

August 9, 2018
Project No. 978.19C
Ser. 5987

East Side Union High School District
Attn: Mr. Julio Lucas
c/o Gilbane Building Company
Attn: Alex Morrison
830 North Capitol Avenue
San Jose, California 95133-1398

RE: ENVIRONMENTAL SOIL SCREENING TEST RESULTS
(Four Discrete Samples – Full Analysis)
NEW SYNTHETIC TURF FIELD
FOOTHILL HIGH SCHOOL
230 PALA AVENUE
SAN JOSE, CALIFORNIA

Dear Mr. Lucas:

As requested, we are submitting the results of environmental screening of the on-site soils located at the planned new synthetic turf field project at Foothill High School in San Jose, California. Our proposal for the soil screening was submitted June 6, 2018.

Four discrete representative samples within the upper 6 to 12 inches of in-situ soils throughout the project site, as shown on the attached Drawing No. 1, were collected on July 10, 2018 via hand auger sampling. The soil samples were stored in a cooler with cold packs and then picked up by a TestAmerica environmental lab courier on July 11, 2018 for discrete sample testing.

Soils analysis for each sample included TPH EPA 8260B – Gas, TEPH -Extractable – Diesel – Motor Oil with silica gel cleanup, VOC's-EPA 8260B, Semivolatiles - EPA 8270, Pesticides and PCB's - EPA 8081/8082, CAM 17 Metals, Chromium VI EPA 7199, Arsenic STLC and Asbestos PLM (CARB 435). These tests are generally standard requirements for unrestricted use sites and landfills. The results of the analyses dated July 23, 2018, are attached to this letter (Job ID: 720-87425-1). Additional soil analyses for FHS-ENV-D included Nickel STLC and Chromium TCLP, due to the TTLC levels indicated in the initial laboratory testing results. The results of the additional analyses dated July 30, 2018 are also attached to this letter (Job ID: 720-87425-2).

The attached summary reports prepared by TestAmerica detail the lab analysis results. These test results were compared to the Federal (RCRA-TCLP) and State (Title 22-STLC, TTLC) hazardous

East Side Union High School District
Attn: Mr. Julio Lucas
c/o Gilbane Building Company
Attn: Alex Morrison
August 9, 2018
Page 2

waste criteria, the most recent (February 2016 Rev. 3) SF Bay RWQCB environmental screening levels (ESLs) for shallow soils and residential land use, and the California Human Health Screening Levels (CHHSLs) which are concentrations of chemicals in soil below thresholds of concern for risks to human health. The CHHSLs have no regulatory effect and are not intended for use by regulatory agencies that have authority to require remediation of contaminated soil. The numbers are solely advisory and published as reference values for use by citizen groups, community organizations, property owners, developers, and local government officials to estimate the degree of effort that may be necessary to remediate a contaminated site. ESLs are typically used by landfills and trucking companies to determine the appropriate site/location for re-use or disposal of soil.

The metals results were also compared to average background metal concentrations in soils in Santa Clara County, Lawrence Berkeley National Laboratory (LBL), and the upper background limit for Arsenic (Establishing Background Arsenic in Soil of the Urbanized San Francisco region, Duverge 2011).

Sample FHS-ENV-A@0.5'

The results indicate that the detected contaminants (see Detection Summary Page 5, Job ID: 720-87425-1) are all either below the ESLs and the CHHSLs, or are generally within the range of expected background metal concentrations with the exception of Arsenic. All other test results were non-detectable (ND).

Arsenic (7.0 mg/kg result) is above the ESL (0.067 mg/kg), the CHHSL (0.07 mg/kg), the mean value for Arsenic (5.5 mg/kg) in the soil at LBL, and the Santa Clara County Background levels (0.2 to 5.5 mg/kg). However, Arsenic is below the proposed upper background limit of 11 mg/kg (Duverge 2011) for soils in the flatland locations of the San Francisco Bay Area and the state TTLC criteria (500 mg/kg). Additional Arsenic STLC results (0.12 mg/L) are below the state STLC criteria of 5.0 mg/L.

Chromium (29 mg/kg result) is below the Santa Clara County background levels (31 to 72 mg/kg), the mean value for Chromium (58.0 mg/kg) in the soil at LBL, the state TTLC criteria (2500 mg/kg), the ESL (120000 mg/kg), and the CHHSL (100000 mg/kg). Additional Chromium STLC results (0.11 mg/L) are below the state STLC criteria of 5.0 mg/L. Hexavalent Chromium test results are ND (non-detect).

East Side Union High School District
Attn: Mr. Julio Lucas
c/o Gilbane Building Company
Attn: Alex Morrison
August 9, 2018
Page 3

Sample FHS-ENV-B@0.5'

The results indicate that the detected contaminants (see Detection Summary Pages 5 and 6, Job ID: 720-87425-1) are all either below the ESLs and the CHHSLs, or are generally within the range of expected background metal concentrations with the exception of Arsenic and Lead. All other test results were non-detectable (ND).

Arsenic (7.7 mg/kg result) is above the ESL (0.067 mg/kg), the CHHSL (0.07 mg/kg), the mean value for Arsenic (5.5 mg/kg) in the soil at LBL, and the Santa Clara County Background levels (0.2 to 5.5 mg/kg). However, Arsenic is below the proposed upper background limit of 11 mg/kg (Duverge 2011) for soils in the flatland locations of the San Francisco Bay Area and the state TTLC criteria (500 mg/kg). Additional Arsenic STLC results (0.14 mg/L) are below the state STLC criteria of 5.0 mg/L.

Chromium (33 mg/kg result) falls within the Santa Clara County background levels (31 to 72 mg/kg), and is below the mean value for Chromium (58.0 mg/kg) in the soil at LBL, the state TTLC criteria (2500 mg/kg), the ESL (120000 mg/kg), and the CHHSL (100000 mg/kg). Additional Chromium STLC results (0.14 mg/L) are below the state STLC criteria of 5.0 mg/L. Hexavalent Chromium test results are ND (non-detect).

Lead (19 mg/kg result) is above the Santa Clara County Background levels of 6.8 to 16.1 mg/kg and the mean value for Lead (7.0 mg/kg) in the soil at LBL. However, Lead is below the ESL and CHHSL of 80 mg/kg, and the state TTLC criteria of 1000 mg/kg.

Sample FHS-ENV-C@0.5'

The results indicate that the detected contaminants (see Detection Summary Page 6, Job ID: 720-87425-1) are all either below the ESLs and the CHHSLs, or are generally within the range of expected background metal concentrations with the exception of Arsenic, Copper, Lead, and Zinc. All other test results were non-detectable (ND).

Arsenic (9.9 mg/kg result) is above the ESL (0.067 mg/kg), the CHHSL (0.07 mg/kg), the mean value for Arsenic (5.5 mg/kg) in the soil at LBL, and the Santa Clara County Background levels (0.2 to 5.5 mg/kg). However, Arsenic is below the proposed upper background limit of 11 mg/kg (Duverge 2011) for soils in the flatland locations of the San Francisco Bay Area and the state TTLC criteria (500 mg/kg). Additional Arsenic STLC results (0.2 mg/L) are below the state STLC criteria of 5.0 mg/L.

East Side Union High School District
Attn: Mr. Julio Lucas
c/o Gilbane Building Company
Attn: Alex Morrison
August 9, 2018
Page 4

Chromium (34 mg/kg result) falls within the Santa Clara County background levels (31 to 72 mg/kg), and is below the mean value for Chromium (58.0 mg/kg) in the soil at LBL, the state TTLC criteria (2500 mg/kg), the ESL (120000 mg/kg), and the CHHSL (100000 mg/kg). Additional Chromium STLC results (0.13 mg/L) are below the state STLC criteria of 5.0 mg/L. Hexavalent Chromium test results are ND (non-detect).

Copper (90 mg/kg result) is above the mean value for Copper (32.0 mg/kg) in the soil at LBL and is also above the Santa Clara County background levels (23.8 to 47.5 mg/kg). However, Copper is below the ESL (3100 mg/kg), the CHHSL (3000 mg/kg), and the state TTLC criteria (2500 mg/kg).

Lead (28 mg/kg result) is above the Santa Clara County Background levels of 6.8 to 16.1 mg/kg and the mean value for Lead (7.0 mg/kg) in the soil at LBL. However, Lead is below the ESL and CHHSL of 80 mg/kg, and the state TTLC criteria of 1000 mg/kg.

Zinc (89 mg/kg result) is above the mean value for Zinc (64.0 mg/kg) in the soil at LBL and is also above the Santa Clara County background levels (47.7 to 82.8 mg/kg). However, Zinc is below the ESL (23000 mg/kg), the CHHSL of 23000 mg/kg, and the state TTLC of 5000 mg/kg.

Sample FHS-ENV-D@0.5'

The results indicate that the detected contaminants (see Detection Summary Page s 6 and 7, Job ID: 720-87425-1 and Page 5, Job ID: 720-87425-2) are all either below the ESLs and the CHHSLs, or are generally within the range of expected background metal concentrations with the exception of Arsenic, Chromium, Cobalt, Copper, Lead, Nickel, and Zinc. All other test results were non-detectable (ND).

Arsenic (11 mg/kg result) is above the ESL (0.067 mg/kg), the CHHSL (0.07 mg/kg), the mean value for Arsenic (5.5 mg/kg) in the soil at LBL, and the Santa Clara County Background levels (0.2 to 5.5 mg/kg). Arsenic is equal to the proposed upper background limit of 11 mg/kg (Duverge 2011) for soils in the flatland locations of the San Francisco Bay Area and below the state TTLC criteria (500 mg/kg). Additional Arsenic STLC results (0.25 mg/L) are below the state STLC criteria of 5.0 mg/L.

Chromium (200 mg/kg result) is above the mean value for Chromium (58.0 mg/kg) in the soil at LBL and is also above the Santa Clara County background levels (31 to 72 mg/kg). Chromium is below state TTLC criteria (2500 mg/kg), the ESL (120000 mg/kg), and the CHHSL (100000 mg/kg).

East Side Union High School District
Attn: Mr. Julio Lucas
c/o Gilbane Building Company
Attn: Alex Morrison
August 9, 2018
Page 5

mg/kg). Additional Chromium STLC and TCLP results (0.19 mg/L and 0.13 mg/L, respectively) are below the state STLC and federal TCLP criteria of 5.0 mg/L. Hexavalent Chromium test results are ND (non-detect).

Cobalt (28 mg/kg result) is above the ESL (23 mg/kg) and the mean value for Cobalt (14.0 mg/kg) in the soil at LBL. However, Cobalt is below the CHHSL (660 mg/kg) and the state TTLC criteria (8000 mg/kg).

Copper (110 mg/kg result) is above the mean value for Copper (32.0 mg/kg) in the soil at LBL and is also above the Santa Clara County background levels (23.8 to 47.5 mg/kg). However, Copper is below the ESL (3100 mg/kg), the CHHSL (3000 mg/kg), and the state TTLC criteria (2500 mg/kg).

Lead (24 mg/kg result) is above the Santa Clara County Background levels (6.8 to 16.1 mg/kg) and the mean value for Lead (7.0 mg/kg) in the soil at LBL. However, Lead is below the ESL and CHHSL (80 mg/kg), and the state TTLC criteria (1000 mg/kg).

Nickel (460 mg/kg result) is above the ESL (86 mg/kg), the mean value for Nickel (68 mg/kg) in the soil at LBL, and is also above the Santa Clara County Background levels (46.4 to 101 mg/kg). Nickel is below the CHHSL (1600 mg/kg) and the state TTLC criteria (2000 mg/kg). Additional Nickel STLC results (1.0 mg/L) are below the state STLC criteria of 20 mg/L.

Zinc (110 mg/kg result) is above the mean value for Zinc (64.0 mg/kg) in the soil at LBL and is also above the Santa Clara County background levels (47.7 to 82.8 mg/kg). However, Zinc is below the ESL (23000 mg/kg), the CHHSL (23000 mg/kg), and the state TTLC (5000 mg/kg).

Conclusions

The results of our environmental soil screening for the planned new synthetic turf field project at Foothill High School in San Jose, California indicate the presence of Arsenic, Chromium, Cobalt, Copper, Lead, Nickel and Zinc. Arsenic, in all four samples, is above the ESL and CHHSL, but is below or equal to the established upper background limit for soils in the flatland locations of the San Francisco Bay Area (Duverge 2011). Chromium in sample FHS-ENV-D@0.5' is above the Santa Clara County Background levels but is below the ESL. Cobalt in sample FHS-ENV-D@0.5' is above the ESL, but is below the CHHSL. Nickel in sample FHS-ENV-D@0.5' is above the ESL and the Santa Clara County Background levels.

East Side Union High School District
Attn: Mr. Julio Lucas
c/o Gilbane Building Company
Attn: Alex Morrison
August 9, 2018
Page 6

All other results indicate that the detected contaminants are all either below the ESLs and the CHHSLs, or are generally within the range of expected background metal concentrations.


This screening was intended for preliminary analysis; additional sampling and discrete soil screening analysis may be required by landfills or trucking companies based on quantity of soil or site area prior to offhaul or disposal of excess materials.


Our services were performed in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties, either expressed or implied.

We appreciate the opportunity to provide our services to the East Side Union High School District and its consultants. If you have any questions regarding this letter, please call.

Yours very truly,

CLEARY CONSULTANTS, INC.


Kelly Dustin
Staff Engineering Geologist


Grant Foster
Geotechnical Engineer 2662

KD/GF:cm

Copies: Addressee (email)
Gilbane Building Company (email) Attn: Alex Morrison

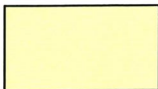
Attachments:

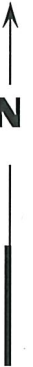
Drawing 1 – Environmental Soil Screening Sample Locations
TestAmerica Results, Job ID 720-87425-1 (62 Pages) July 23, 2018
TestAmerica Results, Job ID 720-87425-2 (14 Pages) July 30, 2018



EXPLANATION

FHS-ENV-A@0.5'  Approximate Location of Environmental Soil Sampling

 Proposed project work to be located within this area.



BASE: Downloaded from Google Maps, downloaded May 18, 2018

ENVIRONMENTAL SOIL SCREENING SAMPLE LOCATIONS

 **CLEARY CONSULTANTS, INC.**
Geotechnical Engineers and Geologists

NEW SYNTHETIC TURF FIELD
Foothill High School
San Jose, California

APPROVED BY	SCALE	PROJECT NO.	DATE	DRAWING NO.
GF	1" = 100' ±	978.19C	August 2018	1

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: 720-87425-1
Client Project/Site: Foothill High School Synthetic Turf

For:
Cleary Consultants, Inc
560 Division Street
Campbell, California 95008

Attn: Grant Foster



Authorized for release by:
7/23/2018 4:28:59 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@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.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	8
Surrogate Summary	28
QC Sample Results	30
QC Association Summary	47
Lab Chronicle	51
Certification Summary	54
Method Summary	55
Sample Summary	56
Subcontract Data	57
Chain of Custody	58
Receipt Checklists	61

Definitions/Glossary

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Job ID: 720-87425-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-87425-1

Comments

No additional comments.

Receipt

The samples were received on 7/11/2018 2:30 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.

GC/MS VOA

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample is due to the presence of discrete peaks: FHS-ENV-B@0.5' (720-87425-2). unknown

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

GC/MS Semi VOA

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

HPLC/IC

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

GC Semi VOA

Method(s) 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: FHS-ENV-A@0.5' (720-87425-1), FHS-ENV-B@0.5' (720-87425-2), FHS-ENV-C@0.5' (720-87425-3), FHS-ENV-D@0.5' (720-87425-4), (LCS 720-247523/2-A) and (MB 720-247523/1-A).

Method(s) 8081A: The %RPD between the primary and confirmation column exceeded 40% for trans-Chlordane for the following sample: FHS-ENV-B@0.5' (720-87425-2). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8015B: The continuing calibration verification (CCV) associated with batch 720-247852 recovered above the upper control limit for Motor Oil Range Organics [C24-C36]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: FHS-ENV-A@0.5' (720-87425-1).

Method(s) 8015B: The method blank for preparation batch 720-247693 and analytical batch 720-247850 contained Diesel Range Organics [C10-C28] above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

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

Metals

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: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-A@0.5'

Lab Sample ID: 720-87425-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.5	J B	1.9	0.71	mg/Kg	1		8015B	Silica Gel Cleanup
4,4'-DDE	10		1.9	0.40	ug/Kg	1		8081A	Total/NA
4,4'-DDD	1.5	J	1.9	0.58	ug/Kg	1		8081A	Total/NA
Arsenic	7.0		3.0	0.26	mg/Kg	4		6010B	Total/NA
Barium	150		1.5	0.21	mg/Kg	4		6010B	Total/NA
Beryllium	0.31		0.30	0.098	mg/Kg	4		6010B	Total/NA
Cadmium	0.20	J	0.38	0.037	mg/Kg	4		6010B	Total/NA
Chromium	29		1.5	0.16	mg/Kg	4		6010B	Total/NA
Cobalt	7.5		0.60	0.060	mg/Kg	4		6010B	Total/NA
Copper	21		4.5	2.1	mg/Kg	4		6010B	Total/NA
Lead	7.2		1.5	0.32	mg/Kg	4		6010B	Total/NA
Molybdenum	0.57	J	1.5	0.19	mg/Kg	4		6010B	Total/NA
Nickel	44		1.5	0.15	mg/Kg	4		6010B	Total/NA
Selenium	0.52	J	3.0	0.45	mg/Kg	4		6010B	Total/NA
Vanadium	26		1.5	0.20	mg/Kg	4		6010B	Total/NA
Zinc	44		4.5	1.9	mg/Kg	4		6010B	Total/NA
Arsenic	0.12		0.10	0.029	mg/L	1		6010B	STLC Citrate
Chromium	0.11		0.10	0.0070	mg/L	1		6010B	STLC Citrate
Mercury	0.044		0.017	0.0025	mg/Kg	1		7471A	Total/NA

Client Sample ID: FHS-ENV-B@0.5'

Lab Sample ID: 720-87425-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) -C4-C12	800		250	99	ug/Kg	1		8260B	Total/NA
Bis(2-ethylhexyl) phthalate	0.076	J	0.33	0.013	mg/Kg	1		8270C	Total/NA
Benzoic acid	0.13	J	0.33	0.067	mg/Kg	1		8270C	Total/NA
Diesel Range Organics [C10-C28]	6.0	B	2.0	0.73	mg/Kg	1		8015B	Silica Gel Cleanup
Motor Oil Range Organics [C24-C36]	30	J	49	9.8	mg/Kg	1		8015B	Silica Gel Cleanup
4,4'-DDT	7.5		1.9	0.39	ug/Kg	1		8081A	Total/NA
4,4'-DDE	160		1.9	0.40	ug/Kg	1		8081A	Total/NA
4,4'-DDD	18		1.9	0.58	ug/Kg	1		8081A	Total/NA
trans-Chlordane	0.45	J p	1.9	0.44	ug/Kg	1		8081A	Total/NA
Antimony	0.29	J	1.6	0.26	mg/Kg	4		6010B	Total/NA
Arsenic	7.7		3.1	0.27	mg/Kg	4		6010B	Total/NA
Barium	180		1.6	0.22	mg/Kg	4		6010B	Total/NA
Beryllium	0.34		0.31	0.10	mg/Kg	4		6010B	Total/NA
Cadmium	0.27	J	0.39	0.039	mg/Kg	4		6010B	Total/NA
Chromium	33		1.6	0.17	mg/Kg	4		6010B	Total/NA
Cobalt	9.8		0.63	0.063	mg/Kg	4		6010B	Total/NA
Copper	41		4.7	2.2	mg/Kg	4		6010B	Total/NA
Lead	19		1.6	0.33	mg/Kg	4		6010B	Total/NA
Molybdenum	0.54	J	1.6	0.20	mg/Kg	4		6010B	Total/NA
Nickel	49		1.6	0.16	mg/Kg	4		6010B	Total/NA
Selenium	1.2	J	3.1	0.47	mg/Kg	4		6010B	Total/NA
Vanadium	32		1.6	0.21	mg/Kg	4		6010B	Total/NA
Zinc	69		4.7	2.0	mg/Kg	4		6010B	Total/NA
Arsenic	0.14		0.10	0.029	mg/L	1		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-B@0.5' (Continued)

