0	49.8		ug/Kg		100	70 - 130
1,3-Dichlorobenzene	50.0	49.6		ug/Kg		99	70 - 131
1,4-Dichlorobenzene	50.0	50.0		ug/Kg		100	70 - 130
1,3-Dichloropropane	50.0	53.0		ug/Kg		106	70 - 140
1,1-Dichloropropene	50.0	55.3		ug/Kg		111	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	50.8		ug/Kg		102	60 - 145
Ethylene Dibromide	50.0	53.5		ug/Kg		107	70 - 140
Dibromomethane	50.0	53.7		ug/Kg		107	70 - 139
Dichlorodifluoromethane	50.0	46.2		ug/Kg		92	37 - 158
1,1-Dichloroethane	50.0	51.7		ug/Kg		103	70 - 130
1,2-Dichloroethane	50.0	53.9		ug/Kg		108	70 - 130
1,1-Dichloroethene	50.0	45.5		ug/Kg		91	76 - 122
cis-1,2-Dichloroethene	50.0	52.8		ug/Kg		106	70 - 138
trans-1,2-Dichloroethene	50.0	49.1		ug/Kg		98	67 - 130
1,2-Dichloropropane	50.0	53.1		ug/Kg		106	73 - 127
cis-1,3-Dichloropropene	50.0	58.5		ug/Kg		117	68 - 147
trans-1,3-Dichloropropene	50.0	65.2		ug/Kg		130	70 - 136
Ethylbenzene	50.0	45.9		ug/Kg		92	80 - 137
Hexachlorobutadiene	50.0	48.6		ug/Kg		97	70 - 132
2-Hexanone	250	252		ug/Kg		101	44 - 133
Isopropylbenzene	50.0	47.5		ug/Kg		95	70 - 130
4-Isopropyltoluene	50.0	47.9		ug/Kg		96	70 - 133
Methylene Chloride	50.0	49.3		ug/Kg		99	70 - 134
4-Methyl-2-pentanone (MIBK)	250	263		ug/Kg		105	60 - 160
Naphthalene	50.0	48.3		ug/Kg		97	60 - 147
N-Propylbenzene	50.0	46.9		ug/Kg		94	70 - 130
Styrene	50.0	49.6		ug/Kg		99	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-165167/6

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	56.7		ug/Kg		113	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.4		ug/Kg		101	70 - 146
Tetrachloroethene	50.0	50.4		ug/Kg		101	70 - 132
Toluene	50.0	47.2		ug/Kg		94	80 - 128
1,2,3-Trichlorobenzene	50.0	49.5		ug/Kg		99	60 - 140
1,2,4-Trichlorobenzene	50.0	51.1		ug/Kg		102	60 - 140
1,1,1-Trichloroethane	50.0	53.0		ug/Kg		106	70 - 130
1,1,2-Trichloroethane	50.0	52.2		ug/Kg		104	70 - 130
Trichloroethene	50.0	50.1		ug/Kg		100	70 - 133
Trichlorofluoromethane	50.0	58.5		ug/Kg		117	60 - 140
1,2,3-Trichloropropane	50.0	50.3		ug/Kg		101	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.6		ug/Kg		91	60 - 140
1,2,4-Trimethylbenzene	50.0	48.0		ug/Kg		96	70 - 130
1,3,5-Trimethylbenzene	50.0	48.5		ug/Kg		97	70 - 131
Vinyl acetate	50.0	43.1		ug/Kg		86	38 - 176
Vinyl chloride	50.0	51.6		ug/Kg		103	58 - 125
m-Xylene & p-Xylene	50.0	47.5		ug/Kg		95	70 - 146
o-Xylene	50.0	47.7		ug/Kg		95	70 - 140
2,2-Dichloropropane	50.0	50.9		ug/Kg		102	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	101		60 - 140
Toluene-d8 (Surr)	99		58 - 140

Lab Sample ID: LCS 720-165167/8

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	1160		ug/Kg		116	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		45 - 131
1,2-Dichloroethane-d4 (Surr)	105		60 - 140
Toluene-d8 (Surr)	97		58 - 140

Lab Sample ID: LCSD 720-165167/7

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	53.5		ug/Kg		107	70 - 144	1	20
Acetone	250	261		ug/Kg		104	30 - 162	6	30
Benzene	50.0	48.4		ug/Kg		97	70 - 130	1	20
Dichlorobromomethane	50.0	56.0		ug/Kg		112	70 - 131	1	20

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-165167/7

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	50.0	49.1		ug/Kg		98	70 - 130	1	20
Chlorobromomethane	50.0	50.5		ug/Kg		101	70 - 130	1	20
Bromoform	50.0	53.9		ug/Kg		108	59 - 158	1	20
Bromomethane	50.0	54.0		ug/Kg		108	59 - 132	2	20
2-Butanone (MEK)	250	222		ug/Kg		89	53 - 124	4	20
n-Butylbenzene	50.0	47.4		ug/Kg		95	70 - 142	3	20
sec-Butylbenzene	50.0	46.3		ug/Kg		93	70 - 136	2	20
tert-Butylbenzene	50.0	46.4		ug/Kg		93	70 - 130	2	20
Carbon disulfide	50.0	46.1		ug/Kg		92	60 - 140	0	20
Carbon tetrachloride	50.0	56.8		ug/Kg		114	70 - 138	2	20
Chlorobenzene	50.0	50.0		ug/Kg		100	70 - 130	1	20
Chloroethane	50.0	52.0		ug/Kg		104	65 - 130	0	20
Chloroform	50.0	53.0		ug/Kg		106	77 - 127	1	20
Chloromethane	50.0	50.8		ug/Kg		102	55 - 140	4	20
2-Chlorotoluene	50.0	48.2		ug/Kg		96	70 - 138	4	20
4-Chlorotoluene	50.0	49.0		ug/Kg		98	70 - 136	2	20
Chlorodibromomethane	50.0	58.4		ug/Kg		117	70 - 146	1	20
1,2-Dichlorobenzene	50.0	49.5		ug/Kg		99	70 - 130	1	20
1,3-Dichlorobenzene	50.0	48.9		ug/Kg		98	70 - 131	1	20
1,4-Dichlorobenzene	50.0	49.8		ug/Kg		100	70 - 130	0	20
1,3-Dichloropropane	50.0	51.2		ug/Kg		102	70 - 140	3	20
1,1-Dichloropropene	50.0	53.7		ug/Kg		107	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	50.0	50.8		ug/Kg		102	60 - 145	0	20
Ethylene Dibromide	50.0	52.9		ug/Kg		106	70 - 140	1	20
Dibromomethane	50.0	52.5		ug/Kg		105	70 - 139	2	20
Dichlorodifluoromethane	50.0	46.1		ug/Kg		92	37 - 158	0	20
1,1-Dichloroethane	50.0	51.6		ug/Kg		103	70 - 130	0	20
1,2-Dichloroethane	50.0	51.7		ug/Kg		103	70 - 130	4	20
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	76 - 122	2	20
cis-1,2-Dichloroethene	50.0	51.4		ug/Kg		103	70 - 138	3	20
trans-1,2-Dichloroethene	50.0	49.3		ug/Kg		99	67 - 130	0	20
1,2-Dichloropropane	50.0	52.1		ug/Kg		104	73 - 127	2	20
cis-1,3-Dichloropropene	50.0	57.6		ug/Kg		115	68 - 147	2	20
trans-1,3-Dichloropropene	50.0	63.5		ug/Kg		127	70 - 136	3	20
Ethylbenzene	50.0	45.6		ug/Kg		91	80 - 137	1	20
Hexachlorobutadiene	50.0	48.1		ug/Kg		96	70 - 132	1	20
2-Hexanone	250	236		ug/Kg		94	44 - 133	7	20
Isopropylbenzene	50.0	47.2		ug/Kg		94	70 - 130	1	20
4-Isopropyltoluene	50.0	47.4		ug/Kg		95	70 - 133	1	20
Methylene Chloride	50.0	49.6		ug/Kg		99	70 - 134	1	20
4-Methyl-2-pentanone (MIBK)	250	244		ug/Kg		98	60 - 160	8	20
Naphthalene	50.0	48.1		ug/Kg		96	60 - 147	0	20
N-Propylbenzene	50.0	45.9		ug/Kg		92	70 - 130	2	20
Styrene	50.0	50.3		ug/Kg		101	70 - 130	1	20
1,1,1,2-Tetrachloroethane	50.0	57.3		ug/Kg		115	70 - 130	1	20
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/Kg		98	70 - 146	3	20
Tetrachloroethene	50.0	49.7		ug/Kg		99	70 - 132	1	20
Toluene	50.0	47.2		ug/Kg		94	80 - 128	0	20

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-165167/7

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	50.0	49.5		ug/Kg		99	60 - 140	0	20
1,2,4-Trichlorobenzene	50.0	50.9		ug/Kg		102	60 - 140	0	20
1,1,1-Trichloroethane	50.0	51.6		ug/Kg		103	70 - 130	3	20
1,1,2-Trichloroethane	50.0	51.6		ug/Kg		103	70 - 130	1	20
Trichloroethene	50.0	50.6		ug/Kg		101	70 - 133	1	20
Trichlorofluoromethane	50.0	57.6		ug/Kg		115	60 - 140	2	20
1,2,3-Trichloropropane	50.0	49.7		ug/Kg		99	70 - 146	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.2		ug/Kg		94	60 - 140	3	20
1,2,4-Trimethylbenzene	50.0	47.3		ug/Kg		95	70 - 130	1	20
1,3,5-Trimethylbenzene	50.0	47.8		ug/Kg		96	70 - 131	1	20
Vinyl acetate	50.0	40.8		ug/Kg		82	38 - 176	5	20
Vinyl chloride	50.0	51.7		ug/Kg		103	58 - 125	0	20
m-Xylene & p-Xylene	50.0	47.5		ug/Kg		95	70 - 146	0	20
o-Xylene	50.0	47.5		ug/Kg		95	70 - 140	0	20
2,2-Dichloropropane	50.0	48.4		ug/Kg		97	70 - 162	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	97		45 - 131
1,2-Dichloroethane-d4 (Surr)	99		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: LCSD 720-165167/9

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	1000	1130		ug/Kg		113	61 - 128	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	100		45 - 131
1,2-Dichloroethane-d4 (Surr)	104		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-165122/1-A

Matrix: Solid

Analysis Batch: 165299

Client Sample ID: Method Blank

Prep Type: Silica Gel Cleanup

Prep Batch: 165122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		08/18/14 09:56	08/20/14 19:47	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		08/18/14 09:56	08/20/14 19:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.009		0 - 1	08/18/14 09:56	08/20/14 19:47	1

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 720-165122/1-A
Matrix: Solid
Analysis Batch: 165299

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 165122

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	97		38 - 148	08/18/14 09:56	08/20/14 19:47	1

Lab Sample ID: LCS 720-165122/2-A
Matrix: Solid
Analysis Batch: 165299

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 165122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	82.9	48.6		mg/Kg		59	36 - 112
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
p-Terphenyl	99		38 - 148				

Lab Sample ID: LCSD 720-165122/3-A
Matrix: Solid
Analysis Batch: 165299

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 165122

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	82.8	49.2		mg/Kg		59	36 - 112	1	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
p-Terphenyl	105		38 - 148						

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-165179/1-A
Matrix: Solid
Analysis Batch: 165245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 165179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.13		mg/Kg		08/18/14 18:05	08/19/14 13:46	1
Chromium	ND		0.50		mg/Kg		08/18/14 18:05	08/19/14 13:46	1
Nickel	ND		0.50		mg/Kg		08/18/14 18:05	08/19/14 13:46	1
Lead	ND		0.50		mg/Kg		08/18/14 18:05	08/19/14 13:46	1
Zinc	ND		1.5		mg/Kg		08/18/14 18:05	08/19/14 13:46	1

Lab Sample ID: LCS 720-165179/2-A
Matrix: Solid
Analysis Batch: 165245

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 165179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	50.0	49.5		mg/Kg		99	80 - 120
Chromium	50.0	51.0		mg/Kg		102	80 - 120
Nickel	50.0	50.2		mg/Kg		100	80 - 120
Lead	50.0	50.1		mg/Kg		100	80 - 120
Zinc	50.0	47.1		mg/Kg		94	80 - 120

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 720-165179/3-A

Matrix: Solid

Analysis Batch: 165245

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 165179

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	50.0	48.2		mg/Kg		96	80 - 120	3	20
Chromium	50.0	50.1		mg/Kg		100	80 - 120	2	20
Nickel	50.0	48.7		mg/Kg		97	80 - 120	3	20
Lead	50.0	48.7		mg/Kg		97	80 - 120	3	20
Zinc	50.0	45.8		mg/Kg		92	80 - 120	3	20

Lab Sample ID: LCSSRM 720-165179/25-A

Matrix: Solid

Analysis Batch: 165245

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 165179

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	201	184		mg/Kg		92	67 - 118		
Chromium	106	100		mg/Kg		95	67 - 121		
Nickel	305	279		mg/Kg		92	65 - 117		
Lead	302	271		mg/Kg		90	62 - 113		
Zinc	388	359		mg/Kg		93	62 - 110		

TestAmerica Pleasanton

QC Association Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

GC/MS VOA

Analysis Batch: 165101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-20	B3-22/22.5	Total/NA	Solid	8260B/CA_LUFT	165137
720-59301-21	B3-31/31.5	Total/NA	Solid	MS	165137
LCS 720-165101/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT	165137
LCS 720-165101/8	Lab Control Sample	Total/NA	Solid	MS	165137
LCSD 720-165101/7	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT	165137
LCSD 720-165101/9	Lab Control Sample Dup	Total/NA	Solid	MS	165137
MB 720-165101/5	Method Blank	Total/NA	Solid	8260B/CA_LUFT	165137
				MS	

Prep Batch: 165137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-20	B3-22/22.5	Total/NA	Solid	5035	
720-59301-21	B3-31/31.5	Total/NA	Solid	5035	

Analysis Batch: 165167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-5	B1-12.5/13	Total/NA	Solid	8260B/CA_LUFT	165181
720-59301-13	B2-12.5/13	Total/NA	Solid	MS	165181
720-59301-14	B2-20.5/21	Total/NA	Solid	8260B/CA_LUFT	165181
LCS 720-165167/6	Lab Control Sample	Total/NA	Solid	MS	165181
LCS 720-165167/8	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT	165181
LCSD 720-165167/7	Lab Control Sample Dup	Total/NA	Solid	MS	165181
LCSD 720-165167/9	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT	165181
MB 720-165167/5	Method Blank	Total/NA	Solid	MS	165181
				8260B/CA_LUFT	
				MS	

Prep Batch: 165181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-5	B1-12.5/13	Total/NA	Solid	5035	
720-59301-13	B2-12.5/13	Total/NA	Solid	5035	
720-59301-14	B2-20.5/21	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 165122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-5	B1-12.5/13	Silica Gel Cleanup	Solid	3546	
720-59301-13	B2-12.5/13	Silica Gel Cleanup	Solid	3546	
720-59301-14	B2-20.5/21	Silica Gel Cleanup	Solid	3546	
720-59301-20	B3-22/22.5	Silica Gel Cleanup	Solid	3546	
720-59301-21	B3-31/31.5	Silica Gel Cleanup	Solid	3546	

TestAmerica Pleasanton

QC Association Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

GC Semi VOA (Continued)

Prep Batch: 165122 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-165122/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	3546	
LCSD 720-165122/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	3546	
MB 720-165122/1-A	Method Blank	Silica Gel Cleanup	Solid	3546	

Analysis Batch: 165298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-14	B2-20.5/21	Silica Gel Cleanup	Solid	8015B	165122
720-59301-20	B3-22/22.5	Silica Gel Cleanup	Solid	8015B	165122

Analysis Batch: 165299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-5	B1-12.5/13	Silica Gel Cleanup	Solid	8015B	165122
720-59301-13	B2-12.5/13	Silica Gel Cleanup	Solid	8015B	165122
720-59301-21	B3-31/31.5	Silica Gel Cleanup	Solid	8015B	165122
LCS 720-165122/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	8015B	165122
LCSD 720-165122/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	8015B	165122
MB 720-165122/1-A	Method Blank	Silica Gel Cleanup	Solid	8015B	165122

Metals

Prep Batch: 165179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-5	B1-12.5/13	Total/NA	Solid	3050B	
720-59301-13	B2-12.5/13	Total/NA	Solid	3050B	
720-59301-14	B2-20.5/21	Total/NA	Solid	3050B	
720-59301-20	B3-22/22.5	Total/NA	Solid	3050B	
720-59301-21	B3-31/31.5	Total/NA	Solid	3050B	
LCS 720-165179/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-165179/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-165179/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-165179/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 165245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-165179/2-A	Lab Control Sample	Total/NA	Solid	6010B	165179
LCSD 720-165179/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	165179
LCSSRM 720-165179/25-A	Lab Control Sample	Total/NA	Solid	6010B	165179
MB 720-165179/1-A	Method Blank	Total/NA	Solid	6010B	165179

Analysis Batch: 165275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-5	B1-12.5/13	Total/NA	Solid	6010B	165179
720-59301-13	B2-12.5/13	Total/NA	Solid	6010B	165179
720-59301-14	B2-20.5/21	Total/NA	Solid	6010B	165179
720-59301-20	B3-22/22.5	Total/NA	Solid	6010B	165179
720-59301-21	B3-31/31.5	Total/NA	Solid	6010B	165179

TestAmerica Pleasanton

QC Association Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

General Chemistry

Analysis Batch: 165050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-20	B3-22/22.5	Total/NA	Solid	Moisture	
720-59301-21	B3-31/31.5	Total/NA	Solid	Moisture	

Analysis Batch: 165188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-5	B1-12.5/13	Total/NA	Solid	Moisture	
720-59301-13	B2-12.5/13	Total/NA	Solid	Moisture	
720-59301-14	B2-20.5/21	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B1-12.5/13

Date Collected: 08/14/14 08:25

Date Received: 08/14/14 18:45

Lab Sample ID: 720-59301-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			165181	08/14/14 21:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165167	08/18/14 21:14	ASC	TAL PLS
Silica Gel Cleanup	Prep	3546			165122	08/18/14 14:31	STL	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	165299	08/20/14 22:13	JL	TAL PLS
Total/NA	Prep	3050B			165179	08/18/14 18:05	CTD	TAL PLS
Total/NA	Analysis	6010B		4	165275	08/19/14 17:35	CAM	TAL PLS
Total/NA	Analysis	Moisture		1	165188	08/18/14 21:51	EYT	TAL PLS

Client Sample ID: B2-12.5/13

Date Collected: 08/14/14 11:00

Date Received: 08/14/14 18:45

Lab Sample ID: 720-59301-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			165181	08/14/14 21:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165167	08/18/14 21:43	ASC	TAL PLS
Silica Gel Cleanup	Prep	3546			165122	08/18/14 14:31	STL	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	165299	08/20/14 22:43	JL	TAL PLS
Total/NA	Prep	3050B			165179	08/18/14 18:05	CTD	TAL PLS
Total/NA	Analysis	6010B		4	165275	08/19/14 17:40	CAM	TAL PLS
Total/NA	Analysis	Moisture		1	165188	08/18/14 21:51	EYT	TAL PLS

Client Sample ID: B2-20.5/21

Date Collected: 08/14/14 11:10

Date Received: 08/14/14 18:45

Lab Sample ID: 720-59301-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			165181	08/14/14 21:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165167	08/18/14 22:12	ASC	TAL PLS
Silica Gel Cleanup	Prep	3546			165122	08/18/14 14:31	STL	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	165298	08/20/14 22:43	JL	TAL PLS
Total/NA	Prep	3050B			165179	08/18/14 18:05	CTD	TAL PLS
Total/NA	Analysis	6010B		4	165275	08/19/14 17:45	CAM	TAL PLS
Total/NA	Analysis	Moisture		1	165188	08/18/14 21:51	EYT	TAL PLS

Client Sample ID: B3-22/22.5

Date Collected: 08/14/14 13:40

Date Received: 08/14/14 18:45

Lab Sample ID: 720-59301-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			165137	08/14/14 21:30	PDR	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165101	08/18/14 12:42	ASC	TAL PLS
Silica Gel Cleanup	Prep	3546			165122	08/18/14 14:31	STL	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	165298	08/20/14 23:12	JL	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B3-22/22.5

Lab Sample ID: 720-59301-20

Date Collected: 08/14/14 13:40

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			165179	08/18/14 18:05	CTD	TAL PLS
Total/NA	Analysis	6010B		4	165275	08/19/14 17:11	CAM	TAL PLS
Total/NA	Analysis	Moisture		1	165050	08/15/14 20:34	EYT	TAL PLS

