Advantage Environmental Consultants
8610 Washington Blvd. Suite 217
Jessup, MD 20794
(301) 776-0500 p
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Advantage Environmental Consultants, LLC

Letter of Transmittal

To: Ms. Jeannette DeBartolomeo

From: Jeff Stein

CC: Health Department/Resident

Date: January 14, 2014

Re: Royal Farms 72 – 2907 Churchville Road Monthly Sampling Results

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Comments:

Enclosed is a copy of the potable well treatment system analytical results from testing performed on January 9, 2014. All analytes are below detection limits on the effluent side of the treatment system. Please contact us if you have any questions.

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

Project: **2907 CHURCHVILLE RD**

Project Number: 05-056RF072

Project Manager: James Wolf

Report Issued: 01/14/14 12:11

Advantage Environmental Consultants, LLC
8610 Baltimore Washington Blvd, Suite 217
Jessup MD, 20794

CLIENT SAMPLE ID:		PW2907-EFF	PW2907-MID2	PW2907-MID1	PW2907-IN
LAB SAMPLE ID:		4010908-01	4010908-02	4010908-03	4010908-04
SAMPLE DATE:		01/09/14	01/09/14	01/09/14	01/09/14
RECEIVED DATE:		01/09/14	01/09/14	01/09/14	01/09/14
MATRIX	Units	Potable Water	Potable Water	Potable Water	Potable Water
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (Water)					
tert-Amyl alcohol (TAA)	ug/L	<10.0	<10.0	<10.0	<250
tert-Amyl methyl ether (TAME)	ug/L	<0.50	<0.50	<0.50	**14.0**
Benzene	ug/L	<0.50	<0.50	<0.50	<12.5
Bromobenzene	ug/L	<0.50	<0.50	<0.50	<12.5
Bromochloromethane	ug/L	<0.50	<0.50	<0.50	<12.5
Bromodichloromethane	ug/L	<0.50	<0.50	<0.50	<12.5
Bromoform	ug/L	<0.50	<0.50	<0.50	<12.5
Bromomethane	ug/L	<0.50	<0.50	<0.50	<12.5
tert-Butanol (TBA)	ug/L	<10.0	<10.0	<10.0	<250
n-Butylbenzene	ug/L	<0.50	<0.50	<0.50	<12.5
sec-Butylbenzene	ug/L	<0.50	<0.50	<0.50	<12.5
tert-Butylbenzene	ug/L	<0.50	<0.50	<0.50	<12.5
Carbon tetrachloride	ug/L	<0.50	<0.50	<0.50	<12.5
Chlorobenzene	ug/L	<0.50	<0.50	<0.50	<12.5
Chloroethane	ug/L	<0.50	<0.50	<0.50	<12.5
Chloroform	ug/L	<0.50	<0.50	<0.50	<12.5
Chloromethane	ug/L	<0.50	<0.50	<0.50	<12.5
2- & 4-Chlorotoluene	ug/L	<0.50	<0.50	<0.50	<12.5
Dibromochloromethane	ug/L	<0.50	<0.50	<0.50	<12.5
1,2-Dibromo-3-chloropropane	ug/L	<0.50	<0.50	<0.50	<12.5
1,2-Dibromoethane (EDB)	ug/L	<0.50	<0.50	<0.50	<12.5
Dibromomethane	ug/L	<0.50	<0.50	<0.50	<12.5
1,2-Dichlorobenzene	ug/L	<0.50	<0.50	<0.50	<12.5
1,3-Dichlorobenzene	ug/L	<0.50	<0.50	<0.50	<12.5
1,4-Dichlorobenzene	ug/L	<0.50	<0.50	<0.50	<12.5
Dichlorodifluoromethane	ug/L	<0.50	<0.50	<0.50	<12.5
1,1-Dichloroethane	ug/L	<0.50	<0.50	<0.50	<12.5
1,2-Dichloroethane	ug/L	<0.50	<0.50	<0.50	<12.5
1,1-Dichloroethene	ug/L	<0.50	<0.50	<0.50	<12.5
cis-1,2-Dichloroethene	ug/L	<0.50	<0.50	<0.50	<12.5
trans-1,2-Dichloroethene	ug/L	<0.50	<0.50	<0.50	<12.5
1,2-Dichloropropane	ug/L	<0.50	<0.50	<0.50	<12.5
1,3-Dichloropropane	ug/L	<0.50	<0.50	<0.50	<12.5
2,2-Dichloropropane	ug/L	<0.50	<0.50	<0.50	<12.5
1,1-Dichloropropene	ug/L	<0.50	<0.50	<0.50	<12.5
cis-1,3-Dichloropropene	ug/L	<0.50	<0.50	<0.50	<12.5