Lab Sample ID: 720-87425-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.14		0.10	0.0070	mg/L	1		6010B	STLC Citrate
Mercury	0.065		0.015	0.0023	mg/Kg	1		7471A	Total/NA

Client Sample ID: FHS-ENV-C@0.5'

Lab Sample ID: 720-87425-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	0.075	J	0.32	0.013	mg/Kg	1		8270C	Total/NA
Diesel Range Organics [C10-C28]	4.4	B	2.0	0.75	mg/Kg	1		8015B	Silica Gel Cleanup
Motor Oil Range Organics [C24-C36]	26	J	50	9.9	mg/Kg	1		8015B	Silica Gel Cleanup
4,4'-DDT	6.4		2.0	0.41	ug/Kg	1		8081A	Total/NA
4,4'-DDE	180		2.0	0.42	ug/Kg	1		8081A	Total/NA
4,4'-DDD	24		2.0	0.61	ug/Kg	1		8081A	Total/NA
Arsenic	9.9		3.7	0.32	mg/Kg	4		6010B	Total/NA
Barium	180		1.9	0.27	mg/Kg	4		6010B	Total/NA
Beryllium	0.31	J	0.37	0.12	mg/Kg	4		6010B	Total/NA
Cadmium	0.27	J	0.47	0.046	mg/Kg	4		6010B	Total/NA
Chromium	34		1.9	0.20	mg/Kg	4		6010B	Total/NA
Cobalt	11		0.75	0.075	mg/Kg	4		6010B	Total/NA
Copper	90		5.6	2.7	mg/Kg	4		6010B	Total/NA
Lead	28		1.9	0.39	mg/Kg	4		6010B	Total/NA
Molybdenum	0.49	J	1.9	0.24	mg/Kg	4		6010B	Total/NA
Nickel	49		1.9	0.19	mg/Kg	4		6010B	Total/NA
Vanadium	32		1.9	0.25	mg/Kg	4		6010B	Total/NA
Zinc	89		5.6	2.4	mg/Kg	4		6010B	Total/NA
Arsenic	0.20		0.10	0.029	mg/L	1		6010B	STLC Citrate
Chromium	0.13		0.10	0.0070	mg/L	1		6010B	STLC Citrate
Mercury	0.069		0.015	0.0022	mg/Kg	1		7471A	Total/NA

Client Sample ID: FHS-ENV-D@0.5'

Lab Sample ID: 720-87425-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.013	J	0.065	0.011	mg/Kg	1		8270C	Total/NA
Pyridine	0.012	J F1	0.065	0.0085	mg/Kg	1		8270C	Total/NA
Diesel Range Organics [C10-C28]	7.3	B	1.9	0.73	mg/Kg	1		8015B	Silica Gel Cleanup
Motor Oil Range Organics [C24-C36]	33	J	49	9.7	mg/Kg	1		8015B	Silica Gel Cleanup
4,4'-DDT	23		9.4	1.9	ug/Kg	5		8081A	Total/NA
4,4'-DDE	350		9.4	2.0	ug/Kg	5		8081A	Total/NA
4,4'-DDD	6.3	J	9.4	2.9	ug/Kg	5		8081A	Total/NA
Antimony	0.33	J	2.0	0.33	mg/Kg	4		6010B	Total/NA
Arsenic	11		4.0	0.34	mg/Kg	4		6010B	Total/NA
Barium	150		2.0	0.28	mg/Kg	4		6010B	Total/NA
Beryllium	0.30	J	0.40	0.13	mg/Kg	4		6010B	Total/NA
Cadmium	0.29	J	0.50	0.049	mg/Kg	4		6010B	Total/NA
Chromium	200		2.0	0.21	mg/Kg	4		6010B	Total/NA
Cobalt	28		0.79	0.079	mg/Kg	4		6010B	Total/NA
Copper	110		5.9	2.8	mg/Kg	4		6010B	Total/NA
Lead	24		2.0	0.42	mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-D@0.5' (Continued)

Lab Sample ID: 720-87425-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Molybdenum	0.50	J	2.0	0.25	mg/Kg	4		6010B	Total/NA
Nickel	460		2.0	0.20	mg/Kg	4		6010B	Total/NA
Vanadium	35		2.0	0.27	mg/Kg	4		6010B	Total/NA
Zinc	110		5.9	2.5	mg/Kg	4		6010B	Total/NA
Arsenic	0.25		0.10	0.029	mg/L	1		6010B	STLC Citrate
Chromium	0.19		0.10	0.0070	mg/L	1		6010B	STLC Citrate
Nickel	1.0	B	0.10	0.010	mg/L	1		6010B	STLC Citrate
Mercury	0.047		0.016	0.0023	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-A@0.5'

Lab Sample ID: 720-87425-1

Date Collected: 07/10/18 14:10

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9	1.2	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Acetone	ND		49	37	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Benzene	ND		4.9	0.64	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Dichlorobromomethane	ND		4.9	0.71	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Bromobenzene	ND		4.9	0.78	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Chlorobromomethane	ND		20	0.71	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Bromoform	ND		4.9	2.0	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Bromomethane	ND		9.8	0.78	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
2-Butanone (MEK)	ND		49	21	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
n-Butylbenzene	ND		4.9	0.98	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
sec-Butylbenzene	ND		4.9	0.71	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
tert-Butylbenzene	ND		4.9	0.72	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Carbon disulfide	ND		4.9	2.0	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Carbon tetrachloride	ND		4.9	0.61	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Chlorobenzene	ND		4.9	0.68	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Chloroethane	ND		9.8	0.55	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Chloroform	ND		4.9	0.65	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Chloromethane	ND		9.8	0.78	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
2-Chlorotoluene	ND		4.9	0.64	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
4-Chlorotoluene	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Chlorodibromomethane	ND		4.9	0.70	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,2-Dichlorobenzene	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,3-Dichlorobenzene	ND		4.9	0.71	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,4-Dichlorobenzene	ND		4.9	0.70	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,3-Dichloropropane	ND		4.9	0.72	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,1-Dichloropropene	ND		4.9	0.68	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,2-Dibromo-3-Chloropropane	ND		9.8	1.7	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Ethylene Dibromide	ND		4.9	1.4	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Dibromomethane	ND		9.8	0.85	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Dichlorodifluoromethane	ND		9.8	0.78	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,1-Dichloroethane	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,2-Dichloroethane	ND		4.9	0.75	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,1-Dichloroethene	ND		4.9	0.61	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
cis-1,2-Dichloroethene	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
trans-1,2-Dichloroethene	ND		4.9	0.74	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,2-Dichloropropane	ND		4.9	0.62	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
cis-1,3-Dichloropropene	ND		4.9	0.68	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
trans-1,3-Dichloropropene	ND		4.9	0.66	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Ethylbenzene	ND		4.9	0.74	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Hexachlorobutadiene	ND		4.9	0.89	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
2-Hexanone	ND		49	9.8	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Isopropylbenzene	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
4-Isopropyltoluene	ND		4.9	2.5	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Methylene Chloride	ND		9.8	5.5	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
4-Methyl-2-pentanone (MIBK)	ND		49	9.8	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Naphthalene	ND		9.8	1.5	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
N-Propylbenzene	ND		4.9	0.65	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Styrene	ND		4.9	0.62	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,1,1,2-Tetrachloroethane	ND		4.9	0.75	ug/Kg		07/11/18 17:22	07/12/18 02:56	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-A@0.5'

Lab Sample ID: 720-87425-1

Date Collected: 07/10/18 14:10

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9	0.74	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Tetrachloroethene	ND		4.9	0.66	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Toluene	ND		4.9	0.70	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,2,3-Trichlorobenzene	ND		4.9	0.73	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,2,4-Trichlorobenzene	ND		4.9	0.70	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,1,1-Trichloroethane	ND		4.9	0.60	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,1,2-Trichloroethane	ND		4.9	0.69	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Trichloroethene	ND		4.9	0.62	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Trichlorofluoromethane	ND		4.9	0.55	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,2,3-Trichloropropane	ND		4.9	0.76	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9	2.0	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,2,4-Trimethylbenzene	ND		4.9	1.6	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
1,3,5-Trimethylbenzene	ND		4.9	0.64	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Vinyl acetate	ND		20	4.9	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Vinyl chloride	ND		4.9	0.72	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Xylenes, Total	ND		4.9	1.2	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
2,2-Dichloropropane	ND		4.9	2.0	ug/Kg		07/11/18 17:22	07/12/18 02:56	1
Gasoline Range Organics (GRO) -C4-C12	ND		250	98	ug/Kg		07/11/18 17:22	07/12/18 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	07/11/18 17:22	07/12/18 02:56	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 140	07/11/18 17:22	07/12/18 02:56	1
Toluene-d8 (Surr)	95		58 - 140	07/11/18 17:22	07/12/18 02:56	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Bis(2-chloroethyl)ether	ND		0.067	0.014	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2-Chlorophenol	ND		0.067	0.0074	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
1,3-Dichlorobenzene	ND		0.067	0.0080	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
1,4-Dichlorobenzene	ND		0.067	0.018	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Benzyl alcohol	ND		0.17	0.010	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
1,2-Dichlorobenzene	ND		0.067	0.0093	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2-Methylphenol	ND		0.067	0.0099	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Methylphenol, 3 & 4	ND		0.067	0.019	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
N-Nitrosodi-n-propylamine	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Hexachloroethane	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Nitrobenzene	ND		0.067	0.028	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Isophorone	ND		0.067	0.0093	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2-Nitrophenol	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2,4-Dimethylphenol	ND		0.13	0.054	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Bis(2-chloroethoxy)methane	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2,4-Dichlorophenol	ND		0.33	0.0089	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
1,2,4-Trichlorobenzene	ND		0.067	0.014	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Naphthalene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
4-Chloroaniline	ND		0.17	0.0087	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Hexachlorobutadiene	ND		0.067	0.0099	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
4-Chloro-3-methylphenol	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2-Methylnaphthalene	ND		0.067	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:01	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-A@0.5'

Lab Sample ID: 720-87425-1

Date Collected: 07/10/18 14:10

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.17	0.054	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2,4,6-Trichlorophenol	ND		0.17	0.020	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2,4,5-Trichlorophenol	ND		0.067	0.0083	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2-Chloronaphthalene	ND		0.067	0.0095	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2-Nitroaniline	ND		0.33	0.068	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Dimethyl phthalate	ND		0.17	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Acenaphthylene	ND		0.067	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
3-Nitroaniline	ND		0.17	0.078	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Acenaphthene	ND		0.067	0.0076	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2,4-Dinitrophenol	ND		0.66	0.13	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
4-Nitrophenol	ND		0.33	0.068	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Dibenzofuran	ND		0.067	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2,4-Dinitrotoluene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2,6-Dinitrotoluene	ND		0.13	0.068	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Diethyl phthalate	ND		0.17	0.0093	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
4-Chlorophenyl phenyl ether	ND		0.17	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Fluorene	ND		0.067	0.0080	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
4-Nitroaniline	ND		0.33	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
2-Methyl-4,6-dinitrophenol	ND		0.33	0.068	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
N-Nitrosodiphenylamine	ND		0.067	0.0078	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
4-Bromophenyl phenyl ether	ND		0.17	0.0099	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Hexachlorobenzene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Pentachlorophenol	ND		0.33	0.13	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Phenanthrene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Anthracene	ND		0.067	0.0085	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Di-n-butyl phthalate	ND		0.17	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Fluoranthene	ND		0.067	0.015	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Pyrene	ND		0.067	0.0076	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Butyl benzyl phthalate	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
3,3'-Dichlorobenzidine	ND		0.17	0.020	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Benzo[a]anthracene	ND		0.33	0.036	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Bis(2-ethylhexyl) phthalate	ND		0.33	0.013	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Chrysene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Di-n-octyl phthalate	ND		0.17	0.0095	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Benzo[b]fluoranthene	ND		0.067	0.019	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Benzo[a]pyrene	ND		0.067	0.013	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Benzo[k]fluoranthene	ND		0.067	0.028	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Indeno[1,2,3-cd]pyrene	ND		0.067	0.026	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Benzo[g,h,i]perylene	ND		0.13	0.040	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Benzoic acid	ND		0.33	0.068	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Pyridine	ND		0.067	0.0087	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Azobenzene	ND		0.067	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:01	1
Dibenz(a,h)anthracene	ND		0.067	0.030	mg/Kg		07/12/18 11:43	07/16/18 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	69		21 - 98	07/12/18 11:43	07/16/18 16:01	1
2-Fluorobiphenyl	67		30 - 112	07/12/18 11:43	07/16/18 16:01	1
Terphenyl-d14	87		59 - 134	07/12/18 11:43	07/16/18 16:01	1
2-Fluorophenol	77		28 - 98	07/12/18 11:43	07/16/18 16:01	1
Phenol-d5	80		23 - 101	07/12/18 11:43	07/16/18 16:01	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-A@0.5'

Lab Sample ID: 720-87425-1

Date Collected: 07/10/18 14:10

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		37 - 114	07/12/18 11:43	07/16/18 16:01	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]	1.5	J B	1.9	0.71	mg/Kg		07/13/18 16:54	07/17/18 20:16	1
Motor Oil Range Organics [C24-C36]	ND		47	9.5	mg/Kg		07/13/18 16:54	07/17/18 20:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.05		0 - 1	07/13/18 16:54	07/17/18 20:16	1
p-Terphenyl	93		38 - 148	07/13/18 16:54	07/17/18 20:16	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9	0.47	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Dieldrin	ND		1.9	0.56	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Endrin aldehyde	ND		1.9	0.60	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Endrin	ND		1.9	0.43	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Endrin ketone	ND		1.9	0.31	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Heptachlor	ND		1.9	0.43	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Heptachlor epoxide	ND		1.9	0.33	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
4,4'-DDT	ND		1.9	0.39	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
4,4'-DDE	10		1.9	0.40	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
4,4'-DDD	1.5	J	1.9	0.58	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Endosulfan I	ND		1.9	0.30	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Endosulfan II	ND		1.9	0.46	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
alpha-BHC	ND		1.9	0.52	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
beta-BHC	ND		1.9	0.34	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
gamma-BHC (Lindane)	ND		1.9	0.60	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
delta-BHC	ND		1.9	0.42	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Endosulfan sulfate	ND		1.9	0.36	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Methoxychlor	ND		1.9	0.64	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Toxaphene	ND		38	6.4	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
Chlordane (technical)	ND		38	3.0	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
cis-Chlordane	ND		1.9	0.38	ug/Kg		07/12/18 12:28	07/14/18 07:41	1
trans-Chlordane	ND		1.9	0.43	ug/Kg		07/12/18 12:28	07/14/18 07:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		21 - 145	07/12/18 12:28	07/14/18 07:41	1
DCB Decachlorobiphenyl	107		21 - 136	07/12/18 12:28	07/14/18 07:41	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 17:46	1
PCB-1221	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 17:46	1
PCB-1232	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 17:46	1
PCB-1242	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 17:46	1
PCB-1248	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 17:46	1
PCB-1254	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 17:46	1
PCB-1260	ND		47	5.0	ug/Kg		07/12/18 12:31	07/13/18 17:46	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-A@0.5'

Lab Sample ID: 720-87425-1

Date Collected: 07/10/18 14:10

Matrix: Solid

Date Received: 07/11/18 14:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		45 - 132	07/12/18 12:31	07/13/18 17:46	1
DCB Decachlorobiphenyl	80		42 - 146	07/12/18 12:31	07/13/18 17:46	1

Method: 7199 - Chromium, Hexavalent (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.30	0.15	mg/Kg		07/19/18 23:03	07/20/18 09:34	3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.5	0.25	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Arsenic	7.0		3.0	0.26	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Barium	150		1.5	0.21	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Beryllium	0.31		0.30	0.098	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Cadmium	0.20	J	0.38	0.037	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Chromium	29		1.5	0.16	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Cobalt	7.5		0.60	0.060	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Copper	21		4.5	2.1	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Lead	7.2		1.5	0.32	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Molybdenum	0.57	J	1.5	0.19	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Nickel	44		1.5	0.15	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Selenium	0.52	J	3.0	0.45	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Silver	ND		0.75	0.15	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Thallium	ND		1.5	0.44	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Vanadium	26		1.5	0.20	mg/Kg		07/11/18 18:44	07/13/18 19:38	4
Zinc	44		4.5	1.9	mg/Kg		07/11/18 18:44	07/13/18 19:38	4

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.12		0.10	0.029	mg/L		07/17/18 10:35	07/17/18 17:50	1
Chromium	0.11		0.10	0.0070	mg/L		07/17/18 10:35	07/17/18 17:50	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044		0.017	0.0025	mg/Kg		07/11/18 18:06	07/16/18 16:15	1

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-B@0.5'

Lab Sample ID: 720-87425-2

Date Collected: 07/10/18 14:30

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9	1.2	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Acetone	ND		49	37	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Benzene	ND		4.9	0.64	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Dichlorobromomethane	ND		4.9	0.71	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Bromobenzene	ND		4.9	0.78	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Chlorobromomethane	ND		20	0.71	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Bromoform	ND		4.9	2.0	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Bromomethane	ND		9.9	0.78	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
2-Butanone (MEK)	ND		49	21	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
n-Butylbenzene	ND		4.9	0.99	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
sec-Butylbenzene	ND		4.9	0.71	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
tert-Butylbenzene	ND		4.9	0.72	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Carbon disulfide	ND		4.9	2.0	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Carbon tetrachloride	ND		4.9	0.61	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Chlorobenzene	ND		4.9	0.68	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Chloroethane	ND		9.9	0.55	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Chloroform	ND		4.9	0.65	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Chloromethane	ND		9.9	0.78	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
2-Chlorotoluene	ND		4.9	0.64	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
4-Chlorotoluene	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Chlorodibromomethane	ND		4.9	0.70	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,2-Dichlorobenzene	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,3-Dichlorobenzene	ND		4.9	0.71	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,4-Dichlorobenzene	ND		4.9	0.70	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,3-Dichloropropane	ND		4.9	0.72	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,1-Dichloropropene	ND		4.9	0.68	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,2-Dibromo-3-Chloropropane	ND		9.9	1.7	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Ethylene Dibromide	ND		4.9	1.4	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Dibromomethane	ND		9.9	0.85	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Dichlorodifluoromethane	ND		9.9	0.78	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,1-Dichloroethane	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,2-Dichloroethane	ND		4.9	0.75	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,1-Dichloroethene	ND		4.9	0.61	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
cis-1,2-Dichloroethene	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
trans-1,2-Dichloroethene	ND		4.9	0.74	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,2-Dichloropropane	ND		4.9	0.62	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
cis-1,3-Dichloropropene	ND		4.9	0.68	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
trans-1,3-Dichloropropene	ND		4.9	0.66	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Ethylbenzene	ND		4.9	0.74	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Hexachlorobutadiene	ND		4.9	0.89	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
2-Hexanone	ND		49	9.9	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Isopropylbenzene	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
4-Isopropyltoluene	ND		4.9	2.5	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Methylene Chloride	ND		9.9	5.5	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
4-Methyl-2-pentanone (MIBK)	ND		49	9.9	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Naphthalene	ND		9.9	1.5	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
N-Propylbenzene	ND		4.9	0.65	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Styrene	ND		4.9	0.62	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,1,1,2-Tetrachloroethane	ND		4.9	0.75	ug/Kg		07/11/18 17:22	07/12/18 03:27	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-B@0.5'

