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LABORATORY TEST RESULTS

Job Number: 233742 Date: 02/08/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: LL7mw-003-DUP Laboratory Sample ID: 233742-2
 Date Sampled.....: 01/25/2005 Date Received.....: 01/26/2005
 Time Sampled.....: 09:30 Time Received.....: 09:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140908		02/02/05 0751	lm
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140908		02/02/05 0751	lm

* In Description = Dry Wgt.

STL Chicago

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Job Number: 233742		LABORATORY TEST RESULTS						Date:02/08/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: LL7mw-003-DUP Date Sampled.....: 01/25/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 233742-2 Date Received.....: 01/26/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatle Organics											
	Phenol, Low Level Water	4.9	U		0.34	4.9	1.00000	ug/L	141359		01/31/05 1427	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.42	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	141359		01/31/05 1427	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	141359		01/31/05 1427	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.60	4.9	1.00000	ug/L	141359		01/31/05 1427	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.098	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	141359		01/31/05 1427	dpk
	Nitrobenzene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	Benzoic acid, Low Level Water	20	U		2.9	20	1.00000	ug/L	141359		01/31/05 1427	dpk
	Isophorone, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	2,4-Dimethylphenol, Low Level Water	9.8	U		1.3	9.8	1.00000	ug/L	141359		01/31/05 1427	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.63	4.9	1.00000	ug/L	141359		01/31/05 1427	dpk
	Naphthalene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk
	2,4-Dichlorophenol, Low Level Water	9.8	U		0.89	9.8	1.00000	ug/L	141359		01/31/05 1427	dpk
	4-Chloroaniline, Low Level Water	9.8	U		2.7	9.8	1.00000	ug/L	141359		01/31/05 1427	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	141359		01/31/05 1427	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.8	U		1.4	9.8	1.00000	ug/L	141359		01/31/05 1427	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.64	20	1.00000	ug/L	141359		01/31/05 1427	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	141359		01/31/05 1427	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.22	4.9	1.00000	ug/L	141359		01/31/05 1427	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233742

Date: 02/08/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOGS

ATTN: Eric Ellis

Customer Sample ID: LL7mw-003-DUP
 Date Sampled.....: 01/25/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233742-2
 Date Received.....: 01/26/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.8	U		2.4	9.8	1.00000	ug/L	141359		01/31/05 1427	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	141359		01/31/05 1427	dpk
	2-Nitrophenol, Low Level Water	9.8	U		0.80	9.8	1.00000	ug/L	141359		01/31/05 1427	dpk
	3-Nitroaniline, Low Level Water	9.8	U		2.1	9.8	1.00000	ug/L	141359		01/31/05 1427	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.2	20	1.00000	ug/L	141359		01/31/05 1427	dpk
	Acenaphthylene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk
	2,4-Dinitrotoluene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk
	Acenaphthene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	4-Nitrophenol, Low Level Water	20	U		3.6	20	1.00000	ug/L	141359		01/31/05 1427	dpk
	Fluorene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk
	4-Nitroaniline, Low Level Water	9.8	U		2.3	9.8	1.00000	ug/L	141359		01/31/05 1427	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.19	4.9	1.00000	ug/L	141359		01/31/05 1427	dpk
	Hexachlorobenzene, Low Level Water	0.49	U		0.095	0.49	1.00000	ug/L	141359		01/31/05 1427	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.74	4.9	1.00000	ug/L	141359		01/31/05 1427	dpk
	Pentachlorophenol, Low Level Water	9.8	U		1.7	9.8	1.00000	ug/L	141359		01/31/05 1427	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	141359		01/31/05 1427	dpk
	Phenanthrene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk
	Anthracene, Low Level Water	0.98	U		0.15	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	141359		01/31/05 1427	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	141359		01/31/05 1427	dpk
	Fluoranthene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk
	Pyrene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.38	2.0	1.00000	ug/L	141359		01/31/05 1427	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.048	0.20	1.00000	ug/L	141359		01/31/05 1427	dpk
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	141359		01/31/05 1427	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233742

