

ALBUS-KEEFE & ASSOCIATES, INC.

GEOTECHNICAL CONSULTANTS

October 25, 2010 J.N.: 1802.01

Mr. Erich Brown, University Representative Design and Construction Services, MC 1030 University of California Santa Barbara, California 93106-1030

Subject: Updated Summary of Geotechnical and Environmental Evaluation of Proposed Import Site, Proposed UCSB North Campus Faculty Housing Project, Phase II, City of Goleta, County of Santa Barbara, California

Reference: Remedial Action Plan for the CDFG East Parcel Western Goleta Slough Wetland Restoration Project Site, Santa Barbara County, California, dated September 8, 2009, prepared by URS (Project No. 28907005).

Dear Mr. Brown,

Pursuant to your request and authorization, *Albus-Keefe & Associates, Inc.* has completed geotechnical and environmental evaluation services related to the potential fill import site for the proposed UCSB North Campus Faculty Housing Project, Phase II. This document is an updated version of our report dated October 18, 2010, to include additional information on the criteria used to establish acceptable soil contaminate levels at the site. We understand you may import approximately 9,000 cubic yards of fill soil from the Western Goleta Slough Wetland Restoration Project identified in the referenced document. The anticipated limits of the borrow area are depicted on the attached Plot Plan, Plate 1.

Review of the referenced document indicates the site has been impacted by hazardous substances generally consisting of petroleum byproducts and heavy metals. The document also indicates the fill materials contain various types of debris. The purpose of our work was to evaluate the suitability of the proposed import materials from a geotechnical and environmental perspective. The scope of our work included the following:

- Review of the referenced document
- Subsurface exploration and sampling
- Laboratory testing of select soil samples
- Analysis of the data
- Preparation of this report

SUBSURFACE EXPLORATION AND SAMPLING

Subsurface exploration for this investigation was conducted on September 29, 2010, and consisted of excavation of 16 test pits, TP-1 through TP-16, using an excavator to a depth of about 5 feet below the existing ground surface. A representative of *Albus-Keefe & Associates, Inc.* logged the

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exploratory excavations. Visual and tactile identifications were made of the materials encountered, and a brief summary of their descriptions are presented on the test pit logs in Appendix A. The approximate locations of test pits are shown on the enclosed Plot Plan, Plate 1.

Two soil samples were collected from each test pit. The collected samples were retained in glass jars, stored in a cooler with ice and transported to Associated Laboratories, a California certified analytical laboratory, in City of Orange, along with Chain-of-custody, for testing.

In addition to environmental samples, three (3) bulk samples of representative site soils were also collected for geotechnical evaluations. The collected soil samples were stored in sealed plastic bags and transported to our laboratory for analysis and testing.

Upon completion of sampling, each test pit was backfilled with soils excavated from each test pit up to adjacent ground surface. Only a nominal compaction effort was provided during the backfilling.

LABORATORY TESTING

One of the collected bulk samples with the highest clay content was tested for moisture content, expansion index, soluble sulfate content and Atterberg limits. Descriptions of laboratory test criteria and test results are presented in Appendix B.

The environmental samples collected from each test pit were tested for Volatile Organic Compounds (VOCs) using EPA Method 8260B, for Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270C, for Total Petroleum Hydrocarbons [TPH ($C_6 - C_{40}$)] by EPA Method 8015B, and for CAM Metals by EPA Method 6010B/7471A. The test report prepared by Associated Laboratories as well as a summary of the results is provided in Appendix C.

SUBSURFACE CONDITIONS

Earth materials encountered in the test pits consisted of silty clay, sandy clay, sandy silt, and clayey sand. Very minor amounts of asphalt concrete debris up to 6 inches in diameter were encountered in the test pits. No other deleterious materials were observed in the test pits. Most of the materials were near or slightly over optimum moisture. Some highly plastic clays (CL) were observed in the lower portions of a few test pits, particularly at the northern and western edges of the proposed borrow area. The materials were observed to have very high moisture contents.

SUMMARY AND CONCLUSIONS

Geotechnical Issues

Based on the results of testing for expansion index, sulfate, and Atterberg limits, the proposed import soils are comparable with the existing site soils at the North Campus Faculty Housing Project with respect to expansion characteristics and corrosion potential. These materials appear to contain negligible amounts of non-deleterious debris in the form of asphaltic concrete fragments that should not require reduction in size. As such, this proposed import material is suitable for use as engineering fill materials from a geotechnical standpoint. Portions of the proposed import are well over optimum moisture content and will require drying prior to placement as compacted fill. However, efforts can be made to avoid excavating these materials since they occur near the bottoms of proposed excavations and within a relatively limited area.

Environmental Issues

Results of environmental testing indicate the presence of relatively low concentrations of total petroleum hydrocarbon (TPH). Of the 16 samples submitted for TPH analysis, 6 samples indicate detectable concentrations between 11 and 188 mg/kg with petroleum hydrocarbons range between C23 and C32 (e.g. oil range). These high-molecular-weight petroleum hydrocarbons are relatively immobile. We obtained no detectable concentrations of hydrocarbons in the gasoline or middle distillate ranges (C4 to C22). Additionally, no detectable concentrations of volatile organic compounds (VOCs) were found in any of these 6 samples with detected TPH concentrations. We have included the detected locations and concentrations of TPH (C23-C32) on the Plot Plan, Plate 1.

Most jurisdictions require that remedial action be taken when the TPH (C23 to C32) in soil exceeds 1000 mg/Kg. The County of Santa Barbara Fire Department generally follows a more restrictive requirement of 370 mg/Kg as dictated by the California Regional Water Quality Control Board, San Francisco Bay Region. The maximum concentration found in our testing (188 mg/Kg at TP-6) was less than this screening level. Because the potential import material will be excavated and hauled to the site by trucks, followed by re-excavating these same materials from a stockpile then placed as compacted fill, it will be blended at least two times. This blending process will tend to further dilute the higher concentrations of TPH found in some samples. The final in-place concentration of TPH at the Faculty Housing site will generally be lower than the upper end values present at the import site.

Detectable concentrations of arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, vanadium, and zinc were found in 15 of the 16 test samples. However, the maximum detected concentrations for the above-referenced metals are well below the industrial and residential preliminary remediation goals (PRGs) values and require no further action with exception of arsenic. The detected arsenic concentrations range from 2.46 to 9.31 mg/kg. Since arsenic occurs naturally in many areas throughout California at levels above the published residential PRGs of 0.39 mg/kg, the State of California does not recognize arsenic concerns above the residential PRGs until they exceed the naturally occurring background levels that range from 0.6 to 11.0 mg/kg. Because the detected concentrations of arsenic are within the naturally occurring background levels for California, no further action is required.

Testing for polynuclear aromatic hydrocarbons (PAH's) were non-detect in all 16 samples tested. The reported detection limit is $10 \mu g/Kg$.

Based on the results of our observations and testing, soil within the proposed borrow site is suitable for use as engineering fill materials for the proposed North Campus Faculty Housing Project from an environmental perspective. No soils tested contain levels of substances that would require remedial action based on current agency requirements.

LIMITATIONS

AKA's limited soil sampling and laboratory testing were performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area. AKA observed the degree of care and skill generally exercised by other consultants under similar circumstances and conditions. No warranty, expressed or implied, is made. AKA does not and cannot represent that the property does not contain any hazardous substances, contaminants, pollutants, petroleum hydrocarbons, or any other latent conditions beyond that observed by AKA during the course of the project. This report is also subject to the following limitations:

- The observations described in this report and the environmental assessment was made under the conditions stated herein. The environmental assessment was based solely upon the services described herein, and not on scientific tasks or procedures beyond the described scope of services or the time and budgetary constraints by the client.
- A good faith effort has been made to consult pertinent sources of data, and AKA has disclosed all the collected information to the client.
- In the event the client obtains information regarding environmental or hazardous substances at the property not contained in this report, such information shall be brought to AKA's attention forthwith. AKA will evaluate such information and, on the basis of this evaluation, may modify the conclusions and/or recommendations stated in this letter.
- This report has been prepared for the sole use of **University of California**, **Santa Barbara**. The information contained herein is not intended to be used or relied upon by other person or entity, without the knowledge and written consent of this firm.

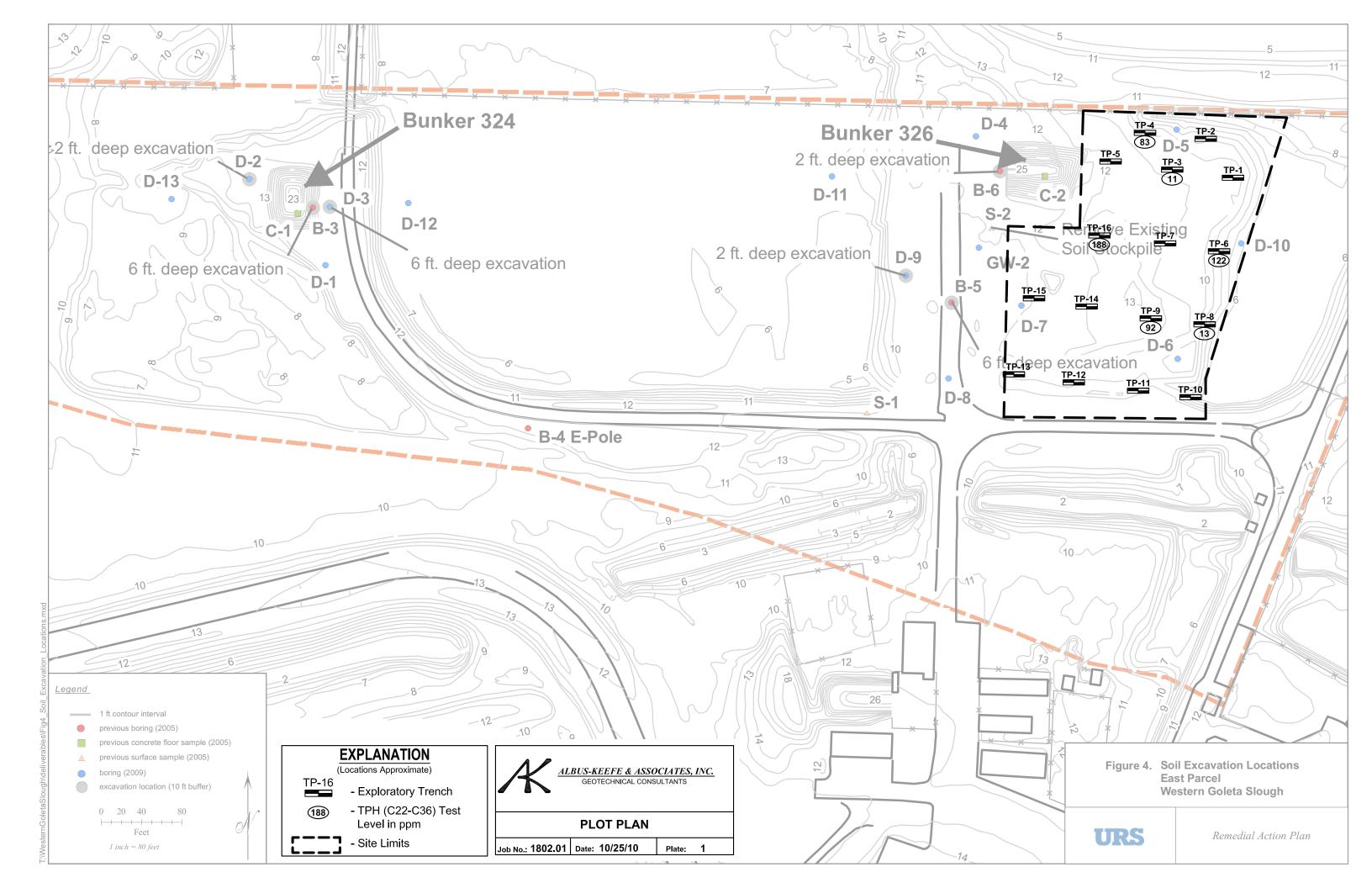
Respectfully submitted,

ALBUS-KEEFE & ASSOCIATES, INC

James J.M. Chang// Associate Engineer R.E.A. 1-05533

David E. Albus Principal Engineer GE 2455





APPENDIX A

EXPLORATORY LOGS

ALBUS-KEEFE & ASSOCIATES, INC.

TEST PIT LOGS

1 EC	51 FII LOUS
TP-1	through TP-16

Test Pit No.	Description: Total Depths = 5 ft.
TP-1	(0-2') Silty clay (CL), (2'-5') sandy clay (CH)
TP-2	(0-1.5') Silty sand/sandy silt (SM/ML), (1.5'-2.5') clayey sand/sandy clay (SC/CL), (2.5'-5') sandy clay (CH)
TP-3	(0-1.5') Sandy silt (ML), (1.5'-5') clayey sand/sandy clay (SC/CL)
TP-4	(0-5') Silty clayey sand (SC)
TP-5	(0-5') Silty sand/clayey sand (SC)
TP-6	(0-5') Silty sand/clayey sand (SC)
TP-7	(0-5') Silty sand/clayey sand (SC)
TP-8	(0-5') Clayey sand (SC), (4.5'-5') clay (CH)
TP-9	(0-5') Silty sand (SM)
TP-10	(0-4') Silty sand/clayey sand (SM/SC), (4'-5') sandy clay (CH)
TP-11	(0-5') Silty sand (SM)
TP-12	(0-1.5') Sandy silt (ML), (1.5'-5') Silty sand (SM)
TP-13	(0-2') Sandy silt (ML), (2'-4') clayey sand (SC), (4'-5') sandy silt (ML)
TP-14	(0-2') Sandy silt (ML), (2'-5') clayey sand (SC)
TP-15	(0-1.5') Sandy silt/clayey sand (ML/CL), (1.5'-5') sandy clay (CL)
TP-16	(0-4') Sandy silt (ML), (4'-5') sandy clay (CL)

APPENDIX B

GEOTECHNICAL LABORATORY TESTING

LABORATORY TESTING

In-Situ Moisture

Moisture content of the selected bulk sample was performed in accordance with ASTM D2216-05. The test result is included in Table B.

Expansion Potential

Expansion index testing was performed on a selected sample. The test was performed in conformance with ASTM D4829-08. The test result is presented in Table B.