Lab Sample ID: 720-87425-2

Date Collected: 07/10/18 14:30

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9	0.74	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Tetrachloroethene	ND		4.9	0.66	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Toluene	ND		4.9	0.70	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,2,3-Trichlorobenzene	ND		4.9	0.73	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,2,4-Trichlorobenzene	ND		4.9	0.70	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,1,1-Trichloroethane	ND		4.9	0.60	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,1,2-Trichloroethane	ND		4.9	0.69	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Trichloroethene	ND		4.9	0.62	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Trichlorofluoromethane	ND		4.9	0.55	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,2,3-Trichloropropane	ND		4.9	0.76	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9	2.1	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,2,4-Trimethylbenzene	ND		4.9	1.6	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
1,3,5-Trimethylbenzene	ND		4.9	0.64	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Vinyl acetate	ND		20	4.9	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Vinyl chloride	ND		4.9	0.72	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Xylenes, Total	ND		4.9	1.2	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
2,2-Dichloropropane	ND		4.9	2.0	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
Gasoline Range Organics (GRO)	800		250	99	ug/Kg		07/11/18 17:22	07/12/18 03:27	1
-C4-C12									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	83		45 - 131	07/11/18 17:22	07/12/18 03:27	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140	07/11/18 17:22	07/12/18 03:27	1
Toluene-d8 (Surr)	91		58 - 140	07/11/18 17:22	07/12/18 03:27	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Bis(2-chloroethyl)ether	ND		0.066	0.014	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2-Chlorophenol	ND		0.066	0.0073	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
1,3-Dichlorobenzene	ND		0.066	0.0079	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
1,4-Dichlorobenzene	ND		0.066	0.018	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Benzyl alcohol	ND		0.17	0.010	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
1,2-Dichlorobenzene	ND		0.066	0.0093	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2-Methylphenol	ND		0.066	0.0098	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Methylphenol, 3 & 4	ND		0.066	0.019	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
N-Nitrosodi-n-propylamine	ND		0.13	0.065	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Hexachloroethane	ND		0.13	0.065	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Nitrobenzene	ND		0.066	0.028	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Isophorone	ND		0.066	0.0093	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2-Nitrophenol	ND		0.13	0.065	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2,4-Dimethylphenol	ND		0.13	0.053	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Bis(2-chloroethoxy)methane	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2,4-Dichlorophenol	ND		0.33	0.0089	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
1,2,4-Trichlorobenzene	ND		0.066	0.014	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Naphthalene	ND		0.13	0.065	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
4-Chloroaniline	ND		0.17	0.0087	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Hexachlorobutadiene	ND		0.066	0.0098	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
4-Chloro-3-methylphenol	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2-Methylnaphthalene	ND		0.066	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:24	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-B@0.5'

Lab Sample ID: 720-87425-2

Date Collected: 07/10/18 14:30

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.17	0.053	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2,4,6-Trichlorophenol	ND		0.17	0.020	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2,4,5-Trichlorophenol	ND		0.066	0.0083	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2-Chloronaphthalene	ND		0.066	0.0095	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2-Nitroaniline	ND		0.33	0.067	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Dimethyl phthalate	ND		0.17	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Acenaphthylene	ND		0.066	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
3-Nitroaniline	ND		0.17	0.077	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Acenaphthene	ND		0.066	0.0075	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2,4-Dinitrophenol	ND		0.65	0.13	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
4-Nitrophenol	ND		0.33	0.067	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Dibenzofuran	ND		0.066	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2,4-Dinitrotoluene	ND		0.13	0.065	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2,6-Dinitrotoluene	ND		0.13	0.067	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Diethyl phthalate	ND		0.17	0.0093	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
4-Chlorophenyl phenyl ether	ND		0.17	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Fluorene	ND		0.066	0.0079	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
4-Nitroaniline	ND		0.33	0.065	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
2-Methyl-4,6-dinitrophenol	ND		0.33	0.067	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
N-Nitrosodiphenylamine	ND		0.066	0.0077	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
4-Bromophenyl phenyl ether	ND		0.17	0.0098	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Hexachlorobenzene	ND		0.13	0.065	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Pentachlorophenol	ND		0.33	0.13	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Phenanthrene	ND		0.13	0.065	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Anthracene	ND		0.066	0.0085	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Di-n-butyl phthalate	ND		0.17	0.065	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Fluoranthene	ND		0.066	0.015	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Pyrene	ND		0.066	0.0075	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Butyl benzyl phthalate	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
3,3'-Dichlorobenzidine	ND		0.17	0.020	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Benzo[a]anthracene	ND		0.33	0.035	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Bis(2-ethylhexyl) phthalate	0.076	J	0.33	0.013	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Chrysene	ND		0.13	0.065	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Di-n-octyl phthalate	ND		0.17	0.0095	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Benzo[b]fluoranthene	ND		0.066	0.019	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Benzo[a]pyrene	ND		0.066	0.013	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Benzo[k]fluoranthene	ND		0.066	0.028	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Indeno[1,2,3-cd]pyrene	ND		0.066	0.026	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Benzo[g,h,i]perylene	ND		0.13	0.039	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Benzoic acid	0.13	J	0.33	0.067	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Pyridine	ND		0.066	0.0087	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Azobenzene	ND		0.066	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:24	1
Dibenz(a,h)anthracene	ND		0.066	0.030	mg/Kg		07/12/18 11:43	07/16/18 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	66		21 - 98	07/12/18 11:43	07/16/18 16:24	1
2-Fluorobiphenyl	65		30 - 112	07/12/18 11:43	07/16/18 16:24	1
Terphenyl-d14	86		59 - 134	07/12/18 11:43	07/16/18 16:24	1
2-Fluorophenol	73		28 - 98	07/12/18 11:43	07/16/18 16:24	1
Phenol-d5	76		23 - 101	07/12/18 11:43	07/16/18 16:24	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-B@0.5'

Lab Sample ID: 720-87425-2

Date Collected: 07/10/18 14:30

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		37 - 114	07/12/18 11:43	07/16/18 16:24	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]	6.0	B	2.0	0.73	mg/Kg		07/13/18 16:54	07/18/18 15:18	1
Motor Oil Range Organics [C24-C36]	30	J	49	9.8	mg/Kg		07/13/18 16:54	07/18/18 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.01		0 - 1	07/13/18 16:54	07/18/18 15:18	1
p-Terphenyl	112		38 - 148	07/13/18 16:54	07/18/18 15:18	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9	0.47	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Dieldrin	ND		1.9	0.56	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Endrin aldehyde	ND		1.9	0.60	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Endrin	ND		1.9	0.44	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Endrin ketone	ND		1.9	0.31	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Heptachlor	ND		1.9	0.44	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Heptachlor epoxide	ND		1.9	0.33	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
4,4'-DDT	7.5		1.9	0.39	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
4,4'-DDE	160		1.9	0.40	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
4,4'-DDD	18		1.9	0.58	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Endosulfan I	ND		1.9	0.30	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Endosulfan II	ND		1.9	0.46	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
alpha-BHC	ND		1.9	0.52	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
beta-BHC	ND		1.9	0.34	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
gamma-BHC (Lindane)	ND		1.9	0.60	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
delta-BHC	ND		1.9	0.42	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Endosulfan sulfate	ND		1.9	0.36	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Methoxychlor	ND		1.9	0.64	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Toxaphene	ND		38	6.4	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
Chlordane (technical)	ND		38	3.0	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
cis-Chlordane	ND		1.9	0.38	ug/Kg		07/12/18 12:28	07/14/18 07:57	1
trans-Chlordane	0.45	J p	1.9	0.44	ug/Kg		07/12/18 12:28	07/14/18 07:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		21 - 145	07/12/18 12:28	07/14/18 07:57	1
DCB Decachlorobiphenyl	108		21 - 136	07/12/18 12:28	07/14/18 07:57	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:03	1
PCB-1221	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:03	1
PCB-1232	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:03	1
PCB-1242	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:03	1
PCB-1248	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:03	1
PCB-1254	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:03	1
PCB-1260	ND		47	5.0	ug/Kg		07/12/18 12:31	07/13/18 18:03	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-B@0.5'

Lab Sample ID: 720-87425-2

Date Collected: 07/10/18 14:30

Matrix: Solid

Date Received: 07/11/18 14:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		45 - 132	07/12/18 12:31	07/13/18 18:03	1
DCB Decachlorobiphenyl	84		42 - 146	07/12/18 12:31	07/13/18 18:03	1

Method: 7199 - Chromium, Hexavalent (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.30	0.15	mg/Kg		07/19/18 23:03	07/20/18 09:46	3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.29	J	1.6	0.26	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Arsenic	7.7		3.1	0.27	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Barium	180		1.6	0.22	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Beryllium	0.34		0.31	0.10	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Cadmium	0.27	J	0.39	0.039	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Chromium	33		1.6	0.17	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Cobalt	9.8		0.63	0.063	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Copper	41		4.7	2.2	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Lead	19		1.6	0.33	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Molybdenum	0.54	J	1.6	0.20	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Nickel	49		1.6	0.16	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Selenium	1.2	J	3.1	0.47	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Silver	ND		0.78	0.16	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Thallium	ND		1.6	0.45	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Vanadium	32		1.6	0.21	mg/Kg		07/11/18 18:44	07/13/18 19:43	4
Zinc	69		4.7	2.0	mg/Kg		07/11/18 18:44	07/13/18 19:43	4

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.14		0.10	0.029	mg/L		07/17/18 10:35	07/17/18 17:55	1
Chromium	0.14		0.10	0.0070	mg/L		07/17/18 10:35	07/17/18 17:55	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.065		0.015	0.0023	mg/Kg		07/11/18 18:06	07/16/18 16:17	1

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-C@0.5'

Lab Sample ID: 720-87425-3

Date Collected: 07/10/18 14:50

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9	1.2	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Acetone	ND		49	37	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Benzene	ND		4.9	0.63	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Dichlorobromomethane	ND		4.9	0.70	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Bromobenzene	ND		4.9	0.77	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Chlorobromomethane	ND		19	0.70	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Bromoform	ND		4.9	1.9	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Bromomethane	ND		9.7	0.77	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
2-Butanone (MEK)	ND		49	20	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
n-Butylbenzene	ND		4.9	0.97	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
sec-Butylbenzene	ND		4.9	0.70	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
tert-Butylbenzene	ND		4.9	0.71	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Carbon disulfide	ND		4.9	1.9	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Carbon tetrachloride	ND		4.9	0.60	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Chlorobenzene	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Chloroethane	ND		9.7	0.55	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Chloroform	ND		4.9	0.64	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Chloromethane	ND		9.7	0.77	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
2-Chlorotoluene	ND		4.9	0.63	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
4-Chlorotoluene	ND		4.9	0.66	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Chlorodibromomethane	ND		4.9	0.69	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,2-Dichlorobenzene	ND		4.9	0.66	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,3-Dichlorobenzene	ND		4.9	0.70	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,4-Dichlorobenzene	ND		4.9	0.69	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,3-Dichloropropane	ND		4.9	0.71	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,1-Dichloropropene	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,2-Dibromo-3-Chloropropane	ND		9.7	1.7	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Ethylene Dibromide	ND		4.9	1.4	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Dibromomethane	ND		9.7	0.84	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Dichlorodifluoromethane	ND		9.7	0.77	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,1-Dichloroethane	ND		4.9	0.66	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,2-Dichloroethane	ND		4.9	0.74	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,1-Dichloroethene	ND		4.9	0.60	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
cis-1,2-Dichloroethene	ND		4.9	0.66	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
trans-1,2-Dichloroethene	ND		4.9	0.73	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,2-Dichloropropane	ND		4.9	0.61	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
cis-1,3-Dichloropropene	ND		4.9	0.67	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
trans-1,3-Dichloropropene	ND		4.9	0.65	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Ethylbenzene	ND		4.9	0.73	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Hexachlorobutadiene	ND		4.9	0.88	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
2-Hexanone	ND		49	9.7	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Isopropylbenzene	ND		4.9	0.66	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
4-Isopropyltoluene	ND		4.9	2.4	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Methylene Chloride	ND		9.7	5.5	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
4-Methyl-2-pentanone (MIBK)	ND		49	9.7	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Naphthalene	ND		9.7	1.5	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
N-Propylbenzene	ND		4.9	0.64	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Styrene	ND		4.9	0.61	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,1,1,2-Tetrachloroethane	ND		4.9	0.74	ug/Kg		07/11/18 17:22	07/12/18 03:58	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-C@0.5'

Lab Sample ID: 720-87425-3

Date Collected: 07/10/18 14:50

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9	0.73	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Tetrachloroethene	ND		4.9	0.65	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Toluene	ND		4.9	0.69	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,2,3-Trichlorobenzene	ND		4.9	0.72	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,2,4-Trichlorobenzene	ND		4.9	0.69	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,1,1-Trichloroethane	ND		4.9	0.59	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,1,2-Trichloroethane	ND		4.9	0.68	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Trichloroethene	ND		4.9	0.61	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Trichlorofluoromethane	ND		4.9	0.55	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,2,3-Trichloropropane	ND		4.9	0.75	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9	2.0	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,2,4-Trimethylbenzene	ND		4.9	1.6	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
1,3,5-Trimethylbenzene	ND		4.9	0.63	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Vinyl acetate	ND		19	4.9	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Vinyl chloride	ND		4.9	0.71	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Xylenes, Total	ND		4.9	1.2	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
2,2-Dichloropropane	ND		4.9	1.9	ug/Kg		07/11/18 17:22	07/12/18 03:58	1
Gasoline Range Organics (GRO) -C4-C12	ND		240	97	ug/Kg		07/11/18 17:22	07/12/18 03:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	85		45 - 131	07/11/18 17:22	07/12/18 03:58	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140	07/11/18 17:22	07/12/18 03:58	1
Toluene-d8 (Surr)	93		58 - 140	07/11/18 17:22	07/12/18 03:58	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.065	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Bis(2-chloroethyl)ether	ND		0.065	0.014	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2-Chlorophenol	ND		0.065	0.0072	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
1,3-Dichlorobenzene	ND		0.065	0.0077	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
1,4-Dichlorobenzene	ND		0.065	0.017	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Benzyl alcohol	ND		0.16	0.010	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
1,2-Dichlorobenzene	ND		0.065	0.0091	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2-Methylphenol	ND		0.065	0.0097	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Methylphenol, 3 & 4	ND		0.065	0.018	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
N-Nitrosodi-n-propylamine	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Hexachloroethane	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Nitrobenzene	ND		0.065	0.027	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Isophorone	ND		0.065	0.0091	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2-Nitrophenol	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2,4-Dimethylphenol	ND		0.13	0.052	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Bis(2-chloroethoxy)methane	ND		0.16	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2,4-Dichlorophenol	ND		0.32	0.0087	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
1,2,4-Trichlorobenzene	ND		0.065	0.014	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Naphthalene	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
4-Chloroaniline	ND		0.16	0.0085	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Hexachlorobutadiene	ND		0.065	0.0097	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
4-Chloro-3-methylphenol	ND		0.16	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2-Methylnaphthalene	ND		0.065	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:46	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-C@0.5'

Lab Sample ID: 720-87425-3

Date Collected: 07/10/18 14:50

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.16	0.052	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2,4,6-Trichlorophenol	ND		0.16	0.019	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2,4,5-Trichlorophenol	ND		0.065	0.0081	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2-Chloronaphthalene	ND		0.065	0.0093	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2-Nitroaniline	ND		0.32	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Dimethyl phthalate	ND		0.16	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Acenaphthylene	ND		0.065	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
3-Nitroaniline	ND		0.16	0.076	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Acenaphthene	ND		0.065	0.0074	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2,4-Dinitrophenol	ND		0.64	0.13	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
4-Nitrophenol	ND		0.32	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Dibenzofuran	ND		0.065	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2,4-Dinitrotoluene	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2,6-Dinitrotoluene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Diethyl phthalate	ND		0.16	0.0091	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
4-Chlorophenyl phenyl ether	ND		0.16	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Fluorene	ND		0.065	0.0077	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
4-Nitroaniline	ND		0.32	0.064	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
2-Methyl-4,6-dinitrophenol	ND		0.32	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
N-Nitrosodiphenylamine	ND		0.065	0.0076	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
4-Bromophenyl phenyl ether	ND		0.16	0.0097	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Hexachlorobenzene	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Pentachlorophenol	ND		0.32	0.13	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Phenanthrene	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Anthracene	ND		0.065	0.0083	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Di-n-butyl phthalate	ND		0.16	0.064	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Fluoranthene	ND		0.065	0.015	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Pyrene	ND		0.065	0.0074	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Butyl benzyl phthalate	ND		0.16	0.011	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
3,3'-Dichlorobenzidine	ND		0.16	0.019	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Benzo[a]anthracene	ND		0.32	0.035	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Bis(2-ethylhexyl) phthalate	0.075	J	0.32	0.013	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Chrysene	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Di-n-octyl phthalate	ND		0.16	0.0093	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Benzo[b]fluoranthene	ND		0.065	0.018	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Benzo[a]pyrene	ND		0.065	0.013	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Benzo[k]fluoranthene	ND		0.065	0.027	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Indeno[1,2,3-cd]pyrene	ND		0.065	0.025	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Benzo[g,h,i]perylene	ND		0.13	0.039	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Benzoic acid	ND		0.32	0.066	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Pyridine	ND		0.065	0.0085	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Azobenzene	ND		0.065	0.012	mg/Kg		07/12/18 11:43	07/16/18 16:46	1
Dibenz(a,h)anthracene	ND		0.065	0.029	mg/Kg		07/12/18 11:43	07/16/18 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	66		21 - 98	07/12/18 11:43	07/16/18 16:46	1
2-Fluorobiphenyl	65		30 - 112	07/12/18 11:43	07/16/18 16:46	1
Terphenyl-d14	80		59 - 134	07/12/18 11:43	07/16/18 16:46	1
2-Fluorophenol	69		28 - 98	07/12/18 11:43	07/16/18 16:46	1
Phenol-d5	73		23 - 101	07/12/18 11:43	07/16/18 16:46	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-C@0.5'

Lab Sample ID: 720-87425-3

Date Collected: 07/10/18 14:50

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	70		37 - 114	07/12/18 11:43	07/16/18 16:46	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]	4.4	B	2.0	0.75	mg/Kg		07/13/18 16:54	07/18/18 15:47	1
Motor Oil Range Organics [C24-C36]	26	J	50	9.9	mg/Kg		07/13/18 16:54	07/18/18 15:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0		0 - 1	07/13/18 16:54	07/18/18 15:47	1
p-Terphenyl	111		38 - 148	07/13/18 16:54	07/18/18 15:47	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0	0.50	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Dieldrin	ND		2.0	0.59	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Endrin aldehyde	ND		2.0	0.63	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Endrin	ND		2.0	0.46	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Endrin ketone	ND		2.0	0.33	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Heptachlor	ND		2.0	0.46	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Heptachlor epoxide	ND		2.0	0.35	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
4,4'-DDT	6.4		2.0	0.41	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
4,4'-DDE	180		2.0	0.42	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
4,4'-DDD	24		2.0	0.61	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Endosulfan I	ND		2.0	0.32	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Endosulfan II	ND		2.0	0.49	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
alpha-BHC	ND		2.0	0.55	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
beta-BHC	ND		2.0	0.36	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
gamma-BHC (Lindane)	ND		2.0	0.63	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
delta-BHC	ND		2.0	0.44	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Endosulfan sulfate	ND		2.0	0.38	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Methoxychlor	ND		2.0	0.68	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Toxaphene	ND		40	6.8	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
Chlordane (technical)	ND		40	3.2	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
cis-Chlordane	ND		2.0	0.40	ug/Kg		07/12/18 12:28	07/14/18 08:13	1
trans-Chlordane	ND		2.0	0.46	ug/Kg		07/12/18 12:28	07/14/18 08:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		21 - 145	07/12/18 12:28	07/14/18 08:13	1
DCB Decachlorobiphenyl	101		21 - 136	07/12/18 12:28	07/14/18 08:13	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	1.8	ug/Kg		07/12/18 12:31	07/13/18 18:19	1
PCB-1221	ND		50	1.8	ug/Kg		07/12/18 12:31	07/13/18 18:19	1
PCB-1232	ND		50	1.8	ug/Kg		07/12/18 12:31	07/13/18 18:19	1
PCB-1242	ND		50	1.8	ug/Kg		07/12/18 12:31	07/13/18 18:19	1
PCB-1248	ND		50	1.8	ug/Kg		07/12/18 12:31	07/13/18 18:19	1
PCB-1254	ND		50	1.8	ug/Kg		07/12/18 12:31	07/13/18 18:19	1
PCB-1260	ND		50	5.3	ug/Kg		07/12/18 12:31	07/13/18 18:19	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-C@0.5'