Client Sample ID: B3-31/31.5

Lab Sample ID: 720-59301-21

Date Collected: 08/14/14 14:00

Matrix: Solid

Date Received: 08/14/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			165137	08/14/14 21:30	PDR	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165101	08/18/14 13:11	ASC	TAL PLS
Silica Gel Cleanup	Prep	3546			165122	08/18/14 14:31	STL	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	165299	08/20/14 23:12	JL	TAL PLS
Total/NA	Prep	3050B			165179	08/18/14 18:05	CTD	TAL PLS
Total/NA	Analysis	6010B		4	165275	08/19/14 17:16	CAM	TAL PLS
Total/NA	Analysis	Moisture		1	165050	08/15/14 20:34	EYT	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
Moisture	Percent Moisture	EPA	TAL PLS

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-59301-5	B1-12.5/13	Solid	08/14/14 08:25	08/14/14 18:45
720-59301-13	B2-12.5/13	Solid	08/14/14 11:00	08/14/14 18:45
720-59301-14	B2-20.5/21	Solid	08/14/14 11:10	08/14/14 18:45
720-59301-20	B3-22/22.5	Solid	08/14/14 13:40	08/14/14 18:45
720-59301-21	B3-31/31.5	Solid	08/14/14 14:00	08/14/14 18:45

San Francisco
1220 Quarry Lane
TestAmerica Laboratories, Inc. - Pleasanton
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720.59301

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
155635

Client Contact		Project Manager: Mark Green		Site Contact: Paul Studemester		COC No. 1	
Green Environment Inc.	Tel/Fax 650-508-8018 / 650-508-8005	Analysis Turnaround Time		Lab Contact: Dimple Sharma		Page 1 of 2	
1347 Laurel Street		Calendar (C) or Work Days (W): (C)				Job No.	
San Carlos, CA 94070		TAT if different from Below				SDG No.	
650-508-8018		2 weeks					
650-508-5008		1 week					
Project Name: 988 Howard		2 days					
Site: 988 Howard Avenue, Burlingame		1 day					
P.O. #							
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservative	Moisture Content, Weight %
B1-1.35/2	8/1	8:10	Vials/blue	S	4	Y/N	
B1-4.5/5	8/1	8:15					
B1-8/8.5	8/1	8:20					
B1-9/9.5	8/1	8:22					
B1-12.5/13	8/1	8:25					
B1-14.35/15.25	8/1	8:27					
B1-29.5/30	8/1	9:00					
CV1-1.5/2	8/1	10:40					
SV2	8/1	10:45					
SV3	8/1	11:00					
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other							
Possible Hazard Identification							
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							
Special Instructions/QC Requirements & Comments: Report soil sample results on a dry weight basis. Meet hold times.							
Please Preserve as needed + Secure, Place on hold for instructions							
Relinquished by: <u>P. Evans</u>	Company: <u>GET</u>	Date/Time: <u>8/14/14 5:10 PM</u>	Received by: <u>[Signature]</u>	Date/Time: <u>8/14/14 1710</u>			
Relinquished by: <u>[Signature]</u>	Company: <u>TA</u>	Date/Time: <u>8/14/14 1845</u>	Received by: <u>[Signature]</u>	Date/Time: <u>8/14/14 1845</u>			
Return To Client ☐ Disposal By Lab ☒ Archive For ☐ Months							
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							

720-59301 Chain of Custody



5.7, 4.1, 0.2

Caparas, Criselda

From: Mark Green [mark@greenenvironment.com]
Sent: Friday, August 15, 2014 2:58 PM
To: Caparas, Criselda
Subject: Re: Green Env 988 Howard Avenue Burlingame

Criselda:

Please analyze on normal lab turn soil samples B3-22/22.5 and B3-31/31.5 for TPHg/full scan VOCs (8260B), TPHd & TPHmo w silica gel (8015M), and LUFT 5 metals, and moisture content within hold time, Project # B141091. Thank you.

Mark

On Aug 15, 2014, at 2:38 PM, Caparas, Criselda <Criselda.Caparas@testamericainc.com> wrote:

Hi Mark.

Please make necessary changes on the attached COC and scan it back to me.

Thank you.

Best Regards

CRISELDA CAPARAS

Project Management Assistant

Test-America

THE LEADER IN ENVIRONMENTAL TESTING

1220 Quarry lane Pleasanton, CA 94566

Phone: 925.484.1919 x145

www.testamericainc.com



720-59301 Chain of Custody

<720-59301 COC.pdf>

Mark Green
President, Green Environment inc.
P: 650.508.8018
F: 650.508.8005
C: 650.280.5768
mark@greenenvironment.com

Celebrating our 23 years in business!

Add on J- 59301-2

Caparas, Criselda

From: Mark Green [mark@greenenvironment.com]
Sent: Monday, August 18, 2014 8:17 AM
To: Caparas, Criselda
Cc: Sharma, Dimple
Subject: Re: Green Env 988 Howard Avenue Burlingame

Criselda:

Please also add the following other soil samples for the same exact analytical suite meeting hold time:

B2-20.5/21, B2-12.5/13, B1-12.5/13.

Thanks,

Mark

On Aug 15, 2014, at 3:05 PM, Caparas, Criselda <Criselda.Caparas@testamericainc.com> wrote:

Will do, we will send confirmation later.
 Have a good weekend.
 Thank you.

Best Regards
CRISELDA CAPARAS
 Project Management Assistant
 Test-America
 THE LEAD-ER IN ENVIRONMENTAL TESTING
 1220 Quarry lane Pleasanton, CA 94566
 Phone: 925.484.1919 x145
www.testamericainc.com



From: Mark Green [mailto:mark@greenenvironment.com]
Sent: Friday, August 15, 2014 2:58 PM
To: Caparas, Criselda
Subject: Re: Green Env 988 Howard Avenue Burlingame

Criselda:

Please analyze on normal lab turn soil samples B3-22/22.5 and B3-31/31.5 for TPIIg/full scan VOCs (8260B), TPHd & TPIImo w silica gel (8015M), and LUFT 5 metals, and moisture content within hold time, Project # B141091. Thank you.

Mark

On Aug 15, 2014, at 2:38 PM, Caparas, Criselda <Criselda.Caparas@testamericainc.com> wrote:

Login Sample Receipt Checklist

Client: Green Environment Inc

Job Number: 720-59301-1

Login Number: 59301

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pleasanton

1220 Quarry Lane

Pleasanton, CA 94566

Tel: (925)484-1919

TestAmerica Job ID: 720-59301-1

Client Project/Site: 988 Howard

Revision: 1

For:

Green Environment Inc

PO BOX 7138

San Carlos, California 94070

Attn: Mr. Mark Green



Authorized for release by:

8/28/2014 3:13:57 PM

Afsaneh Salimpour, Senior Project Manager

afsaneh.salimpour@testamericainc.com

Designee for

Dimple Sharma, Senior Project Manager

(925)484-1919

dimple.sharma@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Job ID: 720-59301-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-59301-1

Revised on 8/28/14

Comments

No additional comments.

Receipt

The samples were received on 8/14/2014 6:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 4.1° C and 5.2° C.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

Method(s) 6010B: The following sample(s) was diluted due to the abundance of non-target analyte Fe: B3-22/22.5 (720-59301-20), B3-31/31.5 (720-59301-21). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B1-12.5/13

Lab Sample ID: 720-59301-5

No Detections.

Client Sample ID: B2-12.5/13

Lab Sample ID: 720-59301-13

No Detections.

Client Sample ID: B2-20.5/21

Lab Sample ID: 720-59301-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	59		48		ug/Kg	1	✱	8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	340		240		ug/Kg	1	✱	8260B/CA_LUFT MS	Total/NA

Client Sample ID: B3-22/22.5

Lab Sample ID: 720-59301-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	110		2.1		mg/Kg	4	✱	6010B	Total/NA
Nickel	100		2.1		mg/Kg	4	✱	6010B	Total/NA
Lead	2.8		2.1		mg/Kg	4	✱	6010B	Total/NA
Zinc	51		6.2		mg/Kg	4	✱	6010B	Total/NA

Client Sample ID: B3-31/31.5

Lab Sample ID: 720-59301-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	120		2.4		mg/Kg	4	✱	6010B	Total/NA
Nickel	180		2.4		mg/Kg	4	✱	6010B	Total/NA
Lead	4.1		2.4		mg/Kg	4	✱	6010B	Total/NA
Zinc	54		7.1		mg/Kg	4	✱	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B1-12.5/13

Lab Sample ID: 720-59301-5

Date Collected: 08/14/14 08:25

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 90.3

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Acetone	ND		40		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Benzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Dichlorobromomethane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Bromobenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Chlorobromomethane	ND		16		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Bromoform	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Bromomethane	ND		8.1		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
2-Butanone (MEK)	ND		40		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
n-Butylbenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
sec-Butylbenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
tert-Butylbenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Carbon disulfide	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Carbon tetrachloride	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Chlorobenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Chloroethane	ND		8.1		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Chloroform	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Chloromethane	ND		8.1		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
2-Chlorotoluene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
4-Chlorotoluene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Chlorodibromomethane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,2-Dichlorobenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,3-Dichlorobenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,4-Dichlorobenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,3-Dichloropropane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,1-Dichloropropene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,2-Dibromo-3-Chloropropane	ND		8.1		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Ethylene Dibromide	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Dibromomethane	ND		8.1		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Dichlorodifluoromethane	ND		8.1		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,1-Dichloroethane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,2-Dichloroethane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,1-Dichloroethene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
cis-1,2-Dichloroethene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
trans-1,2-Dichloroethene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,2-Dichloropropane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
cis-1,3-Dichloropropene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
trans-1,3-Dichloropropene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Ethylbenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Hexachlorobutadiene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
2-Hexanone	ND		40		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Isopropylbenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
4-Isopropyltoluene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Methylene Chloride	ND		8.1		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
4-Methyl-2-pentanone (MIBK)	ND		40		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Naphthalene	ND		8.1		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
N-Propylbenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Styrene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,1,1,2-Tetrachloroethane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B1-12.5/13

Lab Sample ID: 720-59301-5

Date Collected: 08/14/14 08:25

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 90.3

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Tetrachloroethene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Toluene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,2,3-Trichlorobenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,2,4-Trichlorobenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,1,1-Trichloroethane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,1,2-Trichloroethane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Trichloroethene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Trichlorofluoromethane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,2,3-Trichloropropane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,2,4-Trimethylbenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
1,3,5-Trimethylbenzene	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Vinyl acetate	ND		16		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Vinyl chloride	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Xylenes, Total	ND		8.1		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
2,2-Dichloropropane	ND		4.0		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
Gasoline Range Organics (GRO)	ND		200		ug/Kg	☼	08/14/14 21:30	08/18/14 21:14	1
-C5-C12									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131				08/14/14 21:30	08/18/14 21:14	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140				08/14/14 21:30	08/18/14 21:14	1
Toluene-d8 (Surr)	94		58 - 140				08/14/14 21:30	08/18/14 21:14	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B2-12.5/13

Lab Sample ID: 720-59301-13

Date Collected: 08/14/14 11:00

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 92.5

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Acetone	ND		52		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Benzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Dichlorobromomethane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Bromobenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Chlorobromomethane	ND		21		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Bromoform	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Bromomethane	ND		10		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
2-Butanone (MEK)	ND		52		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
n-Butylbenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
sec-Butylbenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
tert-Butylbenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Carbon disulfide	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Carbon tetrachloride	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Chlorobenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Chloroethane	ND		10		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Chloroform	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Chloromethane	ND		10		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
2-Chlorotoluene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
4-Chlorotoluene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Chlorodibromomethane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,2-Dichlorobenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,3-Dichlorobenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,4-Dichlorobenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,3-Dichloropropane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,1-Dichloropropene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Ethylene Dibromide	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Dibromomethane	ND		10		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Dichlorodifluoromethane	ND		10		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,1-Dichloroethane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,2-Dichloroethane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,1-Dichloroethene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
cis-1,2-Dichloroethene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
trans-1,2-Dichloroethene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,2-Dichloropropane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
cis-1,3-Dichloropropene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
trans-1,3-Dichloropropene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Ethylbenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Hexachlorobutadiene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
2-Hexanone	ND		52		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Isopropylbenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
4-Isopropyltoluene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Methylene Chloride	ND		10		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
4-Methyl-2-pentanone (MIBK)	ND		52		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Naphthalene	ND		10		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
N-Propylbenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Styrene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B2-12.5/13

Lab Sample ID: 720-59301-13

Date Collected: 08/14/14 11:00

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 92.5

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Tetrachloroethene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Toluene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,2,3-Trichlorobenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,2,4-Trichlorobenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,1,1-Trichloroethane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,1,2-Trichloroethane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Trichloroethene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Trichlorofluoromethane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,2,3-Trichloropropane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,2,4-Trimethylbenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
1,3,5-Trimethylbenzene	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Vinyl acetate	ND		21		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Vinyl chloride	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Xylenes, Total	ND		10		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
2,2-Dichloropropane	ND		5.2		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
Gasoline Range Organics (GRO)	ND		260		ug/Kg	☼	08/14/14 21:30	08/18/14 21:43	1
-C5-C12									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		45 - 131				08/14/14 21:30	08/18/14 21:43	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 140				08/14/14 21:30	08/18/14 21:43	1
Toluene-d8 (Surr)	96		58 - 140				08/14/14 21:30	08/18/14 21:43	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B2-20.5/21

Lab Sample ID: 720-59301-14

Date Collected: 08/14/14 11:10

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 86.0

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Acetone	59		48		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Benzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Dichlorobromomethane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Bromobenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Chlorobromomethane	ND		19		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Bromoform	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Bromomethane	ND		9.6		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
2-Butanone (MEK)	ND		48		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
n-Butylbenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
sec-Butylbenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
tert-Butylbenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Carbon disulfide	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Carbon tetrachloride	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Chlorobenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Chloroethane	ND		9.6		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Chloroform	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Chloromethane	ND		9.6		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
2-Chlorotoluene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
4-Chlorotoluene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Chlorodibromomethane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,3-Dichloropropane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,1-Dichloropropene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,2-Dibromo-3-Chloropropane	ND		9.6		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Ethylene Dibromide	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Dibromomethane	ND		9.6		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Dichlorodifluoromethane	ND		9.6		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,1-Dichloroethane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,2-Dichloroethane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,1-Dichloroethene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,2-Dichloropropane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Ethylbenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Hexachlorobutadiene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
2-Hexanone	ND		48		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Isopropylbenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
4-Isopropyltoluene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Methylene Chloride	ND		9.6		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Naphthalene	ND		9.6		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
N-Propylbenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Styrene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B2-20.5/21

Lab Sample ID: 720-59301-14

Date Collected: 08/14/14 11:10

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 86.0

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Tetrachloroethene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Toluene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Trichloroethene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Trichlorofluoromethane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Vinyl acetate	ND		19		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Vinyl chloride	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Xylenes, Total	ND		9.6		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
2,2-Dichloropropane	ND		4.8		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
Gasoline Range Organics (GRO)	340		240		ug/Kg	☼	08/14/14 21:30	08/18/14 22:12	1
-C5-C12									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		45 - 131	08/14/14 21:30	08/18/14 22:12	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140	08/14/14 21:30	08/18/14 22:12	1
Toluene-d8 (Surr)	96		58 - 140	08/14/14 21:30	08/18/14 22:12	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B3-22/22.5

Lab Sample ID: 720-59301-20

Date Collected: 08/14/14 13:40

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 85.1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Acetone	ND		49		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Benzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Dichlorobromomethane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Bromobenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Chlorobromomethane	ND		19		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Bromoform	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Bromomethane	ND		9.7		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
2-Butanone (MEK)	ND		49		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
n-Butylbenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
sec-Butylbenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
tert-Butylbenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Carbon disulfide	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Carbon tetrachloride	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Chlorobenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Chloroethane	ND		9.7		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Chloroform	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Chloromethane	ND		9.7		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
2-Chlorotoluene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
4-Chlorotoluene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Chlorodibromomethane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,3-Dichloropropane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,1-Dichloropropene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Ethylene Dibromide	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Dibromomethane	ND		9.7		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Dichlorodifluoromethane	ND		9.7		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,1-Dichloroethane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,2-Dichloroethane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,1-Dichloroethene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,2-Dichloropropane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Ethylbenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Hexachlorobutadiene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
2-Hexanone	ND		49		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Isopropylbenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
4-Isopropyltoluene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Methylene Chloride	ND		9.7		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Naphthalene	ND		9.7		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
N-Propylbenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Styrene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B3-22/22.5

Lab Sample ID: 720-59301-20

Date Collected: 08/14/14 13:40

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 85.1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Tetrachloroethene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Toluene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Trichloroethene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Trichlorofluoromethane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Vinyl acetate	ND		19		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Vinyl chloride	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Xylenes, Total	ND		9.7		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
2,2-Dichloropropane	ND		4.9		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
Gasoline Range Organics (GRO)	ND		240		ug/Kg	☼	08/14/14 21:30	08/18/14 12:42	1
-C5-C12									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		45 - 131	08/14/14 21:30	08/18/14 12:42	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140	08/14/14 21:30	08/18/14 12:42	1
Toluene-d8 (Surr)	99		58 - 140	08/14/14 21:30	08/18/14 12:42	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.2		mg/Kg	☼	08/18/14 14:31	08/20/14 23:12	1
Motor Oil Range Organics [C24-C36]	ND		59		mg/Kg	☼	08/18/14 14:31	08/20/14 23:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.009		0 - 1	08/18/14 14:31	08/20/14 23:12	1
p-Terphenyl	85		38 - 148	08/18/14 14:31	08/20/14 23:12	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.52		mg/Kg	☼	08/18/14 18:05	08/19/14 17:11	4
Chromium	110		2.1		mg/Kg	☼	08/18/14 18:05	08/19/14 17:11	4
Nickel	100		2.1		mg/Kg	☼	08/18/14 18:05	08/19/14 17:11	4
Lead	2.8		2.1		mg/Kg	☼	08/18/14 18:05	08/19/14 17:11	4
Zinc	51		6.2		mg/Kg	☼	08/18/14 18:05	08/19/14 17:11	4

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B3-31/31.5

Lab Sample ID: 720-59301-21

Date Collected: 08/14/14 14:00

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 83.2

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Acetone	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Benzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Dichlorobromomethane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Bromobenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Chlorobromomethane	ND		18		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Bromoform	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Bromomethane	ND		8.8		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
2-Butanone (MEK)	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
n-Butylbenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
sec-Butylbenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
tert-Butylbenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Carbon disulfide	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Carbon tetrachloride	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Chlorobenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Chloroethane	ND		8.8		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Chloroform	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Chloromethane	ND		8.8		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
2-Chlorotoluene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
4-Chlorotoluene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Chlorodibromomethane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,2-Dichlorobenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,3-Dichlorobenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,4-Dichlorobenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,3-Dichloropropane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,1-Dichloropropene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,2-Dibromo-3-Chloropropane	ND		8.8		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Ethylene Dibromide	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Dibromomethane	ND		8.8		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Dichlorodifluoromethane	ND		8.8		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,1-Dichloroethane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,2-Dichloroethane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,1-Dichloroethene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
cis-1,2-Dichloroethene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
trans-1,2-Dichloroethene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,2-Dichloropropane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
cis-1,3-Dichloropropene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
trans-1,3-Dichloropropene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Ethylbenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Hexachlorobutadiene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
2-Hexanone	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Isopropylbenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
4-Isopropyltoluene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Methylene Chloride	ND		8.8		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
4-Methyl-2-pentanone (MIBK)	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Naphthalene	ND		8.8		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
N-Propylbenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Styrene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,1,1,2-Tetrachloroethane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B3-31/31.5

Lab Sample ID: 720-59301-21

Date Collected: 08/14/14 14:00

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 83.2

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Tetrachloroethene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Toluene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,2,3-Trichlorobenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,2,4-Trichlorobenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,1,1-Trichloroethane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,1,2-Trichloroethane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Trichloroethene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Trichlorofluoromethane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,2,3-Trichloropropane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,2,4-Trimethylbenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
1,3,5-Trimethylbenzene	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Vinyl acetate	ND		18		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Vinyl chloride	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Xylenes, Total	ND		8.8		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
2,2-Dichloropropane	ND		4.4		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg	☼	08/14/14 21:30	08/18/14 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		45 - 131				08/14/14 21:30	08/18/14 13:11	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140				08/14/14 21:30	08/18/14 13:11	1
Toluene-d8 (Surr)	97		58 - 140				08/14/14 21:30	08/18/14 13:11	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.2		mg/Kg	☼	08/18/14 14:31	08/20/14 23:12	1
Motor Oil Range Organics [C24-C36]	ND		60		mg/Kg	☼	08/18/14 14:31	08/20/14 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.004		0 - 1				08/18/14 14:31	08/20/14 23:12	1
p-Terphenyl	91		38 - 148				08/18/14 14:31	08/20/14 23:12	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.59		mg/Kg	☼	08/18/14 18:05	08/19/14 17:16	4
Chromium	120		2.4		mg/Kg	☼	08/18/14 18:05	08/19/14 17:16	4
Nickel	180		2.4		mg/Kg	☼	08/18/14 18:05	08/19/14 17:16	4
Lead	4.1		2.4		mg/Kg	☼	08/18/14 18:05	08/19/14 17:16	4
Zinc	54		7.1		mg/Kg	☼	08/18/14 18:05	08/19/14 17:16	4