Atterberg Limits

Atterberg limit tests (Liquid Limit, Plastic Limit and Plasticity Index) were performed on selected samples to verify visual classifications. The tests were performed in general conformance with ASTM D 4318-08. Test results are presented on Table B.

Soluble Sulfate Content

Chemical analysis was performed on a selected sample to determine soluble sulfate content. This test was performed in accordance with California Test Method No. 417. The test result is included on Table B.

Boring No.	Sample Depth (ft)	Soil Description	Test Results			
			Soluble Sulfate Content:	0.038%		
			Sulfate Exposure:	Negligible		
			Expansion Index:	121		
TP-2	4	Sandy Clay (CH)	Expansion Potential:	High		
			In-Situ Moisture Content:	42.6%		
			Liquid Limit:	52.6%		
			Plasticity Index:	34.1%		

TABLE BSUMMARY OF LABORATORY TEST RESULTS

APPENDIX C

ENVIRONMENTAL LABORATORY RESULTS AND CHAIN-OF-CUSTODY RECORDS

TABLE C-1

Summary of Analytical Testing

Analyte	Analyte Upper Bound Value from Testing (ppm)			
ТРН				
C4-C12	<3 (detection limit)	100	1.	
C13-C22	<3 (detection limit)	100	1.	
C23-C32	188	370	1.	
VOC				
1,1,1,2-Tetrachloroethane	<0.005 (detection limit)	19	3.	
1,1,1-Trichloroethane	<0.005 (detection limit)	8700	3.	
1,1,2,2-Tetrachloroethane	<0.005 (detection limit)	0.56	3.	
1,1,2-Trichlorotrifluoroethane	<0.005 (detection limit)	43,000	3.	
1,1-Dichloroethane	<0.005 (detection limit)	3.3	3.	
1,1-Dichloropropene	<0.005 (detection limit)	1.7	3.	
1,2,3-Trichlorobenzene	<0.005 (detection limit)	490	3.	
1,2,3-Trichloropropane	<0.005 (detection limit)	5000	3.	
1,2,4-Trichlorobenzene	<0.005 (detection limit)	220	3.	
1,2,4-Trimethylbenzene	<0.005 (detection limit)	620	3.	
1,2-Dibromo-3-chloropropane	<0.005 (detection limit)	0.0054	3.	
1,2-Dibromoethane	<0.005 (detection limit)	0.034	3.	
1,2-Dichlorobenzene	<0.005 (detection limit)	1900	3.	
1,2-Dichloroethane	<0.005 (detection limit)	0.043	3.	
1,2-Dichloropropane	<0.005 (detection limit)	0.89	3.	
1,3,5-Trimethylbenzene	<0.005 (detection limit)	780	3.	
1,3-Dichloropropane	<0.005 (detection limit)	1600	3.	
1,4-Dichlorobenzene	<0.005 (detection limit)	2.4	3.	
2-Butanone (MEK)	<0.1 (detection limit)	28,000	3.	
Acetone	<0.05 (detection limit)	61,000	3.	
Allyl chloride	<0.005 (detection limit)	0.68	3.	
Benzene	<0.005 (detection limit)	1.1	3.	
Bromobenzene	<0.005 (detection limit)	300	3.	
Bromodichloromethane	<0.005 (detection limit)	0.27	3.	
Bromoform	<0.005 (detection limit)	61	3.	
Bromomethane	<0.005 (detection limit)	7.3	3.	
Carbon tetrachloride	<0.005 (detection limit)	0.61	3.	
Chlorobenzene	<0.005 (detection limit)	290	3.	
Chloroform	<0.005 (detection limit)	0.29	3.	
Chloromethane	<0.005 (detection limit)	120	3.	
Dibromochloromethane	<0.005 (detection limit)	0.68	3.	
Dibromomethane	<0.005 (detection limit)	2500	3.	
Dichlorodifluoromethane	<0.005 (detection limit)	180	3.	
Ethylbenzene	<0.005 (detection limit)	5.4	3.	
Hexachlorobutadiene	<0.005 (detection limit)	6.2	3.	

Isopropylbenzene (Cumene)	<0.005 (detection limit)	2100	3.
m and p-Xylene	<0.005 (detection limit)	3400	3.
Methyl-tert-butyl ether (MTBE)	<0.005 (detection limit)	43	3.
Methylene chloride	<0.005 (detection limit)	11	3.
n-Propylbenzene	<0.005 (detection limit)	3400	3.
o-Xylene	<0.005 (detection limit)	3800	3.
Styrene	<0.005 (detection limit)	6300	3.
Tetrachloroethene	<0.005 (detection limit)	0.55	3.
Toluene	<0.005 (detection limit)	5000	3.
Trichlorofluoromethane	<0.005 (detection limit)	790	3.
Vinyl chloride	<0.005 (detection limit)	0.06	3.
Xylenes, total	<0.005 (detection limit)	630	3.
Di-isopropyl ether (DIPE)	<0.002 (detection limit)	1400	3.
CAM Metals			
Arsenic	9.31	11	2.
Barium	117	5200	4.
Beryllium	0.802	150	4.
Cadmium	0.665	1.7	4.
Chromium (Total Cr)	41.1	N/A	
Chromium VI	6.85 (1/6 Total Cr)	17	4.
Cobalt	13.2	660	4.
Copper	17.2	3000	4.
Lead	6.73	150	4.
Molybdenum	2.63	380	4.
Nickel	42.4	1600	4.
Vanadium	35.8	530	4.
Zinc	59.5	23,000	4.
РАН			
Benzo (a) pyrene	<0.01 (detection limit)	0.038	4.

- Based on Table B "Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater," by California Regional Water Quality Board, San Francisco Bay Region, November 2007. Used per Nathan West, Hazmat Specialist at County of Santa Barbara Fire Department.
- 2. Based on Kearney Foundation Special Report by University of California, "Background Concentrations of Trace and Major Elements in California Soils," 1996
- 3. Based on EPA Regional Screening Level Summary Table May 2010
- 4. Based on California Environmental Protection Agency, "Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties," Jan 2005
- Notes- For PAH testing, Benzo (a) pyrene has the lowest permissible level of all PAHs tested and is therefore used as the risk assessment basis on all PAHs.

For maximum accepted limit on Chromium VI, the detected Chromium VI concentration was taken as 1/6 of the total Chromium concentration as suggested by the EPA RSL User Guide, May 2010

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Albus-Keefe & Associates, Inc. ATTN: James Chang	(10462)	LAB REQUES	ST 262329
	1411 N. Armando St.		REPORTED	10/12/2010
	Anaheim, CA 92806-1626		RECEIVED	09/29/2010
PROJECT	Г #1802.00 - UCSB North Campus Facility Housing/SBPD			
SUBMIT	ΓER Client			
COMME	NTS * Matrix Interference.			

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
1114454	TP-1@2'
1114455	TP-2@4'
1114456	TP-3@1 1/2'
1114457	TP-4@3'
1114458	TP-5@3 1/2'
1114459	TP-6@1 1/2'
1114460	TP-7@4'
1114461	TP-8@4'
1114462	TP-9@3'
1114463	TP-10@4'
1114464	TP-11@4'
1114465	TP-12@3 1/2'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Albus-Keefe & Associates, Inc.	(10462)	LAB REQUEST 26	
	ATTN: James Chang			
	1411 N. Armando St.		REPORTED	10/12/2010
	Anaheim, CA 92806-1626		RECEIVED	09/29/2010
PROJECT	۲ #1802.00 - UCSB North Campus Facility Housing/SBPD			
SUBMIT	ΓER Client			
COMME	NTS * Matrix Interference.			

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
1114466	TP-13@4'
1114467	TP-14@2 1/2'
1114468	TP-15@4'
1114469	TP-16@3'
1114470	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 262329 cover, page 2 of 2

Analyte	Result	DF	DLR	Units	Date/Analyst
6010B ICP CAM Metals Only (W/S/W)					

Antimony	ND	1	3.0	mg/Kg	10/01/10	KN
Arsenic	3.25	1	1.0	mg/Kg	10/01/10	KN
Barium	76.7	1	1.0	mg/Kg	10/01/10	KN
Beryllium	ND	1	0.5	mg/Kg	10/01/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/01/10	KN
Chromium	18.4	1	1.0	mg/Kg	10/01/10	KN
Cobalt	4.24	1	0 . 5-	mg/Kg	10/01/10	KN
Copper	7.34	1	1.0	mg/Kg	10/01/10	KN
Lead	3.83	1	0.5	mg/Kg	10/01/10	KN
Molybdenum	ND	1	1.0	mg/Kg	10/01/10	KN
Nickel	20.6	1	1.5	mg/Kg	10/01/10	KN
Selenium	ND	1	1.0	mg/Kg	10/01/10	KN
Silver	ND	1	0.5	mg/Kg	10/01/10	KN
Thallium	ND	1	1.0	mg/Kg	10/01/10	KN
Vanadium	17.8	1	0.5	mg/Kg	10/01/10	KN
Zinc	26.7	1	5.0	mg/Kg	10/01/10	KN

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	123			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	ND	1	5	mg/Kg	10/05/10	AF
C10 - C22	ND	1	3	mg/Kg	10/05/10	AF
C06 - C10	ND	1	3	mg/Kg	10/05/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/01/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



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Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-1@2'

Order #: 1114454 Matrix: SOLID Date Sampled: 09/29/2010 Time Sampled: 08:50 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
0B Volatile Organic Compounds					
1,1-Dichloroethane	ND	1	5	ug/Kg	10/01/10 NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
1,1-Dichloropropene	ND ND	1	5	ug/Kg	10/01/10 NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,4-Trimethylbenzene	ND ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,3-Dichlorobenzene	ND ND	1	5	ug/Kg	10/01/10 NZ
1,3-Dichloropropane	ND ND	1	5	ug/Kg	10/01/10 NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	10/01/10 NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/01/10 NZ
2-Chlorotoluene	ND	1	5	ug/Kg	10/01/10 NZ
4-Chlorotoluene	ND	1	5	ug/Kg	10/01/10 NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/01/10 NZ
Acetone	ND	1	50	ug/Kg	10/01/10 NZ
Allyl chloride	ND	1	5	ug/Kg	10/01/10 NZ
Benzene	ND	1	5	ug/Kg	10/01/10 NZ
Bromobenzene	ND	1	5	ug/Kg	10/01/10 NZ
Bromochloromethane	ND ND	1	5	ug/Kg	10/01/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	10/01/10 NZ
Bromoform	ND	1	5	ug/Kg	10/01/10 NZ
Bromomethane	ND	1	5	ug/Kg	10/01/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	10/01/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
Chloroethane	ND	1	5	ug/Kg	10/01/10 NZ
Chloroform	ND	1	5	ug/Kg	10/01/10 NZ
Chloromethane	ND	1	5	ug/Kg	10/01/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
cis-1,4-Dichloro-2-butene	ND ND	1	5	ug/Kg	10/01/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	10/01/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client:	Albus-Kee	efe & Associates,	Inc.
Client S	ample ID:	TP-1@2'	

Analyte	Result	DF	DLR	Units	Date/Analyst
B Volatile Organic Compounds					
Dibromomethane	ND	1	5	ug/Kg	10/01/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Ethyl benzene	ND ND	1	5	ug/Kg	10/01/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/01/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/01/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/01/10 NZ
Methylene chloride	ND	1	5	ug/Kg	10/01/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Naphthalene	ND	1	5	ug/Kg	10/01/10 NZ
o-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/01/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Styrene	ND	1	5	ug/Kg	10/01/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/01/10 NZ
Toluene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10 NZ
Trichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	10/01/10 NZ
Xylenes, total	ND	1	5	ug/Kg	10/01/10 NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/01/10 NZ
rogates				Units	Control Limit
Surr1 - Dibromofluoromethane	109			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	122			%	70 - 135
Surr3 - Toluene-d8	98			%	70 - 135
Surr4 - p-Bromofluorobenzene	98			%	70 - 135

8270C PAH by GC/MS/SIM

Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES Ana

Order #: 1114454

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-1@2'

Matrix: SOLID Date Sampled: 09/29/2010 Time Sampled: 08:50 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Pyrene	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	99			%	30 - 115
Sur4 - Nitrobenzene-d5	83			%	23 - 120
Sur6 - Terphenyl-d14	96			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte	Result	DF	DLR	Units	Date/Analyst	
10D ICD CAM Motols Only (11/S/11)						

6010B ICP CAM Metals Only (W/S/W)

Antimony	ND	1	3.0	mg/Kg	10/01/10	KN
Arsenic	6.37	1	1.0	mg/Kg	10/01/10	KN
Barium	92.6	1	1.0	mg/Kg	10/01/10	KN
Beryllium	0.610	1	0.5	mg/Kg	10/01/10	KN
Cadmium	0.665	1	0.5	mg/Kg	10/01/10	KN
Chromium	41.1	1	1.0	mg/Kg	10/01/10	KN
Cobalt	7.47	1	0.5	mg/Kg	10/01/10	KN
Copper	17.2	1	1.0	mg/Kg	10/01/10	KN
Lead	5.77	1	0.5	mg/Kg	10/01/10	KN
Molybdenum	2.63	1	1.0	mg/Kg	10/01/10	KN
Nickel	42.4	1	1.5	mg/Kg	10/01/10	KN
Selenium	ND	1	1.0	mg/Kg	10/01/10	KN
Silver	ND	1	0.5	mg/Kg	10/01/10	KN
Thallium	ND	1	1.0	mg/Kg	10/01/10	K٨
Vanadium	35.8	1	0.5	mg/Kg	10/01/10	KN
Zinc	59.5	1	5.0	mg/Kg	10/01/10	K٢

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	64			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	ND	1	5	mg/Kg	10/06/10	AF
C10 - C22	ND	1	3	mg/Kg	10/06/10	AF
C06 - C10	ND	1	3	mg/Kg	10/06/10	AF

8260B Volatile Organic Compounds

			• • • • • • • • • • • • • • • • • • • •			
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/01/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-2@4'