Lab Sample ID: 720-87425-3

Date Collected: 07/10/18 14:50

Matrix: Solid

Date Received: 07/11/18 14:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		45 - 132	07/12/18 12:31	07/13/18 18:19	1
DCB Decachlorobiphenyl	85		42 - 146	07/12/18 12:31	07/13/18 18:19	1

Method: 7199 - Chromium, Hexavalent (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.30	0.15	mg/Kg		07/19/18 23:03	07/20/18 10:24	3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9	0.31	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Arsenic	9.9		3.7	0.32	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Barium	180		1.9	0.27	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Beryllium	0.31	J	0.37	0.12	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Cadmium	0.27	J	0.47	0.046	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Chromium	34		1.9	0.20	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Cobalt	11		0.75	0.075	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Copper	90		5.6	2.7	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Lead	28		1.9	0.39	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Molybdenum	0.49	J	1.9	0.24	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Nickel	49		1.9	0.19	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Selenium	ND		3.7	0.56	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Silver	ND		0.93	0.19	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Thallium	ND		1.9	0.54	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Vanadium	32		1.9	0.25	mg/Kg		07/11/18 18:44	07/13/18 19:48	4
Zinc	89		5.6	2.4	mg/Kg		07/11/18 18:44	07/13/18 19:48	4

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.20		0.10	0.029	mg/L		07/17/18 10:35	07/17/18 18:00	1
Chromium	0.13		0.10	0.0070	mg/L		07/17/18 10:35	07/17/18 18:00	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069		0.015	0.0022	mg/Kg		07/11/18 18:06	07/16/18 16:20	1

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-D@0.5'

Lab Sample ID: 720-87425-4

Date Collected: 07/10/18 15:10

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0	1.2	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Acetone	ND		50	38	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Benzene	ND		5.0	0.65	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Dichlorobromomethane	ND		5.0	0.72	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Bromobenzene	ND		5.0	0.79	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Chlorobromomethane	ND		20	0.72	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Bromoform	ND		5.0	2.0	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Bromomethane	ND		10	0.79	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
2-Butanone (MEK)	ND		50	21	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
sec-Butylbenzene	ND		5.0	0.72	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
tert-Butylbenzene	ND		5.0	0.73	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Carbon disulfide	ND		5.0	2.0	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Carbon tetrachloride	ND		5.0	0.62	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Chlorobenzene	ND		5.0	0.69	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Chloroethane	ND		10	0.56	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Chloroform	ND		5.0	0.66	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Chloromethane	ND		10	0.79	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
2-Chlorotoluene	ND		5.0	0.65	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
4-Chlorotoluene	ND		5.0	0.68	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Chlorodibromomethane	ND		5.0	0.71	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,2-Dichlorobenzene	ND		5.0	0.68	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,3-Dichlorobenzene	ND		5.0	0.72	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,4-Dichlorobenzene	ND		5.0	0.71	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,3-Dichloropropane	ND		5.0	0.73	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,1-Dichloropropene	ND		5.0	0.69	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,2-Dibromo-3-Chloropropane	ND		10	1.7	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Ethylene Dibromide	ND		5.0	1.4	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Dibromomethane	ND		10	0.86	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Dichlorodifluoromethane	ND		10	0.79	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,1-Dichloroethane	ND		5.0	0.68	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,2-Dichloroethane	ND		5.0	0.76	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,1-Dichloroethene	ND		5.0	0.62	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
cis-1,2-Dichloroethene	ND		5.0	0.68	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
trans-1,2-Dichloroethene	ND		5.0	0.75	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,2-Dichloropropane	ND		5.0	0.63	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
cis-1,3-Dichloropropene	ND		5.0	0.69	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
trans-1,3-Dichloropropene	ND		5.0	0.67	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Ethylbenzene	ND		5.0	0.75	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Hexachlorobutadiene	ND		5.0	0.90	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
2-Hexanone	ND		50	10	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Isopropylbenzene	ND		5.0	0.68	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
4-Isopropyltoluene	ND		5.0	2.5	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Methylene Chloride	ND		10	5.6	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
4-Methyl-2-pentanone (MIBK)	ND		50	10	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Naphthalene	ND		10	1.5	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
N-Propylbenzene	ND		5.0	0.66	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Styrene	ND		5.0	0.63	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.76	ug/Kg		07/11/18 17:22	07/12/18 04:30	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-D@0.5'

Lab Sample ID: 720-87425-4

Date Collected: 07/10/18 15:10

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0	0.75	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Toluene	ND		5.0	0.71	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,2,3-Trichlorobenzene	ND		5.0	0.74	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,2,4-Trichlorobenzene	ND		5.0	0.71	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,1,1-Trichloroethane	ND		5.0	0.61	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Trichloroethene	ND		5.0	0.63	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Trichlorofluoromethane	ND		5.0	0.56	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,2,3-Trichloropropane	ND		5.0	0.77	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.1	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,2,4-Trimethylbenzene	ND		5.0	1.6	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
1,3,5-Trimethylbenzene	ND		5.0	0.65	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Vinyl acetate	ND		20	5.0	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Vinyl chloride	ND		5.0	0.73	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Xylenes, Total	ND		5.0	1.2	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
2,2-Dichloropropane	ND		5.0	2.0	ug/Kg		07/11/18 17:22	07/12/18 04:30	1
Gasoline Range Organics (GRO) -C4-C12	ND		250	100	ug/Kg		07/11/18 17:22	07/12/18 04:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	85		45 - 131	07/11/18 17:22	07/12/18 04:30	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140	07/11/18 17:22	07/12/18 04:30	1
Toluene-d8 (Surr)	90		58 - 140	07/11/18 17:22	07/12/18 04:30	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.065	0.011	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Bis(2-chloroethyl)ether	ND		0.065	0.014	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2-Chlorophenol	ND		0.065	0.0072	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
1,3-Dichlorobenzene	ND		0.065	0.0078	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
1,4-Dichlorobenzene	ND		0.065	0.017	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Benzyl alcohol	ND		0.17	0.010	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
1,2-Dichlorobenzene	ND		0.065	0.0091	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2-Methylphenol	ND		0.065	0.0097	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Methylphenol, 3 & 4	ND		0.065	0.018	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
N-Nitrosodi-n-propylamine	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Hexachloroethane	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Nitrobenzene	ND		0.065	0.027	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Isophorone	ND		0.065	0.0091	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2-Nitrophenol	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2,4-Dimethylphenol	ND	F1	0.13	0.052	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Bis(2-chloroethoxy)methane	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2,4-Dichlorophenol	ND		0.32	0.0087	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
1,2,4-Trichlorobenzene	ND		0.065	0.014	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Naphthalene	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
4-Chloroaniline	ND		0.17	0.0085	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Hexachlorobutadiene	ND		0.065	0.0097	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
4-Chloro-3-methylphenol	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2-Methylnaphthalene	ND		0.065	0.012	mg/Kg		07/12/18 11:43	07/14/18 17:22	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-D@0.5'

Lab Sample ID: 720-87425-4

Date Collected: 07/10/18 15:10

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.17	0.052	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2,4,6-Trichlorophenol	ND		0.17	0.019	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2,4,5-Trichlorophenol	ND		0.065	0.0082	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2-Chloronaphthalene	ND		0.065	0.0093	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2-Nitroaniline	ND		0.32	0.066	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Dimethyl phthalate	ND		0.17	0.012	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Acenaphthylene	0.013	J	0.065	0.011	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
3-Nitroaniline	ND		0.17	0.076	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Acenaphthene	ND		0.065	0.0074	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2,4-Dinitrophenol	ND		0.64	0.13	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
4-Nitrophenol	ND		0.32	0.066	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Dibenzofuran	ND		0.065	0.011	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2,4-Dinitrotoluene	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2,6-Dinitrotoluene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Diethyl phthalate	ND		0.17	0.0091	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
4-Chlorophenyl phenyl ether	ND		0.17	0.012	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Fluorene	ND		0.065	0.0078	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
4-Nitroaniline	ND		0.32	0.064	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
2-Methyl-4,6-dinitrophenol	ND		0.32	0.066	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
N-Nitrosodiphenylamine	ND		0.065	0.0076	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
4-Bromophenyl phenyl ether	ND		0.17	0.0097	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Hexachlorobenzene	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Pentachlorophenol	ND		0.32	0.13	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Phenanthrene	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Anthracene	ND		0.065	0.0084	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Di-n-butyl phthalate	ND		0.17	0.064	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Fluoranthene	ND		0.065	0.015	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Pyrene	ND		0.065	0.0074	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Butyl benzyl phthalate	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
3,3'-Dichlorobenzidine	ND	F1	0.17	0.019	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Benzo[a]anthracene	ND		0.32	0.035	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Bis(2-ethylhexyl) phthalate	ND		0.32	0.013	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Chrysene	ND		0.13	0.064	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Di-n-octyl phthalate	ND		0.17	0.0093	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Benzo[b]fluoranthene	ND		0.065	0.018	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Benzo[a]pyrene	ND		0.065	0.013	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Benzo[k]fluoranthene	ND		0.065	0.027	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Indeno[1,2,3-cd]pyrene	ND		0.065	0.025	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Benzo[g,h,i]perylene	ND		0.13	0.039	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Benzoic acid	ND		0.32	0.066	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Pyridine	0.012	J F1	0.065	0.0085	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Azobenzene	ND		0.065	0.012	mg/Kg		07/12/18 11:43	07/14/18 17:22	1
Dibenz(a,h)anthracene	ND		0.065	0.029	mg/Kg		07/12/18 11:43	07/14/18 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	68		21 - 98	07/12/18 11:43	07/14/18 17:22	1
2-Fluorobiphenyl	70		30 - 112	07/12/18 11:43	07/14/18 17:22	1
Terphenyl-d14	89		59 - 134	07/12/18 11:43	07/14/18 17:22	1
2-Fluorophenol	71		28 - 98	07/12/18 11:43	07/14/18 17:22	1
Phenol-d5	75		23 - 101	07/12/18 11:43	07/14/18 17:22	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-D@0.5'

Lab Sample ID: 720-87425-4

Date Collected: 07/10/18 15:10

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		37 - 114	07/12/18 11:43	07/14/18 17:22	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]	7.3	B	1.9	0.73	mg/Kg		07/13/18 16:54	07/18/18 16:17	1
Motor Oil Range Organics [C24-C36]	33	J	49	9.7	mg/Kg		07/13/18 16:54	07/18/18 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0		0 - 1	07/13/18 16:54	07/18/18 16:17	1
p-Terphenyl	115		38 - 148	07/13/18 16:54	07/18/18 16:17	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		9.4	2.3	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Dieldrin	ND		9.4	2.8	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Endrin aldehyde	ND		9.4	3.0	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Endrin	ND		9.4	2.2	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Endrin ketone	ND		9.4	1.5	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Heptachlor	ND		9.4	2.2	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Heptachlor epoxide	ND		9.4	1.6	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
4,4'-DDT	23		9.4	1.9	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
4,4'-DDE	350		9.4	2.0	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
4,4'-DDD	6.3	J	9.4	2.9	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Endosulfan I	ND		9.4	1.5	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Endosulfan II	ND		9.4	2.3	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
alpha-BHC	ND		9.4	2.6	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
beta-BHC	ND		9.4	1.7	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
gamma-BHC (Lindane)	ND		9.4	3.0	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
delta-BHC	ND		9.4	2.1	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Endosulfan sulfate	ND		9.4	1.8	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Methoxychlor	ND		9.4	3.2	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Toxaphene	ND		190	32	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
Chlordane (technical)	ND		190	15	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
cis-Chlordane	ND		9.4	1.9	ug/Kg		07/12/18 12:28	07/14/18 22:24	5
trans-Chlordane	ND		9.4	2.2	ug/Kg		07/12/18 12:28	07/14/18 22:24	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		21 - 145	07/12/18 12:28	07/14/18 22:24	5
DCB Decachlorobiphenyl	66		21 - 136	07/12/18 12:28	07/14/18 22:24	5

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:36	1
PCB-1221	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:36	1
PCB-1232	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:36	1
PCB-1242	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:36	1
PCB-1248	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:36	1
PCB-1254	ND		47	1.7	ug/Kg		07/12/18 12:31	07/13/18 18:36	1
PCB-1260	ND		47	5.0	ug/Kg		07/12/18 12:31	07/13/18 18:36	1

TestAmerica Pleasanton

Client Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-D@0.5'

Lab Sample ID: 720-87425-4

Date Collected: 07/10/18 15:10

Matrix: Solid

Date Received: 07/11/18 14:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		45 - 132	07/12/18 12:31	07/13/18 18:36	1
DCB Decachlorobiphenyl	79		42 - 146	07/12/18 12:31	07/13/18 18:36	1

Method: 7199 - Chromium, Hexavalent (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.30	0.15	mg/Kg		07/19/18 23:03	07/20/18 10:36	3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.33	J	2.0	0.33	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Arsenic	11		4.0	0.34	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Barium	150		2.0	0.28	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Beryllium	0.30	J	0.40	0.13	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Cadmium	0.29	J	0.50	0.049	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Chromium	200		2.0	0.21	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Cobalt	28		0.79	0.079	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Copper	110		5.9	2.8	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Lead	24		2.0	0.42	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Molybdenum	0.50	J	2.0	0.25	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Nickel	460		2.0	0.20	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Selenium	ND		4.0	0.59	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Silver	ND		0.99	0.20	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Thallium	ND		2.0	0.57	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Vanadium	35		2.0	0.27	mg/Kg		07/11/18 18:44	07/13/18 19:53	4
Zinc	110		5.9	2.5	mg/Kg		07/11/18 18:44	07/13/18 19:53	4

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.25		0.10	0.029	mg/L		07/17/18 10:47	07/17/18 18:05	1
Chromium	0.19		0.10	0.0070	mg/L		07/17/18 10:47	07/17/18 18:05	1
Nickel	1.0	B	0.10	0.010	mg/L		07/17/18 10:47	07/17/18 18:05	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047		0.016	0.0023	mg/Kg		07/11/18 18:06	07/16/18 16:22	1

Surrogate Summary

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (45-131)	DCA (60-140)	TOL (58-140)
720-87425-1	FHS-ENV-A@0.5'	90	96	95
720-87425-2	FHS-ENV-B@0.5'	83	99	91
720-87425-3	FHS-ENV-C@0.5'	85	98	93
720-87425-4	FHS-ENV-D@0.5'	85	99	90
LCS 720-247553/5	Lab Control Sample	95	95	100
LCS 720-247553/7	Lab Control Sample	92	103	97
LCSD 720-247553/6	Lab Control Sample Dup	98	93	98
LCSD 720-247553/8	Lab Control Sample Dup	95	102	97
MB 720-247553/4	Method Blank	96	98	97

Surrogate Legend

BFB = 4-Bromofluorobenzene
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (21-98)	FBP (30-112)	TPHL (59-134)	2FP (28-98)	PHL (23-101)	TBP (37-114)
720-87425-1	FHS-ENV-A@0.5'	69	67	87	77	80	96
720-87425-2	FHS-ENV-B@0.5'	66	65	86	73	76	94
720-87425-3	FHS-ENV-C@0.5'	66	65	80	69	73	70
720-87425-4	FHS-ENV-D@0.5'	68	70	89	71	75	69
720-87425-4 MS	FHS-ENV-D@0.5'	54	59	74	58	60	74
720-87425-4 MSD	FHS-ENV-D@0.5'	69	76	93	74	77	89
LCS 720-247584/2-A	Lab Control Sample	63	67	79	70	70	82
MB 720-247584/1-A	Method Blank	58	59	74	66	65	60

Surrogate Legend

NBZ = Nitrobenzene-d5
FBP = 2-Fluorobiphenyl
TPHL = Terphenyl-d14
2FP = 2-Fluorophenol
PHL = Phenol-d5
TBP = 2,4,6-Tribromophenol

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

Matrix: Solid

Prep Type: Silica Gel Cleanup

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		NDA1 (0-1)	TPH1 (38-148)
720-87425-1	FHS-ENV-A@0.5'	0.05	93
720-87425-2	FHS-ENV-B@0.5'	0.01	112
720-87425-3	FHS-ENV-C@0.5'	0	111
720-87425-4	FHS-ENV-D@0.5'	0	115
LCS 720-247693/2-A	Lab Control Sample		105
MB 720-247693/1-A	Method Blank	0	108

TestAmerica Pleasanton

Surrogate Summary

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Surrogate Legend

NDA = Capric Acid (Surr)
TPH = p-Terphenyl

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (21-145)	DCBP1 (21-136)
720-87425-1	FHS-ENV-A@0.5'	83	107
720-87425-2	FHS-ENV-B@0.5'	88	108

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (21-145)	DCBP2 (21-136)
720-87425-3	FHS-ENV-C@0.5'	81	101
720-87425-4	FHS-ENV-D@0.5'	72	66
LCS 720-247526/2-A	Lab Control Sample	74	95
MB 720-247526/1-A	Method Blank	65	80

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (45-132)	DCBP1 (42-146)
720-87425-1	FHS-ENV-A@0.5'	67	80
720-87425-2	FHS-ENV-B@0.5'	72	84
720-87425-3	FHS-ENV-C@0.5'	73	85
720-87425-4	FHS-ENV-D@0.5'	76	79
LCS 720-247523/2-A	Lab Control Sample	65	72
MB 720-247523/1-A	Method Blank	67	72