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-165101/5

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			08/18/14 09:15	1
Acetone	ND		50		ug/Kg			08/18/14 09:15	1
Benzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Dichlorobromomethane	ND		5.0		ug/Kg			08/18/14 09:15	1
Bromobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Chlorobromomethane	ND		20		ug/Kg			08/18/14 09:15	1
Bromoform	ND		5.0		ug/Kg			08/18/14 09:15	1
Bromomethane	ND		10		ug/Kg			08/18/14 09:15	1
2-Butanone (MEK)	ND		50		ug/Kg			08/18/14 09:15	1
n-Butylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
sec-Butylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
tert-Butylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Carbon disulfide	ND		5.0		ug/Kg			08/18/14 09:15	1
Carbon tetrachloride	ND		5.0		ug/Kg			08/18/14 09:15	1
Chlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Chloroethane	ND		10		ug/Kg			08/18/14 09:15	1
Chloroform	ND		5.0		ug/Kg			08/18/14 09:15	1
Chloromethane	ND		10		ug/Kg			08/18/14 09:15	1
2-Chlorotoluene	ND		5.0		ug/Kg			08/18/14 09:15	1
4-Chlorotoluene	ND		5.0		ug/Kg			08/18/14 09:15	1
Chlorodibromomethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,3-Dichloropropane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1-Dichloropropene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			08/18/14 09:15	1
Ethylene Dibromide	ND		5.0		ug/Kg			08/18/14 09:15	1
Dibromomethane	ND		10		ug/Kg			08/18/14 09:15	1
Dichlorodifluoromethane	ND		10		ug/Kg			08/18/14 09:15	1
1,1-Dichloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2-Dichloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1-Dichloroethene	ND		5.0		ug/Kg			08/18/14 09:15	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			08/18/14 09:15	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2-Dichloropropane	ND		5.0		ug/Kg			08/18/14 09:15	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			08/18/14 09:15	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			08/18/14 09:15	1
Ethylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Hexachlorobutadiene	ND		5.0		ug/Kg			08/18/14 09:15	1
2-Hexanone	ND		50		ug/Kg			08/18/14 09:15	1
Isopropylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
4-Isopropyltoluene	ND		5.0		ug/Kg			08/18/14 09:15	1
Methylene Chloride	ND		10		ug/Kg			08/18/14 09:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			08/18/14 09:15	1
Naphthalene	ND		10		ug/Kg			08/18/14 09:15	1
N-Propylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Styrene	ND		5.0		ug/Kg			08/18/14 09:15	1

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-165101/5

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
Tetrachloroethene	ND		5.0		ug/Kg			08/18/14 09:15	1
Toluene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
Trichloroethene	ND		5.0		ug/Kg			08/18/14 09:15	1
Trichlorofluoromethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			08/18/14 09:15	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			08/18/14 09:15	1
Vinyl acetate	ND		20		ug/Kg			08/18/14 09:15	1
Vinyl chloride	ND		5.0		ug/Kg			08/18/14 09:15	1
Xylenes, Total	ND		10		ug/Kg			08/18/14 09:15	1
2,2-Dichloropropane	ND		5.0		ug/Kg			08/18/14 09:15	1
Gasoline Range Organics (GRO)	ND		250		ug/Kg			08/18/14 09:15	1
-C5-C12									

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		45 - 131		08/18/14 09:15	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140		08/18/14 09:15	1
Toluene-d8 (Surr)	97		58 - 140		08/18/14 09:15	1

Lab Sample ID: LCS 720-165101/6

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	56.6		ug/Kg		113	70 - 144
Acetone	250	308		ug/Kg		123	30 - 162
Benzene	50.0	47.9		ug/Kg		96	70 - 130
Dichlorobromomethane	50.0	56.3		ug/Kg		113	70 - 131
Bromobenzene	50.0	47.8		ug/Kg		96	70 - 130
Chlorobromomethane	50.0	52.6		ug/Kg		105	70 - 130
Bromoform	50.0	56.2		ug/Kg		112	59 - 158
Bromomethane	50.0	52.8		ug/Kg		106	59 - 132
2-Butanone (MEK)	250	260		ug/Kg		104	53 - 124
n-Butylbenzene	50.0	45.7		ug/Kg		91	70 - 142
sec-Butylbenzene	50.0	43.7		ug/Kg		87	70 - 136
tert-Butylbenzene	50.0	43.8		ug/Kg		88	70 - 130
Carbon disulfide	50.0	46.3		ug/Kg		93	60 - 140
Carbon tetrachloride	50.0	56.8		ug/Kg		114	70 - 138
Chlorobenzene	50.0	48.7		ug/Kg		97	70 - 130
Chloroethane	50.0	50.3		ug/Kg		101	65 - 130
Chloroform	50.0	52.9		ug/Kg		106	77 - 127

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-165101/6

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	50.0	48.8		ug/Kg		98	55 - 140
2-Chlorotoluene	50.0	46.9		ug/Kg		94	70 - 138
4-Chlorotoluene	50.0	47.1		ug/Kg		94	70 - 136
Chlorodibromomethane	50.0	60.9		ug/Kg		122	70 - 146
1,2-Dichlorobenzene	50.0	48.0		ug/Kg		96	70 - 130
1,3-Dichlorobenzene	50.0	47.1		ug/Kg		94	70 - 131
1,4-Dichlorobenzene	50.0	47.9		ug/Kg		96	70 - 130
1,3-Dichloropropane	50.0	53.3		ug/Kg		107	70 - 140
1,1-Dichloropropene	50.0	53.2		ug/Kg		106	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	51.8		ug/Kg		104	60 - 145
Ethylene Dibromide	50.0	55.2		ug/Kg		110	70 - 140
Dibromomethane	50.0	54.1		ug/Kg		108	70 - 139
Dichlorodifluoromethane	50.0	47.9		ug/Kg		96	37 - 158
1,1-Dichloroethane	50.0	50.0		ug/Kg		100	70 - 130
1,2-Dichloroethane	50.0	53.7		ug/Kg		107	70 - 130
1,1-Dichloroethene	50.0	46.0		ug/Kg		92	76 - 122
cis-1,2-Dichloroethene	50.0	51.5		ug/Kg		103	70 - 138
trans-1,2-Dichloroethene	50.0	49.1		ug/Kg		98	67 - 130
1,2-Dichloropropane	50.0	52.0		ug/Kg		104	73 - 127
cis-1,3-Dichloropropene	50.0	59.3		ug/Kg		119	68 - 147
trans-1,3-Dichloropropene	50.0	67.3		ug/Kg		135	70 - 136
Ethylbenzene	50.0	44.0		ug/Kg		88	80 - 137
Hexachlorobutadiene	50.0	45.3		ug/Kg		91	70 - 132
2-Hexanone	250	262		ug/Kg		105	44 - 133
Isopropylbenzene	50.0	45.8		ug/Kg		92	70 - 130
4-Isopropyltoluene	50.0	45.5		ug/Kg		91	70 - 133
Methylene Chloride	50.0	48.7		ug/Kg		97	70 - 134
4-Methyl-2-pentanone (MIBK)	250	262		ug/Kg		105	60 - 160
Naphthalene	50.0	47.5		ug/Kg		95	60 - 147
N-Propylbenzene	50.0	43.6		ug/Kg		87	70 - 130
Styrene	50.0	49.1		ug/Kg		98	70 - 130
1,1,1,2-Tetrachloroethane	50.0	55.8		ug/Kg		112	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.4		ug/Kg		101	70 - 146
Tetrachloroethene	50.0	49.1		ug/Kg		98	70 - 132
Toluene	50.0	45.9		ug/Kg		92	80 - 128
1,2,3-Trichlorobenzene	50.0	47.5		ug/Kg		95	60 - 140
1,2,4-Trichlorobenzene	50.0	50.4		ug/Kg		101	60 - 140
1,1,1-Trichloroethane	50.0	51.9		ug/Kg		104	70 - 130
1,1,2-Trichloroethane	50.0	53.8		ug/Kg		108	70 - 130
Trichloroethene	50.0	49.3		ug/Kg		99	70 - 133
Trichlorofluoromethane	50.0	57.2		ug/Kg		114	60 - 140
1,2,3-Trichloropropane	50.0	51.5		ug/Kg		103	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.8		ug/Kg		94	60 - 140
1,2,4-Trimethylbenzene	50.0	45.1		ug/Kg		90	70 - 130
1,3,5-Trimethylbenzene	50.0	45.4		ug/Kg		91	70 - 131
Vinyl acetate	50.0	44.0		ug/Kg		88	38 - 176
Vinyl chloride	50.0	49.8		ug/Kg		100	58 - 125

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-165101/6

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	50.0	45.8		ug/Kg		92	70 - 146
o-Xylene	50.0	46.0		ug/Kg		92	70 - 140
2,2-Dichloropropane	50.0	54.4		ug/Kg		109	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		45 - 131
1,2-Dichloroethane-d4 (Surr)	106		60 - 140
Toluene-d8 (Surr)	99		58 - 140

Lab Sample ID: LCS 720-165101/8

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)	1000	1110		ug/Kg		111	61 - 128
-C5-C12							

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		45 - 131
1,2-Dichloroethane-d4 (Surr)	103		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: LCSD 720-165101/7

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	55.2		ug/Kg		110	70 - 144	2	20
Acetone	250	293		ug/Kg		117	30 - 162	5	30
Benzene	50.0	48.5		ug/Kg		97	70 - 130	1	20
Dichlorobromomethane	50.0	55.7		ug/Kg		111	70 - 131	1	20
Bromobenzene	50.0	49.0		ug/Kg		98	70 - 130	3	20
Chlorobromomethane	50.0	51.3		ug/Kg		103	70 - 130	3	20
Bromoform	50.0	55.4		ug/Kg		111	59 - 158	2	20
Bromomethane	50.0	54.0		ug/Kg		108	59 - 132	2	20
2-Butanone (MEK)	250	252		ug/Kg		101	53 - 124	3	20
n-Butylbenzene	50.0	46.6		ug/Kg		93	70 - 142	2	20
sec-Butylbenzene	50.0	44.8		ug/Kg		90	70 - 136	2	20
tert-Butylbenzene	50.0	45.1		ug/Kg		90	70 - 130	3	20
Carbon disulfide	50.0	46.4		ug/Kg		93	60 - 140	0	20
Carbon tetrachloride	50.0	56.2		ug/Kg		112	70 - 138	1	20
Chlorobenzene	50.0	49.0		ug/Kg		98	70 - 130	1	20
Chloroethane	50.0	51.3		ug/Kg		103	65 - 130	2	20
Chloroform	50.0	52.3		ug/Kg		105	77 - 127	1	20
Chloromethane	50.0	50.8		ug/Kg		102	55 - 140	4	20
2-Chlorotoluene	50.0	47.8		ug/Kg		96	70 - 138	2	20
4-Chlorotoluene	50.0	48.0		ug/Kg		96	70 - 136	2	20
Chlorodibromomethane	50.0	59.7		ug/Kg		119	70 - 146	2	20

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-165101/7

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	50.0	48.5		ug/Kg		97	70 - 130	1	20
1,3-Dichlorobenzene	50.0	48.1		ug/Kg		96	70 - 131	2	20
1,4-Dichlorobenzene	50.0	48.7		ug/Kg		97	70 - 130	2	20
1,3-Dichloropropane	50.0	52.5		ug/Kg		105	70 - 140	2	20
1,1-Dichloropropene	50.0	53.2		ug/Kg		106	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	50.0	51.3		ug/Kg		103	60 - 145	1	20
Ethylene Dibromide	50.0	53.4		ug/Kg		107	70 - 140	3	20
Dibromomethane	50.0	53.6		ug/Kg		107	70 - 139	1	20
Dichlorodifluoromethane	50.0	46.8		ug/Kg		94	37 - 158	2	20
1,1-Dichloroethane	50.0	50.9		ug/Kg		102	70 - 130	2	20
1,2-Dichloroethane	50.0	52.0		ug/Kg		104	70 - 130	3	20
1,1-Dichloroethene	50.0	46.2		ug/Kg		92	76 - 122	0	20
cis-1,2-Dichloroethene	50.0	51.2		ug/Kg		102	70 - 138	1	20
trans-1,2-Dichloroethene	50.0	49.2		ug/Kg		98	67 - 130	0	20
1,2-Dichloropropane	50.0	51.4		ug/Kg		103	73 - 127	1	20
cis-1,3-Dichloropropene	50.0	58.8		ug/Kg		118	68 - 147	1	20
trans-1,3-Dichloropropene	50.0	65.5		ug/Kg		131	70 - 136	3	20
Ethylbenzene	50.0	44.7		ug/Kg		89	80 - 137	2	20
Hexachlorobutadiene	50.0	46.6		ug/Kg		93	70 - 132	3	20
2-Hexanone	250	248		ug/Kg		99	44 - 133	5	20
Isopropylbenzene	50.0	46.4		ug/Kg		93	70 - 130	1	20
4-Isopropyltoluene	50.0	48.2		ug/Kg		96	70 - 133	6	20
Methylene Chloride	50.0	48.6		ug/Kg		97	70 - 134	0	20
4-Methyl-2-pentanone (MIBK)	250	253		ug/Kg		101	60 - 160	4	20
Naphthalene	50.0	47.9		ug/Kg		96	60 - 147	1	20
N-Propylbenzene	50.0	45.1		ug/Kg		90	70 - 130	3	20
Styrene	50.0	49.8		ug/Kg		100	70 - 130	1	20
1,1,1,2-Tetrachloroethane	50.0	56.5		ug/Kg		113	70 - 130	1	20
1,1,1,2,2-Tetrachloroethane	50.0	49.9		ug/Kg		100	70 - 146	1	20
Tetrachloroethene	50.0	49.3		ug/Kg		99	70 - 132	0	20
Toluene	50.0	46.6		ug/Kg		93	80 - 128	1	20
1,2,3-Trichlorobenzene	50.0	49.0		ug/Kg		98	60 - 140	3	20
1,2,4-Trichlorobenzene	50.0	51.2		ug/Kg		102	60 - 140	2	20
1,1,1-Trichloroethane	50.0	51.2		ug/Kg		102	70 - 130	1	20
1,1,2-Trichloroethane	50.0	52.3		ug/Kg		105	70 - 130	3	20
Trichloroethene	50.0	49.7		ug/Kg		99	70 - 133	1	20
Trichlorofluoromethane	50.0	56.5		ug/Kg		113	60 - 140	1	20
1,2,3-Trichloropropane	50.0	50.1		ug/Kg		100	70 - 146	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.5		ug/Kg		93	60 - 140	1	20
1,2,4-Trimethylbenzene	50.0	46.1		ug/Kg		92	70 - 130	2	20
1,3,5-Trimethylbenzene	50.0	46.5		ug/Kg		93	70 - 131	2	20
Vinyl acetate	50.0	43.1		ug/Kg		86	38 - 176	2	20
Vinyl chloride	50.0	51.0		ug/Kg		102	58 - 125	2	20
m-Xylene & p-Xylene	50.0	46.5		ug/Kg		93	70 - 146	2	20
o-Xylene	50.0	46.7		ug/Kg		93	70 - 140	2	20
2,2-Dichloropropane	50.0	54.6		ug/Kg		109	70 - 162	0	20

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-165101/7

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	101		45 - 131
1,2-Dichloroethane-d4 (Surr)	101		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: LCSD 720-165101/9

Matrix: Solid

Analysis Batch: 165101

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	1000	1140		ug/Kg		114	61 - 128	3	20
-C5-C12									

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	101		45 - 131
1,2-Dichloroethane-d4 (Surr)	107		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: MB 720-165167/5

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			08/18/14 18:46	1
Acetone	ND		50		ug/Kg			08/18/14 18:46	1
Benzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Dichlorobromomethane	ND		5.0		ug/Kg			08/18/14 18:46	1
Bromobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Chlorobromomethane	ND		20		ug/Kg			08/18/14 18:46	1
Bromoform	ND		5.0		ug/Kg			08/18/14 18:46	1
Bromomethane	ND		10		ug/Kg			08/18/14 18:46	1
2-Butanone (MEK)	ND		50		ug/Kg			08/18/14 18:46	1
n-Butylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
sec-Butylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
tert-Butylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Carbon disulfide	ND		5.0		ug/Kg			08/18/14 18:46	1
Carbon tetrachloride	ND		5.0		ug/Kg			08/18/14 18:46	1
Chlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Chloroethane	ND		10		ug/Kg			08/18/14 18:46	1
Chloroform	ND		5.0		ug/Kg			08/18/14 18:46	1
Chloromethane	ND		10		ug/Kg			08/18/14 18:46	1
2-Chlorotoluene	ND		5.0		ug/Kg			08/18/14 18:46	1
4-Chlorotoluene	ND		5.0		ug/Kg			08/18/14 18:46	1
Chlorodibromomethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,3-Dichloropropane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1-Dichloropropene	ND		5.0		ug/Kg			08/18/14 18:46	1

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-165167/5

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			08/18/14 18:46	1
Ethylene Dibromide	ND		5.0		ug/Kg			08/18/14 18:46	1
Dibromomethane	ND		10		ug/Kg			08/18/14 18:46	1
Dichlorodifluoromethane	ND		10		ug/Kg			08/18/14 18:46	1
1,1-Dichloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2-Dichloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1-Dichloroethene	ND		5.0		ug/Kg			08/18/14 18:46	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			08/18/14 18:46	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2-Dichloropropane	ND		5.0		ug/Kg			08/18/14 18:46	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			08/18/14 18:46	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			08/18/14 18:46	1
Ethylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Hexachlorobutadiene	ND		5.0		ug/Kg			08/18/14 18:46	1
2-Hexanone	ND		50		ug/Kg			08/18/14 18:46	1
Isopropylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
4-Isopropyltoluene	ND		5.0		ug/Kg			08/18/14 18:46	1
Methylene Chloride	ND		10		ug/Kg			08/18/14 18:46	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			08/18/14 18:46	1
Naphthalene	ND		10		ug/Kg			08/18/14 18:46	1
N-Propylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Styrene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
Tetrachloroethene	ND		5.0		ug/Kg			08/18/14 18:46	1
Toluene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
Trichloroethene	ND		5.0		ug/Kg			08/18/14 18:46	1
Trichlorofluoromethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			08/18/14 18:46	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			08/18/14 18:46	1
Vinyl acetate	ND		20		ug/Kg			08/18/14 18:46	1
Vinyl chloride	ND		5.0		ug/Kg			08/18/14 18:46	1
Xylenes, Total	ND		10		ug/Kg			08/18/14 18:46	1
2,2-Dichloropropane	ND		5.0		ug/Kg			08/18/14 18:46	1
Gasoline Range Organics (GRO)	ND		250		ug/Kg			08/18/14 18:46	1
-C5-C12									

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		45 - 131		08/18/14 18:46	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140		08/18/14 18:46	1
Toluene-d8 (Surr)	97		58 - 140		08/18/14 18:46	1

