From: "Zack, Dino" <Dino.Zack@aecom.com>
To: "Linda Ross" <lcross@gw.dec.state.ny.us>
CC: "Perkins, John" <johnperkins@tycoint.com>, "Eric Frauen" <etfrauen@bizwi...
Date: 1/5/2010 1:24 PM
Subject: 12/31/09 letter from NYSDEC re: Site No. 915149
Attachments: 12-31-09 letter from NYSDEC.pdf; MW-5 information.pdf

Linda-

To document our phone conversation today (1/5/09) at 13:00hrs regarding the letter dated 12/31/09 you sent for Site No. 915149;

1. Figure 3 - "Process and Instrumentation Diagram for Combined Dual Phase Extraction Remediation System" reflects current conditions and does not need to be updated. The figure will be updated if future changes to the remediation process and instrumentation are made.

2. Appendix C - I will include the information you requested for MW-5 in the first quarter 2010 submittal of the Groundwater Monitoring Report. For your convenience, I'm also attaching the information to this email.

Please let me know if you any further questions.

Thanks,

Dino

Dino Zack, P.G.

Project Manager - Geologist

Environment

D 716.836.4506 x15 M 716.866.8222

dino.zack@aecom.com

AECOM

100 Corporate Parkway, Suite 341, Amherst, NY 14226

T 716.836.4506 F 716.834.8785

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New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York, 14203-2915
Phone: (716) 851-7220 • **FAX:** (716) 851-7226
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

December 31, 2009

John Perkins, CHMM
Director, Environmental Health and Safety
Tyco Safety Products
6600 Congress Avenue
Boca Raton, Florida 33487

Dear Mr. Perkins:

Scott Aviation Site
Site No. 915149
Lancaster, Erie County

The New York State Department of Environmental Conservation (NYSDEC) is in receipt of the Fourth Quarter 2009 Groundwater Monitoring Report dated December 3, 2009.

The First Quarter 2010 submittal of the Groundwater Monitoring Report shall be submitted with the following changes:

1. Figure 3 - The "Process and Instrumentation Diagram for combined Dual Phase Extraction Remediation System" needs to be updated for current conditions.

2. Appendix C - The "MW-5 Well Inspection Checklist" needs to be resubmitted with a well location figure, well log and two rounds of VOC data (10/20/92 and 11/17/92) as described in the checklist.

If you have any questions, please call me at 716-851-7220.

Sincerely,

Linda C. Ross

Linda C. Ross
Project Manager

LCR:sz
cc: Mr. Dino Zack - AECOM, Buffalo ✓
Mr. Bill Saskowski - AVOX
Ms. Tamara Girard - NYS Department of Health

2488.580

Final Engineering Report/Post-Construction Summary Report

Soil and Ground Water Remediation Project

Scott Aviation
Lancaster, New York

James R. Heckathorne, P.E.
Vice President

July 1996

O'BRIEN & GERE ENGINEERS, INC.

5000 Brittonfield Parkway
East Syracuse, New York 13057

Location Map: QUICK CUT

*SB-2/MW-5

Detector:	HNU
Well Pack:	morey sand #1
Casing Type:	PVC
Screen Type:	PVC
Slot:	.010

Versar INC.

2010 CABOT BLVD
LANGHORNE, PA 19047
(215) 741-4211

TEST HOLE/WELL LOG

Test/Well Number:	MW-5/SB-2	Project:	Scott Aviation
Date:	10/27/92	Project Number:	1324.007
Logged By:	K. Trantow	Drilled By:	Empire
Drilling Method:	HSA 2"	Sampling Method:	SS
Seal:	bentonite pellets	Grout:	
Diameter: 2"	Length: 10'	Hole Dia:	Depth to Liquid:
Diameter: 2"	Length: 15'	Total Depth: 25'	Depth to Water: 22.5'

Classification	Color	Moisture Content	% Fines (time)	Structure	Vapor (PID)	Staining	Sample #	Depth	Sample Recovery	Penetration Resistence
	10YR 5/4		14:20		2 (background)			0	12"	11/10, 11/11
	10YR 5/2		1425		2	"		2	12"	6/7, 8/12
			1430		0			4	24"	7/16, 10/8
			1435		0			6	24"	10/7, 9/12
	10YR 5/6		1440		0			8	24"	17/10, 14/9
	10YR 5/4		1445		0			10	24"	5/9, 11/16
	5YR 5/3		1450		0			12	24"	6/9, 13/15
	5YR 5/2		1455		0			14	18"	3/7, 8/11
			1500		0			16	24"	3/5, 6/8
		▽	1510		0		X	18	24"	10/12, 8/7
	10YR 5/1				0			20	24"	2/3, 4/4
	2.5YR 5/0				0			22 / 24	12"	2/2, 1/3

LITHOLOGY/REMARKS

0-6" gravel, sand fill

6"-2' brown, stiff clay, dry, no odor.

2-4' gravel + sand at top. stiff clay. brown mottled w/ dark + orange colors dry

4-6' clay w/ interfingering silt lens in last 4" of sample. very plastic clay. no odors. dry.