Order #: 1114455 Matrix: SOLID Date Sampled: 09/29/2010 Time Sampled: 09:05 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
0B Volatile Organic Compounds					
1,1-Dichloroethane	ND	1	5	ug/Kg	10/01/10 NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
2-Butanone (MEK)	ND ND	1	100	ug/Kg	10/01/10 NZ
2-Chloroethyl vinyl ether	ND ND	1	5	ug/Kg	10/01/10 NZ
2-Chlorotoluene	ND ND	1	5	ug/Kg	10/01/10 NZ
4-Chlorotoluene	ND	1	5	ug/Kg	10/01/10 NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/01/10 NZ
Acetone	ND	1	50	ug/Kg	10/01/10 NZ
Allyl chloride	ND	1	5	ug/Kg	10/01/10 NZ
Benzene	ND	1	5	ug/Kg	10/01/10 NZ
Bromobenzene	ND	1	5	ug/Kg	10/01/10 NZ
Bromochloromethane	ND ND	1	5	ug/Kg	10/01/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	10/01/10 NZ
Bromoform	ND ND	1	5	ug/Kg	10/01/10 NZ
Bromomethane	ND	1	5	ug/Kg	10/01/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	10/01/10 NZ
Chlorobenzene	ND ND	1	5	ug/Kg	10/01/10 NZ
Chloroethane	ND ND	1	5	ug/Kg	10/01/10 NZ
Chloroform	ND ND	1	5	ug/Kg	10/01/10 NZ
Chloromethane	ND	1	5	ug/Kg	10/01/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10 NZ
Dibromochloromethane	ND ND	1	5	ug/Kg	10/01/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #:	1114455
Matrix: SC	LID
Date Samp	led: 09/29/2010
Time Samp	oled: 09:05
Sampled B	y:

Analyte

Client: Albus-Keefe & Associates, Inc. Client Sample ID: TP-2@4'

B Volatile Organic Compounds						
Dibromomethane	ND	1	5	ug/Kg	10/01/10	NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/01/10	NZ
Ethyl benzene	ND	1	5	ug/Kg	10/01/10	NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/01/10	NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/01/10	NZ
m and p-Xylene	ND	1	5	ug/Kg	10/01/10	NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/01/10	NZ
Methylene chloride	ND	1	5	ug/Kg	10/01/10	NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
Naphthalene	ND	1	5	ug/Kg	10/01/10	NZ
o-Xylene	ND	1	5	ug/Kg	10/01/10	NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/01/10	NZ
sec-Butylbenzene	ND ND	1	5	ug/Kg	10/01/10	NZ
Styrene	ND	1	5	ug/Kg	10/01/10	NZ
tert-Butylbenzene	ND ND	1	5	ug/Kg	10/01/10	NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/01/10	NZ
Toluene	ND	1	5	ug/Kg	10/01/10	NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10	NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10	NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10	NZ
Trichloroethene	ND	1	5	ug/Kg	10/01/10	NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/01/10	NZ
Vinyl chloride	ND	1	5	ug/Kg	10/01/10	NZ
Xylenes, total	ND	1	5	ug/Kg	10/01/10	NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/01/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/01/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/01/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/01/10	NZ
ogates				Units	Control	Limit
Surr1 - Dibromofluoromethane	103			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	116			%	70 - 135	
Surr3 - Toluene-d8	96			%	70 - 135	
Surr4 - p-Bromofluorobenzene	98			%	70 - 135	

Result

DF

DLR

8270C PAH by GC/MS/SIM

Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Units Date/Analyst

ASSOCIATED LABORATORIES Analytical Results Report

Client:	Albus-Kee	efe & Associates,	Inc.
Client S	ample ID:	TP-2@4'	

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Ругепе	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	90			%	30 - 115
Sur4 - Nitrobenzene-d5	86			%	23 - 120
Sur6 - Terphenyl-d14	86			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte	Result	DF	DLR	Units	Date/Analyst	

6010B ICP CAM Metals Only (W/S/W)

Antimony		ND	1	3.0	mg/Kg	10/01/10	KN
Arsenic		4.64	1	1.0	mg/Kg	10/01/10	KN
Barium		53.2	1	1.0	mg/Kg	10/01/10	KN
Beryllium		ND	1	0.5	mg/Kg	10/01/10	KN
Cadmium		ND	1	0.5	mg/Kg	10/01/10	KN
Chromium		19.8	1	1.0	mg/Kg	10/01/10	KN
Cobalt		3.37	- 1	0.5-	mg/Kg	10/01/10	KN
Copper		6.65	1	1.0	mg/Kg	10/01/10	KN
Lead		6.73	1	0.5	mg/Kg	10/01/10	KN
Molybdenum		1.09	1	1.0	mg/Kg	10/01/10	KN
Nickel		15.1	1	1.5	mg/Kg	10/01/10	KN
Selenium		ND	1	1.0	mg/Kg	10/01/10	KN
Silver		ND	1	0.5	mg/Kg	10/01/10	KN
Thallium		ND	1	1.0	mg/Kg	10/01/10	KN
Vanadium		21.1	1	0.5	mg/Kg	10/01/10	KN
Zinc	1	26.3	1	5.0	mg/Kg	10/01/10	KN

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	146*			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	11	1	5	mg/Kg	10/06/10	AF
C10 - C22	ND	1	3	mg/Kg	10/06/10	AF
C06 - C10	ND	1	3	mg/Kg	10/06/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/01/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-3@1 1/2'

Anaryte					
8260B Volatile Organic Compounds					
1,1-Dichloroethane	ND	1	5	ug/Kg	10/01/10 NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	10/01/10 NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/01/10 NZ
2-Chlorotoluene	ND	1	5	ug/Kg	10/01/10 NZ
4-Chlorotoluene	ND	1	5	ug/Kg	10/01/10 NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/01/10 NZ
Acetone	ND	1	50	ug/Kg	10/01/10 NZ
Allyl chloride	ND	1	5	ug/Kg	10/01/10 NZ
Benzene	ND	1	5	ug/Kg	10/01/10 NZ
Bromobenzene	ND	1	5	ug/Kg	10/01/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	10/01/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	10/01/10 NZ
Bromoform	ND	1	5	ug/Kg	10/01/10 NZ
Bromomethane	ND	1	5	ug/Kg	10/01/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	10/01/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
Chloroethane	ND	1	5	ug/Kg	10/01/10 NZ
Chloroform	ND	1	5	ug/Kg	10/01/10 NZ
Chloromethane	ND	1	5	ug/Kg	10/01/10 NZ
cis-1,2-Dichloroethene	ND]	5	ug/Kg	10/01/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	10/01/10 NZ

Result

DF

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

DLR Units Date/Analyst

ASSOCIATED LABORATORIES

Order #:	1114456					
Matrix: SC						
Date Samp	led: 09/29/2010					
Time Sampled: 09:15						
Sampled By:						

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-3@1 1/2'

Dibromomethane	ND	1	5	ug/Kg	10/01/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	10/01/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/01/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/01/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/01/10 NZ
Methylene chloride	ND	1	5	ug/Kg	10/01/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Naphthalene	ND	1	5	ug/Kg	10/01/10 NZ
o-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/01/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Styrene	ND	1	5	ug/Kg	10/01/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/01/10 NZ
Toluene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10 NZ
Trichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	10/01/10 NZ
Xylenes, total	ND	1	5	ug/Kg	10/01/10 NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/01/10 NZ
rogates				Units	Control Limit
Surr1 - Dibromofluoromethane	103			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	106			%	70 - 135
Surr3 - Toluene-d8	99			%	70 - 135
Surr4 - p-Bromofluorobenzene	98			%	70 - 135

Result

DF

8270C PAH by GC/MS/SIM

Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Date/Analyst

Units

DLR

ASSOCIATED LABORATORIES

Client:	Albus-Kee	efe & As	ssociates,	Inc.
Client Sa	ample ID:	TP-3@1	1/2'	

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Pyrene	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	81			%	30 - 115
Sur4 - Nitrobenzene-d5	83			%	23 - 120
Sur6 - Terphenyl-d14	100			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte	Result	DF	DLR	Units	Date/An	alyst
ICP CAM Metals Only (W/S/W)						
Antimony	ND	1	3.0	mg/Kg	10/01/10	KN
Arsenic	ND	1	1.0	mg/Kg	10/01/10	KN
Barium	ND	1	1.0	mg/Kg	10/01/10	KN
Beryllium	ND	1	0.5	mg/Kg	10/01/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/01/10	KN
Chromium	ND	1	1.0	mg/Kg	10/01/10	KN
Cobalt	NÐ	1-	0.5	mg/Kg	10/01/10	KN
Copper	ND	1	1.0	mg/Kg	10/01/10	KN
Lead	ND	1	0.5	mg/Kg	10/01/10	KN
Molybdenum	ND	1	1.0	mg/Kg	10/01/10	KN
Nickel	ND	1	1.5	mg/Kg	10/01/10	KN
Selenium	ND	1	1.0	mg/Kg	10/01/10	KN
Silver	ND	1	0.5	mg/Kg	10/01/10	KN
Thallium	ND	1	1.0	mg/Kg	10/01/10	KN
Vanadium	ND	1	0.5	mg/Kg	10/01/10	KN
Zinc	ND	1	5.0	mg/Kg	10/01/10	KN

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	83			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	93	1	5	mg/Kg	10/06/10	AF
C10 - C22	ND	1	3	mg/Kg	10/06/10	AF
C06 - C10	ND	1	3	mg/Kg	10/06/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/01/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client:	Albus-Kee	efe &	Associates,	Inc.
Client Sa	ample ID:	TP-4(ā)3'	

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
1,1-Dichloroethane	ND	1	5	ug/Kg	10/01/10 NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	10/01/10 NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/01/10 NZ
2-Chlorotoluene	ND	1	5	ug/Kg	10/01/10 NZ
4-Chlorotoluene	ND	1	5	ug/Kg	10/01/10 NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/01/10 NZ
Acetone	ND	1	50	ug/Kg	10/01/10 NZ
Allyl chloride	ND	1	5	ug/Kg	10/01/10 NZ
Benzene	ND	1	5	ug/Kg	10/01/10 NZ
Bromobenzene	ND	1	5	ug/Kg	10/01/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	10/01/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	10/01/10 NZ
Bromoform	ND	1	5	ug/Kg	10/01/10 NZ
Bromomethane	ND	1	5	ug/Kg	10/01/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	10/01/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
Chloroethane	ND	1	5	ug/Kg	10/01/10 NZ
Chloroform	ND	1	5	ug/Kg	10/01/10 NZ
Chloromethane	ND	1	5	ug/Kg	10/01/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	10/01/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client:	Albus-Kee	efe & Associates,	Inc.
Client S	ample ID:	TP-4@3'	

Analyte	Result	DF	DLR	Units	Date/Analyst
0B Volatile Organic Compounds					
Dibromomethane	ND	1	5	ug/Kg	10/01/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	10/01/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/01/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/01/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/01/10 NZ
Methylene chloride	ND	1	5	ug/Kg	10/01/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Naphthalene	ND	1	5	ug/Kg	10/01/10 NZ
o-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
p-lsopropyltoluene	ND	1	5	ug/Kg	10/01/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Styrene	ND	1	5	ug/Kg	10/01/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/01/10 NZ
Toluene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10 NZ
Trichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	10/01/10 NZ
Xylenes, total	ND	1	5	ug/Kg	10/01/10 NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/01/10 NZ
rrogates				Units	Control Limit
Surr1 - Dibromofluoromethane	106			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	112			%	70 - 135
Surr3 - Toluene-d8	98			%	70 - 135
Surr4 - p-Bromofluorobenzene	100			%	70 - 135

8270C PAH by GC/MS/SIM

Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES An

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-4@3'

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Ругепе	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	91			%	30 - 115
Sur4 - Nitrobenzene-d5	83			%	23 - 120
Sur6 - Terphenyl-d14	96			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte	Result	DF	DLR	Units	Date/Analyst	

6010B ICP CAM Metals Only (W/S/W)

Antimony	ND	1	3.0	mg/Kg	10/01/10	KN
Arsenic	6.46	1	1.0	mg/Kg	10/01/10	KN
Barium	64.3	1	1.0	mg/Kg	10/01/10	KN
Beryllium	ND	1	0.5	mg/Kg	10/01/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/01/10	KN
Chromium	14.7	1	1.0	mg/Kg	10/01/10	KN
Cobalt	4.05	-1	-0.5 -	mg/Kg	10/01/10	-KN
Copper	5.77	1	1.0	mg/Kg	10/01/10	K٢
Lead	3.81	1	0.5	mg/Kg	10/01/10	K١
Molybdenum	ND	1	1.0	mg/Kg	10/01/10	KN
Nickel	15.1	1	1.5	mg/Kg	10/01/10	KN
Selenium	ND	1	1.0	mg/Kg	10/01/10	K١
Silver	ND	1	0.5	mg/Kg	10/01/10	KN
Thallium	ND	1	1.0	mg/Kg	10/01/10	K١
Vanadium	19.8	1	0.5	mg/Kg	10/01/10	K١
Zinc	21.6	1	5.0	mg/Kg	10/01/10	K١

7471A Mercury in Solid/Wipe

	1					*****
Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	63			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	ND	1	5	mg/Kg	10/06/10	AF
C10 - C22	ND	1	3	mg/Kg	10/06/10	AF
C06 - C10	ND	1	3	mg/Kg	10/06/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/01/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #:	1114458
Matrix: SO	LID
Date Samp	led: 09/29/2010
Time Samp	oled: 09:40
Sampled B	y:

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-5@3 1/2'

· · · · · · · · · · · · · · · · · · ·						
0B Volatile Organic Compounds						
1,1-Dichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	10/01/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	10/01/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/01/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/01/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	10/01/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	10/01/10	NZ
1,4-Dichlorobenzene	ND ND	1	5	ug/Kg	10/01/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	10/01/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/01/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	10/01/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	10/01/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/01/10	NZ
Acetone	ND	1	50	ug/Kg	10/01/10	NZ
Allyl chloride	ND	1	5	ug/Kg	10/01/10	NZ
Benzene	ND	1	5	ug/Kg	10/01/10	NZ
Bromobenzene	ND	1	5	ug/Kg	10/01/10	NZ
Bromochloromethane	ND	1	5	ug/Kg	10/01/10	NZ
Bromodichloromethane	ND	1	5	ug/Kg	10/01/10	NZ
Bromoform	ND	1	5	ug/Kg	10/01/10	NZ
Bromomethane	ND	1	5	ug/Kg	10/01/10	NZ
Carbon tetrachloride	ND	1	5	ug/Kg	10/01/10	NZ
Chlorobenzene	ND	1	5	ug/Kg	10/01/10	NZ
Chloroethane	ND	1	5	ug/Kg	10/01/10	NZ
Chloroform	ND	1	5	ug/Kg	10/01/10	NZ
Chloromethane	ND	1	5	ug/Kg	10/01/10	NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10	NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10	NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10	NZ
Dibromochloromethane	ND	1	5	ug/Kg	10/01/10	NZ