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-165167/6

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	54.1		ug/Kg		108	70 - 144
Acetone	250	245		ug/Kg		98	30 - 162
Benzene	50.0	49.0		ug/Kg		98	70 - 130
Dichlorobromomethane	50.0	56.7		ug/Kg		113	70 - 131
Bromobenzene	50.0	49.4		ug/Kg		99	70 - 130
Chlorobromomethane	50.0	50.2		ug/Kg		100	70 - 130
Bromoform	50.0	53.6		ug/Kg		107	59 - 158
Bromomethane	50.0	53.1		ug/Kg		106	59 - 132
2-Butanone (MEK)	250	231		ug/Kg		92	53 - 124
n-Butylbenzene	50.0	49.0		ug/Kg		98	70 - 142
sec-Butylbenzene	50.0	47.1		ug/Kg		94	70 - 136
tert-Butylbenzene	50.0	47.2		ug/Kg		94	70 - 130
Carbon disulfide	50.0	46.1		ug/Kg		92	60 - 140
Carbon tetrachloride	50.0	57.9		ug/Kg		116	70 - 138
Chlorobenzene	50.0	49.5		ug/Kg		99	70 - 130
Chloroethane	50.0	52.1		ug/Kg		104	65 - 130
Chloroform	50.0	53.6		ug/Kg		107	77 - 127
Chloromethane	50.0	48.8		ug/Kg		98	55 - 140
2-Chlorotoluene	50.0	50.0		ug/Kg		100	70 - 138
4-Chlorotoluene	50.0	50.0		ug/Kg		100	70 - 136
Chlorodibromomethane	50.0	59.1		ug/Kg		118	70 - 146
1,2-Dichlorobenzene	50.0	49.8		ug/Kg		100	70 - 130
1,3-Dichlorobenzene	50.0	49.6		ug/Kg		99	70 - 131
1,4-Dichlorobenzene	50.0	50.0		ug/Kg		100	70 - 130
1,3-Dichloropropane	50.0	53.0		ug/Kg		106	70 - 140
1,1-Dichloropropene	50.0	55.3		ug/Kg		111	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	50.8		ug/Kg		102	60 - 145
Ethylene Dibromide	50.0	53.5		ug/Kg		107	70 - 140
Dibromomethane	50.0	53.7		ug/Kg		107	70 - 139
Dichlorodifluoromethane	50.0	46.2		ug/Kg		92	37 - 158
1,1-Dichloroethane	50.0	51.7		ug/Kg		103	70 - 130
1,2-Dichloroethane	50.0	53.9		ug/Kg		108	70 - 130
1,1-Dichloroethene	50.0	45.5		ug/Kg		91	76 - 122
cis-1,2-Dichloroethene	50.0	52.8		ug/Kg		106	70 - 138
trans-1,2-Dichloroethene	50.0	49.1		ug/Kg		98	67 - 130
1,2-Dichloropropane	50.0	53.1		ug/Kg		106	73 - 127
cis-1,3-Dichloropropene	50.0	58.5		ug/Kg		117	68 - 147
trans-1,3-Dichloropropene	50.0	65.2		ug/Kg		130	70 - 136
Ethylbenzene	50.0	45.9		ug/Kg		92	80 - 137
Hexachlorobutadiene	50.0	48.6		ug/Kg		97	70 - 132
2-Hexanone	250	252		ug/Kg		101	44 - 133
Isopropylbenzene	50.0	47.5		ug/Kg		95	70 - 130
4-Isopropyltoluene	50.0	47.9		ug/Kg		96	70 - 133
Methylene Chloride	50.0	49.3		ug/Kg		99	70 - 134
4-Methyl-2-pentanone (MIBK)	250	263		ug/Kg		105	60 - 160
Naphthalene	50.0	48.3		ug/Kg		97	60 - 147
N-Propylbenzene	50.0	46.9		ug/Kg		94	70 - 130
Styrene	50.0	49.6		ug/Kg		99	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-165167/6

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	56.7		ug/Kg		113	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.4		ug/Kg		101	70 - 146
Tetrachloroethene	50.0	50.4		ug/Kg		101	70 - 132
Toluene	50.0	47.2		ug/Kg		94	80 - 128
1,2,3-Trichlorobenzene	50.0	49.5		ug/Kg		99	60 - 140
1,2,4-Trichlorobenzene	50.0	51.1		ug/Kg		102	60 - 140
1,1,1-Trichloroethane	50.0	53.0		ug/Kg		106	70 - 130
1,1,2-Trichloroethane	50.0	52.2		ug/Kg		104	70 - 130
Trichloroethene	50.0	50.1		ug/Kg		100	70 - 133
Trichlorofluoromethane	50.0	58.5		ug/Kg		117	60 - 140
1,2,3-Trichloropropane	50.0	50.3		ug/Kg		101	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.6		ug/Kg		91	60 - 140
1,2,4-Trimethylbenzene	50.0	48.0		ug/Kg		96	70 - 130
1,3,5-Trimethylbenzene	50.0	48.5		ug/Kg		97	70 - 131
Vinyl acetate	50.0	43.1		ug/Kg		86	38 - 176
Vinyl chloride	50.0	51.6		ug/Kg		103	58 - 125
m-Xylene & p-Xylene	50.0	47.5		ug/Kg		95	70 - 146
o-Xylene	50.0	47.7		ug/Kg		95	70 - 140
2,2-Dichloropropane	50.0	50.9		ug/Kg		102	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	101		60 - 140
Toluene-d8 (Surr)	99		58 - 140

Lab Sample ID: LCS 720-165167/8

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	1160		ug/Kg		116	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		45 - 131
1,2-Dichloroethane-d4 (Surr)	105		60 - 140
Toluene-d8 (Surr)	97		58 - 140

Lab Sample ID: LCSD 720-165167/7

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Methyl tert-butyl ether	50.0	53.5		ug/Kg		107	70 - 144	1	20
Acetone	250	261		ug/Kg		104	30 - 162	6	30
Benzene	50.0	48.4		ug/Kg		97	70 - 130	1	20
Dichlorobromomethane	50.0	56.0		ug/Kg		112	70 - 131	1	20

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-165167/7

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	50.0	49.1		ug/Kg		98	70 - 130	1	20
Chlorobromomethane	50.0	50.5		ug/Kg		101	70 - 130	1	20
Bromoform	50.0	53.9		ug/Kg		108	59 - 158	1	20
Bromomethane	50.0	54.0		ug/Kg		108	59 - 132	2	20
2-Butanone (MEK)	250	222		ug/Kg		89	53 - 124	4	20
n-Butylbenzene	50.0	47.4		ug/Kg		95	70 - 142	3	20
sec-Butylbenzene	50.0	46.3		ug/Kg		93	70 - 136	2	20
tert-Butylbenzene	50.0	46.4		ug/Kg		93	70 - 130	2	20
Carbon disulfide	50.0	46.1		ug/Kg		92	60 - 140	0	20
Carbon tetrachloride	50.0	56.8		ug/Kg		114	70 - 138	2	20
Chlorobenzene	50.0	50.0		ug/Kg		100	70 - 130	1	20
Chloroethane	50.0	52.0		ug/Kg		104	65 - 130	0	20
Chloroform	50.0	53.0		ug/Kg		106	77 - 127	1	20
Chloromethane	50.0	50.8		ug/Kg		102	55 - 140	4	20
2-Chlorotoluene	50.0	48.2		ug/Kg		96	70 - 138	4	20
4-Chlorotoluene	50.0	49.0		ug/Kg		98	70 - 136	2	20
Chlorodibromomethane	50.0	58.4		ug/Kg		117	70 - 146	1	20
1,2-Dichlorobenzene	50.0	49.5		ug/Kg		99	70 - 130	1	20
1,3-Dichlorobenzene	50.0	48.9		ug/Kg		98	70 - 131	1	20
1,4-Dichlorobenzene	50.0	49.8		ug/Kg		100	70 - 130	0	20
1,3-Dichloropropane	50.0	51.2		ug/Kg		102	70 - 140	3	20
1,1-Dichloropropene	50.0	53.7		ug/Kg		107	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	50.0	50.8		ug/Kg		102	60 - 145	0	20
Ethylene Dibromide	50.0	52.9		ug/Kg		106	70 - 140	1	20
Dibromomethane	50.0	52.5		ug/Kg		105	70 - 139	2	20
Dichlorodifluoromethane	50.0	46.1		ug/Kg		92	37 - 158	0	20
1,1-Dichloroethane	50.0	51.6		ug/Kg		103	70 - 130	0	20
1,2-Dichloroethane	50.0	51.7		ug/Kg		103	70 - 130	4	20
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	76 - 122	2	20
cis-1,2-Dichloroethene	50.0	51.4		ug/Kg		103	70 - 138	3	20
trans-1,2-Dichloroethene	50.0	49.3		ug/Kg		99	67 - 130	0	20
1,2-Dichloropropane	50.0	52.1		ug/Kg		104	73 - 127	2	20
cis-1,3-Dichloropropene	50.0	57.6		ug/Kg		115	68 - 147	2	20
trans-1,3-Dichloropropene	50.0	63.5		ug/Kg		127	70 - 136	3	20
Ethylbenzene	50.0	45.6		ug/Kg		91	80 - 137	1	20
Hexachlorobutadiene	50.0	48.1		ug/Kg		96	70 - 132	1	20
2-Hexanone	250	236		ug/Kg		94	44 - 133	7	20
Isopropylbenzene	50.0	47.2		ug/Kg		94	70 - 130	1	20
4-Isopropyltoluene	50.0	47.4		ug/Kg		95	70 - 133	1	20
Methylene Chloride	50.0	49.6		ug/Kg		99	70 - 134	1	20
4-Methyl-2-pentanone (MIBK)	250	244		ug/Kg		98	60 - 160	8	20
Naphthalene	50.0	48.1		ug/Kg		96	60 - 147	0	20
N-Propylbenzene	50.0	45.9		ug/Kg		92	70 - 130	2	20
Styrene	50.0	50.3		ug/Kg		101	70 - 130	1	20
1,1,1,2-Tetrachloroethane	50.0	57.3		ug/Kg		115	70 - 130	1	20
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/Kg		98	70 - 146	3	20
Tetrachloroethene	50.0	49.7		ug/Kg		99	70 - 132	1	20
Toluene	50.0	47.2		ug/Kg		94	80 - 128	0	20

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-165167/7

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	50.0	49.5		ug/Kg		99	60 - 140	0	20
1,2,4-Trichlorobenzene	50.0	50.9		ug/Kg		102	60 - 140	0	20
1,1,1-Trichloroethane	50.0	51.6		ug/Kg		103	70 - 130	3	20
1,1,2-Trichloroethane	50.0	51.6		ug/Kg		103	70 - 130	1	20
Trichloroethene	50.0	50.6		ug/Kg		101	70 - 133	1	20
Trichlorofluoromethane	50.0	57.6		ug/Kg		115	60 - 140	2	20
1,2,3-Trichloropropane	50.0	49.7		ug/Kg		99	70 - 146	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.2		ug/Kg		94	60 - 140	3	20
1,2,4-Trimethylbenzene	50.0	47.3		ug/Kg		95	70 - 130	1	20
1,3,5-Trimethylbenzene	50.0	47.8		ug/Kg		96	70 - 131	1	20
Vinyl acetate	50.0	40.8		ug/Kg		82	38 - 176	5	20
Vinyl chloride	50.0	51.7		ug/Kg		103	58 - 125	0	20
m-Xylene & p-Xylene	50.0	47.5		ug/Kg		95	70 - 146	0	20
o-Xylene	50.0	47.5		ug/Kg		95	70 - 140	0	20
2,2-Dichloropropane	50.0	48.4		ug/Kg		97	70 - 162	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	97		45 - 131
1,2-Dichloroethane-d4 (Surr)	99		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: LCSD 720-165167/9

Matrix: Solid

Analysis Batch: 165167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	1000	1130		ug/Kg		113	61 - 128	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	100		45 - 131
1,2-Dichloroethane-d4 (Surr)	104		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-165122/1-A

Matrix: Solid

Analysis Batch: 165299

Client Sample ID: Method Blank

Prep Type: Silica Gel Cleanup

Prep Batch: 165122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		08/18/14 09:56	08/20/14 19:47	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		08/18/14 09:56	08/20/14 19:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.009		0 - 1	08/18/14 09:56	08/20/14 19:47	1

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 720-165122/1-A
Matrix: Solid
Analysis Batch: 165299

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 165122

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	97		38 - 148	08/18/14 09:56	08/20/14 19:47	1

Lab Sample ID: LCS 720-165122/2-A
Matrix: Solid
Analysis Batch: 165299

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 165122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	82.9	48.6		mg/Kg		59	36 - 112
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
p-Terphenyl	99		38 - 148				

Lab Sample ID: LCSD 720-165122/3-A
Matrix: Solid
Analysis Batch: 165299

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 165122

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	82.8	49.2		mg/Kg		59	36 - 112	1	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
p-Terphenyl	105		38 - 148						

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-165179/1-A
Matrix: Solid
Analysis Batch: 165245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 165179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.13		mg/Kg		08/18/14 18:05	08/19/14 13:46	1
Chromium	ND		0.50		mg/Kg		08/18/14 18:05	08/19/14 13:46	1
Nickel	ND		0.50		mg/Kg		08/18/14 18:05	08/19/14 13:46	1
Lead	ND		0.50		mg/Kg		08/18/14 18:05	08/19/14 13:46	1
Zinc	ND		1.5		mg/Kg		08/18/14 18:05	08/19/14 13:46	1

Lab Sample ID: LCS 720-165179/2-A
Matrix: Solid
Analysis Batch: 165245

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 165179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	50.0	49.5		mg/Kg		99	80 - 120
Chromium	50.0	51.0		mg/Kg		102	80 - 120
Nickel	50.0	50.2		mg/Kg		100	80 - 120
Lead	50.0	50.1		mg/Kg		100	80 - 120
Zinc	50.0	47.1		mg/Kg		94	80 - 120

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 720-165179/3-A

Matrix: Solid

Analysis Batch: 165245

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 165179

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	50.0	48.2		mg/Kg		96	80 - 120	3	20
Chromium	50.0	50.1		mg/Kg		100	80 - 120	2	20
Nickel	50.0	48.7		mg/Kg		97	80 - 120	3	20
Lead	50.0	48.7		mg/Kg		97	80 - 120	3	20
Zinc	50.0	45.8		mg/Kg		92	80 - 120	3	20

Lab Sample ID: LCSSRM 720-165179/25-A

Matrix: Solid

Analysis Batch: 165245

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 165179

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	201	184		mg/Kg		92	67 - 118		
Chromium	106	100		mg/Kg		95	67 - 121		
Nickel	305	279		mg/Kg		92	65 - 117		
Lead	302	271		mg/Kg		90	62 - 113		
Zinc	388	359		mg/Kg		93	62 - 110		

TestAmerica Pleasanton

QC Association Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

GC/MS VOA

Analysis Batch: 165101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-20	B3-22/22.5	Total/NA	Solid	8260B/CA_LUFT	165137
720-59301-21	B3-31/31.5	Total/NA	Solid	MS	165137
LCS 720-165101/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT	165137
LCS 720-165101/8	Lab Control Sample	Total/NA	Solid	MS	165137
LCSD 720-165101/7	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT	165137
LCSD 720-165101/9	Lab Control Sample Dup	Total/NA	Solid	MS	165137
MB 720-165101/5	Method Blank	Total/NA	Solid	8260B/CA_LUFT	165137
				MS	

Prep Batch: 165137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-20	B3-22/22.5	Total/NA	Solid	5035	
720-59301-21	B3-31/31.5	Total/NA	Solid	5035	

Analysis Batch: 165167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-5	B1-12.5/13	Total/NA	Solid	8260B/CA_LUFT	165181
720-59301-13	B2-12.5/13	Total/NA	Solid	MS	165181
720-59301-14	B2-20.5/21	Total/NA	Solid	8260B/CA_LUFT	165181
LCS 720-165167/6	Lab Control Sample	Total/NA	Solid	MS	165181
LCS 720-165167/8	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT	165181
LCSD 720-165167/7	Lab Control Sample Dup	Total/NA	Solid	MS	165181
LCSD 720-165167/9	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT	165181
MB 720-165167/5	Method Blank	Total/NA	Solid	MS	165181
				8260B/CA_LUFT	
				MS	

Prep Batch: 165181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-5	B1-12.5/13	Total/NA	Solid	5035	
720-59301-13	B2-12.5/13	Total/NA	Solid	5035	
720-59301-14	B2-20.5/21	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 165122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-20	B3-22/22.5	Silica Gel Cleanup	Solid	3546	
720-59301-21	B3-31/31.5	Silica Gel Cleanup	Solid	3546	
LCS 720-165122/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	3546	
LCSD 720-165122/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	3546	
MB 720-165122/1-A	Method Blank	Silica Gel Cleanup	Solid	3546	

TestAmerica Pleasanton

QC Association Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

GC Semi VOA (Continued)

Analysis Batch: 165298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-20	B3-22/22.5	Silica Gel Cleanup	Solid	8015B	165122

Analysis Batch: 165299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-21	B3-31/31.5	Silica Gel Cleanup	Solid	8015B	165122
LCS 720-165122/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	8015B	165122
LCSD 720-165122/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	8015B	165122
MB 720-165122/1-A	Method Blank	Silica Gel Cleanup	Solid	8015B	165122

Metals

Prep Batch: 165179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-20	B3-22/22.5	Total/NA	Solid	3050B	
720-59301-21	B3-31/31.5	Total/NA	Solid	3050B	
LCS 720-165179/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-165179/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-165179/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-165179/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 165245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-165179/2-A	Lab Control Sample	Total/NA	Solid	6010B	165179
LCSD 720-165179/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	165179
LCSSRM 720-165179/25-A	Lab Control Sample	Total/NA	Solid	6010B	165179
MB 720-165179/1-A	Method Blank	Total/NA	Solid	6010B	165179

Analysis Batch: 165275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-20	B3-22/22.5	Total/NA	Solid	6010B	165179
720-59301-21	B3-31/31.5	Total/NA	Solid	6010B	165179

General Chemistry

Analysis Batch: 165050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-20	B3-22/22.5	Total/NA	Solid	Moisture	
720-59301-21	B3-31/31.5	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B1-12.5/13

Date Collected: 08/14/14 08:25

Date Received: 08/14/14 18:45

Lab Sample ID: 720-59301-5

Matrix: Solid

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			165181	08/14/14 21:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165167	08/18/14 21:14	ASC	TAL PLS

Client Sample ID: B2-12.5/13

Date Collected: 08/14/14 11:00

Date Received: 08/14/14 18:45

Lab Sample ID: 720-59301-13

Matrix: Solid

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			165181	08/14/14 21:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165167	08/18/14 21:43	ASC	TAL PLS

Client Sample ID: B2-20.5/21

Date Collected: 08/14/14 11:10

Date Received: 08/14/14 18:45

Lab Sample ID: 720-59301-14

Matrix: Solid

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			165181	08/14/14 21:30	LPL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165167	08/18/14 22:12	ASC	TAL PLS

Client Sample ID: B3-22/22.5

Date Collected: 08/14/14 13:40

Date Received: 08/14/14 18:45

Lab Sample ID: 720-59301-20

Matrix: Solid

Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			165137	08/14/14 21:30	PDR	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165101	08/18/14 12:42	ASC	TAL PLS
Silica Gel Cleanup	Prep	3546			165122	08/18/14 14:31	STL	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	165298	08/20/14 23:12	JL	TAL PLS
Total/NA	Prep	3050B			165179	08/18/14 18:05	CTD	TAL PLS
Total/NA	Analysis	6010B		4	165275	08/19/14 17:11	CAM	TAL PLS
Total/NA	Analysis	Moisture		1	165050	08/15/14 20:34	EYT	TAL PLS

Client Sample ID: B3-31/31.5

Date Collected: 08/14/14 14:00

Date Received: 08/14/14 18:45

Lab Sample ID: 720-59301-21

Matrix: Solid

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			165137	08/14/14 21:30	PDR	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165101	08/18/14 13:11	ASC	TAL PLS
Silica Gel Cleanup	Prep	3546			165122	08/18/14 14:31	STL	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	165299	08/20/14 23:12	JL	TAL PLS
Total/NA	Prep	3050B			165179	08/18/14 18:05	CTD	TAL PLS
Total/NA	Analysis	6010B		4	165275	08/19/14 17:16	CAM	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Client Sample ID: B3-31/31.5
Date Collected: 08/14/14 14:00
Date Received: 08/14/14 18:45

Lab Sample ID: 720-59301-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	165050	08/15/14 20:34	EYT	TAL PLS

Laboratory References:
TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
Moisture	Percent Moisture	EPA	TAL PLS

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-59301-5	B1-12.5/13	Solid	08/14/14 08:25	08/14/14 18:45
720-59301-13	B2-12.5/13	Solid	08/14/14 11:00	08/14/14 18:45
720-59301-14	B2-20.5/21	Solid	08/14/14 11:10	08/14/14 18:45
720-59301-20	B3-22/22.5	Solid	08/14/14 13:40	08/14/14 18:45
720-59301-21	B3-31/31.5	Solid	08/14/14 14:00	08/14/14 18:45

San Francisco
1220 Quarry Lane
TestAmerica Laboratories, Inc. - Pleasanton
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720.59301

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
155635

Client Contact		Project Manager: Mark Green		Site Contact: Paul Studemester		COC No: 1	
Green Environment Inc.		Tel/Fax: 650-508-8018 / 650-508-8005		Lab Contact: Dimple Sharma		Page 1 of 2	
1347 Laurel Street		Analysis Turnaround Time					
San Carlos, CA 94070		Calendar (C) or Work Days (W): (C)					
650-508-8018		TAT if different from Below					
650-508-5008		2 weeks					
Project Name: 988 Howard		1 week					
Site: 988 Howard Avenue, Burlingame		2 days					
P O #		1 day					
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservative	SDG No.
B1-1.75/2	8/1	8:10	Vials/blue	S	4	Y/N	SAVE/throw
B1-4.5/5	8/1	8:15					
B1-8/8.5	8/1	8:20					
B1-9/9.5	8/1	8:22					
B1-12.5/13	8/1	8:25					
B1-14.75/15.25	8/1	8:27					
B1-29.5/30	8/1	9:00					
CV1-1.5/2	8/1	10:40					
SV2	8/1	10:45					
SV3	8/1	11:00					
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other							
Possible Hazard Identification							
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							
Special Instructions/QC Requirements & Comments: Report soil sample results on a dry weight basis. Meet hold times.							
Please Preserve as needed + Secure, Place on hold for instructions							
Relinquished by: <u>P. Green</u>	Company: <u>GET</u>	Date/Time: <u>8/14/14 5:10 PM</u>	Received by: <u>[Signature]</u>	Date/Time: <u>8/14/14 1710</u>			
Relinquished by: <u>[Signature]</u>	Company: <u>TA</u>	Date/Time: <u>8/14/14 1845</u>	Received by: <u>[Signature]</u>	Date/Time: <u>8/14/14 1845</u>			
Return To Client ☐ Disposal By Lab ☒ Archive For ☐ Months							

720-59301 Chain of Custody



5.7, 4.1, 0.2

Caparas, Criselda

From: Mark Green [mark@greenenvironment.com]
Sent: Friday, August 15, 2014 2:58 PM
To: Caparas, Criselda
Subject: Re: Green Env 988 Howard Avenue Burlingame

Criselda:

Please analyze on normal lab turn soil samples B3-22/22.5 and B3-31/31.5 for TPHg/full scan VOCs (8260B), TPHd & TPHmo w silica gel (8015M), and LUFT 5 metals, and moisture content within hold time, Project # B141091. Thank you.