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-247553/4

Matrix: Solid

Analysis Batch: 247553

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	1.2	ug/Kg			07/11/18 20:43	1
Acetone	ND		50	38	ug/Kg			07/11/18 20:43	1
Benzene	ND		5.0	0.65	ug/Kg			07/11/18 20:43	1
Dichlorobromomethane	ND		5.0	0.72	ug/Kg			07/11/18 20:43	1
Bromobenzene	ND		5.0	0.79	ug/Kg			07/11/18 20:43	1
Chlorobromomethane	ND		20	0.72	ug/Kg			07/11/18 20:43	1
Bromoform	ND		5.0	2.0	ug/Kg			07/11/18 20:43	1
Bromomethane	ND		10	0.79	ug/Kg			07/11/18 20:43	1
2-Butanone (MEK)	ND		50	21	ug/Kg			07/11/18 20:43	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			07/11/18 20:43	1
sec-Butylbenzene	ND		5.0	0.72	ug/Kg			07/11/18 20:43	1
tert-Butylbenzene	ND		5.0	0.73	ug/Kg			07/11/18 20:43	1
Carbon disulfide	ND		5.0	2.0	ug/Kg			07/11/18 20:43	1
Carbon tetrachloride	ND		5.0	0.62	ug/Kg			07/11/18 20:43	1
Chlorobenzene	ND		5.0	0.69	ug/Kg			07/11/18 20:43	1
Chloroethane	ND		10	0.56	ug/Kg			07/11/18 20:43	1
Chloroform	ND		5.0	0.66	ug/Kg			07/11/18 20:43	1
Chloromethane	ND		10	0.79	ug/Kg			07/11/18 20:43	1
2-Chlorotoluene	ND		5.0	0.65	ug/Kg			07/11/18 20:43	1
4-Chlorotoluene	ND		5.0	0.68	ug/Kg			07/11/18 20:43	1
Chlorodibromomethane	ND		5.0	0.71	ug/Kg			07/11/18 20:43	1
1,2-Dichlorobenzene	ND		5.0	0.68	ug/Kg			07/11/18 20:43	1
1,3-Dichlorobenzene	ND		5.0	0.72	ug/Kg			07/11/18 20:43	1
1,4-Dichlorobenzene	ND		5.0	0.71	ug/Kg			07/11/18 20:43	1
1,3-Dichloropropane	ND		5.0	0.73	ug/Kg			07/11/18 20:43	1
1,1-Dichloropropene	ND		5.0	0.69	ug/Kg			07/11/18 20:43	1
1,2-Dibromo-3-Chloropropane	ND		10	1.7	ug/Kg			07/11/18 20:43	1
Ethylene Dibromide	ND		5.0	1.4	ug/Kg			07/11/18 20:43	1
Dibromomethane	ND		10	0.86	ug/Kg			07/11/18 20:43	1
Dichlorodifluoromethane	ND		10	0.79	ug/Kg			07/11/18 20:43	1
1,1-Dichloroethane	ND		5.0	0.68	ug/Kg			07/11/18 20:43	1
1,2-Dichloroethane	ND		5.0	0.76	ug/Kg			07/11/18 20:43	1
1,1-Dichloroethene	ND		5.0	0.62	ug/Kg			07/11/18 20:43	1
cis-1,2-Dichloroethene	ND		5.0	0.68	ug/Kg			07/11/18 20:43	1
trans-1,2-Dichloroethene	ND		5.0	0.75	ug/Kg			07/11/18 20:43	1
1,2-Dichloropropane	ND		5.0	0.63	ug/Kg			07/11/18 20:43	1
cis-1,3-Dichloropropene	ND		5.0	0.69	ug/Kg			07/11/18 20:43	1
trans-1,3-Dichloropropene	ND		5.0	0.67	ug/Kg			07/11/18 20:43	1
Ethylbenzene	ND		5.0	0.75	ug/Kg			07/11/18 20:43	1
Hexachlorobutadiene	ND		5.0	0.90	ug/Kg			07/11/18 20:43	1
2-Hexanone	ND		50	10	ug/Kg			07/11/18 20:43	1
Isopropylbenzene	ND		5.0	0.68	ug/Kg			07/11/18 20:43	1
4-Isopropyltoluene	ND		5.0	2.5	ug/Kg			07/11/18 20:43	1
Methylene Chloride	ND		10	5.6	ug/Kg			07/11/18 20:43	1
4-Methyl-2-pentanone (MIBK)	ND		50	10	ug/Kg			07/11/18 20:43	1
Naphthalene	ND		10	1.5	ug/Kg			07/11/18 20:43	1
N-Propylbenzene	ND		5.0	0.66	ug/Kg			07/11/18 20:43	1
Styrene	ND		5.0	0.63	ug/Kg			07/11/18 20:43	1

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-247553/4
Matrix: Solid
Analysis Batch: 247553

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	0.76	ug/Kg			07/11/18 20:43	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.75	ug/Kg			07/11/18 20:43	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			07/11/18 20:43	1
Toluene	ND		5.0	0.71	ug/Kg			07/11/18 20:43	1
1,2,3-Trichlorobenzene	ND		5.0	0.74	ug/Kg			07/11/18 20:43	1
1,2,4-Trichlorobenzene	ND		5.0	0.71	ug/Kg			07/11/18 20:43	1
1,1,1-Trichloroethane	ND		5.0	0.61	ug/Kg			07/11/18 20:43	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			07/11/18 20:43	1
Trichloroethene	ND		5.0	0.63	ug/Kg			07/11/18 20:43	1
Trichlorofluoromethane	ND		5.0	0.56	ug/Kg			07/11/18 20:43	1
1,2,3-Trichloropropane	ND		5.0	0.77	ug/Kg			07/11/18 20:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.1	ug/Kg			07/11/18 20:43	1
1,2,4-Trimethylbenzene	ND		5.0	1.6	ug/Kg			07/11/18 20:43	1
1,3,5-Trimethylbenzene	ND		5.0	0.65	ug/Kg			07/11/18 20:43	1
Vinyl acetate	ND		20	5.0	ug/Kg			07/11/18 20:43	1
Vinyl chloride	ND		5.0	0.73	ug/Kg			07/11/18 20:43	1
Xylenes, Total	ND		5.0	1.2	ug/Kg			07/11/18 20:43	1
2,2-Dichloropropane	ND		5.0	2.0	ug/Kg			07/11/18 20:43	1
Gasoline Range Organics (GRO) -C4-C12	ND		250	100	ug/Kg			07/11/18 20:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		45 - 131		07/11/18 20:43	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140		07/11/18 20:43	1
Toluene-d8 (Surr)	97		58 - 140		07/11/18 20:43	1

Lab Sample ID: LCS 720-247553/5
Matrix: Solid
Analysis Batch: 247553

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	45.9		ug/Kg		92	70 - 144
Acetone	250	218		ug/Kg		87	30 - 162
Benzene	50.0	46.3		ug/Kg		93	70 - 130
Dichlorobromomethane	50.0	52.6		ug/Kg		105	70 - 140
Bromobenzene	50.0	53.6		ug/Kg		107	70 - 130
Chlorobromomethane	50.0	47.2		ug/Kg		94	70 - 130
Bromoform	50.0	55.5		ug/Kg		111	59 - 158
Bromomethane	50.0	45.9		ug/Kg		92	59 - 132
2-Butanone (MEK)	250	244		ug/Kg		98	59 - 159
n-Butylbenzene	50.0	54.2		ug/Kg		108	70 - 142
sec-Butylbenzene	50.0	54.1		ug/Kg		108	70 - 136
tert-Butylbenzene	50.0	55.6		ug/Kg		111	70 - 130
Carbon disulfide	50.0	35.7		ug/Kg		71	60 - 140
Carbon tetrachloride	50.0	46.1		ug/Kg		92	70 - 142
Chlorobenzene	50.0	51.8		ug/Kg		104	70 - 130
Chloroethane	50.0	45.1		ug/Kg		90	65 - 130
Chloroform	50.0	49.6		ug/Kg		99	77 - 127

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-247553/5
 Matrix: Solid
 Analysis Batch: 247553

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	42.5		ug/Kg		85	55 - 140
2-Chlorotoluene	50.0	54.5		ug/Kg		109	70 - 138
4-Chlorotoluene	50.0	55.5		ug/Kg		111	70 - 136
Chlorodibromomethane	50.0	56.9		ug/Kg		114	70 - 146
1,2-Dichlorobenzene	50.0	54.0		ug/Kg		108	70 - 130
1,3-Dichlorobenzene	50.0	53.8		ug/Kg		108	70 - 131
1,4-Dichlorobenzene	50.0	53.9		ug/Kg		108	70 - 130
1,3-Dichloropropane	50.0	52.4		ug/Kg		105	70 - 140
1,1-Dichloropropene	50.0	47.4		ug/Kg		95	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	52.0		ug/Kg		104	60 - 145
Ethylene Dibromide	50.0	52.6		ug/Kg		105	70 - 140
Dibromomethane	50.0	50.4		ug/Kg		101	70 - 139
Dichlorodifluoromethane	50.0	36.6		ug/Kg		73	37 - 158
1,1-Dichloroethane	50.0	45.5		ug/Kg		91	70 - 130
1,2-Dichloroethane	50.0	48.9		ug/Kg		98	70 - 130
1,1-Dichloroethene	50.0	40.4		ug/Kg		81	74 - 122
cis-1,2-Dichloroethene	50.0	46.4		ug/Kg		93	70 - 138
trans-1,2-Dichloroethene	50.0	45.4		ug/Kg		91	67 - 130
1,2-Dichloropropane	50.0	50.0		ug/Kg		100	73 - 127
cis-1,3-Dichloropropene	50.0	54.7		ug/Kg		109	68 - 147
trans-1,3-Dichloropropene	50.0	55.6		ug/Kg		111	70 - 155
Ethylbenzene	50.0	53.2		ug/Kg		106	80 - 137
Hexachlorobutadiene	50.0	53.2		ug/Kg		106	70 - 132
2-Hexanone	250	243		ug/Kg		97	62 - 158
Isopropylbenzene	50.0	55.1		ug/Kg		110	70 - 130
4-Isopropyltoluene	50.0	53.9		ug/Kg		108	70 - 133
Methylene Chloride	50.0	42.8		ug/Kg		86	70 - 134
4-Methyl-2-pentanone (MIBK)	250	242		ug/Kg		97	60 - 160
Naphthalene	50.0	52.3		ug/Kg		105	60 - 147
N-Propylbenzene	50.0	55.3		ug/Kg		111	70 - 130
Styrene	50.0	54.6		ug/Kg		109	70 - 130
1,1,1,2-Tetrachloroethane	50.0	56.1		ug/Kg		112	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	52.3		ug/Kg		105	70 - 146
Tetrachloroethene	50.0	52.3		ug/Kg		105	70 - 132
Toluene	50.0	48.2		ug/Kg		96	75 - 120
1,2,3-Trichlorobenzene	50.0	55.5		ug/Kg		111	60 - 140
1,2,4-Trichlorobenzene	50.0	55.1		ug/Kg		110	60 - 140
1,1,1-Trichloroethane	50.0	47.0		ug/Kg		94	70 - 130
1,1,2-Trichloroethane	50.0	58.1		ug/Kg		116	70 - 130
Trichloroethene	50.0	48.3		ug/Kg		97	70 - 133
Trichlorofluoromethane	50.0	48.4		ug/Kg		97	60 - 140
1,2,3-Trichloropropane	50.0	54.9		ug/Kg		110	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.4		ug/Kg		91	60 - 140
1,2,4-Trimethylbenzene	50.0	53.9		ug/Kg		108	70 - 130
1,3,5-Trimethylbenzene	50.0	54.6		ug/Kg		109	70 - 131
Vinyl acetate	50.0	57.9		ug/Kg		116	38 - 176
Vinyl chloride	50.0	43.3		ug/Kg		87	58 - 125

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-247553/5
Matrix: Solid
Analysis Batch: 247553

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	53.0		ug/Kg		106	70 - 146
o-Xylene	50.0	53.4		ug/Kg		107	70 - 140
Xylenes, Total	100	106		ug/Kg		106	70 - 146
2,2-Dichloropropane	50.0	48.2		ug/Kg		96	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	95		45 - 131
1,2-Dichloroethane-d4 (Surr)	95		60 - 140
Toluene-d8 (Surr)	100		58 - 140

Lab Sample ID: LCS 720-247553/7
Matrix: Solid
Analysis Batch: 247553

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) -C4-C12	1000	1100		ug/Kg		110	70 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	92		45 - 131
1,2-Dichloroethane-d4 (Surr)	103		60 - 140
Toluene-d8 (Surr)	97		58 - 140

Lab Sample ID: LCSD 720-247553/6
Matrix: Solid
Analysis Batch: 247553

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	43.1		ug/Kg		86	70 - 144	6	20
Acetone	250	212		ug/Kg		85	30 - 162	3	30
Benzene	50.0	45.3		ug/Kg		91	70 - 130	2	20
Dichlorobromomethane	50.0	51.0		ug/Kg		102	70 - 140	3	20
Bromobenzene	50.0	52.0		ug/Kg		104	70 - 130	3	20
Chlorobromomethane	50.0	45.5		ug/Kg		91	70 - 130	4	20
Bromoform	50.0	51.8		ug/Kg		104	59 - 158	7	20
Bromomethane	50.0	45.2		ug/Kg		90	59 - 132	2	20
2-Butanone (MEK)	250	214		ug/Kg		85	59 - 159	13	20
n-Butylbenzene	50.0	56.7		ug/Kg		113	70 - 142	4	20
sec-Butylbenzene	50.0	55.0		ug/Kg		110	70 - 136	2	20
tert-Butylbenzene	50.0	55.3		ug/Kg		111	70 - 130	0	20
Carbon disulfide	50.0	35.4		ug/Kg		71	60 - 140	1	20
Carbon tetrachloride	50.0	47.0		ug/Kg		94	70 - 142	2	20
Chlorobenzene	50.0	51.7		ug/Kg		103	70 - 130	0	20
Chloroethane	50.0	45.1		ug/Kg		90	65 - 130	0	20
Chloroform	50.0	48.7		ug/Kg		97	77 - 127	2	20
Chloromethane	50.0	41.9		ug/Kg		84	55 - 140	1	20
2-Chlorotoluene	50.0	54.6		ug/Kg		109	70 - 138	0	20
4-Chlorotoluene	50.0	55.2		ug/Kg		110	70 - 136	1	20

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-247553/6
Matrix: Solid
Analysis Batch: 247553

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
Chlorodibromomethane	50.0	53.5		ug/Kg		107	70 - 146	6	20
1,2-Dichlorobenzene	50.0	52.2		ug/Kg		104	70 - 130	3	20
1,3-Dichlorobenzene	50.0	53.0		ug/Kg		106	70 - 131	1	20
1,4-Dichlorobenzene	50.0	53.3		ug/Kg		107	70 - 130	1	20
1,3-Dichloropropane	50.0	50.5		ug/Kg		101	70 - 140	4	20
1,1-Dichloropropene	50.0	47.9		ug/Kg		96	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	48.1		ug/Kg		96	60 - 145	8	20
Ethylene Dibromide	50.0	50.3		ug/Kg		101	70 - 140	5	20
Dibromomethane	50.0	47.8		ug/Kg		96	70 - 139	5	20
Dichlorodifluoromethane	50.0	37.0		ug/Kg		74	37 - 158	1	20
1,1-Dichloroethane	50.0	44.6		ug/Kg		89	70 - 130	2	20
1,2-Dichloroethane	50.0	46.7		ug/Kg		93	70 - 130	5	20
1,1-Dichloroethene	50.0	41.2		ug/Kg		82	74 - 122	2	20
cis-1,2-Dichloroethene	50.0	45.3		ug/Kg		91	70 - 138	2	20
trans-1,2-Dichloroethene	50.0	44.8		ug/Kg		90	67 - 130	1	20
1,2-Dichloropropane	50.0	47.9		ug/Kg		96	73 - 127	4	20
cis-1,3-Dichloropropene	50.0	53.2		ug/Kg		106	68 - 147	3	20
trans-1,3-Dichloropropene	50.0	54.4		ug/Kg		109	70 - 155	2	20
Ethylbenzene	50.0	53.5		ug/Kg		107	80 - 137	1	20
Hexachlorobutadiene	50.0	55.1		ug/Kg		110	70 - 132	4	20
2-Hexanone	250	226		ug/Kg		90	62 - 158	7	20
Isopropylbenzene	50.0	56.1		ug/Kg		112	70 - 130	2	20
4-Isopropyltoluene	50.0	54.9		ug/Kg		110	70 - 133	2	20
Methylene Chloride	50.0	42.9		ug/Kg		86	70 - 134	0	20
4-Methyl-2-pentanone (MIBK)	250	225		ug/Kg		90	60 - 160	7	20
Naphthalene	50.0	50.4		ug/Kg		101	60 - 147	4	20
N-Propylbenzene	50.0	55.7		ug/Kg		111	70 - 130	1	20
Styrene	50.0	54.1		ug/Kg		108	70 - 130	1	20
1,1,1,2-Tetrachloroethane	50.0	55.8		ug/Kg		112	70 - 130	1	20
1,1,2,2-Tetrachloroethane	50.0	49.4		ug/Kg		99	70 - 146	6	20
Tetrachloroethene	50.0	51.9		ug/Kg		104	70 - 132	1	20
Toluene	50.0	48.2		ug/Kg		96	75 - 120	0	20
1,2,3-Trichlorobenzene	50.0	54.8		ug/Kg		110	60 - 140	1	20
1,2,4-Trichlorobenzene	50.0	56.2		ug/Kg		112	60 - 140	2	20
1,1,1-Trichloroethane	50.0	46.7		ug/Kg		93	70 - 130	1	20
1,1,2-Trichloroethane	50.0	54.7		ug/Kg		109	70 - 130	6	20
Trichloroethene	50.0	48.6		ug/Kg		97	70 - 133	1	20
Trichlorofluoromethane	50.0	48.7		ug/Kg		97	60 - 140	1	20
1,2,3-Trichloropropane	50.0	50.7		ug/Kg		101	70 - 146	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.0		ug/Kg		92	60 - 140	1	20
1,2,4-Trimethylbenzene	50.0	54.2		ug/Kg		108	70 - 130	1	20
1,3,5-Trimethylbenzene	50.0	54.6		ug/Kg		109	70 - 131	0	20
Vinyl acetate	50.0	54.7		ug/Kg		109	38 - 176	6	20
Vinyl chloride	50.0	43.3		ug/Kg		87	58 - 125	0	20
m-Xylene & p-Xylene	50.0	54.1		ug/Kg		108	70 - 146	2	20
o-Xylene	50.0	53.7		ug/Kg		107	70 - 140	1	20
Xylenes, Total	100	108		ug/Kg		108	70 - 146	1	20

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-247553/6
Matrix: Solid
Analysis Batch: 247553

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
2,2-Dichloropropane	50.0	49.7		ug/Kg		99	70 - 162	3	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene	98		45 - 131						
1,2-Dichloroethane-d4 (Surr)	93		60 - 140						
Toluene-d8 (Surr)	98		58 - 140						

Lab Sample ID: LCSD 720-247553/8
Matrix: Solid
Analysis Batch: 247553

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) -C4-C12	1000	965		ug/Kg		97	70 - 122	13	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene	95		45 - 131						
1,2-Dichloroethane-d4 (Surr)	102		60 - 140						
Toluene-d8 (Surr)	97		58 - 140						

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: MB 720-247584/1-A
Matrix: Solid
Analysis Batch: 247707

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247584

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067	0.011	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Bis(2-chloroethyl)ether	ND		0.067	0.014	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2-Chlorophenol	ND		0.067	0.0074	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
1,3-Dichlorobenzene	ND		0.067	0.0080	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
1,4-Dichlorobenzene	ND		0.067	0.018	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Benzyl alcohol	ND		0.17	0.010	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
1,2-Dichlorobenzene	ND		0.067	0.0094	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2-Methylphenol	ND		0.067	0.010	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Methylphenol, 3 & 4	ND		0.067	0.019	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
N-Nitrosodi-n-propylamine	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Hexachloroethane	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Nitrobenzene	ND		0.067	0.028	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Isophorone	ND		0.067	0.0094	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2-Nitrophenol	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2,4-Dimethylphenol	ND		0.13	0.054	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Bis(2-chloroethoxy)methane	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2,4-Dichlorophenol	ND		0.33	0.0090	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
1,2,4-Trichlorobenzene	ND		0.067	0.014	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Naphthalene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
4-Chloroaniline	ND		0.17	0.0088	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Hexachlorobutadiene	ND		0.067	0.010	mg/Kg		07/12/18 11:43	07/14/18 15:29	1

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: MB 720-247584/1-A
Matrix: Solid
Analysis Batch: 247707