Result

DF

Units

DLR

Date/Analyst

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

Order #: 1114458 Matrix: SOLID
Date Sampled: 09/29/2010
Time Sampled: 09:40
Sampled By:

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-5@3 1/2'

Анаую					
260B Volatile Organic Compounds	·				
Dibromomethane	ND	1	5	ug/Kg	10/01/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	10/01/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/01/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/01/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/01/10 NZ
Methylene chloride	ND	1	5	ug/Kg	10/01/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Naphthalene	ND	1	5	ug/Kg	10/01/10 NZ
o-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/01/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Styrene	ND	1	5	ug/Kg	10/01/10 NZ
tert-Butylbenzene	ND]	5	ug/Kg	10/01/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/01/10 NZ
Toluene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10 NZ
Trichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	10/01/10 NZ
Xylenes, total	ND	1	5	ug/Kg	10/01/10 NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/01/10 NZ
Surrogates				Units	Control Limit
Surr1 - Dibromofluoromethane	104			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	111			%	70 - 135
Surr3 - Toluene-d8	100			%	70 - 135
Surr4 - p-Bromofluorobenzene	99			%	70 - 135

Result

DF

8270C PAH by GC/MS/SIM

Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

DLR Units Date/Analyst

ASSOCIATED LABORATORIES Analytical Results Report

Order #:	1114458
Matrix: SC	LID
Date Samp	led: 09/29/2010
Time Samp	oled: 09:40
Sampled B	y:

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-5@3 1/2'

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Ругепе	ND	1	10	ug/Kg	10/11/10 SD
Surrogates	•			Units	Control Limits
Sur2 - 2-Fluorobiphenyl	80			%	30 - 115
Sur4 - Nitrobenzene-d5	79			%	23 - 120
Sur6 - Terphenyl-d14	87			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #: 1114459	Client: Albus-Kee
Matrix: SOLID	Client Sample ID:
Date Sampled: 09/29/2010	

efe & Associates, Inc. TP-6@1 1/2'

Result	DF	DLR	Units	Date/Analyst	
					_

6010B ICP CAM Metals Only (W/S/W)

Sampled By:

Time Sampled: 09:55

Analyte

Antimony	ND	1	3.0	mg/Kg	10/04/10	KN
Arsenic	9.31	1	1.0	mg/Kg	10/04/10	KN
Barium	52.1	1	1.0	mg/Kg	10/04/10	KN
Beryllium	ND	1	0.5	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/04/10	KN
Chromium	21.2	1	1.0	mg/Kg	10/04/10	KN
Cobalt	3.29	1	0.5	mg/Kg	10/04/10	KN
Copper	5.18	1	1.0	mg/Kg	10/04/10	KN
Lead	5.91	1	0.5	mg/Kg	10/04/10	KN
Molybdenum	1.59	1	1.0	mg/Kg	10/04/10	KN
Nickel	18.0	1	1.5	mg/Kg	10/04/10	KN
Selenium	ND	1	1.0	mg/Kg	10/04/10	KN
Silver	ND	1	0.5	mg/Kg	10/04/10	KN
Thallium	ND	1	1.0	mg/Kg	10/04/10	KN
Vanadium	26.9	1	0.5	mg/Kg	10/04/10	KN
Zinc	30.1	1	5.0	mg/Kg	10/04/10	KN

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	86			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	122	2	10.0	mg/Kg	10/07/10	AF
C10 - C22	ND	2	6.0	mg/Kg	10/07/10	AF
C06 - C10	ND	2	6.0	mg/Kg	10/07/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/01/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte

8260B Volatile Organic Compounds

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-6@1 1/2'

Result

DF

DLR

Units

Date/Analyst

1,1-Dichloroethane ND 1 5 ug/Kg 10/01/10 NZ 1,1-Dichloroethene ND 1 5 ug/Kg 10/01/10 NZ 1,1-Dichloropropene ND 1 5 ug/Kg 10/01/10 NZ 1,2,3-Trichlorobenzene ND 1 5 ug/Kg 10/01/10 NZ 1,2,3-Trichloropropane ND 1 5 ug/Kg 10/01/10 NZ 1,2,4-Trichlorobenzene ND 1 5 ug/Kg 10/01/10 NZ 1,2,4-Trimethylbenzene ND 1 5 ug/Kg 10/01/10 NZ 1,2-Dibromo-3-chloropropane ND 1 5 ug/Kg NZ 10/01/10 1,2-Dibromoethane ND 1 5 ug/Kg 10/01/10 NZ 1,2-Dichlorobenzene 1 ND 5 10/01/10 NZ ug/Kg 1.2-Dichloroethane ND 1 5 ug/Kg 10/01/10 NZ 1,2-Dichloropropane ND 1 5 ug/Kg 10/01/10 NZ 1,3,5-Trimethylbenzene ND 1 5 ug/Kg 10/01/10 NZ 1,3-Dichlorobenzene ND 1 5 ug/Kg 10/01/10 NZ 1,3-Dichloropropane ND 1 5 ug/Kg 10/01/10 NZ 1,4-Dichlorobenzene ND 1 5 ug/Kg 10/01/10 NZ 2,2-Dichloropropane ND 1 5 ug/Kg 10/01/10 NZ 2-Butanone (MEK) ND 1 100 ug/Kg 10/01/10 NZ 2-Chloroethyl vinyl ether ND 1 5 ug/Kg 10/01/10 NZ 2-Chlorotoluene ND 1 5 ug/Kg 10/01/10 NZ 4-Chlorotoluene ND 1 5 ug/Kg NZ 10/01/10 4-Methyl -2- Pentanone (MIBK) ND 1 5 ug/Kg 10/01/10 NZ Acetone ND 1 50 ug/Kg 10/01/10 NZ Allyl chloride ND 1 5 ug/Kg NZ 10/01/10 Benzene ND 1 5 ug/Kg 10/01/10 NZ Bromobenzene ND 1 5 10/01/10 ug/Kg NZ Bromochloromethane ND 1 5 ug/Kg 10/01/10 NZ Bromodichloromethane ND 1 5 ug/Kg 10/01/10 NZ Bromoform ND 1 5 ug/Kg 10/01/10 NZ Bromomethane 1 ND 5 ug/Kg 10/01/10 NZ Carbon tetrachloride ND 1 5 ug/Kg 10/01/10 NZ Chlorobenzene ND 1 5 ug/Kg 10/01/10 NZ Chloroethane ND 1 5 ug/Kg 10/01/10 NZ Chloroform 1 ND 5 ug/Kg 10/01/10 NZ Chloromethane ND 1 5 ug/Kg NZ 10/01/10 cis-1,2-Dichloroethene 1 ND 5 ug/Kg 10/01/10 NZ cis-1,3-Dichloropropene ND 1 5 ug/Kg 10/01/10 NZ cis-1,4-Dichloro-2-butene ND 1 5 NZ ug/Kg 10/01/10 Dibromochloromethane ND 1 5 ug/Kg 10/01/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #:	1114459
Matrix: SO	LID
Date Samp	led: 09/29/2010
Time Samp	oled: 09:55
Sampled B	y:

Analyte

Client: Albus-Keefe & Associates, Inc. Client Sample ID: TP-6@1 1/2'

Dibromomethane	ND	1	5	ug/Kg	10/01/10	NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/01/10	NZ
Ethyl benzene	ND	1	5	ug/Kg	10/01/10	NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/01/10	NZ
lsopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/01/10	NZ
m and p-Xylene	ND	1	5	ug/Kg	10/01/10	NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/01/10	NZ
Methylene_chloride	ND	1	5	ug/Kg	10/01/10	NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
Naphthalene	ND	1	5	ug/Kg	10/01/10	NZ
o-Xylene	ND	1	5	ug/Kg	10/01/10	NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/01/10	NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
Styrene	ND	1	5	ug/Kg	10/01/10	NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/01/10	NZ
Toluene	ND	1	5	ug/Kg	10/01/10	NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10	NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10	NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10	NZ
Trichloroethene	ND	1	5	ug/Kg	10/01/10	NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/01/10	NZ
Vinyl chloride	ND	1	5	ug/Kg	10/01/10	NZ
Xylenes, total	ND	1	5	ug/Kg	10/01/10	NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/01/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/01/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/01/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/01/10	NZ
gates				Units	Control	Lim
Surr1 - Dibromofluoromethane	102			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	109			%	70 - 135	
Surr3 - Toluene-d8	102			%	70 - 135	
Surr4 - p-Bromofluorobenzene	101			%	70 - 135	

Result

DF

8270C PAH by GC/MS/SIM

Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



DLR Units Date/Analyst

ASSOCIATED LABORATORIES Analytical Results Report

Order #:	1114459
Matrix: SC	LID
Date Samp	led: 09/29/2010
Time Samp	oled: 09:55
Sampled B	y:

Client: Albus-Keefe & Associates, Inc. Client Sample ID: TP-6@1 1/2'

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Ругепе	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	84			%	30 - 115
Sur4 - Nitrobenzene-d5	78			%	23 - 120
Sur6 - Terphenyl-d14	86			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte	Result	DF	DLR	Units	Date/Analyst	

6010B ICP CAM Metals Only (W/S/W)

Antimony	ND	1	3.0	mg/Kg	10/04/10	KN
Arsenic	3.87	1	1.0	mg/Kg	10/04/10	KN
Barium	54.3	1	1.0	mg/Kg	10/04/10	KN
Beryllium	ND	1	0.5	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/04/10	KN
Chromium	19.5	1	1.0	mg/Kg	10/04/10	KN
Cobalt	3.74	1	0.5	mg/Kg	10/04/10	KN
Copper	7.01	1	1.0	mg/Kg	10/04/10	KN
Lead	4.29	1	0.5	mg/Kg	10/04/10	KN
Molybdenum	ND	1	1.0	mg/Kg	10/04/10	KN
Nickel	14.0	1	1.5	mg/Kg	10/04/10	KN
Selenium	ND	1	1.0	mg/Kg	10/04/10	KN
Silver	ND	1	0.5	mg/Kg	10/04/10	KN
Thallium	ND	1	1.0	mg/Kg	10/04/10	KN
Vanadium	19.5	1	0.5	mg/Kg	10/04/10	KN
Zinc	26.4	1	5.0	mg/Kg	10/04/10	K١

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	70			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	ND	1	5	mg/Kg	10/06/10	AF
C10 - C22	ND	1	3	mg/Kg	10/06/10	AF
C06 - C10	ND	1	3	mg/Kg	10/06/10	AF

8260B Volatile Organic Compounds

					10/01/10	217
1,1,1,2-Tetrachloroethane	ND	<u>l</u>	5	ug/Kg	10/01/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2,2-Tetrachloroethane	ND]	5	ug/Kg	10/01/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/01/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Albus-Kee	efe & Associates, Inc.
Client Sample ID:	TP-7@4'

Analyte	Result	DF	DLR	Units	Date/Analyst
0B Volatile Organic Compounds					
1,1-Dichloroethane	ND	1	5	ug/Kg	10/01/10 NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,3-Trichlorobenzene	ND ND	1	5	ug/Kg	10/01/10 NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichloroethane	ND ND	1	5	ug/Kg	10/01/10 NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10 NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10 NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	10/01/10 NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/01/10 NZ
2-Chlorotoluene	ND	1	5	ug/Kg	10/01/10 NZ
4-Chlorotoluene	ND	1	5	ug/Kg	10/01/10 NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/01/10 NZ
Acetone	ND	1	50	ug/Kg	10/01/10 NZ
Allyl chloride	ND	1	5	ug/Kg	10/01/10 NZ
Benzene	ND	1	5	ug/Kg	10/01/10 NZ
Bromobenzene	ND	1	5	ug/Kg	10/01/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	10/01/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	10/01/10 NZ
Bromoform	ND	1	5	ug/Kg	10/01/10 NZ
Bromomethane	ND	1	5	ug/Kg	10/01/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	10/01/10 NZ
Chlorobenzene	ND ND	1	5	ug/Kg	10/01/10 NZ
Chloroethane	ND ND	1	5	ug/Kg	10/01/10 NZ
Chloroform	ND	1	5	ug/Kg	10/01/10 NZ
Chloromethane	ND ND	1	5	ug/Kg	10/01/10 NZ
cis-1,2-Dichloroethene	ND ND	1	5	ug/Kg	10/01/10 NZ
cis-1,3-Dichloropropene	ND ND	1	5	ug/Kg	10/01/10 NZ
cis-1,4-Dichloro-2-butene	ND ND	1	5	ug/Kg	10/01/10 NZ
Dibromochloromethane	ND ND	1	5	ug/Kg	10/01/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client:	Albus-Kee	efe & Associates,	Inc.
Client S	ample ID:	TP-7@4'	

Analyte	Result	DF	DLR	Units	Date/Analyst
60B Volatile Organic Compounds					
Dibromomethane	ND	1	5	ug/Kg	10/01/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	10/01/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/01/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/01/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/01/10 NZ
Methylene_chloride	ND	1	5	ug/Kg	10/01/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Naphthalene	ND	1	5	ug/Kg	10/01/10 NZ
o-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/01/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Styrene	ND	1	5	ug/Kg	10/01/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/01/10 NZ
Toluene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10 NZ
Trichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	10/01/10 NZ
Xylenes, total	ND	1	5	ug/Kg	10/01/10 NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/01/10 NZ
urrogates				Units	Control Limits
Surr1 - Dibromofluoromethane	103			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	108		****	%	70 - 135
Surr3 - Toluene-d8	100			%	70 - 135
Surr4 - p-Bromofluorobenzene	103			%	70 - 135

8270C PAH by GC/MS/SIM

		•••••••				
Acenaphthene	ND ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Client:	Albus-Kee	efe & Associates,	Inc.
Client S	ample ID:	TP-7@4'	

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Pyrene	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	85	<i></i>		%	30 - 115
Sur4 - Nitrobenzene-d5	81	··········		%	23 - 120
Sur6 - Terphenyl-d14	100			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte	Result	DF	DLR	Units	Date/Analyst	
Analyto	1100011					-

6010B ICP CAM Metals Only (W/S/W)