Mark

On Aug 15, 2014, at 2:38 PM, Caparas, Criselda <Criselda.Caparas@testamericainc.com> wrote:

Hi Mark.
Please make necessary changes on the attached COC and scan it back to me.
Thank you.

Best Regards

CRISELDA CAPARAS

Project Management Assistant

Test-America

THE LEADER IN ENVIRONMENTAL TESTING

1220 Quarry lane Pleasanton, CA 94566

Phone: 925.484.1919 x145

www.testamericainc.com



720-59301 Chain of Custody

<720-59301 COC.pdf>

Mark Green
President, Green Environment inc.
P: 650.508.8018
F: 650.508.8005
C: 650.280.5768
mark@greenenvironment.com

Celebrating our 23 years in business!

Add on J- 59301-2

Caparas, Criselda

From: Mark Green [mark@greenenvironment.com]
Sent: Monday, August 18, 2014 8:17 AM
To: Caparas, Criselda
Cc: Sharma, Dimple
Subject: Re: Green Env 988 Howard Avenue Burlingame

Criselda:

Please also add the following other soil samples for the same exact analytical suite meeting hold time:

B2-20.5/21, B2-12.5/13, B1-12.5/13.

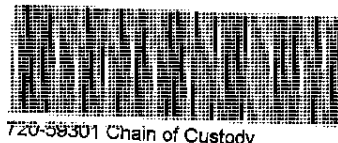
Thanks,

Mark

On Aug 15, 2014, at 3:05 PM, Caparas, Criselda <Criselda.Caparas@testamericainc.com> wrote:

Will do, we will send confirmation later.
 Have a good weekend.
 Thank you.

Best Regards
CRISELDA CAPARAS
 Project Management Assistant
 Test-America
 THE LEAD-ER IN ENVIRONMENTAL TESTING
 1220 Quarry lane Pleasanton, CA 94566
 Phone: 925.484.1919 x145
www.testamericainc.com



720-58301 Chain of Custody

From: Mark Green [mailto:mark@greenenvironment.com]
Sent: Friday, August 15, 2014 2:58 PM
To: Caparas, Criselda
Subject: Re: Green Env 988 Howard Avenue Burlingame

Criselda:

Please analyze on normal lab turn soil samples B3-22/22.5 and B3-31/31.5 for TPIIg/full scan VOCs (8260B), TPHd & TPIImo w silica gel (8015M), and LUFT 5 metals, and moisture content within hold time, Project # B141091. Thank you.

Mark

On Aug 15, 2014, at 2:38 PM, Caparas, Criselda <Criselda.Caparas@testamericainc.com> wrote:

Caparas, Criselda

720-59301-3

From: Mark Green [mark@greenenvironment.com]
Sent: Monday, August 25, 2014 4:58 PM
To: Caparas, Criselda
Subject: Re: Green Env 988 Howard Avenue Burlingame

Yes.

On Aug 25, 2014, at 4:51 PM, Caparas, Criselda <Criselda.Caparas@testamericainc.com> wrote:

Hi Mark.

Sample control said it's out of Hold for Terracores -7 days, do you want us to extract from the soil jars?

Please advice

Best Regards

CRISELDA CAPARAS

Project Management Assistant

Test-America

THE LEAD-ER IN ENVIRONMENTAL TESTING

1220 Quarry lane Pleasanton, CA 94566

Phone: 925.484.1919 x145

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From: Caparas, Criselda
Sent: Monday, August 25, 2014 3:32 PM
To: 'Mark Green'
Subject: RE: Green Env 988 Howard Avenue Burlingame

I requested add on below J-59301-3

soil samples B2-5/5.5 and B2-9.5/10 for TPHg/BTEX/MTBE within hold time.

Thank you.

Best Regards

CRISELDA CAPARAS

Project Management Assistant

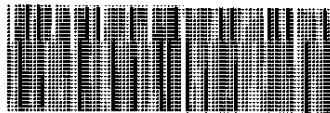
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THE LEAD-ER IN ENVIRONMENTAL TESTING

1220 Quarry lane Pleasanton, CA 94566

Phone: 925.484.1919 x145

www.testamericainc.com



720-59301 Chain of Custody

From: Mark Green [mailto:mark@greenenvironment.com]
Sent: Monday, August 25, 2014 3:11 PM
To: Caparas, Criselda
Subject: Re: Green Env 988 Howard Avenue Burlingame

Criselda-

Please analyze soil samples B2-5/5.5 and B2-9.5/10 for TPHg/BTEX/MTBE within hold time. Please confirm receipt of this order. Thanks.

Mark

Login Sample Receipt Checklist

Client: Green Environment Inc

Job Number: 720-59301-1

Login Number: 59301

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pleasanton

1220 Quarry Lane

Pleasanton, CA 94566

Tel: (925)484-1919

TestAmerica Job ID: 720-59301-3

Client Project/Site: 988 Howard

For:

Green Environment Inc

PO BOX 7138

San Carlos, California 94070

Attn: Mr. Mark Green



Authorized for release by:

9/3/2014 9:46:29 AM

Afsaneh Salimpour, Senior Project Manager

afsaneh.salimpour@testamericainc.com

Designee for

Dimple Sharma, Senior Project Manager

(925)484-1919

dimple.sharma@testamericainc.com

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Expert**

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

Job ID: 720-59301-3

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-59301-3

Comments

No additional comments.

Receipt

The samples were received on 8/14/2014 6:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 4.1° C and 5.2° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

Client Sample ID: B2-5/5.5

Lab Sample ID: 720-59301-11

☐ No Detections.

Client Sample ID: B2-9.5/10

Lab Sample ID: 720-59301-12

☐ No Detections.

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This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

Client Sample ID: B2-5/5.5

Lab Sample ID: 720-59301-11

Date Collected: 08/14/14 10:50

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 90.8

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.3		ug/Kg	☼	08/27/14 10:39	08/27/14 16:43	1
Benzene	ND		5.3		ug/Kg	☼	08/27/14 10:39	08/27/14 16:43	1
Ethylbenzene	ND		5.3		ug/Kg	☼	08/27/14 10:39	08/27/14 16:43	1
Toluene	ND		5.3		ug/Kg	☼	08/27/14 10:39	08/27/14 16:43	1
Xylenes, Total	ND		11		ug/Kg	☼	08/27/14 10:39	08/27/14 16:43	1
Gasoline Range Organics (GRO)	ND		260		ug/Kg	☼	08/27/14 10:39	08/27/14 16:43	1
-C5-C12									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131				08/27/14 10:39	08/27/14 16:43	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140				08/27/14 10:39	08/27/14 16:43	1
Toluene-d8 (Surr)	91		58 - 140				08/27/14 10:39	08/27/14 16:43	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

Client Sample ID: B2-9.5/10

Lab Sample ID: 720-59301-12

Date Collected: 08/14/14 10:55

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 92.7

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg	☼	08/27/14 10:39	08/27/14 17:12	1
Benzene	ND		4.8		ug/Kg	☼	08/27/14 10:39	08/27/14 17:12	1
Ethylbenzene	ND		4.8		ug/Kg	☼	08/27/14 10:39	08/27/14 17:12	1
Toluene	ND		4.8		ug/Kg	☼	08/27/14 10:39	08/27/14 17:12	1
Xylenes, Total	ND		9.6		ug/Kg	☼	08/27/14 10:39	08/27/14 17:12	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg	☼	08/27/14 10:39	08/27/14 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131				08/27/14 10:39	08/27/14 17:12	1
1,2-Dichloroethane-d4 (Surr)	102		60 - 140				08/27/14 10:39	08/27/14 17:12	1
Toluene-d8 (Surr)	91		58 - 140				08/27/14 10:39	08/27/14 17:12	1

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-165703/4

Matrix: Solid

Analysis Batch: 165703

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			08/27/14 08:59	1
Benzene	ND		5.0		ug/Kg			08/27/14 08:59	1
Ethylbenzene	ND		5.0		ug/Kg			08/27/14 08:59	1
Toluene	ND		5.0		ug/Kg			08/27/14 08:59	1
Xylenes, Total	ND		10		ug/Kg			08/27/14 08:59	1
Gasoline Range Organics (GRO)	ND		250		ug/Kg			08/27/14 08:59	1
-C5-C12									

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131		08/27/14 08:59	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 140		08/27/14 08:59	1
Toluene-d8 (Surr)	93		58 - 140		08/27/14 08:59	1

Lab Sample ID: LCS 720-165703/5

Matrix: Solid

Analysis Batch: 165703

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	49.7		ug/Kg		99	70 - 144
Benzene	50.0	45.3		ug/Kg		91	70 - 130
Ethylbenzene	50.0	45.6		ug/Kg		91	80 - 137
Toluene	50.0	45.5		ug/Kg		91	80 - 128
m-Xylene & p-Xylene	50.0	47.6		ug/Kg		95	70 - 146
o-Xylene	50.0	47.9		ug/Kg		96	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	99		60 - 140
Toluene-d8 (Surr)	94		58 - 140

Lab Sample ID: LCS 720-165703/7

Matrix: Solid

Analysis Batch: 165703

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)	1000	1100		ug/Kg		110	61 - 128
-C5-C12							

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	97		45 - 131
1,2-Dichloroethane-d4 (Surr)	103		60 - 140
Toluene-d8 (Surr)	95		58 - 140

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-165703/6

Matrix: Solid

Analysis Batch: 165703

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	47.8		ug/Kg		96	70 - 144	4	20
Benzene	50.0	46.0		ug/Kg		92	70 - 130	2	20
Ethylbenzene	50.0	43.6		ug/Kg		87	80 - 137	4	20
Toluene	50.0	44.8		ug/Kg		90	80 - 128	2	20
m-Xylene & p-Xylene	50.0	45.8		ug/Kg		92	70 - 146	4	20
o-Xylene	50.0	45.8		ug/Kg		92	70 - 140	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	94		45 - 131
1,2-Dichloroethane-d4 (Surr)	96		60 - 140
Toluene-d8 (Surr)	96		58 - 140

Lab Sample ID: LCSD 720-165703/8

Matrix: Solid

Analysis Batch: 165703

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	1000	1040		ug/Kg		104	61 - 128	5	20
-C5-C12									

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	96		45 - 131
1,2-Dichloroethane-d4 (Surr)	100		60 - 140
Toluene-d8 (Surr)	94		58 - 140

TestAmerica Pleasanton

QC Association Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

GC/MS VOA

Analysis Batch: 165703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-11	B2-5/5.5	Total/NA	Solid	8260B/CA_LUFT MS	165716
720-59301-12	B2-9.5/10	Total/NA	Solid	8260B/CA_LUFT MS	165716
LCS 720-165703/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 720-165703/7	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-165703/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-165703/8	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
MB 720-165703/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

Prep Batch: 165716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-11	B2-5/5.5	Total/NA	Solid	5030B	
720-59301-12	B2-9.5/10	Total/NA	Solid	5030B	

General Chemistry

Analysis Batch: 165928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59301-11	B2-5/5.5	Total/NA	Solid	Moisture	
720-59301-11 DU	B2-5/5.5	Total/NA	Solid	Moisture	
720-59301-12	B2-9.5/10	Total/NA	Solid	Moisture	

TestAmerica Pleasanton

Lab Chronicle

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

Client Sample ID: B2-5/5.5

Lab Sample ID: 720-59301-11

Date Collected: 08/14/14 10:50

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			165716	08/27/14 10:39	YYB	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165703	08/27/14 16:43	ASC	TAL PLS
Total/NA	Analysis	Moisture		1	165928	08/29/14 15:05	MJK	TAL PLS

Client Sample ID: B2-9.5/10

Lab Sample ID: 720-59301-12

Date Collected: 08/14/14 10:55

Matrix: Solid

Date Received: 08/14/14 18:45

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			165716	08/27/14 10:39	YYB	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	165703	08/27/14 17:12	ASC	TAL PLS
Total/NA	Analysis	Moisture		1	165928	08/29/14 15:05	MJK	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTM S Moisture	8260B / CA LUFT MS Percent Moisture	SW846 EPA	TAL PLS TAL PLS

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

TestAmerica Pleasanton

Sample Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59301-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-59301-11	B2-5/5.5	Solid	08/14/14 10:50	08/14/14 18:45
720-59301-12	B2-9.5/10	Solid	08/14/14 10:55	08/14/14 18:45

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Caparas, Criselda

720-59301-3

From: Mark Green [mailto:greenw@greenwchvent.com]
Sent: Monday, August 25, 2014 4:58 PM
To: Caparas, Criselda
Subject: Re: Green Env 988 Howard Avenue Burlingame

Yes.

On Aug 25, 2014, at 4:51 PM, Caparas, Criselda <Criselda.Caparas@testamerica.com> wrote:

Hi Mark:
 Sample control said it's out of hold for Tetrachloro - / days, do you want us to extract from the soil jars?
 Please advise

Best Regards
CRISELDA CAPARAS
 Project Management Assistant
 Test-America
 FIELD & ENVIRONMENTAL TESTING
 1220 Quarry Lane Pleasanton, CA 94566
 Phone: 925.484.1919 x145
www.testamerica.com

From: Caparas, Criselda
Sent: Monday, August 25, 2014 3:32 PM
To: Mark Green
Subject: RE: Green Env 988 Howard Avenue Burlingame

I requested add on below 9-99101-1
 soil samples B2-S/5.5 and B2-0.5/10 for TPH/TET/MTH within hold time.
 Thank you

Best Regards
CRISELDA CAPARAS
 Project Management Assistant
 Test-America
 FIELD & ENVIRONMENTAL TESTING
 1220 Quarry Lane Pleasanton, CA 94566
 Phone: 925.484.1919 x145
www.testamerica.com



720-59301 Green Env Country

From: Mark Green [mailto:greenw@greenwchvent.com]
Sent: Monday, August 25, 2014 3:11 PM
To: Caparas, Criselda
Subject: Re: Green Env 988 Howard Avenue Burlingame

Criselda-

Please analyze soil samples B2-S/5.5 and B2-0.5/10 for TPH/TET/MTH within hold time. Please confirm receipt of this order. Thanks

Mark

8/25/2014

Login Sample Receipt Checklist

Client: Green Environment Inc

Job Number: 720-59301-3

Login Number: 59301

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pleasanton

1220 Quarry Lane

Pleasanton, CA 94566

Tel: (925)484-1919

TestAmerica Job ID: 720-59308-1

Client Project/Site: 988 Howard

For:

Green Environment Inc

PO BOX 7138

San Carlos, California 94070

Attn: Mr. Mark Green



Authorized for release by:

8/22/2014 11:42:19 AM

Afsaneh Salimpour, Senior Project Manager

afsaneh.salimpour@testamericainc.com

Designee for

Dimple Sharma, Senior Project Manager

(925)484-1919

dimple.sharma@testamericainc.com

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Job ID: 720-59308-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-59308-1

Comments

No additional comments.

Receipt

The samples were received on 8/14/2014 6:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

Except:

Client noted on the COC "Please attempt TEPH 8015B on B2-GW, Limited volume on amber".

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C SGC: Possible loss of analytes due to the presence of sediments.

Method(s) 3510C SGC: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: The sample is less than 800ml.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Client Sample ID: B1-GW

Lab Sample ID: 720-59308-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	1.0		0.50		ug/L	1			8260B/CA_LUFT	Total/NA
Zinc	0.037		0.020		mg/L	1			MS 6010B	Dissolved

Client Sample ID: B2-GW

Lab Sample ID: 720-59308-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Methyl tert-butyl ether	28		0.50		ug/L	1			8260B/CA_LUFT	Total/NA
Motor Oil Range Organics [C24-C36]	1000		350		ug/L	1			MS 8015B	Silica Gel Cleanup

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Client Sample ID: B1-GW

Lab Sample ID: 720-59308-1

Date Collected: 08/14/14 14:30

Matrix: Water

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/18/14 16:54	1
Acetone	ND		50		ug/L			08/18/14 16:54	1
Benzene	ND		0.50		ug/L			08/18/14 16:54	1
Dichlorobromomethane	ND		0.50		ug/L			08/18/14 16:54	1
Bromobenzene	ND		1.0		ug/L			08/18/14 16:54	1
Chlorobromomethane	ND		1.0		ug/L			08/18/14 16:54	1
Bromoform	ND		1.0		ug/L			08/18/14 16:54	1
Bromomethane	ND		1.0		ug/L			08/18/14 16:54	1
2-Butanone (MEK)	ND		50		ug/L			08/18/14 16:54	1
n-Butylbenzene	ND		1.0		ug/L			08/18/14 16:54	1
sec-Butylbenzene	ND		1.0		ug/L			08/18/14 16:54	1
tert-Butylbenzene	ND		1.0		ug/L			08/18/14 16:54	1
Carbon disulfide	ND		5.0		ug/L			08/18/14 16:54	1
Carbon tetrachloride	ND		0.50		ug/L			08/18/14 16:54	1
Chlorobenzene	ND		0.50		ug/L			08/18/14 16:54	1
Chloroethane	ND		1.0		ug/L			08/18/14 16:54	1
Chloroform	ND		1.0		ug/L			08/18/14 16:54	1
Chloromethane	ND		1.0		ug/L			08/18/14 16:54	1
2-Chlorotoluene	ND		0.50		ug/L			08/18/14 16:54	1
4-Chlorotoluene	ND		0.50		ug/L			08/18/14 16:54	1
Chlorodibromomethane	ND		0.50		ug/L			08/18/14 16:54	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/18/14 16:54	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/18/14 16:54	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/18/14 16:54	1
1,3-Dichloropropane	ND		1.0		ug/L			08/18/14 16:54	1
1,1-Dichloropropene	ND		0.50		ug/L			08/18/14 16:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/18/14 16:54	1
Ethylene Dibromide	ND		0.50		ug/L			08/18/14 16:54	1
Dibromomethane	ND		0.50		ug/L			08/18/14 16:54	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/18/14 16:54	1
1,1-Dichloroethane	ND		0.50		ug/L			08/18/14 16:54	1
1,2-Dichloroethane	ND		0.50		ug/L			08/18/14 16:54	1
1,1-Dichloroethene	ND		0.50		ug/L			08/18/14 16:54	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/18/14 16:54	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/18/14 16:54	1
1,2-Dichloropropane	ND		0.50		ug/L			08/18/14 16:54	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/18/14 16:54	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/18/14 16:54	1
Ethylbenzene	ND		0.50		ug/L			08/18/14 16:54	1
Hexachlorobutadiene	ND		1.0		ug/L			08/18/14 16:54	1
2-Hexanone	ND		50		ug/L			08/18/14 16:54	1
Isopropylbenzene	ND		0.50		ug/L			08/18/14 16:54	1
4-Isopropyltoluene	ND		1.0		ug/L			08/18/14 16:54	1
Methylene Chloride	ND		5.0		ug/L			08/18/14 16:54	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/18/14 16:54	1
Naphthalene	ND		1.0		ug/L			08/18/14 16:54	1
N-Propylbenzene	ND		1.0		ug/L			08/18/14 16:54	1
Styrene	ND		0.50		ug/L			08/18/14 16:54	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/18/14 16:54	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Client Sample ID: B1-GW