6-8' mostly red-brown clay, some mottled black + dk. brown colors. plastic

8-10' same as above w/ some organics at top of spoon. gray silt stringers. gravel downhole PID – 0.0ppm.

10-12' same as above, few gravel pieces, no stringers.

12-14' same red brown clay, bottom of spoon more moist. plastic. no odor

14-16' last 6" shaved by large cobble stuck in end piece. Same stiff clay. small pieces of gravel.

16-18' clay w/ silt–fine sand lenses every 1-2 inches. ~~wet~~ lenses are wet, clay only moist.

18-20' saturated @ 19' in a fine sand lens approx 2-4" thick. rest of spoon is clay as above. no odors, moist to wet.

20-22' clay at top to 21'. silty sand w/ gravel below – saturated.

23-25' wet. poorly sorted sand + gravel. gray no odor.

TD 25'

WELL COMPLETION

Slurry

5

Blank

B

8

10.3

25.3

Table 1
Soil & Ground Water Remediation
Project Summary Report
Scott Aviation
Lancaster, New York

Monitoring Well Construction Details and Historic Water Levels

Well	Well Depth From Top of Casing	Elevation TOC	Elevation BOS	Elevation Water Table Nov. 1992	Elevation Water Table Aug. 1993	Elevation Water Table Jan. 1996
MW - 1	27.1 ft	691.85	664.75 (1)	685.31	682.91	684.68
MW - 2	17.3 ft	689.48	672.18	685.85	683.52	684.75
MW - 3	27.7 ft	687.68	659.98 (1)	684.18	680.70	684.52
MW - 4	25.9 ft	687.25	661.35 (1)	684.48	681.12	684.72
MW - 5	23.1 ft	687.74	664.65 (1)	684.43	(Note 2)	(Note 2)
MW - 6	25.0 ft	687.00	658.65 (1)	683.65	680.86	684.33

Notes - (1) Based on information obtained from split spoon sampling, these wells were installed on top of the bedrock surface.
(2) Monitoring well MW-5 could not be located because it has been covered.
(3) TOC - Top of inner wall casing
BOS - Bottom of screen/well

