Mylotta, Pamela A - DNR

From: Bannantine, James [James.Bannantine@arcadis-us.com]
Sent: Monday, June 02, 2008 6:52 AM ← Received
To: Mylotta, Pamela A - DNR
Cc: Gallo, Don P; Gabardi, Dawn
Subject: Getz Vapor Sample BRRTS 02-41-271535 FID 241287200 ACTION: 43
COMMENT: SUBSLAB VAPOR RESULTS
Attachments: Vapor Results 04-08.pdf; 1495_001.pdf

Pam,

In accordance with your April 9, 2008 letter, we are providing this analytical data regarding the vapor sample collected from the passive vent at the former Beloit Road Valet Cleaners. The results show that no chlorinated VOCs were detected, with the exception of PCE at a concentration of 84 parts per billion by volume. We do not expect the low PCE concentration in the vent to be problematic, as vapors within this location have a pathway out of the building through the venting system. Our request for closure for this site will include operation of the passive vapor system as part of the engineering control for site closure.

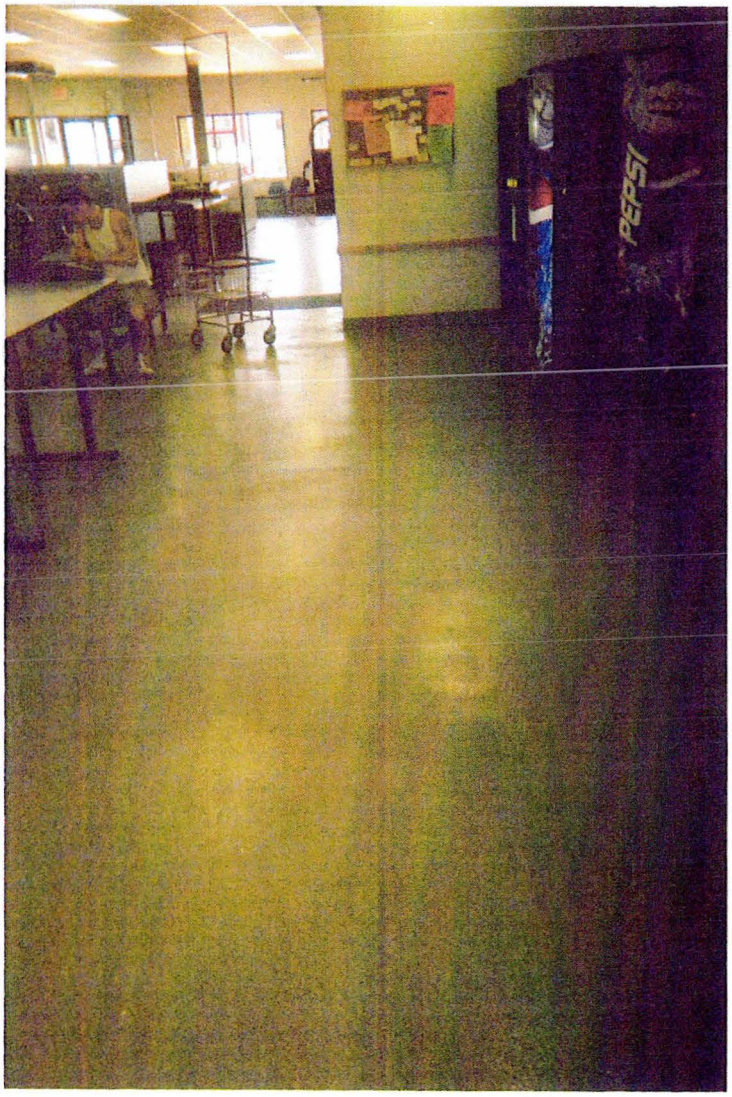
The floor within the building consists of a seamless polished concrete. Photographs are attached. The seated area sits over the northern excavation, and the floor area in the bottom photographs covers the southwestern excavation. There are no observable pathways for vapors to enter into this building.

We are providing this information to you prior to preparing a formal closure submittal, as you requested in your April 9, 2008 letter. However, our client is eager to close this project at the earliest possible opportunity. We appreciate your prompt review and response to this information.

Thanks,

Jim Bannantine
Senior Hydrogeologist
Project Manager
ARCADIS

ARCADIS U.S., Inc.
126 North Jefferson Street
Suite 400
Milwaukee, WI 53202
Tel 414-276-7742
Fax 414-276-7603
Cell 414-339-4798
Email james.bannantine@arcadis-us.com


PEPSI

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

LABORATORY REPORT

May 14, 2008

Dawn Gabardi
ARCADIS U.S., Inc.
126 N. Jefferson Street, Suite 400
Milwaukee, WI 53202

RE: Norman Getz Property / WI001027.0002

Dear Dawn:

Enclosed are the results of the sample submitted to our laboratory on April 29, 2008. For your reference, these analyses have been assigned our service request number P0801234.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein. Your report contains 7 pages.