Lab Sample ID: 720-59308-1

Date Collected: 08/14/14 14:30

Matrix: Water

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/18/14 16:54	1
Tetrachloroethene	1.0		0.50		ug/L			08/18/14 16:54	1
Toluene	ND		0.50		ug/L			08/18/14 16:54	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/18/14 16:54	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/18/14 16:54	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/18/14 16:54	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/18/14 16:54	1
Trichloroethene	ND		0.50		ug/L			08/18/14 16:54	1
Trichlorofluoromethane	ND		1.0		ug/L			08/18/14 16:54	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/18/14 16:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/18/14 16:54	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/18/14 16:54	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/18/14 16:54	1
Vinyl acetate	ND		10		ug/L			08/18/14 16:54	1
Vinyl chloride	ND		0.50		ug/L			08/18/14 16:54	1
Xylenes, Total	ND		1.0		ug/L			08/18/14 16:54	1
2,2-Dichloropropane	ND		0.50		ug/L			08/18/14 16:54	1
Gasoline Range Organics (GRO)	ND		50		ug/L			08/18/14 16:54	1
-C5-C12									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		67 - 130					08/18/14 16:54	1
1,2-Dichloroethane-d4 (Surr)	95		72 - 130					08/18/14 16:54	1
Toluene-d8 (Surr)	95		70 - 130					08/18/14 16:54	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		60		ug/L		08/18/14 15:30	08/19/14 12:08	1
Motor Oil Range Organics [C24-C36]	ND		120		ug/L		08/18/14 15:30	08/19/14 12:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.004		0 - 5				08/18/14 15:30	08/19/14 12:08	1
p-Terphenyl	101		31 - 150				08/18/14 15:30	08/19/14 12:08	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0020		mg/L		08/20/14 16:57	08/20/14 22:19	1
Chromium	ND		0.010		mg/L		08/20/14 16:57	08/20/14 22:19	1
Nickel	ND		0.010		mg/L		08/20/14 16:57	08/20/14 22:19	1
Lead	ND		0.0050		mg/L		08/20/14 16:57	08/20/14 22:19	1
Zinc	0.037		0.020		mg/L		08/20/14 16:57	08/20/14 22:19	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Client Sample ID: B2-GW

Lab Sample ID: 720-59308-2

Date Collected: 08/14/14 16:15

Matrix: Water

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	28		0.50		ug/L			08/18/14 17:23	1
Acetone	ND		50		ug/L			08/18/14 17:23	1
Benzene	ND		0.50		ug/L			08/18/14 17:23	1
Dichlorobromomethane	ND		0.50		ug/L			08/18/14 17:23	1
Bromobenzene	ND		1.0		ug/L			08/18/14 17:23	1
Chlorobromomethane	ND		1.0		ug/L			08/18/14 17:23	1
Bromoform	ND		1.0		ug/L			08/18/14 17:23	1
Bromomethane	ND		1.0		ug/L			08/18/14 17:23	1
2-Butanone (MEK)	ND		50		ug/L			08/18/14 17:23	1
n-Butylbenzene	ND		1.0		ug/L			08/18/14 17:23	1
sec-Butylbenzene	ND		1.0		ug/L			08/18/14 17:23	1
tert-Butylbenzene	ND		1.0		ug/L			08/18/14 17:23	1
Carbon disulfide	ND		5.0		ug/L			08/18/14 17:23	1
Carbon tetrachloride	ND		0.50		ug/L			08/18/14 17:23	1
Chlorobenzene	ND		0.50		ug/L			08/18/14 17:23	1
Chloroethane	ND		1.0		ug/L			08/18/14 17:23	1
Chloroform	ND		1.0		ug/L			08/18/14 17:23	1
Chloromethane	ND		1.0		ug/L			08/18/14 17:23	1
2-Chlorotoluene	ND		0.50		ug/L			08/18/14 17:23	1
4-Chlorotoluene	ND		0.50		ug/L			08/18/14 17:23	1
Chlorodibromomethane	ND		0.50		ug/L			08/18/14 17:23	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/18/14 17:23	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/18/14 17:23	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/18/14 17:23	1
1,3-Dichloropropane	ND		1.0		ug/L			08/18/14 17:23	1
1,1-Dichloropropene	ND		0.50		ug/L			08/18/14 17:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/18/14 17:23	1
Ethylene Dibromide	ND		0.50		ug/L			08/18/14 17:23	1
Dibromomethane	ND		0.50		ug/L			08/18/14 17:23	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/18/14 17:23	1
1,1-Dichloroethane	ND		0.50		ug/L			08/18/14 17:23	1
1,2-Dichloroethane	ND		0.50		ug/L			08/18/14 17:23	1
1,1-Dichloroethene	ND		0.50		ug/L			08/18/14 17:23	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/18/14 17:23	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/18/14 17:23	1
1,2-Dichloropropane	ND		0.50		ug/L			08/18/14 17:23	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/18/14 17:23	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/18/14 17:23	1
Ethylbenzene	ND		0.50		ug/L			08/18/14 17:23	1
Hexachlorobutadiene	ND		1.0		ug/L			08/18/14 17:23	1
2-Hexanone	ND		50		ug/L			08/18/14 17:23	1
Isopropylbenzene	ND		0.50		ug/L			08/18/14 17:23	1
4-Isopropyltoluene	ND		1.0		ug/L			08/18/14 17:23	1
Methylene Chloride	ND		5.0		ug/L			08/18/14 17:23	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/18/14 17:23	1
Naphthalene	ND		1.0		ug/L			08/18/14 17:23	1
N-Propylbenzene	ND		1.0		ug/L			08/18/14 17:23	1
Styrene	ND		0.50		ug/L			08/18/14 17:23	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/18/14 17:23	1

TestAmerica Pleasanton

Client Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Client Sample ID: B2-GW

Lab Sample ID: 720-59308-2

Date Collected: 08/14/14 16:15

Matrix: Water

Date Received: 08/14/14 18:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/18/14 17:23	1
Tetrachloroethene	ND		0.50		ug/L			08/18/14 17:23	1
Toluene	ND		0.50		ug/L			08/18/14 17:23	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/18/14 17:23	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/18/14 17:23	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/18/14 17:23	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/18/14 17:23	1
Trichloroethene	ND		0.50		ug/L			08/18/14 17:23	1
Trichlorofluoromethane	ND		1.0		ug/L			08/18/14 17:23	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/18/14 17:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/18/14 17:23	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/18/14 17:23	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/18/14 17:23	1
Vinyl acetate	ND		10		ug/L			08/18/14 17:23	1
Vinyl chloride	ND		0.50		ug/L			08/18/14 17:23	1
Xylenes, Total	ND		1.0		ug/L			08/18/14 17:23	1
2,2-Dichloropropane	ND		0.50		ug/L			08/18/14 17:23	1
Gasoline Range Organics (GRO)	ND		50		ug/L			08/18/14 17:23	1
-C5-C12									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130		08/18/14 17:23	1
1,2-Dichloroethane-d4 (Surr)	99		72 - 130		08/18/14 17:23	1
Toluene-d8 (Surr)	96		70 - 130		08/18/14 17:23	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		180		ug/L		08/21/14 09:50	08/21/14 15:07	1
Motor Oil Range Organics [C24-C36]	1000		350		ug/L		08/21/14 09:50	08/21/14 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.009		0 - 5	08/21/14 09:50	08/21/14 15:07	1
p-Terphenyl	85		31 - 150	08/21/14 09:50	08/21/14 15:07	1

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-165103/5

Matrix: Water

Analysis Batch: 165103

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/18/14 09:15	1
Acetone	ND		50		ug/L			08/18/14 09:15	1
Benzene	ND		0.50		ug/L			08/18/14 09:15	1
Dichlorobromomethane	ND		0.50		ug/L			08/18/14 09:15	1
Bromobenzene	ND		1.0		ug/L			08/18/14 09:15	1
Chlorobromomethane	ND		1.0		ug/L			08/18/14 09:15	1
Bromoform	ND		1.0		ug/L			08/18/14 09:15	1
Bromomethane	ND		1.0		ug/L			08/18/14 09:15	1
2-Butanone (MEK)	ND		50		ug/L			08/18/14 09:15	1
n-Butylbenzene	ND		1.0		ug/L			08/18/14 09:15	1
sec-Butylbenzene	ND		1.0		ug/L			08/18/14 09:15	1
tert-Butylbenzene	ND		1.0		ug/L			08/18/14 09:15	1
Carbon disulfide	ND		5.0		ug/L			08/18/14 09:15	1
Carbon tetrachloride	ND		0.50		ug/L			08/18/14 09:15	1
Chlorobenzene	ND		0.50		ug/L			08/18/14 09:15	1
Chloroethane	ND		1.0		ug/L			08/18/14 09:15	1
Chloroform	ND		1.0		ug/L			08/18/14 09:15	1
Chloromethane	ND		1.0		ug/L			08/18/14 09:15	1
2-Chlorotoluene	ND		0.50		ug/L			08/18/14 09:15	1
4-Chlorotoluene	ND		0.50		ug/L			08/18/14 09:15	1
Chlorodibromomethane	ND		0.50		ug/L			08/18/14 09:15	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/18/14 09:15	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/18/14 09:15	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/18/14 09:15	1
1,3-Dichloropropane	ND		1.0		ug/L			08/18/14 09:15	1
1,1-Dichloropropene	ND		0.50		ug/L			08/18/14 09:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/18/14 09:15	1
Ethylene Dibromide	ND		0.50		ug/L			08/18/14 09:15	1
Dibromomethane	ND		0.50		ug/L			08/18/14 09:15	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/18/14 09:15	1
1,1-Dichloroethane	ND		0.50		ug/L			08/18/14 09:15	1
1,2-Dichloroethane	ND		0.50		ug/L			08/18/14 09:15	1
1,1-Dichloroethene	ND		0.50		ug/L			08/18/14 09:15	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/18/14 09:15	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/18/14 09:15	1
1,2-Dichloropropane	ND		0.50		ug/L			08/18/14 09:15	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/18/14 09:15	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/18/14 09:15	1
Ethylbenzene	ND		0.50		ug/L			08/18/14 09:15	1
Hexachlorobutadiene	ND		1.0		ug/L			08/18/14 09:15	1
2-Hexanone	ND		50		ug/L			08/18/14 09:15	1
Isopropylbenzene	ND		0.50		ug/L			08/18/14 09:15	1
4-Isopropyltoluene	ND		1.0		ug/L			08/18/14 09:15	1
Methylene Chloride	ND		5.0		ug/L			08/18/14 09:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/18/14 09:15	1
Naphthalene	ND		1.0		ug/L			08/18/14 09:15	1
N-Propylbenzene	ND		1.0		ug/L			08/18/14 09:15	1
Styrene	ND		0.50		ug/L			08/18/14 09:15	1

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-165103/5

Matrix: Water

Analysis Batch: 165103

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/18/14 09:15	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/18/14 09:15	1
Tetrachloroethene	ND		0.50		ug/L			08/18/14 09:15	1
Toluene	ND		0.50		ug/L			08/18/14 09:15	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/18/14 09:15	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/18/14 09:15	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/18/14 09:15	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/18/14 09:15	1
Trichloroethene	ND		0.50		ug/L			08/18/14 09:15	1
Trichlorofluoromethane	ND		1.0		ug/L			08/18/14 09:15	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/18/14 09:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/18/14 09:15	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/18/14 09:15	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/18/14 09:15	1
Vinyl acetate	ND		10		ug/L			08/18/14 09:15	1
Vinyl chloride	ND		0.50		ug/L			08/18/14 09:15	1
Xylenes, Total	ND		1.0		ug/L			08/18/14 09:15	1
2,2-Dichloropropane	ND		0.50		ug/L			08/18/14 09:15	1
Gasoline Range Organics (GRO)	ND		50		ug/L			08/18/14 09:15	1
-C5-C12									

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		67 - 130		08/18/14 09:15	1
1,2-Dichloroethane-d4 (Surr)	98		72 - 130		08/18/14 09:15	1
Toluene-d8 (Surr)	98		70 - 130		08/18/14 09:15	1

Lab Sample ID: LCS 720-165103/6

Matrix: Water

Analysis Batch: 165103

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	25.5		ug/L		102	62 - 130
Acetone	125	146		ug/L		117	26 - 180
Benzene	25.0	25.1		ug/L		100	79 - 130
Dichlorobromomethane	25.0	25.0		ug/L		100	70 - 130
Bromobenzene	25.0	24.6		ug/L		98	70 - 130
Chlorobromomethane	25.0	24.1		ug/L		97	70 - 130
Bromoform	25.0	25.7		ug/L		103	68 - 136
Bromomethane	25.0	21.5		ug/L		86	43 - 151
2-Butanone (MEK)	125	144		ug/L		115	54 - 130
n-Butylbenzene	25.0	25.7		ug/L		103	70 - 142
sec-Butylbenzene	25.0	24.7		ug/L		99	70 - 134
tert-Butylbenzene	25.0	24.6		ug/L		98	70 - 135
Carbon disulfide	25.0	23.9		ug/L		96	58 - 130
Carbon tetrachloride	25.0	24.7		ug/L		99	70 - 146
Chlorobenzene	25.0	24.1		ug/L		96	70 - 130
Chloroethane	25.0	21.9		ug/L		87	62 - 138
Chloroform	25.0	24.4		ug/L		98	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-165103/6

Matrix: Water

Analysis Batch: 165103

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				Limits
Chloromethane	25.0	22.4		ug/L		90	52 - 175
2-Chlorotoluene	25.0	25.6		ug/L		102	70 - 130
4-Chlorotoluene	25.0	25.7		ug/L		103	70 - 130
Chlorodibromomethane	25.0	25.9		ug/L		104	70 - 145
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	70 - 130
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	70 - 130
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	70 - 130
1,3-Dichloropropane	25.0	24.8		ug/L		99	70 - 130
1,1-Dichloropropene	25.0	26.2		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	25.7		ug/L		103	70 - 136
Ethylene Dibromide	25.0	25.2		ug/L		101	70 - 130
Dibromomethane	25.0	24.6		ug/L		99	70 - 130
Dichlorodifluoromethane	25.0	21.0		ug/L		84	34 - 132
1,1-Dichloroethane	25.0	25.0		ug/L		100	70 - 130
1,2-Dichloroethane	25.0	24.1		ug/L		96	61 - 132
1,1-Dichloroethene	25.0	22.1		ug/L		88	64 - 128
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	70 - 130
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	68 - 130
1,2-Dichloropropane	25.0	25.5		ug/L		102	70 - 130
cis-1,3-Dichloropropene	25.0	27.1		ug/L		108	70 - 130
trans-1,3-Dichloropropene	25.0	29.4		ug/L		117	70 - 140
Ethylbenzene	25.0	24.2		ug/L		97	80 - 120
Hexachlorobutadiene	25.0	24.6		ug/L		98	70 - 130
2-Hexanone	125	130		ug/L		104	60 - 164
Isopropylbenzene	25.0	24.7		ug/L		99	70 - 130
4-Isopropyltoluene	25.0	24.5		ug/L		98	70 - 130
Methylene Chloride	25.0	25.1		ug/L		101	70 - 147
4-Methyl-2-pentanone (MIBK)	125	131		ug/L		105	58 - 130
Naphthalene	25.0	26.2		ug/L		105	70 - 130
N-Propylbenzene	25.0	25.6		ug/L		103	70 - 130
Styrene	25.0	26.5		ug/L		106	70 - 130
1,1,1,2-Tetrachloroethane	25.0	25.4		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.0		ug/L		100	70 - 130
Tetrachloroethene	25.0	24.0		ug/L		96	70 - 130
Toluene	25.0	24.1		ug/L		97	78 - 120
1,2,3-Trichlorobenzene	25.0	24.6		ug/L		98	70 - 130
1,2,4-Trichlorobenzene	25.0	25.7		ug/L		103	70 - 130
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	70 - 130
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	70 - 130
Trichloroethene	25.0	24.1		ug/L		96	70 - 130
Trichlorofluoromethane	25.0	24.9		ug/L		100	66 - 132
1,2,3-Trichloropropane	25.0	25.6		ug/L		102	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.2		ug/L		85	42 - 162
1,2,4-Trimethylbenzene	25.0	25.0		ug/L		100	70 - 132
1,3,5-Trimethylbenzene	25.0	25.4		ug/L		102	70 - 130
Vinyl acetate	25.0	21.4		ug/L		86	43 - 163
Vinyl chloride	25.0	19.7		ug/L		79	54 - 135

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-165103/6

Matrix: Water

Analysis Batch: 165103

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	25.0	24.0		ug/L		96	70 - 142
o-Xylene	25.0	24.6		ug/L		98	70 - 130
2,2-Dichloropropane	25.0	25.9		ug/L		104	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	98		67 - 130
1,2-Dichloroethane-d4 (Surr)	91		72 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCS 720-165103/8

Matrix: Water

Analysis Batch: 165103

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)	500	561		ug/L		112	62 - 120
-C5-C12							

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	101		72 - 130
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LCSD 720-165103/7

Matrix: Water

Analysis Batch: 165103

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	25.9		ug/L		104	62 - 130	2	20
Acetone	125	135		ug/L		108	26 - 180	8	30
Benzene	25.0	24.9		ug/L		100	79 - 130	1	20
Dichlorobromomethane	25.0	25.0		ug/L		100	70 - 130	0	20
Bromobenzene	25.0	24.1		ug/L		96	70 - 130	2	20
Chlorobromomethane	25.0	24.0		ug/L		96	70 - 130	1	20
Bromoform	25.0	25.9		ug/L		104	68 - 136	1	20
Bromomethane	25.0	21.2		ug/L		85	43 - 151	1	20
2-Butanone (MEK)	125	125		ug/L		100	54 - 130	14	20
n-Butylbenzene	25.0	25.2		ug/L		101	70 - 142	2	20
sec-Butylbenzene	25.0	24.0		ug/L		96	70 - 134	3	20
tert-Butylbenzene	25.0	24.1		ug/L		96	70 - 135	2	20
Carbon disulfide	25.0	23.6		ug/L		95	58 - 130	1	20
Carbon tetrachloride	25.0	24.3		ug/L		97	70 - 146	2	20
Chlorobenzene	25.0	23.6		ug/L		94	70 - 130	2	20
Chloroethane	25.0	21.8		ug/L		87	62 - 138	0	20
Chloroform	25.0	24.3		ug/L		97	70 - 130	1	20
Chloromethane	25.0	22.3		ug/L		89	52 - 175	1	20
2-Chlorotoluene	25.0	25.0		ug/L		100	70 - 130	2	20
4-Chlorotoluene	25.0	25.2		ug/L		101	70 - 130	2	20
Chlorodibromomethane	25.0	25.9		ug/L		103	70 - 145	0	20