Antimony	ND	1	3.0	mg/Kg	10/04/10	KN
Arsenic	4.63	1	1.0	mg/Kg	10/04/10	KN
Barium	68.7	1	1.0	mg/Kg	10/04/10	KN
Beryllium	0.530	1	0.5	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/04/10	K١
Chromium	23.8	1	1.0	mg/Kg	10/04/10	K٢
Cobalt	4.78	- 1	0.5	mg/Kg	10/04/10	K
Copper	7.72	1	1.0	mg/Kg	10/04/10	K٢
Lead	4.53	1	0.5	mg/Kg	10/04/10	K١
Molybdenum	ND	1	1.0	mg/Kg	10/04/10	KN
Nickel	25.4	1	1.5	mg/Kg	10/04/10	K١
Selenium	ND	1	1.0	mg/Kg	10/04/10	K١
Silver	ND	1	0.5	mg/Kg	10/04/10	K١
Thallium	ND	1	1.0	mg/Kg	10/04/10	K١
Vanadium	24.0	1	0.5	mg/Kg	10/04/10	KÌ
Zinc	27.8	1	5.0	mg/Kg	10/04/10	KI

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	65			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	13	1	5	mg/Kg	10/06/10	AF
C10 - C22	ND	1	3	mg/Kg	10/06/10	AF
C06 - C10	ND	1	3	mg/Kg	10/06/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2,2-Tetrachloroethane	ND ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/01/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-8@4'

Result

DF

DLR

Units

1,1-Dichloroethane	ND	1	5	ug/Kg	10/01/10	N
1,1-Dichloroethene	ND	1	5	ug/Kg	10/01/10	N
1,1-Dichloropropene	ND]	5	ug/Kg	10/01/10	N
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10	N
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/01/10	N
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/01/10	N
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10	N
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/01/10	N
1,2-Dibromoethane	ND	1	5	ug/Kg	10/01/10	Ν
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10	Ν
1,2-Dichloroethane	ND	1	5	ug/Kg	10/01/10	N
1,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10	N
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/01/10	N
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10	ľ
1,3-Dichloropropane	ND	1	5	ug/Kg	10/01/10	٢
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/01/10	1
2,2-Dichloropropane	ND	1	5	ug/Kg	10/01/10	٢
2-Butanone (MEK)	ND	1	100	ug/Kg	10/01/10	ľ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/01/10	N
2-Chlorotoluene	ND	1	5	ug/Kg	10/01/10	1
4-Chlorotoluene	ND	1	5	ug/Kg	10/01/10	1
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/01/10	1
Acetone	ND	1	50	ug/Kg	10/01/10]
Allyl chloride	ND	1	5	ug/Kg	10/01/10	1
Benzene	ND	1	5	ug/Kg	10/01/10]
Bromobenzene	ND	1	5	ug/Kg	10/01/10	1
Bromochloromethane	ND	1	5	ug/Kg	10/01/10	1
Bromodichloromethane	ND	1	5	ug/Kg	10/01/10	1
Bromoform	ND	1	5	ug/Kg	10/01/10	ſ
Bromomethane	ND	1	5	ug/Kg	10/01/10	1
Carbon tetrachloride	ND	1	5	ug/Kg	10/01/10	ſ
Chlorobenzene	ND	1	5	ug/Kg	10/01/10	1
Chloroethane	ND	1	5	ug/Kg	10/01/10	1
Chloroform	ND	1	5	ug/Kg	10/01/10	ſ
Chloromethane	ND	1	5	ug/Kg	10/01/10	נ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10]
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10]
cis-1,4-Dichloro-2-butene	ND ND	1	5	ug/Kg	10/01/10]
Dibromochloromethane	ND	1	5	ug/Kg	10/01/10	1

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Date/Analyst

ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-8@4'

Dibromomethane	ND	1	5	ug/Kg	10/01/10	NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/01/10	NZ
Ethyl benzene	ND	1	5	ug/Kg	10/01/10	NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/01/10	NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/01/10	NZ
m and p-Xylene	ND	1	5	ug/Kg	10/01/10	NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/01/10	NZ
Methylene chloride	ND	1	5	ug/Kg	10/01/10	NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
Naphthalene	ND	1	5	ug/Kg	10/01/10	NZ
o-Xylene	ND	1	5	ug/Kg	10/01/10	NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/01/10	NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
Styrene	ND	1	5	ug/Kg	10/01/10	NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/01/10	NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/01/10	NZ
Toluene	ND	1	5	ug/Kg	10/01/10	NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10	NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10	NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10	NZ
Trichloroethene	ND	1	5	ug/Kg	10/01/10	NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/01/10	NZ
Vinyl chloride	ND	1	5	ug/Kg	10/01/10	NZ
Xylenes, total	ND	1	5	ug/Kg	10/01/10	NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/01/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/01/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/01/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/01/10	NZ
rogates				Units	Control	Limit
Surr1 - Dibromofluoromethane	107			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	112			%	70 - 135	
Surr3 - Toluene-d8	100			%	70 - 135	
Surr4 - p-Bromofluorobenzene	100			%	70 - 135	

Result

DF

Units

DLR

Date/Analyst

8270C PAH by GC/MS/SIM

Acenaphthene	ND ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES An

Client: Albus-Keefe & Associates, Inc. Client Sample ID: TP-8@4'

Order #: 1114461 Matrix: SOLID Date Sampled: 09/29/2010 Time Sampled: 10:15 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
70C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Pyrene	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	83			%	30 - 115
Sur4 - Nitrobenzene-d5	79			%	23 - 120
Sur6 - Terphenyl-d14	92			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte	Result	DF	DLR	Units	Date/Analyst
6010B ICP CAM Metals Only (W/S/W)					

Antimony	ND	. 1	3.0	mg/Kg	10/04/10	KN
Arsenic	5.25	1	1.0	mg/Kg	10/04/10	KN
Barium	46.5	1	1.0	mg/Kg	10/04/10	KN
Beryllium	ND	1	0.5	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/04/10	KN
Chromium	15.5	1	1.0	mg/Kg	10/04/10	KN
Cobalt	2.35	1	0:5	mg/Kg	10/04/10	KN
Copper	3.66	1	1.0	mg/Kg	10/04/10	KN
Lead	4.15	1	0.5	mg/Kg	10/04/10	KN
Molybdenum	ND	1	1.0	mg/Kg	10/04/10	KN
Nickel	11.3	1	1.5	mg/Kg	10/04/10	KN
Selenium	ND	1	1.0	mg/Kg	10/04/10	KN
Silver	ND	1	0.5	mg/Kg	10/04/10	KN
Thallium	ND	1	1.0	mg/Kg	10/04/10	KN
Vanadium	15.6	1	0.5	mg/Kg	10/04/10	KN
Zinc	19.7	1	5.0	mg/Kg	10/04/10	KN

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	92			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	26	1	5	mg/Kg	10/06/10	AF
C10 - C22	ND	1	3	mg/Kg	10/06/10	AF
C06 - C10	ND	1	3	mg/Kg	10/06/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/02/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: A	lbus-Keefe & Associates, Inc.
Client Sar	nple ID: TP-9@3'

Analyte	Result	DF	DLR	Units	Date/Analys
B Volatile Organic Compounds					
1,1-Dichloroethane	ND	1	5	ug/Kg	10/02/10 NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	10/02/10 NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	10/02/10 NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10 NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/02/10 NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10 NZ
1,2,4-Trimethylbenzene	ND]	5	ug/Kg	10/02/10 NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/02/10 NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	10/02/10 NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10 NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	10/02/10 NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10 NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10 NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10 NZ
1,3-Dichloropropane	ND ND	1	5	ug/Kg	10/02/10 NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10 NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10 NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	10/02/10 NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/02/10 NZ
2-Chlorotoluene	ND	1	5	ug/Kg	10/02/10 NZ
4-Chlorotoluene	ND	1	5	ug/Kg	10/02/10 NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/02/10 NZ
Acetone	ND	1	50	ug/Kg	10/02/10 NZ
Allyl chloride	ND	1	5	ug/Kg	10/02/10 NZ
Benzene	ND	1	5	ug/Kg	10/02/10 NZ
Bromobenzene	ND	1	5	ug/Kg	10/02/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	10/02/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	10/02/10 NZ
Bromoform	ND	1	5	ug/Kg	10/02/10 NZ
Bromomethane	ND	1	5	ug/Kg	10/02/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	10/02/10 NZ
Chlorobenzene	ND ND	1	5	ug/Kg	10/02/10 NZ
Chloroethane	ND	1	5	ug/Kg	10/02/10 NZ
Chloroform	ND	1	5	ug/Kg	10/02/10 NZ
Chloromethane	ND	1	5	ug/Kg	10/02/10 NZ
cis-1,2-Dichloroethene	ND ND	1	5	ug/Kg	10/02/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10 NZ
Dibromochloromethane	ND ND	1	5	ug/Kg	10/02/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-9@3'

B Volatile Organic Compounds						
Dibromomethane	ND]	5	ug/Kg	10/02/10	NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
Ethyl benzene	ND	1	5	ug/Kg	10/02/10	NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/02/10	NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/02/10	NZ
m and p-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/02/10	NZ
Methylene chloride	ND	1	5	ug/Kg	10/02/10	NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Naphthalene	ND	1	5	ug/Kg	10/02/10	NZ
o-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/02/10	NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Styrene	ND	1	5	ug/Kg	10/02/10	NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Toluene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10	NZ
Trichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
Vinyl chloride	ND	1	5	ug/Kg	10/02/10	NZ
Xylenes, total	ND	1	5	ug/Kg	10/02/10	NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/02/10	NZ
rogates				Units	Control	Limit
Surr1 - Dibromofluoromethane	102			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	112			%	70 - 135	
Surr3 - Toluene-d8	100			%	70 - 135	
Surr4 - p-Bromofluorobenzene	99			%	70 - 135	

Result

DF

8270C PAH by GC/MS/SIM

Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Date/Analyst

Units

DLR

ASSOCIATED LABORATORIES

Client: Albus-Keefe & Associates, Inc. Client Sample ID: TP-9@3'

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Ругепе	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	76			%	30 - 115
Sur4 - Nitrobenzene-d5	81			%	23 - 120
Sur6 - Terphenyl-d14	83			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte	Result	DF	DLR	Units	Date/An	alyst
ICP CAM Metals Only (W/S/W)						
Antimony	ND]	3.0	mg/Kg	10/04/10	KN
Arsenic	4.01	1	1.0	mg/Kg	10/04/10	KN
Barium	71.0	1	1.0	mg/Kg	10/04/10	KN
Beryllium	ND	1	0.5	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/04/10	KN
Chromium	19.8	1	1.0	mg/Kg	10/04/10	KN
Cobalt	5.50	- 1	-0.5-	-mg/Kg	10/04/10	KN
Copper	7.07	1	1.0	mg/Kg	10/04/10	KN
Lead	3.21	1	0.5	mg/Kg	10/04/10	KN
Molybdenum	ND	1	1.0	mg/Kg	10/04/10	KN
Nickel	25.9	1	1.5	mg/Kg	10/04/10	KN
Selenium	ND	1	1.0	mg/Kg	10/04/10	KN
Silver	ND	1	0.5	mg/Kg	10/04/10	KN
Thallium	ND	1	1.0	mg/Kg	10/04/10	KN
Vanadium	18.5	1	0.5	mg/Kg	10/04/10	KN
Zinc	24.2	1	5.0	mg/Kg	10/04/10	KN
Mercury in Solid/Wipe Mercury	ND	1	0.14	mg/Kg	10/01/10	ME
<u>Carbon Chain I</u>						
C06 - C10	ND	1	3	mg/Kg	10/06/10	AF
C10 - C22	ND	1	3	mg/Kg	10/06/10	AF
C22 - C36	ND	1	5	mg/Kg	10/06/10	AF
ogates				Units	Control	Lim
ogates						

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/02/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-10@4'

Order #: 1114463 Matrix: SOLID Date Sampled: 09/29/2010 Time Sampled: 10:35 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
Volatile Organic Compounds					
1,1-Dichloroethane	ND	1	5	ug/Kg	10/02/10 NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	10/02/10 NZ
1,1-Dichloropropene	ND	. 1	5	ug/Kg	10/02/10 NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10 NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/02/10 NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10 NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10 NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/02/10 NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	10/02/10 NZ
1,2-Dichlorobenzene	ND ND	1	5	ug/Kg	10/02/10 NZ
1,2-Dichloroethane	ND ND	1	5	ug/Kg	10/02/10 NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10 NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10 NZ
1,3-Dichlorobenzene	ND ND	1	5	ug/Kg	10/02/10 NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	10/02/10 NZ
1,4-Dichlorobenzene	ND ND	1	5	ug/Kg	10/02/10 NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10 NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	10/02/10 NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/02/10 NZ
2-Chlorotoluene	ND	1	5	ug/Kg	10/02/10 NZ
4-Chlorotoluene	ND ND	1	5	ug/Kg	10/02/10 NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/02/10 NZ
Acetone	ND	1	50	ug/Kg	10/02/10 NZ
Allyl chloride	ND	1	5	ug/Kg	10/02/10 NZ
Benzene	ND	1	5	ug/Kg	10/02/10 NZ
Bromobenzene	ND	1	5	ug/Kg	10/02/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	10/02/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	10/02/10 NZ
Bromoform	ND	1	5	ug/Kg	10/02/10 NZ
Bromomethane	ND	1	5	ug/Kg	10/02/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	10/02/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	10/02/10 NZ
Chloroethane	ND	1	5	ug/Kg	10/02/10 NZ
Chloroform	ND	1	5	ug/Kg	10/02/10 NZ
Chloromethane	ND	1	5	ug/Kg	10/02/10 NZ
cis-1,2-Dichloroethene	ND ND	1	5	ug/Kg	10/02/10 NZ
cis-1,3-Dichloropropene	ND ND]	5	ug/Kg	10/02/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10 NZ
Dibromochloromethane	ND ND	1	5	ug/Kg	10/02/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-10@4'