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247584

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2-Methylnaphthalene	ND		0.067	0.012	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Hexachlorocyclopentadiene	ND		0.17	0.054	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2,4,6-Trichlorophenol	ND		0.17	0.020	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2,4,5-Trichlorophenol	ND		0.067	0.0084	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2-Chloronaphthalene	ND		0.067	0.0096	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2-Nitroaniline	ND		0.33	0.068	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Dimethyl phthalate	ND		0.17	0.012	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Acenaphthylene	ND		0.067	0.011	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
3-Nitroaniline	ND		0.17	0.078	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Acenaphthene	ND		0.067	0.0076	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2,4-Dinitrophenol	ND		0.66	0.13	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
4-Nitrophenol	ND		0.33	0.068	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Dibenzofuran	ND		0.067	0.011	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2,4-Dinitrotoluene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2,6-Dinitrotoluene	ND		0.13	0.068	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Diethyl phthalate	ND		0.17	0.0094	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
4-Chlorophenyl phenyl ether	ND		0.17	0.012	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Fluorene	ND		0.067	0.0080	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
4-Nitroaniline	ND		0.33	0.066	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
2-Methyl-4,6-dinitrophenol	ND		0.33	0.068	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
N-Nitrosodiphenylamine	ND		0.067	0.0078	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
4-Bromophenyl phenyl ether	ND		0.17	0.010	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Hexachlorobenzene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Pentachlorophenol	ND		0.33	0.13	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Phenanthrene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Anthracene	ND		0.067	0.0086	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Di-n-butyl phthalate	ND		0.17	0.066	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Fluoranthene	ND		0.067	0.015	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Pyrene	ND		0.067	0.0076	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Butyl benzyl phthalate	ND		0.17	0.011	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
3,3'-Dichlorobenzidine	ND		0.17	0.020	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Benzo[a]anthracene	ND		0.33	0.036	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Bis(2-ethylhexyl) phthalate	ND		0.33	0.013	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Chrysene	ND		0.13	0.066	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Di-n-octyl phthalate	ND		0.17	0.0096	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Benzo[b]fluoranthene	ND		0.067	0.019	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Benzo[a]pyrene	ND		0.067	0.013	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Benzo[k]fluoranthene	ND		0.067	0.028	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Indeno[1,2,3-cd]pyrene	ND		0.067	0.026	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Benzo[g,h,i]perylene	ND		0.13	0.040	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Benzoic acid	ND		0.33	0.068	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Pyridine	ND		0.067	0.0088	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Azobenzene	ND		0.067	0.012	mg/Kg		07/12/18 11:43	07/14/18 15:29	1
Dibenz(a,h)anthracene	ND		0.067	0.030	mg/Kg		07/12/18 11:43	07/14/18 15:29	1

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: MB 720-247584/1-A

Matrix: Solid

Analysis Batch: 247707

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 247584

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5	58		21 - 98	07/12/18 11:43	07/14/18 15:29	1
2-Fluorobiphenyl	59		30 - 112	07/12/18 11:43	07/14/18 15:29	1
Terphenyl-d14	74		59 - 134	07/12/18 11:43	07/14/18 15:29	1
2-Fluorophenol	66		28 - 98	07/12/18 11:43	07/14/18 15:29	1
Phenol-d5	65		23 - 101	07/12/18 11:43	07/14/18 15:29	1
2,4,6-Tribromophenol	60		37 - 114	07/12/18 11:43	07/14/18 15:29	1

Lab Sample ID: LCS 720-247584/2-A

Matrix: Solid

Analysis Batch: 247707

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 247584

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Phenol	2.67	1.81		mg/Kg		68	48 - 110
Bis(2-chloroethyl)ether	2.67	1.79		mg/Kg		67	40 - 110
2-Chlorophenol	2.67	1.80		mg/Kg		68	45 - 110
1,3-Dichlorobenzene	2.67	1.61		mg/Kg		60	38 - 110
1,4-Dichlorobenzene	2.67	1.66		mg/Kg		62	40 - 110
Benzyl alcohol	2.67	1.94		mg/Kg		73	47 - 110
1,2-Dichlorobenzene	2.67	1.68		mg/Kg		63	39 - 110
2-Methylphenol	2.67	1.80		mg/Kg		67	50 - 110
Methylphenol, 3 & 4	2.67	1.85		mg/Kg		69	51 - 110
N-Nitrosodi-n-propylamine	2.67	1.77		mg/Kg		66	46 - 110
Hexachloroethane	2.67	1.61		mg/Kg		60	40 - 110
Nitrobenzene	2.67	1.81		mg/Kg		68	45 - 110
Isophorone	2.67	1.82		mg/Kg		68	49 - 110
2-Nitrophenol	2.67	1.84		mg/Kg		69	41 - 105
2,4-Dimethylphenol	2.67	1.76		mg/Kg		66	52 - 100
Bis(2-chloroethoxy)methane	2.67	1.78		mg/Kg		67	46 - 110
2,4-Dichlorophenol	2.67	1.98		mg/Kg		74	49 - 100
1,2,4-Trichlorobenzene	2.67	1.75		mg/Kg		66	43 - 110
Naphthalene	2.67	1.74		mg/Kg		65	44 - 110
4-Chloroaniline	2.67	1.69		mg/Kg		63	42 - 110
Hexachlorobutadiene	2.67	1.77		mg/Kg		66	44 - 110
4-Chloro-3-methylphenol	2.67	1.90		mg/Kg		71	58 - 104
2-Methylnaphthalene	2.67	1.77		mg/Kg		66	49 - 110
Hexachlorocyclopentadiene	2.67	2.04		mg/Kg		77	24 - 106
2,4,6-Trichlorophenol	2.67	1.98		mg/Kg		74	50 - 105
2,4,5-Trichlorophenol	2.67	2.04		mg/Kg		77	53 - 106
2-Chloronaphthalene	2.67	1.88		mg/Kg		71	52 - 110
2-Nitroaniline	2.67	2.07		mg/Kg		78	51 - 115
Dimethyl phthalate	2.67	1.94		mg/Kg		73	56 - 103
Acenaphthylene	2.67	1.99		mg/Kg		75	53 - 102
3-Nitroaniline	2.67	1.86		mg/Kg		70	50 - 110
Acenaphthene	2.67	1.80		mg/Kg		67	53 - 103
2,4-Dinitrophenol	5.33	3.83		mg/Kg		72	10 - 115
4-Nitrophenol	5.33	3.91		mg/Kg		73	54 - 117
Dibenzofuran	2.67	1.86		mg/Kg		70	55 - 101

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 720-247584/2-A
Matrix: Solid
Analysis Batch: 247707

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247584
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4-Dinitrotoluene	2.67	2.08		mg/Kg		78	54 - 115
2,6-Dinitrotoluene	2.67	1.96		mg/Kg		74	54 - 107
Diethyl phthalate	2.67	1.86		mg/Kg		70	56 - 107
4-Chlorophenyl phenyl ether	2.67	1.91		mg/Kg		72	57 - 106
Fluorene	2.67	1.87		mg/Kg		70	54 - 103
4-Nitroaniline	2.67	1.96		mg/Kg		73	49 - 115
2-Methyl-4,6-dinitrophenol	5.33	4.17		mg/Kg		78	31 - 122
N-Nitrosodiphenylamine	2.67	1.93		mg/Kg		72	56 - 104
4-Bromophenyl phenyl ether	2.67	2.02		mg/Kg		76	53 - 104
Hexachlorobenzene	2.67	1.97		mg/Kg		74	55 - 103
Pentachlorophenol	5.33	4.10		mg/Kg		77	46 - 115
Phenanthrene	2.67	1.93		mg/Kg		72	57 - 106
Anthracene	2.67	1.94		mg/Kg		73	55 - 105
Di-n-butyl phthalate	2.67	2.04		mg/Kg		76	58 - 109
Fluoranthene	2.67	1.97		mg/Kg		74	56 - 104
Pyrene	2.67	2.14		mg/Kg		80	52 - 115
Butyl benzyl phthalate	2.67	2.14		mg/Kg		80	57 - 115
3,3'-Dichlorobenzidine	2.67	1.70		mg/Kg		64	47 - 110
Benzo[a]anthracene	2.67	2.07		mg/Kg		77	55 - 103
Bis(2-ethylhexyl) phthalate	2.67	2.10		mg/Kg		79	58 - 115
Chrysene	2.67	2.07		mg/Kg		77	58 - 103
Di-n-octyl phthalate	2.67	2.10		mg/Kg		79	58 - 109
Benzo[b]fluoranthene	2.67	2.09		mg/Kg		78	57 - 109
Benzo[a]pyrene	2.67	2.05		mg/Kg		77	57 - 106
Benzo[k]fluoranthene	2.67	2.13		mg/Kg		80	55 - 110
Indeno[1,2,3-cd]pyrene	2.67	2.01		mg/Kg		75	56 - 108
Benzo[g,h,i]perylene	2.67	1.98		mg/Kg		74	56 - 115
Benzoic acid	2.67	1.97		mg/Kg		74	10 - 128
Pyridine	2.67	1.12		mg/Kg		42	30 - 110
Azobenzene	2.67	1.87		mg/Kg		70	52 - 103
Dibenz(a,h)anthracene	2.67	2.02		mg/Kg		76	57 - 106

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	63		21 - 98
2-Fluorobiphenyl	67		30 - 112
Terphenyl-d14	79		59 - 134
2-Fluorophenol	70		28 - 98
Phenol-d5	70		23 - 101
2,4,6-Tribromophenol	82		37 - 114

Lab Sample ID: 720-87425-4 MS
Matrix: Solid
Analysis Batch: 247707

Client Sample ID: FHS-ENV-D@0.5'
Prep Type: Total/NA
Prep Batch: 247584
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Phenol	ND		2.58	1.49		mg/Kg		58	48 - 110
Bis(2-chloroethyl)ether	ND		2.58	1.44		mg/Kg		56	40 - 110

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: 720-87425-4 MS

Matrix: Solid

Analysis Batch: 247707

Client Sample ID: FHS-ENV-D@0.5'

Prep Type: Total/NA

Prep Batch: 247584

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
2-Chlorophenol	ND		2.58	1.47		mg/Kg		57	45 - 110
1,3-Dichlorobenzene	ND		2.58	1.32		mg/Kg		51	38 - 110
1,4-Dichlorobenzene	ND		2.58	1.32		mg/Kg		51	40 - 110
Benzyl alcohol	ND		2.58	1.56		mg/Kg		61	47 - 110
1,2-Dichlorobenzene	ND		2.58	1.39		mg/Kg		54	39 - 110
2-Methylphenol	ND		2.58	1.36		mg/Kg		53	50 - 110
Methylphenol, 3 & 4	ND		2.58	1.43		mg/Kg		56	51 - 110
N-Nitrosodi-n-propylamine	ND		2.58	1.46		mg/Kg		57	46 - 110
Hexachloroethane	ND		2.58	1.30		mg/Kg		51	40 - 110
Nitrobenzene	ND		2.58	1.49		mg/Kg		58	45 - 110
Isophorone	ND		2.58	1.52		mg/Kg		59	49 - 110
2-Nitrophenol	ND		2.58	1.59		mg/Kg		62	41 - 105
2,4-Dimethylphenol	ND	F1	2.58	0.833	F1	mg/Kg		32	52 - 100
Bis(2-chloroethoxy)methane	ND		2.58	1.45		mg/Kg		56	46 - 110
2,4-Dichlorophenol	ND		2.58	1.67		mg/Kg		65	49 - 100
1,2,4-Trichlorobenzene	ND		2.58	1.46		mg/Kg		57	43 - 110
Naphthalene	ND		2.58	1.40		mg/Kg		54	44 - 110
4-Chloroaniline	ND		2.58	1.25		mg/Kg		49	42 - 110
Hexachlorobutadiene	ND		2.58	1.44		mg/Kg		56	44 - 110
4-Chloro-3-methylphenol	ND		2.58	1.69		mg/Kg		66	58 - 104
2-Methylnaphthalene	ND		2.58	1.49		mg/Kg		58	49 - 110
Hexachlorocyclopentadiene	ND		2.58	1.33		mg/Kg		52	24 - 106
2,4,6-Trichlorophenol	ND		2.58	1.66		mg/Kg		65	50 - 105
2,4,5-Trichlorophenol	ND		2.58	1.85		mg/Kg		72	53 - 106
2-Chloronaphthalene	ND		2.58	1.61		mg/Kg		63	52 - 110
2-Nitroaniline	ND		2.58	1.87		mg/Kg		73	51 - 115
Dimethyl phthalate	ND		2.58	1.75		mg/Kg		68	56 - 103
Acenaphthylene	0.013	J	2.58	1.70		mg/Kg		65	53 - 102
3-Nitroaniline	ND		2.58	1.59		mg/Kg		62	50 - 110
Acenaphthene	ND		2.58	1.57		mg/Kg		61	53 - 103
2,4-Dinitrophenol	ND		5.15	3.17		mg/Kg		61	10 - 115
4-Nitrophenol	ND		5.15	3.72		mg/Kg		72	54 - 117
Dibenzofuran	ND		2.58	1.65		mg/Kg		64	55 - 101
2,4-Dinitrotoluene	ND		2.58	1.92		mg/Kg		75	54 - 115
2,6-Dinitrotoluene	ND		2.58	1.76		mg/Kg		68	54 - 107
Diethyl phthalate	ND		2.58	1.73		mg/Kg		67	56 - 107
4-Chlorophenyl phenyl ether	ND		2.58	1.72		mg/Kg		67	57 - 106
Fluorene	ND		2.58	1.66		mg/Kg		65	54 - 103
4-Nitroaniline	ND		2.58	1.63		mg/Kg		63	49 - 115
2-Methyl-4,6-dinitrophenol	ND		5.15	3.66		mg/Kg		71	31 - 122
N-Nitrosodiphenylamine	ND		2.58	1.43		mg/Kg		56	56 - 104
4-Bromophenyl phenyl ether	ND		2.58	1.84		mg/Kg		72	53 - 104
Hexachlorobenzene	ND		2.58	1.84		mg/Kg		71	55 - 103
Pentachlorophenol	ND		5.15	3.70		mg/Kg		72	46 - 115
Phenanthrene	ND		2.58	1.75		mg/Kg		68	57 - 106
Anthracene	ND		2.58	1.74		mg/Kg		68	55 - 105
Di-n-butyl phthalate	ND		2.58	1.87		mg/Kg		73	58 - 109

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: 720-87425-4 MS

Matrix: Solid
Analysis Batch: 247707

Client Sample ID: FHS-ENV-D@0.5'

Prep Type: Total/NA
Prep Batch: 247584

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Fluoranthene	ND		2.58	1.84		mg/Kg		72	56 - 104
Pyrene	ND		2.58	1.94		mg/Kg		75	52 - 115
Butyl benzyl phthalate	ND		2.58	2.05		mg/Kg		80	57 - 115
3,3'-Dichlorobenzidine	ND	F1	2.58	0.279	F1	mg/Kg		11	47 - 110
Benzo[a]anthracene	ND		2.58	1.90		mg/Kg		74	55 - 103
Bis(2-ethylhexyl) phthalate	ND		2.58	2.09		mg/Kg		81	58 - 115
Chrysene	ND		2.58	1.90		mg/Kg		74	58 - 103
Di-n-octyl phthalate	ND		2.58	2.09		mg/Kg		81	58 - 109
Benzo[b]fluoranthene	ND		2.58	1.88		mg/Kg		73	57 - 109
Benzo[a]pyrene	ND		2.58	1.87		mg/Kg		72	57 - 106
Benzo[k]fluoranthene	ND		2.58	1.92		mg/Kg		74	55 - 110
Indeno[1,2,3-cd]pyrene	ND		2.58	1.98		mg/Kg		77	56 - 108
Benzo[g,h,i]perylene	ND		2.58	2.09		mg/Kg		81	56 - 115
Benzoic acid	ND		2.58	1.65		mg/Kg		64	10 - 128
Pyridine	0.012	J F1	2.58	0.712	F1	mg/Kg		27	30 - 110
Azobenzene	ND		2.58	1.72		mg/Kg		67	52 - 103
Dibenz(a,h)anthracene	ND		2.58	1.94		mg/Kg		75	57 - 106

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	54		21 - 98
2-Fluorobiphenyl	59		30 - 112
Terphenyl-d14	74		59 - 134
2-Fluorophenol	58		28 - 98
Phenol-d5	60		23 - 101
2,4,6-Tribromophenol	74		37 - 114

Lab Sample ID: 720-87425-4 MSD

Matrix: Solid
Analysis Batch: 247707

Client Sample ID: FHS-ENV-D@0.5'

Prep Type: Total/NA
Prep Batch: 247584

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	Limits	RPD	
	Result	Qualifier		Result	Qualifier					RPD	Limit
Phenol	ND		2.57	1.89		mg/Kg		74	48 - 110	24	35
Bis(2-chloroethyl)ether	ND		2.57	1.82		mg/Kg		71	40 - 110	23	35
2-Chlorophenol	ND		2.57	1.86		mg/Kg		73	45 - 110	24	35
1,3-Dichlorobenzene	ND		2.57	1.67		mg/Kg		65	38 - 110	23	35
1,4-Dichlorobenzene	ND		2.57	1.70		mg/Kg		66	40 - 110	25	35
Benzyl alcohol	ND		2.57	2.03		mg/Kg		79	47 - 110	26	35
1,2-Dichlorobenzene	ND		2.57	1.76		mg/Kg		69	39 - 110	23	35
2-Methylphenol	ND		2.57	1.71		mg/Kg		67	50 - 110	23	35
Methylphenol, 3 & 4	ND		2.57	1.80		mg/Kg		70	51 - 110	23	35
N-Nitrosodi-n-propylamine	ND		2.57	1.88		mg/Kg		73	46 - 110	25	35
Hexachloroethane	ND		2.57	1.67		mg/Kg		65	40 - 110	25	35
Nitrobenzene	ND		2.57	1.89		mg/Kg		74	45 - 110	24	35
Isophorone	ND		2.57	1.94		mg/Kg		76	49 - 110	25	35
2-Nitrophenol	ND		2.57	2.10		mg/Kg		82	41 - 105	28	35
2,4-Dimethylphenol	ND	F1	2.57	1.00	F1	mg/Kg		39	52 - 100	19	35
Bis(2-chloroethoxy)methane	ND		2.57	1.90		mg/Kg		74	46 - 110	26	35

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: 720-87425-4 MSD

Client Sample ID: FHS-ENV-D@0.5'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 247707