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-165103/7

Matrix: Water

Analysis Batch: 165103

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD	Limit
	Added	Result	Qualifier				Limits			
1,2-Dichlorobenzene	25.0	24.1		ug/L		96	70 - 130	1		20
1,3-Dichlorobenzene	25.0	24.1		ug/L		96	70 - 130	1		20
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	70 - 130	2		20
1,3-Dichloropropane	25.0	24.9		ug/L		99	70 - 130	0		20
1,1-Dichloropropene	25.0	26.1		ug/L		104	70 - 130	1		20
1,2-Dibromo-3-Chloropropane	25.0	26.5		ug/L		106	70 - 136	3		20
Ethylene Dibromide	25.0	25.4		ug/L		102	70 - 130	1		20
Dibromomethane	25.0	24.8		ug/L		99	70 - 130	1		20
Dichlorodifluoromethane	25.0	20.5		ug/L		82	34 - 132	2		20
1,1-Dichloroethane	25.0	24.8		ug/L		99	70 - 130	1		20
1,2-Dichloroethane	25.0	23.7		ug/L		95	61 - 132	1		20
1,1-Dichloroethene	25.0	21.8		ug/L		87	64 - 128	1		20
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	70 - 130	1		20
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	68 - 130	2		20
1,2-Dichloropropane	25.0	25.4		ug/L		102	70 - 130	0		20
cis-1,3-Dichloropropene	25.0	27.1		ug/L		108	70 - 130	0		20
trans-1,3-Dichloropropene	25.0	29.8		ug/L		119	70 - 140	1		20
Ethylbenzene	25.0	23.6		ug/L		94	80 - 120	2		20
Hexachlorobutadiene	25.0	24.0		ug/L		96	70 - 130	2		20
2-Hexanone	125	134		ug/L		107	60 - 164	3		20
Isopropylbenzene	25.0	24.3		ug/L		97	70 - 130	2		20
4-Isopropyltoluene	25.0	24.1		ug/L		96	70 - 130	2		20
Methylene Chloride	25.0	25.1		ug/L		100	70 - 147	0		20
4-Methyl-2-pentanone (MIBK)	125	136		ug/L		109	58 - 130	4		20
Naphthalene	25.0	26.8		ug/L		107	70 - 130	2		20
N-Propylbenzene	25.0	25.0		ug/L		100	70 - 130	2		20
Styrene	25.0	26.3		ug/L		105	70 - 130	1		20
1,1,1,2-Tetrachloroethane	25.0	24.9		ug/L		100	70 - 130	2		20
1,1,2,2-Tetrachloroethane	25.0	25.2		ug/L		101	70 - 130	1		20
Tetrachloroethene	25.0	23.6		ug/L		94	70 - 130	2		20
Toluene	25.0	23.7		ug/L		95	78 - 120	2		20
1,2,3-Trichlorobenzene	25.0	24.8		ug/L		99	70 - 130	1		20
1,2,4-Trichlorobenzene	25.0	25.5		ug/L		102	70 - 130	1		20
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	70 - 130	2		20
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	70 - 130	0		20
Trichloroethene	25.0	23.8		ug/L		95	70 - 130	1		20
Trichlorofluoromethane	25.0	24.8		ug/L		99	66 - 132	0		20
1,2,3-Trichloropropane	25.0	25.8		ug/L		103	70 - 130	1		20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.8		ug/L		83	42 - 162	2		20
1,2,4-Trimethylbenzene	25.0	24.5		ug/L		98	70 - 132	2		20
1,3,5-Trimethylbenzene	25.0	24.9		ug/L		100	70 - 130	2		20
Vinyl acetate	25.0	22.4		ug/L		89	43 - 163	4		20
Vinyl chloride	25.0	19.4		ug/L		78	54 - 135	1		20
m-Xylene & p-Xylene	25.0	23.5		ug/L		94	70 - 142	2		20
o-Xylene	25.0	24.3		ug/L		97	70 - 130	1		20
2,2-Dichloropropane	25.0	25.1		ug/L		100	70 - 140	3		20

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-165103/7

Matrix: Water

Analysis Batch: 165103

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	98		67 - 130
1,2-Dichloroethane-d4 (Surr)	89		72 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 720-165103/9

Matrix: Water

Analysis Batch: 165103

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	500	563		ug/L		113	62 - 120	0	20
-C5-C12									

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	102		67 - 130
1,2-Dichloroethane-d4 (Surr)	96		72 - 130
Toluene-d8 (Surr)	97		70 - 130

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-165159/1-A

Matrix: Water

Analysis Batch: 165207

Client Sample ID: Method Blank

Prep Type: Silica Gel Cleanup

Prep Batch: 165159

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		08/18/14 15:30	08/19/14 10:07	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		08/18/14 15:30	08/19/14 10:07	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.005		0 - 5				08/18/14 15:30	08/19/14 10:07	1
p-Terphenyl	95		31 - 150				08/18/14 15:30	08/19/14 10:07	1

Lab Sample ID: LCS 720-165159/2-A

Matrix: Water

Analysis Batch: 165207

Client Sample ID: Lab Control Sample

Prep Type: Silica Gel Cleanup

Prep Batch: 165159

	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	2500	1440		ug/L		57	32 - 119		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
p-Terphenyl	83		31 - 150

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 720-165159/3-A

Matrix: Water

Analysis Batch: 165207

Client Sample ID: Lab Control Sample Dup

Prep Type: Silica Gel Cleanup

Prep Batch: 165159

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	1400		ug/L		56	32 - 119	3	35
Surrogate	%Recovery	LCSD Qualifier	Limits						
p-Terphenyl	87		31 - 150						

Lab Sample ID: MB 720-165385/1-A

Matrix: Water

Analysis Batch: 165388

Client Sample ID: Method Blank

Prep Type: Silica Gel Cleanup

Prep Batch: 165385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		08/21/14 09:50	08/21/14 16:20	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		08/21/14 09:50	08/21/14 16:20	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.01		0 - 5				08/21/14 09:50	08/21/14 16:20	1
p-Terphenyl	93		31 - 150				08/21/14 09:50	08/21/14 16:20	1

Lab Sample ID: LCS 720-165385/2-A

Matrix: Water

Analysis Batch: 165388

Client Sample ID: Lab Control Sample

Prep Type: Silica Gel Cleanup

Prep Batch: 165385

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	1890		ug/L		76	32 - 119		
Surrogate	%Recovery	LCS Qualifier	Limits						
p-Terphenyl	93		31 - 150						

Lab Sample ID: LCSD 720-165385/3-A

Matrix: Water

Analysis Batch: 165388

Client Sample ID: Lab Control Sample Dup

Prep Type: Silica Gel Cleanup

Prep Batch: 165385

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	1450		ug/L		58	32 - 119	27	35
Surrogate	%Recovery	LCSD Qualifier	Limits						
p-Terphenyl	74		31 - 150						

TestAmerica Pleasanton

QC Sample Results

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Method: 6010B - Metals (ICP)

Lab Sample ID: LCS 720-165352/2-A
Matrix: Water
Analysis Batch: 165370

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 165352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	1.00	0.949		mg/L		95	80 - 120
Chromium	1.00	0.966		mg/L		97	80 - 120
Nickel	1.00	0.970		mg/L		97	80 - 120
Lead	1.00	0.979		mg/L		98	80 - 120
Zinc	1.00	0.901		mg/L		90	80 - 120

Lab Sample ID: LCSD 720-165352/3-A
Matrix: Water
Analysis Batch: 165370

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 165352

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	1.00	0.945		mg/L		95	80 - 120	0	20
Chromium	1.00	0.963		mg/L		96	80 - 120	0	20
Nickel	1.00	0.964		mg/L		96	80 - 120	1	20
Lead	1.00	0.975		mg/L		97	80 - 120	0	20
Zinc	1.00	0.897		mg/L		90	80 - 120	0	20

Lab Sample ID: MB 720-165039/1-B
Matrix: Water
Analysis Batch: 165370

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 165352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0020		mg/L		08/20/14 16:55	08/20/14 22:06	1
Chromium	ND		0.010		mg/L		08/20/14 16:55	08/20/14 22:06	1
Nickel	ND		0.010		mg/L		08/20/14 16:55	08/20/14 22:06	1
Lead	ND		0.0050		mg/L		08/20/14 16:55	08/20/14 22:06	1
Zinc	ND		0.020		mg/L		08/20/14 16:55	08/20/14 22:06	1

Lab Sample ID: 720-59308-1 MS
Matrix: Water
Analysis Batch: 165370

Client Sample ID: B1-GW
Prep Type: Dissolved
Prep Batch: 165352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	ND		1.00	0.924		mg/L		92	75 - 125
Chromium	ND		1.00	0.959		mg/L		96	75 - 125
Nickel	ND		1.00	0.948		mg/L		94	75 - 125
Lead	ND		1.00	0.953		mg/L		95	75 - 125
Zinc	0.037		1.00	0.914		mg/L		88	75 - 125

Lab Sample ID: 720-59308-1 MSD
Matrix: Water
Analysis Batch: 165370

Client Sample ID: B1-GW
Prep Type: Dissolved
Prep Batch: 165352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	ND		1.00	0.929		mg/L		93	75 - 125	1	20
Chromium	ND		1.00	0.964		mg/L		96	75 - 125	1	20
Nickel	ND		1.00	0.953		mg/L		95	75 - 125	1	20
Lead	ND		1.00	0.959		mg/L		96	75 - 125	1	20
Zinc	0.037		1.00	0.920		mg/L		88	75 - 125	1	20

TestAmerica Pleasanton

QC Association Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

GC/MS VOA

Analysis Batch: 165103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59308-1	B1-GW	Total/NA	Water	8260B/CA_LUFT MS	
720-59308-2	B2-GW	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-165103/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-165103/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-165103/7	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-165103/9	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-165103/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Prep Batch: 165159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59308-1	B1-GW	Silica Gel Cleanup	Water	3510C SGC	
LCS 720-165159/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 720-165159/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 720-165159/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 165207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59308-1	B1-GW	Silica Gel Cleanup	Water	8015B	165159
LCS 720-165159/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	165159
LCSD 720-165159/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	165159
MB 720-165159/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	165159

Prep Batch: 165385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59308-2	B2-GW	Silica Gel Cleanup	Water	3510C SGC	
LCS 720-165385/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 720-165385/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 720-165385/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 165388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59308-2	B2-GW	Silica Gel Cleanup	Water	8015B	165385
LCS 720-165385/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	165385
LCSD 720-165385/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	165385
MB 720-165385/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	165385

Metals

Filtration Batch: 165039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59308-1	B1-GW	Dissolved	Water	FILTRATION	
720-59308-1 MS	B1-GW	Dissolved	Water	FILTRATION	
720-59308-1 MSD	B1-GW	Dissolved	Water	FILTRATION	

TestAmerica Pleasanton

QC Association Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Metals (Continued)

Filtration Batch: 165039 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-165039/1-B	Method Blank	Dissolved	Water	FILTRATION	

Prep Batch: 165352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59308-1	B1-GW	Dissolved	Water	3005A	165039
720-59308-1 MS	B1-GW	Dissolved	Water	3005A	165039
720-59308-1 MSD	B1-GW	Dissolved	Water	3005A	165039
LCS 720-165352/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 720-165352/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 720-165039/1-B	Method Blank	Dissolved	Water	3005A	165039

Analysis Batch: 165370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-59308-1	B1-GW	Dissolved	Water	6010B	165352
720-59308-1 MS	B1-GW	Dissolved	Water	6010B	165352
720-59308-1 MSD	B1-GW	Dissolved	Water	6010B	165352
LCS 720-165352/2-A	Lab Control Sample	Total Recoverable	Water	6010B	165352
LCSD 720-165352/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	165352
MB 720-165039/1-B	Method Blank	Dissolved	Water	6010B	165352

TestAmerica Pleasanton

Lab Chronicle

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Client Sample ID: B1-GW

Date Collected: 08/14/14 14:30

Date Received: 08/14/14 18:45

Lab Sample ID: 720-59308-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	165103	08/18/14 16:54	ASC	TAL PLS
Silica Gel Cleanup	Prep	3510C SGC			165159	08/18/14 15:30	DFR	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	165207	08/19/14 12:08	JL	TAL PLS
Dissolved	Filtration	FILTRATION			165039	08/15/14 14:16	JCR	TAL PLS
Dissolved	Prep	3005A			165352	08/20/14 16:57	ASB	TAL PLS
Dissolved	Analysis	6010B		1	165370	08/20/14 22:19	EFH	TAL PLS

Client Sample ID: B2-GW

Date Collected: 08/14/14 16:15

Date Received: 08/14/14 18:45

Lab Sample ID: 720-59308-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	165103	08/18/14 17:23	ASC	TAL PLS
Silica Gel Cleanup	Prep	3510C SGC			165385	08/21/14 09:50	NDU	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	165388	08/21/14 15:07	JL	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16
Analysis Method	Prep Method	Matrix	Analyte	

1

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Method Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTM S	8260B / CA LUFT MS	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: Green Environment Inc
Project/Site: 988 Howard

TestAmerica Job ID: 720-59308-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-59308-1	B1-GW	Water	08/14/14 14:30	08/14/14 18:45
720-59308-2	B2-GW	Water	08/14/14 16:15	08/14/14 18:45

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720-59308

Chain of Custody Receipt

5455

TestArmenico

[illegible]

5.49c

3.4°C

Login Sample Receipt Checklist

Client: Green Environment Inc

Job Number: 720-59308-1

Login Number: 59308

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

9/4/2014

Mr. Mark Green
Green Environment Inc.
1347 Laurel St.
P.O. Box 7138
San Carlos CA 94070

Project Name: 988 Howard Ave

Project #:

Workorder #: 1408292

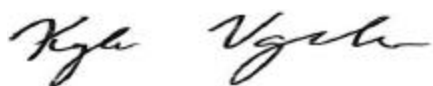
Dear Mr. Mark Green

The following report includes the data for the above referenced project for sample(s) received on 8/19/2014 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-17 VI are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori
Project Manager

WORK ORDER #: 1408292

Work Order Summary

CLIENT:	Mr. Mark Green Green Environment Inc. 1347 Laurel St. P.O. Box 7138 San Carlos, CA 94070	BILL TO:	Mr. Mark Green Green Environment Inc. 1347 Laurel St. P.O. Box 7138 San Carlos, CA 94070
PHONE:	650-508-8018	P.O. #	
FAX:	650-508-8019	PROJECT #	988 Howard Ave
DATE RECEIVED:	08/19/2014	CONTACT:	Kyle Vagadori
DATE COMPLETED:	09/04/2014		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	SV-3	Modified TO-17 VI
02A	SV-1	Modified TO-17 VI
03A	SV-2	Modified TO-17 VI
04A	Trip Blank	Modified TO-17 VI
05A	Lab Blank	Modified TO-17 VI
06A	CCV	Modified TO-17 VI
07A	LCS	Modified TO-17 VI
07AA	LCSD	Modified TO-17 VI

CERTIFIED BY:



Technical Director

DATE: 09/04/14

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-13-6, UT NELAP CA009332014-5, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.

Eurofins Air Toxics Inc., certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95678
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified EPA Method TO-17 (VI Tubes)
Green Environment Inc.
Workorder# 1408292

Four TO-17 VI Tube samples were received on August 19, 2014. The laboratory performed the analysis via modified EPA Method TO-17 using GC/MS in the full scan mode. TO-17 'VI' sorbent tubes are thermally desorbed onto a secondary trap. The trap is thermally desorbed to elute the components into the GC/MS system for compound separation and detection.

A modification that may be applied to EPA Method TO-17 at the client's discretion is the requirement to transport sorbent tubes at 4 deg C. Laboratory studies demonstrate a high level of stability for VOCs on the TO-17 'VI' tube at room temperature for periods of up to 14 days. Tubes can be shipped to and from the field site at ambient conditions as long as the 14-day sample hold time is upheld. Trip blanks and field surrogate spikes are used as additional control measures to monitor recovery and background contribution during tube transport.

Since the TO-17 VI application significantly extends the scope of target compounds addressed in EPA Method TO-15 and TO-17, the laboratory has implemented several method modifications outlined in the table below. Specific project requirements may over-ride the laboratory modifications.

<i>Requirement</i>	<i>TO-17</i>	<i>ATL Modifications</i>
Initial Calibration	%RSD $\leq$ 30% with 2 allowed out up to 40%	VOC list: %RSD $\leq$ 30% with 2 allowed out up to 40% SVOC list: %RSD $\leq$ 30% with 2 allowed out up to 40%
Daily Calibration	%D for each target compound within $\pm$ 30%.	Fluorene, Phenanthrene, Anthracene, Fluoranthene, and Pyrene within $\pm$ 40%D
Audit Accuracy	70-130%	Second source recovery limits for Fluorene, Phenanthrene, Anthracene, Fluoranthene, and Pyrene = 60-140%.
Distributed Volume Pairs	Collection of distributed volume pairs required for monitoring ambient air to insure high quality.	If site is well-characterized or performance previously verified, single tube sampling may be appropriate. Distributed pairs may be impractical for soil gas collection due to configuration and volume constraints.

Receiving Notes

A Temperature Blank was included with the shipment. Temperature was measured and was not within 4 $\pm$ 2 °C. Coolant in the form of blue ice was present. Analysis proceeded.

Analytical Notes

A sampling volume of 0.200 L was used to convert ng to ug/m³ for the associated Lab Blank and sample Trip Blank.

The reported CCV and LCS for each daily batch may be derived from more than one analytical file.

A single point calibration for TPH (Stoddard Solvent Range) was performed for the daily analytical batch.

Recovery is reported as 100% in the associated results for the CCV.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in blank (subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds EPA METHOD TO-17

Client Sample ID: SV-3

Lab ID#: 1408292-01A

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	0.50	2.5	0.91	4.5

Client Sample ID: SV-1

Lab ID#: 1408292-02A

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	0.50	2.5	0.61	3.0

Client Sample ID: SV-2

Lab ID#: 1408292-03A

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	0.50	2.5	1.1	5.4

Client Sample ID: Trip Blank

Lab ID#: 1408292-04A

No Detections Were Found.



Air Toxics

Client Sample ID: SV-3

Lab ID#: 1408292-01A

EPA METHOD TO-17

File Name:	18090309	Date of Extraction: NA	Date of Collection: 8/18/14 9:43:00 AM
Dil. Factor:	1.00	Date of Analysis: 9/3/14 11:53 PM	

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	0.50	2.5	0.91	4.5
TPH (Diesel Range C10-C24)	1000	5000	Not Detected	Not Detected
TPH (Stoddard Solvent Range)	1000	5000	Not Detected	Not Detected

Air Sample Volume(L): 0.200

Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
Naphthalene-d8	53	50-150



Air Toxics

Client Sample ID: SV-1

Lab ID#: 1408292-02A

EPA METHOD TO-17

File Name:	18090310	Date of Extraction: NA	Date of Collection: 8/18/14 10:59:00 AM
Dil. Factor:	1.00	Date of Analysis: 9/4/14 12:35 AM	

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	0.50	2.5	0.61	3.0
TPH (Diesel Range C10-C24)	1000	5000	Not Detected	Not Detected
TPH (Stoddard Solvent Range)	1000	5000	Not Detected	Not Detected

Air Sample Volume(L): 0.200

Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
Naphthalene-d8	58	50-150



Air Toxics

Client Sample ID: SV-2

Lab ID#: 1408292-03A

EPA METHOD TO-17

File Name:	18090311	Date of Extraction: NA	Date of Collection: 8/18/14 12:30:00 PM
Dil. Factor:	1.00	Date of Analysis: 9/4/14 01:16 AM	

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	0.50	2.5	1.1	5.4
TPH (Diesel Range C10-C24)	1000	5000	Not Detected	Not Detected
TPH (Stoddard Solvent Range)	1000	5000	Not Detected	Not Detected

Air Sample Volume(L): 0.200

Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
Naphthalene-d8	58	50-150



Air Toxics

Client Sample ID: Trip Blank

Lab ID#: 1408292-04A

EPA METHOD TO-17

File Name:	18090308	Date of Extraction: NA	Date of Collection: 8/18/14 12:38:00 PM
Dil. Factor:	1.00	Date of Analysis: 9/3/14 11:12 PM	

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	0.50	2.5	Not Detected	Not Detected
TPH (Diesel Range C10-C24)	1000	5000	Not Detected	Not Detected
TPH (Stoddard Solvent Range)	1000	5000	Not Detected	Not Detected

Air Sample Volume(L): 0.200

Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
Naphthalene-d8	69	50-150



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1408292-05A

EPA METHOD TO-17

File Name:	18090307	Date of Extraction: NA	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/3/14 09:35 PM	

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	0.50	2.5	Not Detected	Not Detected
TPH (Diesel Range C10-C24)	1000	5000	Not Detected	Not Detected
TPH (Stoddard Solvent Range)	1000	5000	Not Detected	Not Detected

Air Sample Volume(L): 0.200

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Naphthalene-d8	63	50-150



Air Toxics

Client Sample ID: CCV

Lab ID#: 1408292-06A

EPA METHOD TO-17

File Name:	18090301	Date of Extraction: NA	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/3/14 05:24 PM	

Compound	%Recovery
----------	-----------

Naphthalene	72
TPH (Diesel Range C10-C24)	93
TPH (Stoddard Solvent Range)	100

Air Sample Volume(L): 1.00
Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Naphthalene-d8	60	50-150



Air Toxics

Client Sample ID: LCS

Lab ID#: 1408292-07A

EPA METHOD TO-17

File Name:	18090302	Date of Extraction: NA	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/3/14 06:06 PM	

Compound	%Recovery	Method Limits
Naphthalene	76	70-130
TPH (Diesel Range C10-C24)	Not Spiked	60-140
TPH (Stoddard Solvent Range)	Not Spiked	60-140

Air Sample Volume(L): 1.00
Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Naphthalene-d8	66	50-150



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1408292-07AA

EPA METHOD TO-17

File Name:	18090306	Date of Extraction: NA	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/3/14 08:53 PM	

Compound	%Recovery	Method Limits
Naphthalene	76	70-130
TPH (Diesel Range C10-C24)	Not Spiked	60-140
TPH (Stoddard Solvent Range)	Not Spiked	60-140

Air Sample Volume(L): 1.00
Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Naphthalene-d8	58	50-150

TO-17 SAMPLE COLLECTION



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signatures on this document indicates that sample is being shipped in compliance with all applicable local, state, federal, national, and international laws, regulations, and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipment of samples. P.O. T. Hot line (800) 467-4922.