Dibromomethane	ND	1	5	ug/Kg	10/02/10	NZ
Dichlorodifluoromethane	ND	1	5 -	ug/Kg	10/02/10	NZ
Ethyl benzene	ND	1	5	ug/Kg	10/02/10	NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/02/10	NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/02/10	NZ
m and p-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/02/10	NZ
Methylene chloride	ND	1	5	ug/Kg	10/02/10	NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Naphthalene	ND	1	5	ug/Kg	10/02/10	NZ
o-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/02/10	NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Styrene	ND	1	5	ug/Kg	10/02/10	NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Toluene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10	NZ
Trichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
Vinyl chloride	ND	1	5	ug/Kg	10/02/10	NZ
Xylenes, total	ND	1	5	ug/Kg	10/02/10	NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/02/10	NZ
urrogates				Units	Control	Limi
Surr1 - Dibromofluoromethane	105			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	110			%	70 - 135	
Surr3 - Toluene-d8	97			%	70 - 135	
Surr4 - p-Bromofluorobenzene	100			%	70 - 135	

Result

DF

DLR

Units

8270C PAH by GC/MS/SIM

Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Date/Analyst

ASSOCIATED LABORATORIES

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-10@4'

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Pyrene	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	78			%	30 - 115
Sur4 - Nitrobenzene-d5	76			%	23 - 120
Sur6 - Terphenyl-d14	97			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte	Result	DF	DLR	Units	Date/Analyst

6010B ICP CAM Metals Only (W/S/W)

Antimony	ND	1	3.0	mg/Kg	10/04/10	KN
Arsenic	2.56	1	1.0	mg/Kg	10/04/10	KN
Barium	52.2	1	1.0	mg/Kg	10/04/10	KN
Beryllium	ND	1	0.5	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/04/10	KN
Chromium	17.9	1	1.0	mg/Kg	10/04/10	KN
Cobalt	 3.55	1	0.5	mg/Kg-	10/04/10	KN
Copper	5.02	1	1.0	mg/Kg	10/04/10	K١
Lead	 2.43	1	0.5	mg/Kg	10/04/10	KN
Molybdenum	ND	1	1.0	mg/Kg	10/04/10	K٢
Nickel	15.9	1	1.5	mg/Kg	10/04/10	K٢
Selenium	ND	1	1.0	mg/Kg	10/04/10	KN
Silver	ND	1	0.5	mg/Kg	10/04/10	KN
Thallium	ND	1	1.0	mg/Kg	10/04/10	K١
Vanadium	15.6	1	0.5	mg/Kg	10/04/10	K١
Zinc	19.6	1	5.0	mg/Kg	10/04/10	KN

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	66			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	ND	1	5	mg/Kg	10/06/10	AF
C10 - C22	ND	1	3	mg/Kg	10/06/10	AF
C06 - C10	ND	1	3	mg/Kg	10/06/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/02/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #:	1114464
Matrix: SC	LID
Date Samp	led: 09/29/2010
Time Samp	oled: 10:45
Sampled B	y:

Analyte

Client: Albus-Keefe & Associates, Inc. Client Sample ID: TP-11@4'

Result

DF

DLR

Units

						<u> </u>
8260B Volatile Organic Compounds						
1,1-Dichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	10/02/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/02/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	10/02/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	10/02/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/02/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	10/02/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	10/02/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/02/10	NZ
Acetone	ND	1	50	ug/Kg	10/02/10	NZ
Allyl chloride	ND	1	5	ug/Kg	10/02/10	NZ
Benzene	ND	1	5	ug/Kg	10/02/10	NZ
Bromobenzene	ND	1	5	ug/Kg	10/02/10	NZ
Bromochloromethane	ND	1	5	ug/Kg	10/02/10	NZ
Bromodichloromethane	ND	1	5	ug/Kg	10/02/10	NZ
Bromoform	ND	1	5	ug/Kg	10/02/10	NZ
Bromomethane	ND	1	5	ug/Kg	10/02/10	NZ
Carbon tetrachloride	ND	1	5	ug/Kg	10/02/10	NZ
Chlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
Chloroethane	ND	1	5	ug/Kg	10/02/10	NZ
Chloroform	ND	1	5	ug/Kg	10/02/10	NZ
Chloromethane	ND	1	5	ug/Kg	10/02/10	NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10	NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10	NZ
Dibromochloromethane	ND	1	5	ug/Kg	10/02/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Date/Analyst

ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-11@4'

8260B Volatile Organic Compounds Dibromomethane ND 1 5 ug/Kg 10/02/10 NZ Dichlorodifluoromethane ND 1 5 ug/Kg 10/02/10 NZ 10/02/10 Ethyl benzene ND 1 5 ug/Kg NZ Hexachlorobutadiene ND 1 5 ug/Kg 10/02/10 NZ Isopropylbenzene (Cumene) ND 1 5 ug/Kg 10/02/10 NZ m and p-Xylene ND 1 5 10/02/10 NZ ug/Kg Methyl-tert-butylether (MTBE) ND 1 5 10/02/10 ug/Kg NZ 1 5 Methylene chloride ND ug/Kg NZ 10/02/10 n-Butylbenzene ND 1 5 ug/Kg 10/02/10 NZ n-Propylbenzene 1 5 ug/Kg ND 10/02/10 NZ 1 Naphthalene ND 5 ug/Kg 10/02/10 NZ o-Xylene ND 1 5 NZ ug/Kg 10/02/10 p-Isopropyltoluene 1 5 ND ug/Kg 10/02/10 NZ sec-Butylbenzene ND 1 5 ug/Kg 10/02/10 NZ Styrene ND 1 5 NZ ug/Kg 10/02/10 tert-Butylbenzene ND 1 5 ug/Kg 10/02/10 NZ Tetrachloroethene 1 ND 5 ug/Kg NZ 10/02/10 Toluene ND 1 5 10/02/10 NZ ug/Kg trans-1,2-Dichloroethene ND 1 5 ug/Kg 10/02/10 NZ 1 trans-1,3-Dichloropropene ND 5 NZ ug/Kg 10/02/10 trans-1,4-Dichloro-2-butene ND 1 5 ug/Kg 10/02/10 NZ Trichloroethene ND 1 5 10/02/10 NZ ug/Kg Trichlorofluoromethane ND 1 5 ug/Kg 10/02/10 NZ Vinyl chloride ND 1 5 ug/Kg 10/02/10 NZ Xylenes, total ND 1 5 10/02/10 NZ ug/Kg Di-isopropyl ether (DIPE) ND 1 2.0 ug/Kg NZ 10/02/10 Ethyl-tertbutylether (ETBE) ND 1 2.0 ug/Kg 10/02/10 NZ Tert-amylmethylether (TAME) ND 1 2.0 ug/Kg 10/02/10 NZ Tertiary butyl alcohol (TBA) ND 1 10 ug/Kg 10/02/10 NZ Surrogates Units **Control Limits** Surr1 - Dibromofluoromethane 108 % 70 - 135 Surr2 - 1,2-Dichloroethane-d4 118 % 70 - 135 Surr3 - Toluene-d8 98 % 70 - 135

Result

DF

DLR

Units

Date/Analyst

8270C PAH by GC/MS/SIM

Surr4 - p-Bromofluorobenzene

Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

103

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



70 - 135

%

ASSOCIATED LABORATORIES Analytical Results Report

Client:	Albus-Kee	efe & Associates,	Inc.
Client S	ample ID:	TP-11@4'	

Analyte	Result	DF	DLR	DLR Units Date/Ana	
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Pyrene	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	80			%	30 - 115
Sur4 - Nitrobenzene-d5	79			%	23 - 120
Sur6 - Terphenyl-d14	95			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-12@3 1/2'

Analyte

Sampled By:

Res	ult	DF	DLR	Units	Date/Analyst

6010B ICP CAM Metals Only (W/S/W)

Antimony	ND	1	3.0	mg/Kg	10/04/10	KN
Arsenic	2.46	1	1.0	mg/Kg	10/04/10	KN
Barium	57.3	1	1.0	mg/Kg	10/04/10	KN
Beryllium	ND	1	0.5	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/04/10	KN
Chromium	19.4	1	1.0	mg/Kg	10/04/10	KN
Cobalt	8.91	1	-0 . 5-	—mg/K·g	10/04/10	KN
Copper	5.50	1	1.0	mg/Kg	10/04/10	KN
Lead	3.21		0.5	mg/Kg	10/04/10	KN
Molybdenum	ND	1	1.0	mg/Kg	10/04/10	KN
Nickel	19.5	1	1.5	mg/Kg	10/04/10	KN
Selenium	ND	1	1.0	mg/Kg	10/04/10	KN
Silver	ND	1	0.5	mg/Kg	10/04/10	KN
Thallium	ND	1	1.0	mg/Kg	10/04/10	KN
Vanadium	17.2	1	0.5	mg/Kg	10/04/10	KN
Zinc	21.0	1	5.0	mg/Kg	10/04/10	KŊ
	•	•••••				

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	61			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	ND	1	5	mg/Kg	10/06/10	AF
C10 - C22	ND]	3	mg/Kg	10/06/10	AF
C06 - C10	ND	1	3	mg/Kg	10/06/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/02/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-12@3 1/2'

1,1-Dichloroethane	ND	1	5	ug/Kg	10/02/10	N
1,1-Dichloroethene	ND	1	5	ug/Kg	10/02/10	N
1,1-Dichloropropene	ND	1	5	ug/Kg	10/02/10	N
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10	N
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/02/10	N
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10	N
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10	ľ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/02/10	N
1,2-Dibromoethane	ND	1	5	ug/Kg	10/02/10	Ì
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	1
1,2-Dichloroethane	ND	1	5	ug/Kg	10/02/10	1
1,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10	1
1,3,5-Trimethylbenzene	ND	1	5.	ug/Kg	10/02/10	1
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	1
1,3-Dichloropropane	ND	1	5	ug/Kg	10/02/10	1
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	1
2,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10	1
2-Butanone (MEK)	ND	1	100	ug/Kg	10/02/10]
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/02/10	1
2-Chlorotoluene	ND	1	5	ug/Kg	10/02/10	1
4-Chlorotoluene	ND	1	5	ug/Kg	10/02/10	1
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/02/10	1
Acetone	ND	1	50	ug/Kg	10/02/10	1
Allyl chloride	ND]	5	ug/Kg	10/02/10]
Benzene	ND	1	5	ug/Kg	10/02/10]
Bromobenzene	ND	1	5	ug/Kg	10/02/10]
Bromochloromethane	ND	1	5	ug/Kg	10/02/10]
Bromodichloromethane	ND	1	5	ug/Kg	10/02/10]
Bromoform	ND	1	5	ug/Kg	10/02/10]
Bromomethane	ND	1	5	ug/Kg	10/02/10	l
Carbon tetrachloride	ND	1	5	ug/Kg	10/02/10]
Chlorobenzene	ND	1	5	ug/Kg	10/02/10]
Chloroethane	ND	1	5	ug/Kg	10/02/10	1
Chloroform	ND	1	5	ug/Kg	10/02/10]
Chloromethane	ND	1	5	ug/Kg	10/02/10]
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10]
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10]
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10]
Dibromochloromethane	ND	1	5	ug/Kg	10/02/10]

Result

DF

Units

DLR

Date/Analyst

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

A

ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-12@3 1/2'

Dibromomethane	ND	1	5	ug/Kg	10/02/10	NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
Ethyl benzene	ND	1	5	ug/Kg	10/02/10	NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/02/10	NZ
Isopropylbenzene (Cumene)	ND ND	1	5	ug/Kg	10/02/10	NZ
m and p-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/02/10	NZ
Methylene chloride	ND	1	5	ug/Kg	10/02/10	NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Naphthalene	ND	1	5	ug/Kg	10/02/10	NZ
o-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/02/10	NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Styrene	ND	1	5	ug/Kg	10/02/10	NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Toluene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10	NZ
Trichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
Vinyl chloride	ND]	5	ug/Kg	10/02/10	NZ
Xylenes, total	ND	1	5	ug/Kg	10/02/10	NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/02/10	NZ
ogates				Units	Control	Lim
Surr1 - Dibromofluoromethane	106			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	109			%	70 - 135	
Surr3 - Toluene-d8	100			%	70 - 135	
Surr4 - p-Bromofluorobenzene	109			%	70 - 135	

Result

DF

DLR

8270C PAH by GC/MS/SIM

Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Units Date/Analyst

ASSOCIATED LABORATORIES Analytical Results Report

Order #:	1114465
Matrix: SO	LID
Date Samp	led: 09/29/2010
Time Samp	oled: 10:55
Sampled B	y:

Client: Albus-Keefe & Associates, Inc. Client Sample ID: TP-12@3 1/2'

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Pyrene	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	88			%	30 - 115
Sur4 - Nitrobenzene-d5	82			%	23 - 120
Sur6 - Terphenyl-d14	92			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client:	Albus-Kee	efe & Associates,	Inc.
Client S	ample ID:	TP-13@4'	

Analyte	Result	DF	DLR	Units	Date/Analyst	
10B ICP CAM Metals Only (W/S/W)						

6010B ICP CAM Metals Only (W/S/W)

Antimony	ND	1	3.0	mg/Kg	10/04/10	KN
Arsenic	4.68	1	1.0	mg/Kg	10/04/10	KN
Barium	86.0	1	1.0	mg/Kg	10/04/10	KN
Beryllium	0.551	1	0.5	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/04/10	KN
Chromium	27.1	1	1.0	mg/Kg	10/04/10	KN
Cobalt	5.07	1	-0.5	mg/Kg	10/04/10	KN
Copper	9.24	1	1.0	mg/Kg	10/04/10	KN
Lead	4.74	. 1	0.5	mg/Kg	10/04/10	KN
Molybdenum	1.09	1	1.0	mg/Kg	10/04/10	KN
Nickel	23.8	1	1.5	mg/Kg	10/04/10	KN
Selenium	ND	1	1.0	mg/Kg	10/04/10	KN
Silver	ND	1	0.5	mg/Kg	10/04/10	KN
Thallium	ND	1	1.0	mg/Kg	10/04/10	KN
Vanadium	26.5	1	0.5	mg/Kg	10/04/10	KN
Zinc	35.4	1	5.0	mg/Kg	10/04/10	KN

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

	Triacontane (Sur)]	62			%	60 - 140	
Surro	ogates					Units	Control	Limits
	C22 - C36		ND	1	5	mg/Kg	10/06/10	AF
	C10 - C22		ND	1	3	mg/Kg	10/06/10	AF
	C06 - C10		ND	1	3	mg/Kg	10/06/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichloroethane	ND ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/02/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-13@4'