Prep Batch: 247584

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
2,4-Dichlorophenol	ND		2.57	2.07		mg/Kg		81	49 - 100	21	35
1,2,4-Trichlorobenzene	ND		2.57	1.85		mg/Kg		72	43 - 110	24	35
Naphthalene	ND		2.57	1.82		mg/Kg		71	44 - 110	26	35
4-Chloroaniline	ND		2.57	1.56		mg/Kg		61	42 - 110	22	35
Hexachlorobutadiene	ND		2.57	1.82		mg/Kg		71	44 - 110	24	35
4-Chloro-3-methylphenol	ND		2.57	2.14		mg/Kg		83	58 - 104	23	35
2-Methylnaphthalene	ND		2.57	1.91		mg/Kg		74	49 - 110	24	35
Hexachlorocyclopentadiene	ND		2.57	1.56		mg/Kg		61	24 - 106	16	35
2,4,6-Trichlorophenol	ND		2.57	2.15		mg/Kg		83	50 - 105	25	35
2,4,5-Trichlorophenol	ND		2.57	2.32		mg/Kg		90	53 - 106	22	35
2-Chloronaphthalene	ND		2.57	2.07		mg/Kg		80	52 - 110	25	35
2-Nitroaniline	ND		2.57	2.37		mg/Kg		92	51 - 115	24	35
Dimethyl phthalate	ND		2.57	2.17		mg/Kg		85	56 - 103	22	35
Acenaphthylene	0.013	J	2.57	2.21		mg/Kg		86	53 - 102	26	35
3-Nitroaniline	ND		2.57	1.94		mg/Kg		75	50 - 110	20	35
Acenaphthene	ND		2.57	2.07		mg/Kg		80	53 - 103	27	35
2,4-Dinitrophenol	ND		5.14	4.11		mg/Kg		80	10 - 115	26	35
4-Nitrophenol	ND		5.14	4.59		mg/Kg		89	54 - 117	21	35
Dibenzofuran	ND		2.57	2.09		mg/Kg		81	55 - 101	23	35
2,4-Dinitrotoluene	ND		2.57	2.33		mg/Kg		91	54 - 115	19	35
2,6-Dinitrotoluene	ND		2.57	2.22		mg/Kg		87	54 - 107	23	35
Diethyl phthalate	ND		2.57	2.16		mg/Kg		84	56 - 107	22	35
4-Chlorophenyl phenyl ether	ND		2.57	2.17		mg/Kg		84	57 - 106	23	35
Fluorene	ND		2.57	2.16		mg/Kg		84	54 - 103	26	35
4-Nitroaniline	ND		2.57	1.91		mg/Kg		74	49 - 115	16	35
2-Methyl-4,6-dinitrophenol	ND		5.14	4.61		mg/Kg		90	31 - 122	23	35
N-Nitrosodiphenylamine	ND		2.57	1.79		mg/Kg		70	56 - 104	22	35
4-Bromophenyl phenyl ether	ND		2.57	2.28		mg/Kg		89	53 - 104	21	35
Hexachlorobenzene	ND		2.57	2.26		mg/Kg		88	55 - 103	20	35
Pentachlorophenol	ND		5.14	4.57		mg/Kg		89	46 - 115	21	35
Phenanthrene	ND		2.57	2.24		mg/Kg		87	57 - 106	24	35
Anthracene	ND		2.57	2.24		mg/Kg		87	55 - 105	25	35
Di-n-butyl phthalate	ND		2.57	2.35		mg/Kg		91	58 - 109	22	35
Fluoranthene	ND		2.57	2.26		mg/Kg		88	56 - 104	20	35
Pyrene	ND		2.57	2.45		mg/Kg		95	52 - 115	23	35
Butyl benzyl phthalate	ND		2.57	2.60		mg/Kg		101	57 - 115	24	35
3,3'-Dichlorobenzidine	ND	F1	2.57	0.238	F1	mg/Kg		9	47 - 110	16	35
Benzo[a]anthracene	ND		2.57	2.38		mg/Kg		93	55 - 103	22	35
Bis(2-ethylhexyl) phthalate	ND		2.57	2.67		mg/Kg		104	58 - 115	24	35
Chrysene	ND		2.57	2.32		mg/Kg		90	58 - 103	20	35
Di-n-octyl phthalate	ND		2.57	2.63		mg/Kg		102	58 - 109	23	35
Benzo[b]fluoranthene	ND		2.57	2.29		mg/Kg		89	57 - 109	20	35
Benzo[a]pyrene	ND		2.57	2.34		mg/Kg		91	57 - 106	23	35
Benzo[k]fluoranthene	ND		2.57	2.46		mg/Kg		96	55 - 110	25	35
Indeno[1,2,3-cd]pyrene	ND		2.57	2.48		mg/Kg		96	56 - 108	22	35
Benzo[g,h,i]perylene	ND		2.57	2.64		mg/Kg		103	56 - 115	23	35
Benzoic acid	ND		2.57	2.31		mg/Kg		90	10 - 128	34	35

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: 720-87425-4 MSD

Matrix: Solid

Analysis Batch: 247707

Client Sample ID: FHS-ENV-D@0.5'

Prep Type: Total/NA

Prep Batch: 247584

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Pyridine	0.012	J F1	2.57	0.939		mg/Kg		36	30 - 110	28	35
Azobenzene	ND		2.57	2.19		mg/Kg		85	52 - 103	24	35
Dibenz(a,h)anthracene	ND		2.57	2.44		mg/Kg		95	57 - 106	23	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	69		21 - 98
2-Fluorobiphenyl	76		30 - 112
Terphenyl-d14	93		59 - 134
2-Fluorophenol	74		28 - 98
Phenol-d5	77		23 - 101
2,4,6-Tribromophenol	89		37 - 114

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

Lab Sample ID: MB 720-247693/1-A

Matrix: Solid

Analysis Batch: 247850

Client Sample ID: Method Blank

Prep Type: Silica Gel Cleanup

Prep Batch: 247693

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	0.949	J	2.0	0.75	mg/Kg		07/13/18 16:54	07/17/18 19:46	1
Motor Oil Range Organics [C24-C36]	ND		50	10	mg/Kg		07/13/18 16:54	07/17/18 19:46	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Capric Acid (Surr)	0		0 - 1	07/13/18 16:54	07/17/18 19:46	1
p-Terphenyl	108		38 - 148	07/13/18 16:54	07/17/18 19:46	1

Lab Sample ID: LCS 720-247693/2-A

Matrix: Solid

Analysis Batch: 247850

Client Sample ID: Lab Control Sample

Prep Type: Silica Gel Cleanup

Prep Batch: 247693

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Diesel Range Organics [C10-C28]	167	133		mg/Kg		80	36 - 112

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
p-Terphenyl	105		38 - 148

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 720-247526/1-A

Matrix: Solid

Analysis Batch: 247697

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 247526

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	ND		2.0	0.50	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Dieldrin	ND		2.0	0.59	ug/Kg		07/11/18 14:57	07/14/18 03:22	1

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 720-247526/1-A
Matrix: Solid
Analysis Batch: 247697

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247526

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Endrin aldehyde	ND		2.0	0.63	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Endrin	ND		2.0	0.46	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Endrin ketone	ND		2.0	0.33	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Heptachlor	ND		2.0	0.46	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Heptachlor epoxide	ND		2.0	0.35	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
4,4'-DDT	ND		2.0	0.41	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
4,4'-DDE	ND		2.0	0.42	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
4,4'-DDD	ND		2.0	0.61	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Endosulfan I	ND		2.0	0.32	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Endosulfan II	ND		2.0	0.49	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
alpha-BHC	ND		2.0	0.55	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
beta-BHC	ND		2.0	0.36	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
gamma-BHC (Lindane)	ND		2.0	0.63	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
delta-BHC	ND		2.0	0.44	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Endosulfan sulfate	ND		2.0	0.38	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Methoxychlor	ND		2.0	0.68	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Toxaphene	ND		40	6.8	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Chlordane (technical)	ND		40	3.2	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
cis-Chlordane	ND		2.0	0.40	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
trans-Chlordane	ND		2.0	0.46	ug/Kg		07/11/18 14:57	07/14/18 03:22	1
Surrogate	MB	MB	Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
Tetrachloro-m-xylene	65		21 - 145				07/11/18 14:57	07/14/18 03:22	1
DCB Decachlorobiphenyl	80		21 - 136				07/11/18 14:57	07/14/18 03:22	1

Lab Sample ID: LCS 720-247526/2-A
Matrix: Solid
Analysis Batch: 247697

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247526

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Aldrin	16.7	12.6		ug/Kg		76	65 - 120
Dieldrin	16.7	14.8		ug/Kg		89	72 - 120
Endrin aldehyde	16.7	13.7		ug/Kg		82	68 - 120
Endrin	16.7	15.6		ug/Kg		93	68 - 120
Endrin ketone	16.7	15.9		ug/Kg		95	75 - 136
Heptachlor	16.7	13.5		ug/Kg		81	69 - 120
Heptachlor epoxide	16.7	14.4		ug/Kg		86	68 - 120
4,4'-DDT	16.7	14.8		ug/Kg		89	63 - 127
4,4'-DDE	16.7	15.5		ug/Kg		93	76 - 126
4,4'-DDD	16.7	15.4		ug/Kg		92	75 - 128
Endosulfan I	16.7	14.9		ug/Kg		90	62 - 120
Endosulfan II	16.7	15.2		ug/Kg		91	65 - 120
alpha-BHC	16.7	10.4		ug/Kg		62	46 - 122
beta-BHC	16.7	15.0		ug/Kg		90	78 - 136
gamma-BHC (Lindane)	16.7	13.1		ug/Kg		78	72 - 120
delta-BHC	16.7	12.8		ug/Kg		77	43 - 125
Endosulfan sulfate	16.7	14.5		ug/Kg		87	72 - 121
Methoxychlor	16.7	15.6		ug/Kg		94	71 - 132

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 720-247526/2-A
Matrix: Solid
Analysis Batch: 247697

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247526

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
cis-Chlordane	16.7	14.6		ug/Kg		88	70 - 120
trans-Chlordane	16.7	14.6		ug/Kg		87	68 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	74		21 - 145
DCB Decachlorobiphenyl	95		21 - 136

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-247523/1-A
Matrix: Solid
Analysis Batch: 247644

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247523

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	1.8	ug/Kg		07/11/18 14:51	07/13/18 16:23	1
PCB-1221	ND		50	1.8	ug/Kg		07/11/18 14:51	07/13/18 16:23	1
PCB-1232	ND		50	1.8	ug/Kg		07/11/18 14:51	07/13/18 16:23	1
PCB-1242	ND		50	1.8	ug/Kg		07/11/18 14:51	07/13/18 16:23	1
PCB-1248	ND		50	1.8	ug/Kg		07/11/18 14:51	07/13/18 16:23	1
PCB-1254	ND		50	1.8	ug/Kg		07/11/18 14:51	07/13/18 16:23	1
PCB-1260	ND		50	5.3	ug/Kg		07/11/18 14:51	07/13/18 16:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		45 - 132	07/11/18 14:51	07/13/18 16:23	1
DCB Decachlorobiphenyl	72		42 - 146	07/11/18 14:51	07/13/18 16:23	1

Lab Sample ID: LCS 720-247523/2-A
Matrix: Solid
Analysis Batch: 247644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	133	91.3		ug/Kg		68	65 - 121
PCB-1260	133	96.9		ug/Kg		73	68 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	65		45 - 132
DCB Decachlorobiphenyl	72		42 - 146

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 440-488618/1-A
Matrix: Solid
Analysis Batch: 488624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488618

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.30	0.15	mg/Kg		07/19/18 23:03	07/20/18 08:01	3

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method: 7199 - Chromium, Hexavalent (IC) (Continued)

Lab Sample ID: LCS 440-488618/2-A
Matrix: Solid
Analysis Batch: 488624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488618

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Cr (VI)	40.0	39.9		mg/Kg		100	80 - 120

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-247550/1-A
Matrix: Solid
Analysis Batch: 247732

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50	0.083	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Arsenic	ND		1.0	0.085	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Barium	ND		0.50	0.071	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Beryllium	ND		0.10	0.033	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Cadmium	ND		0.13	0.012	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Chromium	ND		0.50	0.053	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Cobalt	ND		0.20	0.020	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Copper	ND		1.5	0.71	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Lead	ND		0.50	0.11	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Molybdenum	ND		0.50	0.064	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Selenium	ND		1.0	0.15	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Silver	ND		0.25	0.051	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Nickel	ND		0.50	0.051	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Thallium	ND		0.50	0.15	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Vanadium	ND		0.50	0.068	mg/Kg		07/11/18 18:44	07/13/18 18:36	1
Zinc	ND		1.5	0.64	mg/Kg		07/11/18 18:44	07/13/18 18:36	1

Lab Sample ID: LCS 720-247550/2-A
Matrix: Solid
Analysis Batch: 247732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	50.0	49.6		mg/Kg		99	80 - 120
Arsenic	50.0	49.5		mg/Kg		99	80 - 120
Barium	50.0	51.9		mg/Kg		104	80 - 120
Beryllium	50.0	50.8		mg/Kg		102	80 - 120
Cadmium	50.0	50.2		mg/Kg		100	80 - 120
Chromium	50.0	50.9		mg/Kg		102	80 - 120
Cobalt	50.0	51.1		mg/Kg		102	80 - 120
Copper	50.0	51.4		mg/Kg		103	80 - 120
Lead	50.0	51.2		mg/Kg		102	80 - 120
Molybdenum	50.0	51.3		mg/Kg		103	80 - 120
Selenium	50.0	48.2		mg/Kg		96	80 - 120
Silver	25.0	24.1		mg/Kg		97	80 - 120
Nickel	50.0	51.2		mg/Kg		102	80 - 120
Thallium	50.0	51.5		mg/Kg		103	80 - 120
Vanadium	50.0	50.4		mg/Kg		101	80 - 120
Zinc	50.0	50.3		mg/Kg		101	80 - 120

TestAmerica Pleasanton

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

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

Lab Sample ID: MB 720-247818/1-A
Matrix: Solid
Analysis Batch: 247875

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 247818

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0029	mg/L		07/17/18 10:35	07/17/18 15:51	1
Chromium	ND		0.010	0.00070	mg/L		07/17/18 10:35	07/17/18 15:51	1
Nickel	ND		0.010	0.0010	mg/L		07/17/18 10:35	07/17/18 15:51	1

Lab Sample ID: LCS 720-247818/2-A
Matrix: Solid
Analysis Batch: 247875

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 247818

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	1.00	0.992		mg/L		99	80 - 120
Chromium	1.00	1.02		mg/L		102	80 - 120
Nickel	1.00	1.02		mg/L		102	80 - 120

Lab Sample ID: LB4 720-247541/1-C
Matrix: Solid
Analysis Batch: 247875

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 247818

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.10	0.029	mg/L		07/17/18 10:35	07/17/18 17:30	1
Chromium	ND		0.10	0.0070	mg/L		07/17/18 10:35	07/17/18 17:30	1
Nickel	0.0217	J	0.10	0.010	mg/L		07/17/18 10:35	07/17/18 17:30	1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-247547/1-A
Matrix: Solid
Analysis Batch: 247799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247547

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.017	0.0025	mg/Kg		07/11/18 18:06	07/16/18 15:36	1

Lab Sample ID: LCS 720-247547/2-A
Matrix: Solid
Analysis Batch: 247799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247547

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.833	0.856		mg/Kg		103	80 - 120

QC Association Summary

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

GC/MS VOA

Prep Batch: 247543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	5030B	
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	5030B	
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	5030B	
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	5030B	

Analysis Batch: 247553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	8260B	247543
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	8260B	247543
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	8260B	247543
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	8260B	247543
MB 720-247553/4	Method Blank	Total/NA	Solid	8260B	
LCS 720-247553/5	Lab Control Sample	Total/NA	Solid	8260B	
LCS 720-247553/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 720-247553/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
LCSD 720-247553/8	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 247584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	3546	
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	3546	
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	3546	
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	3546	
MB 720-247584/1-A	Method Blank	Total/NA	Solid	3546	
LCS 720-247584/2-A	Lab Control Sample	Total/NA	Solid	3546	
720-87425-4 MS	FHS-ENV-D@0.5'	Total/NA	Solid	3546	
720-87425-4 MSD	FHS-ENV-D@0.5'	Total/NA	Solid	3546	

Analysis Batch: 247707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	8270C	247584
MB 720-247584/1-A	Method Blank	Total/NA	Solid	8270C	247584
LCS 720-247584/2-A	Lab Control Sample	Total/NA	Solid	8270C	247584
720-87425-4 MS	FHS-ENV-D@0.5'	Total/NA	Solid	8270C	247584
720-87425-4 MSD	FHS-ENV-D@0.5'	Total/NA	Solid	8270C	247584

Analysis Batch: 247748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	8270C	247584
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	8270C	247584
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	8270C	247584

GC Semi VOA

Prep Batch: 247523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	3546	
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	3546	

TestAmerica Pleasanton

QC Association Summary

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

GC Semi VOA (Continued)

Prep Batch: 247523 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	3546	
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	3546	
MB 720-247523/1-A	Method Blank	Total/NA	Solid	3546	
LCS 720-247523/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 247526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	3546	
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	3546	
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	3546	
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	3546	
MB 720-247526/1-A	Method Blank	Total/NA	Solid	3546	
LCS 720-247526/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 247644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	8082	247523
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	8082	247523
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	8082	247523
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	8082	247523
MB 720-247523/1-A	Method Blank	Total/NA	Solid	8082	247523
LCS 720-247523/2-A	Lab Control Sample	Total/NA	Solid	8082	247523

Prep Batch: 247693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Silica Gel Cleanup	Solid	3546	
720-87425-2	FHS-ENV-B@0.5'	Silica Gel Cleanup	Solid	3546	
720-87425-3	FHS-ENV-C@0.5'	Silica Gel Cleanup	Solid	3546	
720-87425-4	FHS-ENV-D@0.5'	Silica Gel Cleanup	Solid	3546	
MB 720-247693/1-A	Method Blank	Silica Gel Cleanup	Solid	3546	
LCS 720-247693/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	3546	

Analysis Batch: 247697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	8081A	247526
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	8081A	247526
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	8081A	247526
MB 720-247526/1-A	Method Blank	Total/NA	Solid	8081A	247526
LCS 720-247526/2-A	Lab Control Sample	Total/NA	Solid	8081A	247526

Analysis Batch: 247702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	8081A	247526

Analysis Batch: 247850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-247693/1-A	Method Blank	Silica Gel Cleanup	Solid	8015B	247693
LCS 720-247693/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	8015B	247693

TestAmerica Pleasanton

QC Association Summary

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

GC Semi VOA (Continued)

Analysis Batch: 247852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Silica Gel Cleanup	Solid	8015B	247693

Analysis Batch: 247893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-2	FHS-ENV-B@0.5'	Silica Gel Cleanup	Solid	8015B	247693
720-87425-3	FHS-ENV-C@0.5'	Silica Gel Cleanup	Solid	8015B	247693
720-87425-4	FHS-ENV-D@0.5'	Silica Gel Cleanup	Solid	8015B	247693

HPLC/IC

Prep Batch: 488618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	3060A	
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	3060A	
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	3060A	
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	3060A	
MB 440-488618/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 440-488618/2-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 488624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	7199	488618
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	7199	488618
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	7199	488618
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	7199	488618
MB 440-488618/1-A	Method Blank	Total/NA	Solid	7199	488618
LCS 440-488618/2-A	Lab Control Sample	Total/NA	Solid	7199	488618

Metals

Leach Batch: 247541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	STLC Citrate	Solid	CA WET Citrate	
720-87425-2	FHS-ENV-B@0.5'	STLC Citrate	Solid	CA WET Citrate	
720-87425-3	FHS-ENV-C@0.5'	STLC Citrate	Solid	CA WET Citrate	
720-87425-4	FHS-ENV-D@0.5'	STLC Citrate	Solid	CA WET Citrate	
LB4 720-247541/1-C	Method Blank	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 247547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	7471A	
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	7471A	
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	7471A	
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	7471A	
MB 720-247547/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 720-247547/2-A	Lab Control Sample	Total/NA	Solid	7471A	

Prep Batch: 247550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	3050B	

TestAmerica Pleasanton

QC Association Summary

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Metals (Continued)

Prep Batch: 247550 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	3050B	
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	3050B	
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	3050B	
MB 720-247550/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 720-247550/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 247732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	6010B	247550
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	6010B	247550
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	6010B	247550
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	6010B	247550
MB 720-247550/1-A	Method Blank	Total/NA	Solid	6010B	247550
LCS 720-247550/2-A	Lab Control Sample	Total/NA	Solid	6010B	247550

Analysis Batch: 247799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	Total/NA	Solid	7471A	247547
720-87425-2	FHS-ENV-B@0.5'	Total/NA	Solid	7471A	247547
720-87425-3	FHS-ENV-C@0.5'	Total/NA	Solid	7471A	247547
720-87425-4	FHS-ENV-D@0.5'	Total/NA	Solid	7471A	247547
MB 720-247547/1-A	Method Blank	Total/NA	Solid	7471A	247547
LCS 720-247547/2-A	Lab Control Sample	Total/NA	Solid	7471A	247547