Analytical Results

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VELAP ID 460040

Project: **2907 CHURCHVILLE RD**

Project Number: 05-056RF072

Project Manager: James Wolf

Report Issued: 01/14/14 12:11

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CLIENT SAMPLE ID:		PW2907-EFF	PW2907-MID2	PW2907-MID1	PW2907-IN
LAB SAMPLE ID:		4010908-01	4010908-02	4010908-03	4010908-04
SAMPLE DATE:		01/09/14	01/09/14	01/09/14	01/09/14
RECEIVED DATE:		01/09/14	01/09/14	01/09/14	01/09/14
MATRIX	Units	Potable Water	Potable Water	Potable Water	Potable Water
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)					
trans-1,3-Dichloropropene	ug/L	<0.50	<0.50	<0.50	<12.5
Diisopropyl ether (DIPE)	ug/L	<0.50	<0.50	<0.50	<12.5
Ethyl tert-butyl ether (ETBE)	ug/L	<0.50	<0.50	<0.50	<12.5
Ethylbenzene	ug/L	<0.50	<0.50	<0.50	<12.5
Hexachlorobutadiene	ug/L	<0.50	<0.50	<0.50	<12.5
Isopropylbenzene (Cumene)	ug/L	<0.50	<0.50	<0.50	<12.5
4-Isopropyltoluene	ug/L	<0.50	<0.50	<0.50	<12.5
Methyl tert-butyl ether (MTBE)	ug/L	<0.50	<0.50	<0.50	**403**
Methylene chloride	ug/L	<0.50	<0.50	<0.50	<12.5
Naphthalene	ug/L	<0.50	<0.50	<0.50	<12.5
n-Propylbenzene	ug/L	<0.50	<0.50	<0.50	<12.5
Styrene	ug/L	<0.50	<0.50	<0.50	<12.5
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	<12.5
1,1,2,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	<12.5
Tetrachloroethene	ug/L	<0.50	<0.50	<0.50	<12.5
Toluene	ug/L	<0.50	<0.50	<0.50	<12.5
1,2,3-Trichlorobenzene	ug/L	<0.50	<0.50	<0.50	<12.5
1,2,4-Trichlorobenzene	ug/L	<0.50	<0.50	<0.50	<12.5
1,1,1-Trichloroethane	ug/L	<0.50	<0.50	<0.50	<12.5
1,1,2-Trichloroethane	ug/L	<0.50	<0.50	<0.50	<12.5
Trichloroethene	ug/L	<0.50	<0.50	<0.50	<12.5
Trichlorofluoromethane (Freon 11)	ug/L	<0.50	<0.50	<0.50	<12.5
1,2,3-Trichloropropane	ug/L	<0.50	<0.50	<0.50	<12.5
1,2,4-Trimethylbenzene	ug/L	<0.50	<0.50	<0.50	<12.5
1,3,5-Trimethylbenzene	ug/L	<0.50	<0.50	<0.50	<12.5
Vinyl chloride	ug/L	<0.50	<0.50	<0.50	<12.5
o-Xylene	ug/L	<0.50	<0.50	<0.50	<12.5
m- & p-Xylenes	ug/L	<0.50	<0.50	<0.50	<12.5
4-Bromofluorobenzene	[surr]	96.2%	96.6%	93.8%	99.6%
1,2-Dichlorobenzene-d4	[surr]	96.1%	98.6%	103%	106%

CHAIN-OF-CUSTODY RECORD

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 • Fax 410-247-7602
labman@mdspectral.com

Matrix Codes: NW (nonpotable water)
PW (potable water)

Company Name:	Project Manager:
AEC	J. Wolf
Project Name:	**Project ID:**
PW 2907 Churchville Rd	05058RF072
Sampler(s):	**P.O. Number:**
J. Wolf	05-056RF072

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	VOCs + Oxy 524.2	Preservative: 1+1 HCL, H_2SO_4, Methanol, $Na_2S_2O_3$, $NaHCO_3$	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
PW2907 - Eff	1.9.14	0855	PW			2	X	1+1 HCl		4010908-01 A
PW 2907 - Mid2	↓	0857	↓			↓	↓	↓		4010908-02 A
PW 2907 - Mid1		0900								4010908-03 A
PW 2907 - In	↓	0902	↓			↓	↓	↓		4010908-04 A

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) James Wolf	1.9.14 15:15	(Printed) Jeremy Sheidy	(Printed) Jeremy Sheidy	1/9/14 1643	(Printed)
Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)			
(Printed)		(Printed)			

Turn Around Time:
- [x] Normal (7 day)
- [ ] 5 day
- [ ] 4 day
- [ ] 3 day
- [ ] Rush (2 day)
- [ ] Next Day
- [ ] Other: _____
- [ ] Specific Due Date: _____

Lab Use:
Temp: 1.2 °C
- [x] Received on Ice
- [x] Received same day
- [ ] Preservation Appropriate

Delivery Method:
- [ ] Courier
- [x] Client
- [ ] UPS
- [ ] FedEx
- [ ] USPS
- [ ] Other: _____

Special Instructions/QC Requirements & Comments:
Results to JStein JWolf

Flowmeter 48,283

Sample Disposal:
- [ ] Return to Client
- [x] Disposal by lab
- [ ] Archive for _____ days

MSS-F001-03/13