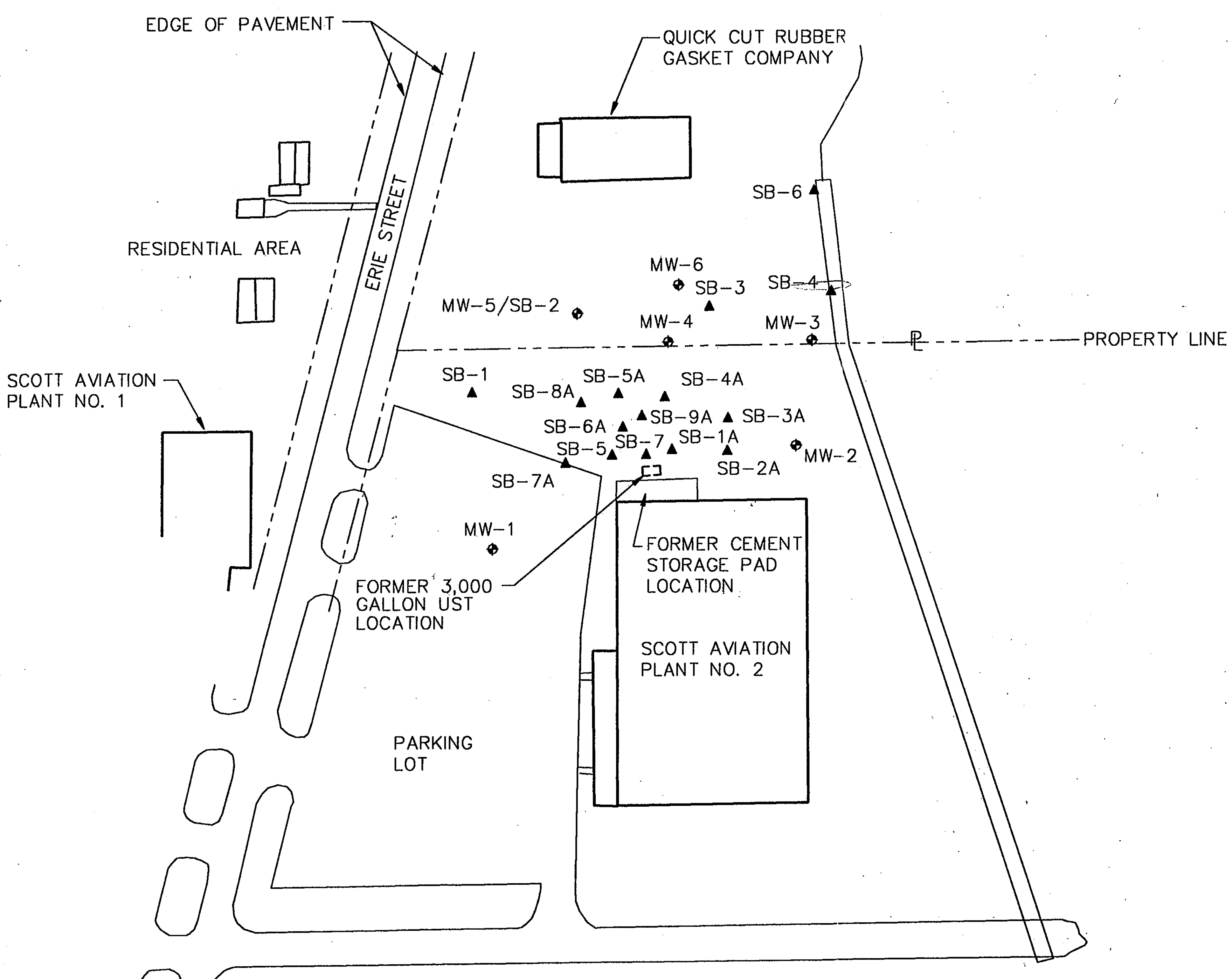
Scott Aviation
Lancaster, New York

Historic Ground Water Quality Data
(Volatile Organic Compounds)

Parameter / Monitoring Well / Date Sampled:	MW-4					MW-4A DUP.	MW-5		MW-6				MW-6 DUP.
	10/30/92	11/17/92	8/31/93	8/24/95	1/22/96	11/17/92	10/30/92	11/17/92	10/30/92	11/17/92	8/31/93	1/22/96	8/31/93
Acetone	U	U	U	NA	NA	U	U	U	U	7 J	U	NA	U
Chloromethane	NA	NA	NA	<1000	<1000	NA	NA	NA	NA	NA	NA	<10	NA
Bromomethane	NA	NA	NA	<1000	<1000	NA	NA	NA	NA	NA	NA	<10	NA
Dichlorodifluoromethane	NA	NA	NA	*	<1000	NA	NA	NA	NA	NA	NA	<10	NA
Vinyl Chloride	U	240 J	300 J	150	<100	280 J	U	U	U	U	U	<1	U
Chloroethane	U	U	300 J	<100	<100	U	U	U	U	U	U	<1	U
Dichloromethane	270 J	180 JB	U	<100	<100	220 JB	6 JB	5 JB	6 JB	5 JB	U	<1	U
Trichlorofluoromethane	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
1,1-Dichloroethene	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
1,1-Dichloroethane	250 J	270	U	480	<100	340	U	U	U	U	U	<1	U
1,2-Dichloroethene (total)	5900	5100	9400	7600	2700	6100	U	U	4 J	U	U	<1	U
Chloroform	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
1,2-Dichloroethane	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
1,1,1-Trichloroethane	U	U	170 J	<100	<100	U	U	U	U	U	U	<1	U
Carbon tetrachloride	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
Bromodichloromethane	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
1,2-Dichloropropane	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
cis-1,3-Dichloropropene	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
Trichloroethene	1500	2800	6900	10000	4200	3400	U	U	U	U	U	<1	U
Benzene	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
Dibromochloromethane	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
1,1,2-Trichloroethane	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
trans-1,3-Dichloropropene	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
2-Chloroethylvinyl ether	NA	NA	NA	<1000	<1000	NA	NA	NA	NA	NA	NA	<10	NA
Bromoform	NA	NA	NA	<1000	<1000	NA	NA	NA	NA	NA	NA	<10	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
Tetrachloroethene	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
Toluene	U	U	U	<100	<100	U	U	U	U	U	U	<1	U
Chlorobenzene	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
Ethylbenzene	NA	NA	NA	<100	<100	NA	NA	NA	NA	NA	NA	<1	NA
Xylene (total)	NA	NA	NA	<300	<300	NA	NA	NA	NA	NA	NA	<3	NA
1,2-Dichlorobenzene	NA	NA	NA	<500	<500	NA	NA	NA	NA	NA	NA	<5	NA
1,3-Dichlorobenzene	NA	NA	NA	<500	<500	NA	NA	NA	NA	NA	NA	<5	NA
1,4-Dichlorobenzene	NA	NA	NA	<500	<500	NA	NA	NA	NA	NA	NA	<5	NA

NOTES: (1) All units are in ug/l (parts per billion) unless otherwise noted.
(2) U - Not Detected
(3) B - Reading was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detectiion Limit (IDL).
(4) J - Estimated value
(5) NA - Not Applicable
(6) * The value reported for vinyl chloride may represent vinyl chloride, dichlorodofluoromethane, or any combination of the two compounds.

FIGURE 2



LEGEND

SB-6 ▲ APPROX. LOCATIONS OF SOIL BORINGS PREVIOUSLY ADVANCED

MW-1 ⊕ APPROX. LOCATIONS OF EXISTING MONITORING WELLS

SCOTT AVIATION
LANCASTER, NEW YORK
SOIL & GROUND WATER
REMEDIATION PROJECT
SUMMARY REPORT

PREVIOUS SITE PLAN

0 100 200

APPROX. SCALE IN FEET

FILE NO. 2488.580-33F

OBRIEN&GERE ENGINEERS INC.