Prep Batch: 247818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	STLC Citrate	Solid	3005A	247541
720-87425-2	FHS-ENV-B@0.5'	STLC Citrate	Solid	3005A	247541
720-87425-3	FHS-ENV-C@0.5'	STLC Citrate	Solid	3005A	247541
720-87425-4	FHS-ENV-D@0.5'	STLC Citrate	Solid	3005A	247541
LB4 720-247541/1-C	Method Blank	STLC Citrate	Solid	3005A	247541
MB 720-247818/1-A	Method Blank	Total Recoverable	Solid	3005A	
LCS 720-247818/2-A	Lab Control Sample	Total Recoverable	Solid	3005A	

Analysis Batch: 247875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-1	FHS-ENV-A@0.5'	STLC Citrate	Solid	6010B	247818
720-87425-2	FHS-ENV-B@0.5'	STLC Citrate	Solid	6010B	247818
720-87425-3	FHS-ENV-C@0.5'	STLC Citrate	Solid	6010B	247818
720-87425-4	FHS-ENV-D@0.5'	STLC Citrate	Solid	6010B	247818
LB4 720-247541/1-C	Method Blank	STLC Citrate	Solid	6010B	247818
MB 720-247818/1-A	Method Blank	Total Recoverable	Solid	6010B	247818
LCS 720-247818/2-A	Lab Control Sample	Total Recoverable	Solid	6010B	247818

TestAmerica Pleasanton

Lab Chronicle

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-A@0.5'

Date Collected: 07/10/18 14:10

Date Received: 07/11/18 14:30

Lab Sample ID: 720-87425-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			247543	07/11/18 17:22	GLL	TAL PLS
Total/NA	Analysis	8260B		1	247553	07/12/18 02:56	AJS	TAL PLS
Total/NA	Prep	3546			247584	07/12/18 11:43	NDU	TAL PLS
Total/NA	Analysis	8270C		1	247748	07/16/18 16:01	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			247693	07/13/18 16:54	JNG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	247852	07/17/18 20:16	JXL	TAL PLS
Total/NA	Prep	3546			247526	07/12/18 12:28	JNG	TAL PLS
Total/NA	Analysis	8081A		1	247697	07/14/18 07:41	JZT	TAL PLS
Total/NA	Prep	3546			247523	07/12/18 12:31	JNG	TAL PLS
Total/NA	Analysis	8082		1	247644	07/13/18 17:46	JZT	TAL PLS
Total/NA	Prep	3060A			488618	07/19/18 23:03	RW	TAL IRV
Total/NA	Analysis	7199		3	488624	07/20/18 09:34	MN	TAL IRV
STLC Citrate	Leach	CA WET Citrate			247541	07/11/18 17:12	GLL	TAL PLS
STLC Citrate	Prep	3005A			247818	07/17/18 10:35	MAG	TAL PLS
STLC Citrate	Analysis	6010B		1	247875	07/17/18 17:50	OBI	TAL PLS
Total/NA	Prep	3050B			247550	07/11/18 18:44	GLL	TAL PLS
Total/NA	Analysis	6010B		4	247732	07/13/18 19:38	OBI	TAL PLS
Total/NA	Prep	7471A			247547	07/11/18 18:06	MAG	TAL PLS
Total/NA	Analysis	7471A		1	247799	07/16/18 16:15	OBI	TAL PLS

Client Sample ID: FHS-ENV-B@0.5'

Date Collected: 07/10/18 14:30

Date Received: 07/11/18 14:30

Lab Sample ID: 720-87425-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			247543	07/11/18 17:22	GLL	TAL PLS
Total/NA	Analysis	8260B		1	247553	07/12/18 03:27	AJS	TAL PLS
Total/NA	Prep	3546			247584	07/12/18 11:43	NDU	TAL PLS
Total/NA	Analysis	8270C		1	247748	07/16/18 16:24	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			247693	07/13/18 16:54	JNG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	247893	07/18/18 15:18	JXL	TAL PLS
Total/NA	Prep	3546			247526	07/12/18 12:28	JNG	TAL PLS
Total/NA	Analysis	8081A		1	247697	07/14/18 07:57	JZT	TAL PLS
Total/NA	Prep	3546			247523	07/12/18 12:31	JNG	TAL PLS
Total/NA	Analysis	8082		1	247644	07/13/18 18:03	JZT	TAL PLS
Total/NA	Prep	3060A			488618	07/19/18 23:03	RW	TAL IRV
Total/NA	Analysis	7199		3	488624	07/20/18 09:46	MN	TAL IRV
STLC Citrate	Leach	CA WET Citrate			247541	07/11/18 17:33	GLL	TAL PLS
STLC Citrate	Prep	3005A			247818	07/17/18 10:35	MAG	TAL PLS
STLC Citrate	Analysis	6010B		1	247875	07/17/18 17:55	OBI	TAL PLS
Total/NA	Prep	3050B			247550	07/11/18 18:44	GLL	TAL PLS
Total/NA	Analysis	6010B		4	247732	07/13/18 19:43	OBI	TAL PLS
Total/NA	Prep	7471A			247547	07/11/18 18:06	MAG	TAL PLS
Total/NA	Analysis	7471A		1	247799	07/16/18 16:17	OBI	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Client Sample ID: FHS-ENV-C@0.5'

Lab Sample ID: 720-87425-3

Date Collected: 07/10/18 14:50

Matrix: Solid

Date Received: 07/11/18 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			247543	07/11/18 17:22	GLL	TAL PLS
Total/NA	Analysis	8260B		1	247553	07/12/18 03:58	AJS	TAL PLS
Total/NA	Prep	3546			247584	07/12/18 11:43	NDU	TAL PLS
Total/NA	Analysis	8270C		1	247748	07/16/18 16:46	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			247693	07/13/18 16:54	JNG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	247893	07/18/18 15:47	JXL	TAL PLS
Total/NA	Prep	3546			247526	07/12/18 12:28	JNG	TAL PLS
Total/NA	Analysis	8081A		1	247697	07/14/18 08:13	JZT	TAL PLS
Total/NA	Prep	3546			247523	07/12/18 12:31	JNG	TAL PLS
Total/NA	Analysis	8082		1	247644	07/13/18 18:19	JZT	TAL PLS
Total/NA	Prep	3060A			488618	07/19/18 23:03	RW	TAL IRV
Total/NA	Analysis	7199		3	488624	07/20/18 10:24	MN	TAL IRV
STLC Citrate	Leach	CA WET Citrate			247541	07/11/18 17:33	GLL	TAL PLS
STLC Citrate	Prep	3005A			247818	07/17/18 10:35	MAG	TAL PLS
STLC Citrate	Analysis	6010B		1	247875	07/17/18 18:00	OBI	TAL PLS
Total/NA	Prep	3050B			247550	07/11/18 18:44	GLL	TAL PLS
Total/NA	Analysis	6010B		4	247732	07/13/18 19:48	OBI	TAL PLS
Total/NA	Prep	7471A			247547	07/11/18 18:06	MAG	TAL PLS
Total/NA	Analysis	7471A		1	247799	07/16/18 16:20	OBI	TAL PLS

Client Sample ID: FHS-ENV-D@0.5'

Lab Sample ID: 720-87425-4

Date Collected: 07/10/18 15:10

Matrix: Solid

Date Received: 07/11/18 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			247543	07/11/18 17:22	GLL	TAL PLS
Total/NA	Analysis	8260B		1	247553	07/12/18 04:30	AJS	TAL PLS
Total/NA	Prep	3546			247584	07/12/18 11:43	NDU	TAL PLS
Total/NA	Analysis	8270C		1	247707	07/14/18 17:22	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			247693	07/13/18 16:54	JNG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	247893	07/18/18 16:17	JXL	TAL PLS
Total/NA	Prep	3546			247526	07/12/18 12:28	JNG	TAL PLS
Total/NA	Analysis	8081A		5	247702	07/14/18 22:24	JZT	TAL PLS
Total/NA	Prep	3546			247523	07/12/18 12:31	JNG	TAL PLS
Total/NA	Analysis	8082		1	247644	07/13/18 18:36	JZT	TAL PLS
Total/NA	Prep	3060A			488618	07/19/18 23:03	RW	TAL IRV
Total/NA	Analysis	7199		3	488624	07/20/18 10:36	MN	TAL IRV
STLC Citrate	Leach	CA WET Citrate			247541	07/11/18 17:33	GLL	TAL PLS
STLC Citrate	Prep	3005A			247818	07/17/18 10:47	MAG	TAL PLS
STLC Citrate	Analysis	6010B		1	247875	07/17/18 18:05	OBI	TAL PLS
Total/NA	Prep	3050B			247550	07/11/18 18:44	GLL	TAL PLS
Total/NA	Analysis	6010B		4	247732	07/13/18 19:53	OBI	TAL PLS
Total/NA	Prep	7471A			247547	07/11/18 18:06	MAG	TAL PLS
Total/NA	Analysis	7471A		1	247799	07/16/18 16:22	OBI	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Laboratory References:

EMSL = EMSL Analytical, Inc., 464 McCormick St., San Leandro, CA 94577

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Accreditation/Certification Summary

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2496	01-31-20

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

Analysis Method	Prep Method	Matrix	Analyte
8270C	3546	Solid	Pyridine

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-19
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18 *
California	State Program	9	CA ELAP 2706	06-30-19
Guam	State Program	9	Cert. No. 17-003R	01-23-19
Hawaii	State Program	9	N/A	01-29-19
Kansas	NELAP	7	E-10420	07-31-18 *
Nevada	State Program	9	CA015312018-1	07-31-18 *
New Mexico	State Program	6	N/A	01-29-19
Oregon	NELAP	10	4028	01-29-19
USDA	Federal		P330-15-00184	07-09-21
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
8081A	Organochlorine Pesticides (GC)	SW846	TAL PLS
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS
7199	Chromium, Hexavalent (IC)	SW846	TAL IRV
6010B	Metals (ICP)	SW846	TAL PLS
7471A	Mercury (CVAA)	SW846	TAL PLS
Subcontract	Asbestos CARB 435A	None	EMSL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PLS
3050B	Preparation, Metals	SW846	TAL PLS
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	TAL IRV
3546	Microwave Extraction	SW846	TAL PLS
5030B	Purge and Trap	SW846	TAL PLS
7471A	Preparation, Mercury	SW846	TAL PLS
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL PLS

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

None = None

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

Laboratory References:

EMSL = EMSL Analytical, Inc., 464 McCormick St., San Leandro, CA 94577

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

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

Sample Summary

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-87425-1	FHS-ENV-A@0.5'	Solid	07/10/18 14:10	07/11/18 14:30
720-87425-2	FHS-ENV-B@0.5'	Solid	07/10/18 14:30	07/11/18 14:30
720-87425-3	FHS-ENV-C@0.5'	Solid	07/10/18 14:50	07/11/18 14:30
720-87425-4	FHS-ENV-D@0.5'	Solid	07/10/18 15:10	07/11/18 14:30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091815280
Customer ID: CHRO50
Customer PO: 72008204
Project ID:

Attention: Afsaneh Salimpour TestAmerica San Francisco 1220 Quarry Lane Pleasanton, CA 94566-4756	Phone: (925) 484-1919 Fax: (925) 600-3002 Received: 07/12/2018 11:00 AM Analysis Date: 07/17/2018 Collected: 07/10/2018
Project: 72008204 - 720-87425-1 - 720-39008.1 - FOOTHILL HIGH SCHOOL SYNTHETIC TURF	

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FHS-ENV-A@0.5' [720-8725-1] 091815280-0001		Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FHS-ENV-B@0.5' [720-8725-2] 091815280-0002		Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FHS-ENV-C@0.5' [720-8725-3] 091815280-0003		Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FHS-ENV-D@0.5' [720-8725-4] 091815280-0004		Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Adam C. Fink (4)

Matthew Batongbacal
or other approved signatory

This report relates only to the samples listed above and may not be reproduced except in full, without EMSL's written approval. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. EMSL is not responsible for sample collection activities or method limitations. Some samples may contain asbestos fibers below the resolution limit of PLM. EMSL recommends that samples reported as none detected or less than the limit of detection undergo additional analysis via TEM. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from: 07/17/2018 23:41:21



Salimpour, Afsaneh

720-87425-2

From: kdustin@clearyconsultantsinc.com
Sent: Monday, July 23, 2018 7:11 AM
To: Salimpour, Afsaneh
Cc: 'Grant Foster'; 'Chanice Mason'
Subject: RE: TestAmerica report files from 720-87425-1 Foothill High School Synthetic Turf

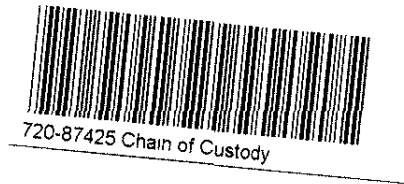
-External Email-

Afsaneh,

On 720-87425-1 Foothill High School Synthetic Turf - Sample ENV-D please run:
STLC Nickel
TCLP Chromium

Please contact me with any questions.

Kelly Dustin, Staff Engineering Geologist
650-444-0274 (cell)
650-948-0574 (office)
Cleary Consultants, Inc.
560 Division Street
Campbell | California 95008



This communication contains information which is intended only for the use of the addressee(s) named herein and copying or distributing this communication to parties other than the addressee(s) is prohibited. Information which is transmitted electronically may be subject to damage, deterioration, unintentional modification, or otherwise modified, and use of this electronic transmission by anyone other than Cleary Consultants, Inc. (CCI) shall be without liability or exposure to CCI, and at the recipient's sole risk. Verification of the accuracy of the information transmitted herein against governing hard copy documents shall be the recipient's responsibility.

From: Grant Foster <grantfoster@clearyconsultantsinc.com>
Sent: Thursday, July 19, 2018 5:19 PM
To: Kelly Dustin <kdustin@clearyconsultantsinc.com>
Subject: FW: TestAmerica report files from 720-87425-1 Foothill High School Synthetic Turf

Grant Foster, P.E., G.E.
Vice President Engineering
650-444-2146 (cell)



560 Division Street

Login Sample Receipt Checklist

Client: Cleary Consultants, Inc

Job Number: 720-87425-1

Login Number: 87425
List Number: 1
Creator: Perry, Janae R

List Source: TestAmerica Pleasanton

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 (excluding tests with immediate HTs)	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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Cleary Consultants, Inc

Job Number: 720-87425-1

Login Number: 87425
List Number: 2
Creator: Ornelas, Olga

List Source: TestAmerica Irvine
List Creation: 07/13/18 12:19 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
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?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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	

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: 720-87425-2

Client Project/Site: Foothill High School Synthetic Turf

For:

Cleary Consultants, Inc

560 Division Street

Campbell, California 95008

Attn: Grant Foster



Authorized for release by:

7/30/2018 1:03:29 PM

Afsaneh Salimpour, Senior Project Manager

(925)484-1919

afsaneh.salimpour@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.

1

2

3

4

5

6

7

8

9

10

11

12

13

14



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receipt Checklists	14

Definitions/Glossary

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-2

Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-2

Job ID: 720-87425-2

Laboratory: TestAmerica Pleasanton

Narrative

**Job Narrative
720-87425-2**

Comments

No additional comments.

Receipt

The samples were received on 7/11/2018 2:30 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.

Metals

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.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Detection Summary

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-2

Client Sample ID: FHS-ENV-D@0.5'

Lab Sample ID: 720-87425-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.13	B	0.10	0.015	mg/L	1		6010B	TCLP

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-2

Client Sample ID: FHS-ENV-D@0.5'

Lab Sample ID: 720-87425-4

Date Collected: 07/10/18 15:10

Matrix: Solid

Date Received: 07/11/18 14:30

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.13	B	0.10	0.015	mg/L		07/25/18 09:35	07/26/18 12:57	1

QC Sample Results

Client: Cleary Consultants, Inc
 Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-248302/1-A
Matrix: Solid
Analysis Batch: 248408

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 248302

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.010	0.0015	mg/L		07/25/18 09:35	07/26/18 11:16	1

Lab Sample ID: LCS 720-248302/2-A
Matrix: Solid
Analysis Batch: 248408

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 248302

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	1.00	1.16		mg/L		116	80 - 120



QC Association Summary

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-2

Metals

Leach Batch: 248220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-4	FHS-ENV-D@0.5'	TCLP	Solid	1311	

Prep Batch: 248302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-4	FHS-ENV-D@0.5'	TCLP	Solid	3010A	248220
MB 720-248302/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 720-248302/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 248408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-87425-4	FHS-ENV-D@0.5'	TCLP	Solid	6010B	248302
MB 720-248302/1-A	Method Blank	Total/NA	Solid	6010B	248302
LCS 720-248302/2-A	Lab Control Sample	Total/NA	Solid	6010B	248302

Lab Chronicle

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-2

Client Sample ID: FHS-ENV-D@0.5'

Lab Sample ID: 720-87425-4

Date Collected: 07/10/18 15:10

Matrix: Solid

Date Received: 07/11/18 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			248220	07/24/18 09:16	MAA	TAL PLS
TCLP	Prep	3010A			248302	07/25/18 09:35	MAA	TAL PLS
TCLP	Analysis	6010B		1	248408	07/26/18 12:57	BKR	TAL PLS

Laboratory References:

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-2

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2496	01-31-20

Analysis Method	Prep Method	Matrix	Analyte
-----------------	-------------	--------	---------

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL PLS
1311	TCLP Extraction	SW846	TAL PLS
3010A	Preparation, Total Metals	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: Cleary Consultants, Inc
Project/Site: Foothill High School Synthetic Turf

TestAmerica Job ID: 720-87425-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-87425-4	FHS-ENV-D@0.5'	Solid	07/10/18 15:10	07/11/18 14:30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Salimpour, Afsaneh

720-87425-2

From: kdustin@clearyconsultantsinc.com
Sent: Monday, July 23, 2018 7:11 AM
To: Salimpour, Afsaneh
Cc: 'Grant Foster'; 'Chanice Mason'
Subject: RE: TestAmerica report files from 720-87425-1 Foothill High School Synthetic Turf

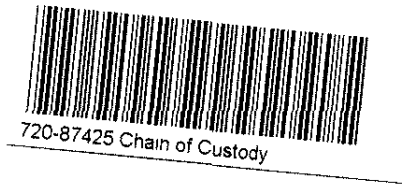
-External Email-

Afsaneh,

On 720-87425-1 Foothill High School Synthetic Turf - Sample ENV-D please run:
STLC Nickel
TCLP Chromium

Please contact me with any questions.

Kelly Dustin, Staff Engineering Geologist
650-444-0274 (cell)
650-948-0574 (office)
Cleary Consultants, Inc.
560 Division Street
Campbell | California 95008



This communication contains information which is intended only for the use of the addressee(s) named herein and copying or distributing this communication to parties other than the addressee(s) is prohibited. Information which is transmitted electronically may be subject to damage, deterioration, unintentional modification, or otherwise modified, and use of this electronic transmission by anyone other than Cleary Consultants, Inc. (CCI) shall be without liability or exposure to CCI, and at the recipient's sole risk. Verification of the accuracy of the information transmitted herein against governing hard copy documents shall be the recipient's responsibility.

From: Grant Foster <grantfoster@clearyconsultantsinc.com>
Sent: Thursday, July 19, 2018 5:19 PM
To: Kelly Dustin <kdustin@clearyconsultantsinc.com>
Subject: FW: TestAmerica report files from 720-87425-1 Foothill High School Synthetic Turf

Grant Foster, P.E., G.E.
Vice President Engineering
650-444-2146 (cell)



560 Division Street

Login Sample Receipt Checklist

Client: Cleary Consultants, Inc

Job Number: 720-87425-2

Login Number: 87425

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Perry, Janae R

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 (excluding tests with immediate HTs)	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	