Columbia Analytical Services, Inc. is certified by the California Department of Health Services, NELAP Laboratory Certificate No. 02115CA; Arizona Department of Health Services, Certificate No. AZ0694; Florida Department of Health, NELAP Certification E871020; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661; Department of the Navy (NFESC); Pennsylvania Registration No. 68-03307. Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact me for information corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

Kate Aguilera
Project Manager

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

Client: ARCADIS U.S., Inc. CAS Project No: P0801234
Project: Norman Getz Property / WI001027.0002

CASE NARRATIVE

The sample was received intact under chain of custody on April 29, 2008 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the sample at the time of sample receipt.

Volatile Organic Compound Analysis

The sample was analyzed for selected volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Client: ARCADIS U.S., Inc.
Project: Norman Getz Property WI001027.0002

Folder: P0801234

Detailed Sample Information

CAS Sample ID	Client Sample ID	Container Type	Pi1 (Hg)	Pi1 (psig)	Pf1	Pi2 (Hg)	Pi2 (psig)	Pf2	Cont ID	Order #	FC ID	Order #
P0801234-001.01	VS-1	1.0 L-Summa Canister Source	-0.8	-0.4	10.0				1SC00024	**8560**		

Miscellaneous Items - received

AVG00573

Air - Chain of Custody Record & Analytical Service Request

Columbia Analytical Services INC.
An Employee - Owned Company

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No. P080123A

Company Name & Address (Reporting Information)	ARCADIS 126 N. JEFFERSON ST. #400 MILWAUKEE WI 53202.
Project Name	NORMAN GETZ PROPERTY
Project Number	WI001027.0002
Project Manager	DAWN GABARDI
P.O. # / Billing Information	
Phone	(414)276-7742
Fax	(414)276-7603
Email Address for Result Reporting	
Sampler (Print & Sign)	TIMOTHY G. ALESSI

CAS Contact

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/ Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	VC, TCE, PCE, c-1,2-DCE QC FOR FULL LIST IF POSSIBLE				**Comments** e.g. Actual Preservative or specific instructions
VS-1	(1)	4/2/08	946	AIR	ISC00024	NA	1.0L	1				-0.8"

Report Tier Levels - please select
Tier I - (Results/Default if not specified) X
Tier II - (Results + QC) ____
Tier III - (Data Validation Package) 10% Surcharge ____
Tier V - (client specified) ____
EDD required (Yes) No
Type: ____ EDD Units: ____

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date: 4/2/08	Time: 1630	Received by: (Signature) FEDEX	Date:	Time:	
Relinquished by: (Signature) FEDEX	Date:	Time:	Received by: (Signature) Annie Kubista	Date: 4/3/08	Time: 0918	Cooler / Blank
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Temperature ____ °C

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: ARCADIS U.S., Inc. Work order: P0801234

Project: Norman Getz Property / WI001027.0002

Sample(s) received on: 4/29/08 Date opened: 4/29/08 by: LKUKITA

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Container(s) **supplied by CAS**?	☒	☐	☐
3	Did **sample containers** arrive in good condition?	☒	☐	☐
4	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
5	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
6	Was **sample volume** received adequate for analysis?	☒	☐	☐
7	Are samples within specified holding times?	☒	☐	☐
8	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature _____ °C Blank Temperature _____ °C			
9	Was a **trip blank** received?	☐	☐	☒
	Trip blank supplied by CAS: Serial # _____ -TB _____			
10	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
11	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
12	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
13	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P0801234-001.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers):

*Required pH: Phenols/COD/NH3/TOC/TOX/NO3+NO2/TKN/T.PHOS, H2SO4 (pH<2); Metals, HNO3 (pH<2); CN (NaOH or NaOH/Asc Acid) (pH>12); Diss. Sulfide, NaOH (pH>12); T. Sulfide, NaOH/ZnAc (pH>12) RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **VS-1**
Client Project ID: **Norman Getz Property / WI001027.0002**

CAS Project ID: P0801234
CAS Sample ID: P0801234-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13
Analyst: Rusty Bravo
Sampling Media: 1.0 L Summa Canister
Test Notes:
Container ID: 1SC00024

Date Collected: 4/23/08
Date Received: 4/29/08
Date Analyzed: 5/2/08
Volume(s) Analyzed: 0.20 Liter(s)

Initial Pressure (psig): -0.4 Final Pressure (psig): 10.0

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	ND	8.7	ND	3.4	
156-60-5	trans-1,2-Dichloroethene	ND	8.7	ND	2.2	
156-59-2	cis-1,2-Dichloroethene	ND	8.7	ND	2.2	
79-01-6	Trichloroethene	ND	8.7	ND	1.6	
127-18-4	**Tetrachloroethene**	**570**	8.7	**84**	1.3	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 5/13/08

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Norman Getz Property / WI001027.0002**

CAS Project ID: P0801234
CAS Sample ID: P080502-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13
Analyst: Rusty Bravo
Sampling Media: 1.0 L Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 5/2/08
Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	ND	1.0	ND	0.39	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ND	0.25	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ND	0.25	
79-01-6	Trichloroethene	ND	1.0	ND	0.19	
127-18-4	Tetrachloroethene	ND	1.0	ND	0.15	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 5/13/08