Result

DF

1,1-Dichloroethane	ND	1	5	ug/Kg	10/02/10	<u> </u>
1,1-Dichloroethene	ND]	5	ug/Kg	10/02/10]
1,1-Dichloropropene	ND	1	5	ug/Kg	10/02/10]
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10]
1,2,3-Trichloropropane	ND]	5	ug/Kg	10/02/10	1
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10	-
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10	
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/02/10	-
1,2-Dibromoethane	ND	1	5	ug/Kg	10/02/10	
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	
1,2-Dichloroethane	ND	1	5	ug/Kg	10/02/10	
1,2-Dichloropropane	ND]	5	ug/Kg	10/02/10	
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10	
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	
1,3-Dichloropropane	ND	1	5	ug/Kg	10/02/10	
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	
2,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10	
2-Butanone (MEK)	ND	1	100	ug/Kg	10/02/10	
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/02/10	
2-Chlorotoluene	ND	1	5	ug/Kg	10/02/10	v
4-Chlorotoluene	ND	1	5	ug/Kg	10/02/10	
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/02/10	
Acetone	ND	1	50	ug/Kg	10/02/10	
Allyl chloride	ND	1	5	ug/Kg	10/02/10	
Benzene	ND	1	5	ug/Kg	10/02/10	
Bromobenzene	ND	1	5	ug/Kg	10/02/10	
Bromochloromethane	ND	1	5	ug/Kg	10/02/10	
Bromodichloromethane	ND	1	5	ug/Kg	10/02/10	
Bromoform	ND	1	5	ug/Kg	10/02/10	
Bromomethane	ND	1	5	ug/Kg	10/02/10	
Carbon tetrachloride	ND	1	5	ug/Kg	10/02/10	
Chlorobenzene	ND	1	5	ug/Kg	10/02/10	
Chloroethane	ND	1	5	ug/Kg	10/02/10	
Chloroform	ND	1	5	ug/Kg	10/02/10	
Chloromethane	ND	1	5	ug/Kg	10/02/10	
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10	
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10	
Dibromochloromethane	ND	1	5	ug/Kg	10/02/10	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Date/Analyst

DLR Units

ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-13@4'

Dibromomethane	ND	1	5	ug/Kg	10/02/10	NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
Ethyl benzene	ND	1	5	ug/Kg	10/02/10	NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/02/10	NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/02/10	NZ
m and p-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/02/10	NZ
Methylene chloride	ND	1	5	ug/Kg	10/02/10	NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Naphthalene	ND	1	5	ug/Kg	10/02/10	NZ
o-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/02/10	NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Styrene	ND	1	5	ug/Kg	10/02/10	NZ
tert-Butylbenzene	ND]	5	ug/Kg	10/02/10	NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Toluene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10	NZ
Trichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
Vinyl chloride	ND	1	5	ug/Kg	10/02/10	NZ
Xylenes, total	ND	1	5	ug/Kg	10/02/10	NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/02/10	NZ
rogates				Units	Control	Limi
Surr1 - Dibromofluoromethane	105			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	117			%	70 - 135	
Surr3 - Toluene-d8	100			%	70 - 135	
Surr4 - p-Bromofluorobenzene	104	-		%	70 - 135	

Result

DF

DLR

8270C PAH by GC/MS/SIM

Acenaphthene ND 1 1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Units Date/Analyst

ASSOCIATED LABORATORIES

Client:	Albus-Kee	fe &	Associates,	Inc.
Client Sa	mple ID:	TP-13	3@4'	

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND]	10	ug/Kg	10/11/10 SD
Pyrene	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	77			%	30 - 115
Sur4 - Nitrobenzene-d5	80			%	23 - 120
Sur6 - Terphenyl-d14	100			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte	Result	DF	DLR	Units	Date/Analyst	

6010B ICP CAM Metals Only (W/S/W)

Antimony	ND	1	3.0	mg/Kg	10/04/10	KN
Arsenic	5.32	1	1.0	mg/Kg	10/04/10	KN
Barium	49.9	1	1.0	mg/Kg	10/04/10	KN
Beryllium	0.532	1	0.5	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/04/10	KN
Chromium	24.3	1	1.0	mg/Kg	10/04/10	KN
Cobalt	6.06	1	0.5	mg/Kg	10/04/10	K١
Copper	6.23	1	1.0	mg/Kg	10/04/10	K١
Lead	4.84		0.5	mg/Kg	10/04/10	K١
Molybdenum	ND	1	1.0	mg/Kg	10/04/10	KN
Nickel	24.6	1	1.5	mg/Kg	10/04/10	K١
Selenium	ND	1	1.0	mg/Kg	10/04/10	K١
Silver	ND	1	0.5	mg/Kg	10/04/10	K٢
Thallium	ND	1	1.0	mg/Kg	10/04/10	K١
Vanadium	27.9	1	0.5	mg/Kg	10/04/10	K١
Zinc	25.0	1	5.0	mg/Kg	10/04/10	K١

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	131			%	60 - 140
Surrogates				Units	Control Limits
C22 - C36	ND	1	5	mg/Kg	10/06/10 AF
C10 - C22	ND	1	3	mg/Kg	10/06/10 AF
C06 - C10	ND	1	3	mg/Kg	10/06/10 AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/02/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

57	Client: Albus-Keefe & Associates, Inc.
	Client Sample ID: TP-14@2 1/2'
0010	

Analyte	Result	DF	DLR	Units	Date/An	alyst
60B Volatile Organic Compounds						
1,1-Dichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	10/02/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/02/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dichloropropane	ND ND	1	5	ug/Kg	10/02/10	NZ
1,3,5-Trimethylbenzene	ND ND	1	5	ug/Kg	10/02/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	10/02/10	NZ
1,4-Dichlorobenzene	ND]	5	ug/Kg	10/02/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	10/02/10	NZ
2-Chloroethyl vinyl ether	ND ND	1	5	ug/Kg	10/02/10	NZ
2-Chlorotoluene	ND ND	1	5	ug/Kg	10/02/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	10/02/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/02/10	NZ
Acetone	ND]	50	ug/Kg	10/02/10	NZ
Allyl chloride	ND	1	5	ug/Kg	10/02/10	NZ
Benzene	ND	1	5	ug/Kg	10/02/10	NZ
Bromobenzene	ND	1	5	ug/Kg	10/02/10	NZ
Bromochloromethane	ND	1	5	ug/Kg	10/02/10	NZ
Bromodichloromethane	ND	1	5	ug/Kg	10/02/10	NZ
Bromoform	ND	1	5	ug/Kg	10/02/10	NZ
Bromomethane	ND	1	5	ug/Kg	10/02/10	NZ
Carbon tetrachloride	ND	1	5	ug/Kg	10/02/10	NZ
Chlorobenzene	ND ND	1	5	ug/Kg	10/02/10	NZ
Chloroethane	ND	1	5	ug/Kg	10/02/10	NZ
Chloroform	ND	1	5	ug/Kg	10/02/10	NZ
Chloromethane	ND	1	5	ug/Kg	10/02/10	NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
cis-1,3-Dichloropropene	ND ND	1	5	ug/Kg	10/02/10	NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10	NZ
Dibromochloromethane	ND ND	1	5	ug/Kg	10/02/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #:	1114467
Matrix: SC	LID
Date Samp	led: 09/29/2010
Time Samp	oled: 11:25
Sampled B	y:

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-14@2 1/2'

Dibromomethane	ND	1	5	ug/Kg	10/02/10	NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
Ethyl benzene	ND	1	5	ug/Kg	10/02/10	NZ
Hexachlorobutadiene	ND ND	1	5	ug/Kg	10/02/10	NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/02/10	NZ
m and p-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/02/10	NZ
Methylene chloride	ND	1	5	ug/Kg	10/02/10	NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Naphthalene	ND	1	5	ug/Kg	10/02/10	NZ
o-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/02/10	NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Styrene	ND	1	5	ug/Kg	10/02/10	NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Toluene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10	NZ
Trichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
Vinyl chloride	ND	1	5	ug/Kg	10/02/10	NZ
Xylenes, total	ND	1	5	ug/Kg	10/02/10	NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/02/10	NZ
rogates				Units	Control	Limit
Surr1 - Dibromofluoromethane	108	*******		%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	114			%	70 - 135	
Surr3 - Toluene-d8	100			%	70 - 135	
Surr4 - p-Bromofluorobenzene	101			%	70 - 135	

Result

DF

DLR

Units Date/Analyst

8270C PAH by GC/MS/SIM

Acenaphthene	ND ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Albus-Keefe & Associates, Inc. Client Sample ID: TP-14@2 1/2'

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Pyrene	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limits
Sur2 - 2-Fluorobiphenyl	78			%	30 - 115
Sur4 - Nitrobenzene-d5	78			%	23 - 120
Sur6 - Terphenyl-d14	80			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte

Result	DF	DLR	Units	Date/Analyst	
					_

6010B ICP CAM Metals Only (W/S/W)

Antimony	ND	1	3.0	mg/Kg	10/04/10	KN
Arsenic	5.98	1	1.0	mg/Kg	10/04/10	KN
Barium	117	1	1.0	mg/Kg	10/04/10	KN
Beryllium	0.802	1	0.5	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/04/10	KN
Chromium	26.2	1	1.0	mg/Kg	10/04/10	KN
Cobalt	1-3-2	1	0.5	mg/Kg	10/04/10	KN
Copper	12.1	1	1.0	mg/Kg	10/04/10	KN
Lead	6.06	1	0.5	mg/Kg	10/04/10	KN
Molybdenum	ND	1	1.0	mg/Kg	10/04/10	KN
Nickel	31.7	1	1.5	mg/Kg	10/04/10	KN
Selenium	ND	1	1.0	mg/Kg	10/04/10	KN
Silver	ND	1	0.5	mg/Kg	10/04/10	KN
Thallium	ND	1	1.0	mg/Kg	10/04/10	KN
Vanadium	25.5]	0.5	mg/Kg	10/04/10	KN
Zinc	39.3	1	5.0	mg/Kg	10/04/10	KN

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	75			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	ND	1	5	mg/Kg	10/06/10	AF
C10 - C22	ND	1	3	mg/Kg	10/06/10	AF
C06 - C10	ND	1	3	mg/Kg	10/06/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/02/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-15@4'

Result

DF

DLR

Units

1,1-Dichloroethane	ND	1	5	ug/Kg	10/02/10	N
1,1-Dichloroethene	ND	1	5	ug/Kg	10/02/10	N
1,1-Dichloropropene	ND	1	5	ug/Kg	10/02/10	N
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10	N
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/02/10	N
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10	ľ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10	ľ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/02/10	1
1,2-Dibromoethane	ND	1	5	ug/Kg	10/02/10	1
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	1
1,2-Dichloroethane	ND	1	5	ug/Kg	10/02/10	1
1,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10	1
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10	1
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	1
1,3-Dichloropropane	ND	1	5	ug/Kg	10/02/10	1
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	ſ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10	1
2-Butanone (MEK)	ND	1	100	ug/Kg	10/02/10	1
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/02/10	ſ
2-Chlorotoluene	ND	1	5	ug/Kg	10/02/10	1
4-Chlorotoluene	ND	1	5	ug/Kg	10/02/10	1
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/02/10	ſ
Acetone	ND	1	50	ug/Kg	10/02/10	1
Allyl chloride	ND	1	5	ug/Kg	10/02/10	ו
Benzene	ND	1	5	ug/Kg	10/02/10	1
Bromobenzene	ND	1	5	ug/Kg	10/02/10]
Bromochloromethane	ND	1	5	ug/Kg	10/02/10]
Bromodichloromethane	ND	1	5	ug/Kg	10/02/10	ſ
Bromoform	ND	1	5	ug/Kg	10/02/10	ſ
Bromomethane	ND	1	5	ug/Kg	10/02/10	1
Carbon tetrachloride	ND	1	5	ug/Kg	10/02/10	1
Chlorobenzene	ND	1	5	ug/Kg	10/02/10	1
Chloroethane	ND	1	5	ug/Kg	10/02/10	1
Chloroform	ND	1	5	ug/Kg	10/02/10	1
Chloromethane	ND	1	5	ug/Kg	10/02/10	1
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	1
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10	1
cis-1,4-Dichloro-2-butene	ND]	5	ug/Kg	10/02/10	ſ
Dibromochloromethane	ND	1	5	ug/Kg	10/02/10	1

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Date/Analyst

ASSOCIATED LABORATORIES

Analyte

8260B Volatile Organic Compounds

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-15@4'

	Dibromomethane	ND	1	5	ug/Kg	10/02/10	NZ
	Dichlorodifluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
	Ethyl benzene	ND	1	5	ug/Kg	10/02/10	NZ
	Hexachlorobutadiene	ND	1	5	ug/Kg	10/02/10	NZ
-	Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/02/10	NZ
	m and p-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
	Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/02/10	NZ
	Methylene chloride	ND	1	5	ug/Kg	10/02/10	NZ
_	n-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
	n-Propylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
_	Naphthalene	ND	1	5	ug/Kg	10/02/10	NZ
	o-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
-	p-Isopropyltoluene	ND	1	5	ug/Kg	10/02/10	NZ
-	sec-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
-	Styrene	ND	1	5	ug/Kg	10/02/10	NZ
_	tert-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
	Tetrachloroethene	ND	1	5	ug/Kg	10/02/10	NZ
	Toluene	ND	1	5	ug/Kg	10/02/10	NZ
-	trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
	trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10	NZ
	trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10	NZ
	Trichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
-	Trichlorofluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
	Vinyl chloride	ND	1	5	ug/Kg	10/02/10	NZ
	Xylenes, total	ND	1	5	ug/Kg	10/02/10	NZ
_	Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/02/10	NZ
	Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/02/10	NZ
	Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/02/10	NZ
	Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/02/10	NZ
Surr	ogates				Units	Control	Limits
-	Surr1 - Dibromofluoromethane	103			%	70 - 135	
	Surr2 - 1,2-Dichloroethane-d4	113			%	70 - 135	
	Surr3 - Toluene-d8	98			%	70 - 135	
-	Surr4 - p-Bromofluorobenzene	100			%	70 - 135	

Result

DF

8270C PAH by GC/MS/SIM

		1	10	walka	10/11/10	CD
A cenanthene	I NDI		10	ng/Kg	10/11/10	SD
Acchaphancic	1.0		10			
Асспаритисис			10			