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

Page 1 of 1

Project Manager Mark Green
Collected by: (Print and Sign) Ross Taylor

Company Green Environment Email mark@greenenvironment.com
Address 197 Laurel City San Carlos State CA Zip 94070

Phone 650 588 8010 Fax _____

Project Info:		Turn Around Time:		Reporting Units:	
P.O. # _____	Project # _____	☒ Normal	☐ Expedite	☐ ppmv	☐ ug/m3
Project Name <u>288 Howard Ave</u>		☐ Rush	☐ Expedite	☐ ppmv	☐ ug/m3

Lab ID	Field Sample ID (Location)	Engraved or Stamped Tube #	Date of Collection (mm/dd/yy)	Start Time (hr:min)	End Time (hr:min)	Pre-Test Flow Rate	Post-Test Flow Rate	Volume	Indoor/Outdoor	Temp	Indoor Air	Outdoor Air	Soil Vapor	Other
SV-3		60132-023	8/18/14	0940	0943	---	---	200ml			☐	☒	☐	☐
SV-1		60145507	8/18/14	1056	1059	---	---	200			☐	☒	☐	☐
SV-2		60137128	8/18/14	1227	1230	---	---	200			☐	☒	☐	☐
SV-4	Top Black	60146127	8/18/14	1237	1238	---	---	0			☐	☒	☐	☐

Relinquished by: (signature) <u>Ross Taylor</u>	Date/Time <u>8/18/14 1545</u>	Received by: (signature) <u>FedEx</u>	Date/Time <u>8/18/14 1545</u>	Notes: Diesel Range Organics (DRO) + Standard Solvent + Naphthalene by TB17
Relinquished by: (signature) _____	Date/Time _____	Received by: (signature) _____	Date/Time _____	
Relinquished by: (signature) _____	Date/Time _____	Received by: (signature) _____	Date/Time _____	

Lab Use Only	Shipper Name <u>Reliax</u>	Air Bill # _____	Temp (C) <u>13.4</u>	Condition <u>SWC</u>	Quality Seal Intact?	Yes ☐ No ☒ None	Work Order # <u>1400232</u>
--------------	----------------------------	------------------	----------------------	----------------------	----------------------	--	-----------------------------

9/2/2014

Mr. Mark Green
Green Environment Inc.
1347 Laurel St.
P.O. Box 7138
San Carlos CA 94070

Project Name: 988 HOWARD

Project #:

Workorder #: 1408299

Dear Mr. Mark Green

The following report includes the data for the above referenced project for sample(s) received on 8/19/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori
Project Manager

WORK ORDER #: 1408299

Work Order Summary

CLIENT:	Mr. Mark Green Green Environment Inc. 1347 Laurel St. P.O. Box 7138 San Carlos, CA 94070	BILL TO:	Mr. Mark Green Green Environment Inc. 1347 Laurel St. P.O. Box 7138 San Carlos, CA 94070
PHONE:	650-508-8018	P.O. #	
FAX:	650-508-8019	PROJECT #	988 HOWARD
DATE RECEIVED:	08/19/2014	CONTACT:	Kyle Vagadori
DATE COMPLETED:	09/02/2014		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	SV-3	TO-15	4.5 "Hg	15 psi
02A	SV-1	TO-15	4.5 "Hg	15 psi
03A	SV-2	TO-15	4.5 "Hg	15 psi
04A	Lab Blank	TO-15	NA	NA
05A	CCV	TO-15	NA	NA
06A	LCS	TO-15	NA	NA
06AA	LCSD	TO-15	NA	NA

CERTIFIED BY:



Technical Director

DATE: 09/02/14

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-13-6, UT NELAP CA009332014-5, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.

Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563

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LABORATORY NARRATIVE
EPA Method TO-15
Green Environment Inc.
Workorder# 1408299

Three 1 Liter Summa Canister samples were received on August 19, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-3

Lab ID#: 1408299-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	1.2	19	8.1	130

Client Sample ID: SV-1

Lab ID#: 1408299-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	1.2	5.9	6.0
Ethanol	4.8	160	9.0	300
Acetone	12	23	28	55
1,1,1-Trichloroethane	1.2	13	6.5	71

Client Sample ID: SV-2

Lab ID#: 1408299-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Disulfide	4.8	5.0	15	16
Chloroform	1.2	2.5	5.8	12
1,1,1-Trichloroethane	1.2	1.9	6.5	10
Carbon Tetrachloride	1.2	2.6	7.5	16
TPH ref. to Gasoline (MW=100)	60	250	240	1000



Air Toxics

Client Sample ID: SV-3

Lab ID#: 1408299-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082608	Date of Collection:	8/18/14 9:28:00 AM
Dil. Factor:	2.38	Date of Analysis:	8/26/14 01:52 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	Not Detected	5.9	Not Detected
Freon 114	1.2	Not Detected	8.3	Not Detected
Chloromethane	12	Not Detected	24	Not Detected
Vinyl Chloride	1.2	Not Detected	3.0	Not Detected
1,3-Butadiene	1.2	Not Detected	2.6	Not Detected
Bromomethane	12	Not Detected	46	Not Detected
Chloroethane	4.8	Not Detected	12	Not Detected
Freon 11	1.2	Not Detected	6.7	Not Detected
Ethanol	4.8	Not Detected	9.0	Not Detected
Freon 113	1.2	Not Detected	9.1	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Acetone	12	Not Detected	28	Not Detected
2-Propanol	4.8	Not Detected	12	Not Detected
Carbon Disulfide	4.8	Not Detected	15	Not Detected
3-Chloropropene	4.8	Not Detected	15	Not Detected
Methylene Chloride	12	Not Detected	41	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.3	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Hexane	1.2	Not Detected	4.2	Not Detected
1,1-Dichloroethane	1.2	Not Detected	4.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.8	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.5	Not Detected
Chloroform	1.2	Not Detected	5.8	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.5	Not Detected
Cyclohexane	1.2	Not Detected	4.1	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.5	Not Detected
2,2,4-Trimethylpentane	1.2	Not Detected	5.6	Not Detected
Benzene	1.2	Not Detected	3.8	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.8	Not Detected
Heptane	1.2	Not Detected	4.9	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.5	Not Detected
1,4-Dioxane	4.8	Not Detected	17	Not Detected
Bromodichloromethane	1.2	Not Detected	8.0	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	4.9	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
trans-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.5	Not Detected
Tetrachloroethene	1.2	19	8.1	130
2-Hexanone	4.8	Not Detected	19	Not Detected



Air Toxics

Client Sample ID: SV-3

Lab ID#: 1408299-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082608	Date of Collection:	8/18/14 9:28:00 AM
Dil. Factor:	2.38	Date of Analysis:	8/26/14 01:52 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.2	Not Detected	10	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.1	Not Detected
Chlorobenzene	1.2	Not Detected	5.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Styrene	1.2	Not Detected	5.1	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
Cumene	1.2	Not Detected	5.8	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.2	Not Detected
Propylbenzene	1.2	Not Detected	5.8	Not Detected
4-Ethyltoluene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.2	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,2,4-Trichlorobenzene	4.8	Not Detected	35	Not Detected
Hexachlorobutadiene	4.8	Not Detected	51	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: SV-1

Lab ID#: 1408299-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082609	Date of Collection:	8/18/14 10:47:00 AM
Dil. Factor:	2.38	Date of Analysis:	8/26/14 02:20 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	1.2	5.9	6.0
Freon 114	1.2	Not Detected	8.3	Not Detected
Chloromethane	12	Not Detected	24	Not Detected
Vinyl Chloride	1.2	Not Detected	3.0	Not Detected
1,3-Butadiene	1.2	Not Detected	2.6	Not Detected
Bromomethane	12	Not Detected	46	Not Detected
Chloroethane	4.8	Not Detected	12	Not Detected
Freon 11	1.2	Not Detected	6.7	Not Detected
Ethanol	4.8	160	9.0	300
Freon 113	1.2	Not Detected	9.1	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Acetone	12	23	28	55
2-Propanol	4.8	Not Detected	12	Not Detected
Carbon Disulfide	4.8	Not Detected	15	Not Detected
3-Chloropropene	4.8	Not Detected	15	Not Detected
Methylene Chloride	12	Not Detected	41	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.3	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Hexane	1.2	Not Detected	4.2	Not Detected
1,1-Dichloroethane	1.2	Not Detected	4.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.8	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.5	Not Detected
Chloroform	1.2	Not Detected	5.8	Not Detected
1,1,1-Trichloroethane	1.2	13	6.5	71
Cyclohexane	1.2	Not Detected	4.1	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.5	Not Detected
2,2,4-Trimethylpentane	1.2	Not Detected	5.6	Not Detected
Benzene	1.2	Not Detected	3.8	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.8	Not Detected
Heptane	1.2	Not Detected	4.9	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.5	Not Detected
1,4-Dioxane	4.8	Not Detected	17	Not Detected
Bromodichloromethane	1.2	Not Detected	8.0	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	4.9	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
trans-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.5	Not Detected
Tetrachloroethene	1.2	Not Detected	8.1	Not Detected
2-Hexanone	4.8	Not Detected	19	Not Detected



Air Toxics

Client Sample ID: SV-1

Lab ID#: 1408299-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082609	Date of Collection:	8/18/14 10:47:00 AM
Dil. Factor:	2.38	Date of Analysis:	8/26/14 02:20 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.2	Not Detected	10	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.1	Not Detected
Chlorobenzene	1.2	Not Detected	5.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Styrene	1.2	Not Detected	5.1	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
Cumene	1.2	Not Detected	5.8	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.2	Not Detected
Propylbenzene	1.2	Not Detected	5.8	Not Detected
4-Ethyltoluene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.2	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,2,4-Trichlorobenzene	4.8	Not Detected	35	Not Detected
Hexachlorobutadiene	4.8	Not Detected	51	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	95	70-130



Air Toxics

Client Sample ID: SV-2

Lab ID#: 1408299-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082610	Date of Collection:	8/18/14 12:18:00 PM
Dil. Factor:	2.38	Date of Analysis:	8/26/14 02:48 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	Not Detected	5.9	Not Detected
Freon 114	1.2	Not Detected	8.3	Not Detected
Chloromethane	12	Not Detected	24	Not Detected
Vinyl Chloride	1.2	Not Detected	3.0	Not Detected
1,3-Butadiene	1.2	Not Detected	2.6	Not Detected
Bromomethane	12	Not Detected	46	Not Detected
Chloroethane	4.8	Not Detected	12	Not Detected
Freon 11	1.2	Not Detected	6.7	Not Detected
Ethanol	4.8	Not Detected	9.0	Not Detected
Freon 113	1.2	Not Detected	9.1	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Acetone	12	Not Detected	28	Not Detected
2-Propanol	4.8	Not Detected	12	Not Detected
Carbon Disulfide	4.8	5.0	15	16
3-Chloropropene	4.8	Not Detected	15	Not Detected
Methylene Chloride	12	Not Detected	41	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.3	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Hexane	1.2	Not Detected	4.2	Not Detected
1,1-Dichloroethane	1.2	Not Detected	4.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.8	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.5	Not Detected
Chloroform	1.2	2.5	5.8	12
1,1,1-Trichloroethane	1.2	1.9	6.5	10
Cyclohexane	1.2	Not Detected	4.1	Not Detected
Carbon Tetrachloride	1.2	2.6	7.5	16
2,2,4-Trimethylpentane	1.2	Not Detected	5.6	Not Detected
Benzene	1.2	Not Detected	3.8	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.8	Not Detected
Heptane	1.2	Not Detected	4.9	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.5	Not Detected
1,4-Dioxane	4.8	Not Detected	17	Not Detected
Bromodichloromethane	1.2	Not Detected	8.0	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	4.9	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
trans-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.5	Not Detected
Tetrachloroethene	1.2	Not Detected	8.1	Not Detected
2-Hexanone	4.8	Not Detected	19	Not Detected



Air Toxics

Client Sample ID: SV-2

Lab ID#: 1408299-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082610	Date of Collection:	8/18/14 12:18:00 PM
Dil. Factor:	2.38	Date of Analysis:	8/26/14 02:48 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.2	Not Detected	10	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.1	Not Detected
Chlorobenzene	1.2	Not Detected	5.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Styrene	1.2	Not Detected	5.1	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
Cumene	1.2	Not Detected	5.8	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.2	Not Detected
Propylbenzene	1.2	Not Detected	5.8	Not Detected
4-Ethyltoluene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.2	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,2,4-Trichlorobenzene	4.8	Not Detected	35	Not Detected
Hexachlorobutadiene	4.8	Not Detected	51	Not Detected
TPH ref. to Gasoline (MW=100)	60	250	240	1000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1408299-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082606	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/26/14 12:37 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1408299-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082606	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/26/14 12:37 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	97	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1408299-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name: p082602

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 8/26/14 09:42 AM

Compound	%Recovery
Freon 12	105
Freon 114	103
Chloromethane	103
Vinyl Chloride	101
1,3-Butadiene	97
Bromomethane	104
Chloroethane	103
Freon 11	103
Ethanol	98
Freon 113	101
1,1-Dichloroethene	96
Acetone	95
2-Propanol	96
Carbon Disulfide	102
3-Chloropropene	96
Methylene Chloride	104
Methyl tert-butyl ether	104
trans-1,2-Dichloroethene	106
Hexane	103
1,1-Dichloroethane	104
2-Butanone (Methyl Ethyl Ketone)	103
cis-1,2-Dichloroethene	107
Tetrahydrofuran	101
Chloroform	102
1,1,1-Trichloroethane	102
Cyclohexane	105
Carbon Tetrachloride	102
2,2,4-Trimethylpentane	106
Benzene	112
1,2-Dichloroethane	114
Heptane	125
Trichloroethene	99
1,2-Dichloropropane	104
1,4-Dioxane	118
Bromodichloromethane	110
cis-1,3-Dichloropropene	106
4-Methyl-2-pentanone	117
Toluene	110
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	106
Tetrachloroethene	109
2-Hexanone	112

Client Sample ID: CCV

Lab ID#: 1408299-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082602	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/26/14 09:42 AM

Compound	%Recovery
Dibromochloromethane	111
1,2-Dibromoethane (EDB)	107
Chlorobenzene	104
Ethyl Benzene	117
m,p-Xylene	116
o-Xylene	116
Styrene	122
Bromoform	110
Cumene	118
1,1,2,2-Tetrachloroethane	110
Propylbenzene	116
4-Ethyltoluene	113
1,3,5-Trimethylbenzene	122
1,2,4-Trimethylbenzene	117
1,3-Dichlorobenzene	107
1,4-Dichlorobenzene	108
alpha-Chlorotoluene	114
1,2-Dichlorobenzene	107
1,2,4-Trichlorobenzene	91
Hexachlorobutadiene	93
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	111	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: LCS

Lab ID#: 1408299-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082603	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/26/14 10:09 AM

Compound	%Recovery	Method Limits
Freon 12	100	70-130
Freon 114	98	70-130
Chloromethane	98	70-130
Vinyl Chloride	98	70-130
1,3-Butadiene	97	70-130
Bromomethane	100	70-130
Chloroethane	98	70-130
Freon 11	96	70-130
Ethanol	93	70-130
Freon 113	106	70-130
1,1-Dichloroethene	106	70-130
Acetone	91	70-130
2-Propanol	96	70-130
Carbon Disulfide	88	70-130
3-Chloropropene	99	70-130
Methylene Chloride	108	70-130
Methyl tert-butyl ether	97	70-130
trans-1,2-Dichloroethene	86	70-130
Hexane	103	70-130
1,1-Dichloroethane	97	70-130
2-Butanone (Methyl Ethyl Ketone)	98	70-130
cis-1,2-Dichloroethene	108	70-130
Tetrahydrofuran	98	70-130
Chloroform	97	70-130
1,1,1-Trichloroethane	95	70-130
Cyclohexane	105	70-130
Carbon Tetrachloride	95	70-130
2,2,4-Trimethylpentane	108	70-130
Benzene	102	70-130
1,2-Dichloroethane	99	70-130
Heptane	114	70-130
Trichloroethene	93	70-130
1,2-Dichloropropane	96	70-130
1,4-Dioxane	108	70-130
Bromodichloromethane	102	70-130
cis-1,3-Dichloropropene	103	70-130
4-Methyl-2-pentanone	114	70-130
Toluene	99	70-130
trans-1,3-Dichloropropene	91	70-130
1,1,2-Trichloroethane	93	70-130
Tetrachloroethene	96	70-130
2-Hexanone	108	70-130

Client Sample ID: LCS

Lab ID#: 1408299-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082603	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/26/14 10:09 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	101	70-130
1,2-Dibromoethane (EDB)	97	70-130
Chlorobenzene	92	70-130
Ethyl Benzene	104	70-130
m,p-Xylene	103	70-130
o-Xylene	103	70-130
Styrene	110	70-130
Bromoform	102	70-130
Cumene	110	70-130
1,1,2,2-Tetrachloroethane	97	70-130
Propylbenzene	106	70-130
4-Ethyltoluene	103	70-130
1,3,5-Trimethylbenzene	110	70-130
1,2,4-Trimethylbenzene	107	70-130
1,3-Dichlorobenzene	97	70-130
1,4-Dichlorobenzene	99	70-130
alpha-Chlorotoluene	106	70-130
1,2-Dichlorobenzene	98	70-130
1,2,4-Trichlorobenzene	100	70-130
Hexachlorobutadiene	99	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1408299-06AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name: p082604

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 8/26/14 10:35 AM

Compound	%Recovery	Method Limits
Freon 12	98	70-130
Freon 114	97	70-130
Chloromethane	95	70-130
Vinyl Chloride	100	70-130
1,3-Butadiene	96	70-130
Bromomethane	98	70-130
Chloroethane	98	70-130
Freon 11	94	70-130
Ethanol	97	70-130
Freon 113	107	70-130
1,1-Dichloroethene	107	70-130
Acetone	94	70-130
2-Propanol	98	70-130
Carbon Disulfide	89	70-130
3-Chloropropene	97	70-130
Methylene Chloride	106	70-130
Methyl tert-butyl ether	98	70-130
trans-1,2-Dichloroethene	86	70-130
Hexane	103	70-130
1,1-Dichloroethane	97	70-130
2-Butanone (Methyl Ethyl Ketone)	100	70-130
cis-1,2-Dichloroethene	111	70-130
Tetrahydrofuran	101	70-130
Chloroform	96	70-130
1,1,1-Trichloroethane	95	70-130
Cyclohexane	107	70-130
Carbon Tetrachloride	93	70-130
2,2,4-Trimethylpentane	110	70-130
Benzene	99	70-130
1,2-Dichloroethane	96	70-130
Heptane	113	70-130
Trichloroethene	91	70-130
1,2-Dichloropropane	95	70-130
1,4-Dioxane	110	70-130
Bromodichloromethane	98	70-130
cis-1,3-Dichloropropene	101	70-130
4-Methyl-2-pentanone	113	70-130
Toluene	97	70-130
trans-1,3-Dichloropropene	91	70-130
1,1,2-Trichloroethane	92	70-130
Tetrachloroethene	97	70-130
2-Hexanone	106	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1408299-06AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p082604	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/26/14 10:35 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	99	70-130
1,2-Dibromoethane (EDB)	94	70-130
Chlorobenzene	92	70-130
Ethyl Benzene	103	70-130
m,p-Xylene	103	70-130
o-Xylene	104	70-130
Styrene	108	70-130
Bromoform	102	70-130
Cumene	111	70-130
1,1,2,2-Tetrachloroethane	99	70-130
Propylbenzene	106	70-130
4-Ethyltoluene	108	70-130
1,3,5-Trimethylbenzene	108	70-130
1,2,4-Trimethylbenzene	107	70-130
1,3-Dichlorobenzene	97	70-130
1,4-Dichlorobenzene	100	70-130
alpha-Chlorotoluene	105	70-130
1,2-Dichlorobenzene	99	70-130
1,2,4-Trichlorobenzene	102	70-130
Hexachlorobutadiene	100	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	107	70-130



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Page 1 of 1

Project Manager Mark Green

Collected by: (Print and Sign)

Company Green Environment Email market@greenenvi

Address 1347 Laurel Avenue City San Carlos State CA Zip 94070

Phone 650 508 8018 Fax

Project Info:
P.O. # _____
Project # _____
Project Name _____

988 HOWARD

Turn Around
Time:

Lab Use Only
Pressurized by:
Date:
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