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Units

DLR

Date/Analyst

ASSOCIATED LABORATORIES

Sur6 - Terphenyl-d14	96	%	18 - 13

Analyte

OC PAH by GC/MS/SIM						
Acenaphthylene	ND	1	10	ug/Kg	10/11/10	SD
Anthracene	ND]	10	ug/Kg	10/11/10	SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10	SD
Benzo(a)pyrene	ND ND	1	10	ug/Kg	10/11/10	SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10	SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10	SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10	SD
Chrysene	ND	1	10	ug/Kg	10/11/10	SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10	SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10	SD
Fluorene	ND	1	10	ug/Kg	10/11/10	SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10	SD
Naphthalene	ND	1	10	ug/Kg	10/11/10	SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10	SD
Pyrene	ND	1	10	ug/Kg	10/11/10	SD
rrogates				Units	Control	Limits
Sur2 - 2-Fluorobiphenyl	76			%	30 - 115	
Sur4 - Nitrobenzene-d5	77			%	23 - 120	
Sur6 - Terphenyl-d14	96			%	18 - 137	

Result

DF

DLR

Units

Date/Analyst

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Lab Request 262329 results, page 60 of 68

Analytical Results Report

Order #: 1114468 Matrix: SOLID Date Sampled: 09/29/2010 Time Sampled: 11:35 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst

6010B ICP CAM Metals Only (W/S/W)

Antimony	ND	1	3.0	mg/Kg	10/04/10	KN
Arsenic	6.50	1	1.0	mg/Kg	10/04/10	KN
Barium	48.3	1	1.0	mg/Kg	10/04/10	KN
Beryllium	ND	1	0.5	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.5	mg/Kg	10/04/10	KN
Chromium	22.1	1	1.0	mg/Kg	10/04/10	KN
Cobalt	4.23	1	0.5	mg/Kg	10/04/10	KN
Copper	7.62	1	1.0	mg/Kg	10/04/10	KN
Lead	4.89	1	0.5	mg/Kg	10/04/10	KŊ
Molybdenum	2.03	1	1.0	mg/Kg	10/04/10	K١
Nickel	20.3	1	1.5	mg/Kg	10/04/10	KΝ
Selenium	ND	1	1.0	mg/Kg	10/04/10	K١
Silver	ND	1	0.5	mg/Kg	10/04/10	K١
Thallium	ND ND	1	1.0	mg/Kg	10/04/10	KN
Vanadium	22.7	1	0.5	mg/Kg	10/04/10	K١
Zinc	30.9	1	5.0	mg/Kg	10/04/10	K٢

7471A Mercury in Solid/Wipe

Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	113			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	188	2	10.0	mg/Kg	10/07/10	AF
C10 - C22	ND	2	6.0	mg/Kg	10/07/10	AF
C06 - C10	ND ND	2	6.0	mg/Kg	10/07/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/02/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-16@3'

Analyte	Nesuit			Unita	DaterAn	aiyot
60B Volatile Organic Compounds						
1,1-Dichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
1,1-Dichloropropene	ND ND	1	5	ug/Kg	10/02/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/02/10	NZ
1,2,4-Trichlorobenzene	ND ND	1	5	ug/Kg	10/02/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dibromo-3-chloropropane	ND ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	10/02/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
1,3-Dichlorobenzene	ND ND	1	5	ug/Kg	10/02/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	10/02/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/02/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	10/02/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	10/02/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/02/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	10/02/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	10/02/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	10/02/10	NZ
Acetone	ND ND	1	50	ug/Kg	10/02/10	NZ
Allyl chloride	ND	1	5	ug/Kg	10/02/10	NZ
Benzene	ND	1	5	ug/Kg	10/02/10	NZ
Bromobenzene	ND	1	5	ug/Kg	10/02/10	NZ
Bromochloromethane	ND	1	5	ug/Kg	10/02/10	NZ
Bromodichloromethane	ND	1	5	ug/Kg	10/02/10	NZ
Bromoform	ND	1	5	ug/Kg	10/02/10	NZ
Bromomethane	ND ND	1	5	ug/Kg	10/02/10	NZ
Carbon tetrachloride	ND	1	5	ug/Kg	10/02/10	NZ
Chlorobenzene	ND ND	1	5	ug/Kg	10/02/10	NZ
Chloroethane	ND	1	5	ug/Kg	10/02/10	NZ
Chloroform	ND	1	5	ug/Kg	10/02/10	NZ
Chloromethane	ND	1	5	ug/Kg	10/02/10	NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10	NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10	NZ
Dibromochloromethane	ND	1	5	ug/Kg	10/02/10	NZ

Result

DF

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



DLR Units Date/Analyst

ASSOCIATED LABORATORIES

Order #:	1114469					
Matrix: SOLID						
Date Samp	led: 09/29/2010					
Time Samp	oled: 11:50					
Sampled B	y:					

Analyte

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-16@3'

Dibromomethane	ND	1	5	ug/Kg	10/02/10	NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
Ethyl benzene	ND	1	5	ug/Kg	10/02/10	NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/02/10	NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/02/10	NZ
m and p-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/02/10	NZ
Methylene chloride	ND	1	5	ug/Kg	10/02/10	NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Naphthalene	ND	1	5	ug/Kg	10/02/10	NZ
o-Xylene	ND	1	5	ug/Kg	10/02/10	NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/02/10	NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Styrene	ND	1	5	ug/Kg	10/02/10	NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/02/10	NZ
Tetrachloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Toluene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/02/10	NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/02/10	NZ
Trichloroethene	ND	1	5	ug/Kg	10/02/10	NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/02/10	NZ
Vinyl chloride	ND	1	5	ug/Kg	10/02/10	NZ
Xylenes, total	ND	1	5	ug/Kg	10/02/10	NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/02/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/02/10	NZ
ogates				Units	Control	Lim
Surr1 - Dibromofluoromethane	104			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	107			%	70 - 135	
Surr3 - Toluene-d8	101			%	70 - 135	
Surr4 - p-Bromofluorobenzene	107			%	70 - 135	

Result

DF

DLR Units

8270C PAH by GC/MS/SIM

Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

4

Date/Analyst

ASSOCIATED LABORATORIES

Client: Albus-Keefe & Associates, Inc. **Client Sample ID:** TP-16@3'

Analyte	Result	DF	DLR	Units	Date/Analys
270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND]	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Pyrene	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	Control Limit
Sur2 - 2-Fluorobiphenyl	87			%	30 - 115
Sur4 - Nitrobenzene-d5	83			%	23 - 120
Sur6 - Terphenyl-d14	93			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte	Result	DF	DLR	Units	Date/Analyst	

6010B ICP CAM Metals Only (W/S/W)

Antimony	ND	1	3.00	mg/Kg	10/04/10	KN
Arsenic	ND	1	1.00	mg/Kg	10/04/10	KN
Barium	ND	1	1.00	mg/Kg	10/04/10	KN
Beryllium	ND	1	0.50	mg/Kg	10/04/10	KN
Cadmium	ND	1	0.50	mg/Kg	10/04/10	KN
Chromium	ND	1	1.00	mg/Kg	10/04/10	KN
Cobalt	ND	1	0.50	mg/Kg	10/04/10	KN
Copper	ND	1	1.00	mg/Kg	10/04/10	KN
Lead	ND	1	0.50	mg/Kg	10/04/10	KN
Molybdenum	ND	1	1.00	mg/Kg	10/04/10	KN
Nickel	ND	1	1.50	mg/Kg	10/04/10	KN
Selenium	ND	1	1.00	mg/Kg	10/04/10	KN
Silver	ND	1	0.50	mg/Kg	10/04/10	KN
Thallium	ND	1	1.00	mg/Kg	10/04/10	KN
Vanadium	ND	1	0.50	mg/Kg	10/04/10	KN
Zinc	ND	1	5.00	mg/Kg	10/04/10	KN

7471A Mercury in Solid/Wipe

			~			
Mercury	ND	1	0.14	mg/Kg	10/01/10	MDJ

8015B Carbon Chain I

Triacontane (Sur)	98			%	60 - 140	
Surrogates				Units	Control	Limits
C22 - C36	ND	1	5	mg/Kg	10/05/10	AF
C10 - C22	ND	1	. 3	mg/Kg	10/05/10	AF
C06 - C10	ND	1	3	mg/Kg	10/05/10	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/01/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/01/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyte

8260B Volatile Organic Compounds

Client: Albus-Kee	efe & Associates, Inc.
Client Sample ID:	Laboratory Method Blank

Result

DF

DLR

Units

Date/Analyst

1,1-Dichloroethane ND 1 5 ug/Kg 10/01/10 NZ 5 NZ ND 1 ug/Kg 10/01/10 1,1-Dichloroethene 5 ND 1 ug/Kg 10/01/10 NZ 1,1-Dichloropropene 1 5 10/01/10 NZ ND ug/Kg 1,2,3-Trichlorobenzene ND 1 5 ug/Kg 10/01/10 NZ 1,2,3-Trichloropropane ND 1 5 ug/Kg 10/01/10 NZ 1,2,4-Trichlorobenzene 1 5 10/01/10 NZ ND ug/Kg 1,2,4-Trimethylbenzene 1 5 ug/Kg 10/01/10 NZ ND 1,2-Dibromo-3-chloropropane 1 5 10/01/10 NZ ND ug/Kg 1,2-Dibromoethane 1 5 ug/Kg 10/01/10 NZ ND 1,2-Dichlorobenzene ND 1 5 ug/Kg 10/01/10 NZ 1,2-Dichloroethane 1 5 10/01/10 NZ ND ug/Kg 1,2-Dichloropropane 1 5 ug/Kg 10/01/10 NZ ND 1,3,5-Trimethylbenzene 1 5 10/01/10 NZ ND ug/Kg 1,3-Dichlorobenzene ND 1 5 ug/Kg 10/01/10 NZ 1,3-Dichloropropane 1,4-Dichlorobenzene ND 1 5 ug/Kg 10/01/10 NZ ug/Kg ND 1 5 10/01/10 NZ 2,2-Dichloropropane ND 1 100 10/01/10 NZ ug/Kg 2-Butanone (MEK) ND 1 5 ug/Kg 10/01/10 NZ 2-Chloroethyl vinyl ether 5 NZ ND 1 ug/Kg 10/01/10 2-Chlorotoluene NZ ND 1 5 ug/Kg 10/01/10 4-Chlorotoluene 1 5 10/01/10 NZ ND ug/Kg 4-Methyl -2- Pentanone (MIBK) NZ ND 1 50 ug/Kg 10/01/10 Acetone ND 1 5 ug/Kg 10/01/10 NZ Allyl chloride 1 10/01/10 5 ug/Kg NZ Benzene ND 10/01/10 NZ Bromobenzene ND 1 5 ug/Kg 5 10/01/10 NZ ND 1 ug/Kg Bromochloromethane 1 5 10/01/10 NZ ND ug/Kg Bromodichloromethane NZ Bromoform ND 1 5 ug/Kg 10/01/10 NZ ND 1 5 ug/Kg 10/01/10 Bromomethane 1 5 10/01/10 NZ Carbon tetrachloride ND ug/Kg ND 1 ug/Kg 10/01/10 NZ 5 Chlorobenzene ND 1 5 10/01/10 NZ ug/Kg Chloroethane ND 1 5 ug/Kg 10/01/10 NZ Chloroform 10/01/10 NZ Chloromethane ND 1 5 ug/Kg 1 10/01/10 NZ ND 5 ug/Kg cis-1,2-Dichloroethene 1 5 10/01/10 NZ ND ug/Kg cis-1,3-Dichloropropene 10/01/10 NZ ND 1 5 ug/Kg cis-1,4-Dichloro-2-butene 5 10/01/10 NZ ND 1 ug/Kg

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Dibromochloromethane

Analyte

Client:	Albus-Kee	efe & Associates, Inc.
Client Sa	mple ID:	Laboratory Method Blank

0B Volatile Organic Compounds					
Dibromomethane	ND	1	5	ug/Kg	10/01/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	10/01/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	10/01/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/01/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
Methyl-tert-butylether (MTBE)	ND	1.	5	ug/Kg	10/01/10 NZ
Methylene chloride	ND	1	5	ug/Kg	10/01/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Naphthalene	ND	1	5	ug/Kg	10/01/10 NZ
o-Xylene	ND	1	5	ug/Kg	10/01/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	10/01/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Styrene	ND	1	5	ug/Kg	10/01/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	10/01/10 NZ
Tetrachloroethene	ND]	5	ug/Kg	10/01/10 NZ
Toluene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/01/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/01/10 NZ
Trichloroethene	ND	1	5	ug/Kg	10/01/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	10/01/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	10/01/10 NZ
Xylenes, total	ND	1	5	ug/Kg	10/01/10 NZ
Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	10/01/10 NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	10/01/10 NZ
urrogates				Units	Control Limi
Surr1 - Dibromofluoromethane	101	,		%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	106			%	70 - 135
Surr3 - Toluene-d8	98			%	70 - 135
Surr4 - p-Bromofluorobenzene	97			%	70 - 135

Result

DF

DLR

Units

8270C PAH by GC/MS/SIM

			~~~~			
Acenaphthene	ND	1	10	ug/Kg	10/11/10	SD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Date/Analyst

ASSOCIATED LABORATORIES

Client: Albus-Kee	efe & Associates, Inc.
Client Sample ID:	Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
270C PAH by GC/MS/SIM					
Acenaphthylene	ND	1	10	ug/Kg	10/11/10 SD
Anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(a)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(b)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(ghi)perylene	ND	1	10	ug/Kg	10/11/10 SD
Benzo(k)fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Chrysene	ND	1	10	ug/Kg	10/11/10 SD
Dibenzo(a,h)anthracene	ND	1	10	ug/Kg	10/11/10 SD
Fluoranthene	ND	1	10	ug/Kg	10/11/10 SD
Fluorene	ND	1	10	ug/Kg	10/11/10 SD
Indeno(1,2,3-cd)pyrene	ND	1	10	ug/Kg	10/11/10 SD
Naphthalene	ND	1	10	ug/Kg	10/11/10 SD
Phenanthrene	ND	1	10	ug/Kg	10/11/10 SD
Pyrene	ND	1	10	ug/Kg	10/11/10 SD
Surrogates				Units	<b>Control Limits</b>
Sur2 - 2-Fluorobiphenyl	96			%	30 - 115
Sur4 - Nitrobenzene-d5	94			%	23 - 120
Sur6 - Terphenyl-d14	90			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



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