Date: 02/08/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAMP 14 AQCS

ATTN: Eric Ellis

Customer Sample ID: LL7mw-003-DUP
 Date Sampled.....: 01/25/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233742-2
 Date Received.....: 01/26/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.9		U	0.71	4.9	1.00000	ug/L	141359		01/31/05 1427	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15		U	3.8	15	1.00000	ug/L	141359		01/31/05 1427	dpk
	Di-n-octyl phthalate, Low Level Water	9.8		U	2.5	9.8	1.00000	ug/L	141359		01/31/05 1427	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39		U	0.066	0.39	1.00000	ug/L	141359		01/31/05 1427	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39		U	0.071	0.39	1.00000	ug/L	141359		01/31/05 1427	dpk
	Benzo(a)pyrene, Low Level Water	0.39		U	0.082	0.39	1.00000	ug/L	141359		01/31/05 1427	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39		U	0.084	0.39	1.00000	ug/L	141359		01/31/05 1427	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39		U	0.13	0.39	1.00000	ug/L	141359		01/31/05 1427	dpk
	Benzo(ghi)perylene, Low Level Water	0.98		U	0.19	0.98	1.00000	ug/L	141359		01/31/05 1427	dpk

* In Description = Dry Wgt.

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Job Number: 233742		LABORATORY TEST RESULTS						Date:02/07/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL7mw-003-DUP Date Sampled.....: 01/25/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 233742-2 Date Received.....: 01/26/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMx	0.35	U		0.077	0.35	1.00000	ug/L	141267		01/27/05 0728	san
	RDX	0.23	U		0.073	0.23	1.00000	ug/L	141267		01/27/05 0728	san
	1,3,5-Trinitrobenzene	0.23	U		0.066	0.23	1.00000	ug/L	141267		01/27/05 0728	san
	1,3-Dinitrobenzene	0.23	U		0.062	0.23	1.00000	ug/L	141267		01/27/05 0728	san
	Nitrobenzene	0.18	U		0.050	0.18	1.00000	ug/L	141267		01/27/05 0728	san
	2,4,6-TNT	0.28	U		0.088	0.28	1.00000	ug/L	141267		01/27/05 0728	san
	Tetryl	0.88	U		0.19	0.88	1.00000	ug/L	141267		01/27/05 0728	san
	2,4-Dinitrotoluene	0.41	U		0.14	0.41	1.00000	ug/L	141267		01/27/05 0728	san
	2,6-Dinitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	141267		01/27/05 0728	san
	2-Amino-4,6-Dinitrotoluene	0.41	U		0.13	0.41	1.00000	ug/L	141267		01/27/05 0728	san
	4-Amino-2,6-Dinitrotoluene	0.37	U		0.13	0.37	1.00000	ug/L	141267		01/27/05 0728	san
	2-Nitrotoluene	0.35	U		0.11	0.35	1.00000	ug/L	141267		01/27/05 0728	san
	4-Nitrotoluene	0.35	U		0.11	0.35	1.00000	ug/L	141267		01/27/05 0728	san
3-Nitrotoluene	0.35	U		0.11	0.35	1.00000	ug/L	141267		01/27/05 0728	san	
8332K	NG/PEM by 8332K (HPLC)											
Nitroglycerine	1.1	U	*	0.17	1.1	1.00000	ug/L	141264		01/27/05 0731	san	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LL7mw-003-DUP

Trace Level Organic Compounds

Lot-Sample #...: G5A260339-002 Work Order #...: G29HC1AC Matrix.....: WATER
Date Sampled...: 01/25/05 09:30 Date Received...: 01/26/05
Prep Date.....: 02/02/05 Analysis Date...: 02/03/05
Prep Batch #...: 5033433
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: LL7mw-003-DUP

General Chemistry

Lot-Sample #...: G5A260339-002
Date Sampled...: 01/25/05

Work Order #...: G29HC
Date Received...: 01/26/05

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	02/07/05	5038372
		MDL.....: 0.12				

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LABORATORY TEST RESULTS											
Job Number: 233716					Date: 02/07/2005						
CUSTOMER: HKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis			
Customer Sample ID: LL7mw-004-GW Date Sampled.....: 01/24/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water					Laboratory Sample ID: 233716-1 Date Received.....: 01/25/2005 Time Received.....: 09:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	NDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
353.2	Nitrogen, NO2, NO3 (Auto Cd Red.) Nitrate as N (NO3-N)	0.058	B	0.057	0.20	1	mg/L	140461		01/27/05 1227	kd

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233716 Date: 02/04/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RYAMP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: LL7mw-004-GW
 Date Sampled.....: 01/24/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233716-1
 Date Received.....: 01/25/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	140534		01/27/05 2042	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	140662		01/28/05 1144	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	140683		01/28/05 2112	daj
7B41	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	140464		01/27/05 0212	daj
7470A	Mercury (CVAA) Mercury	0.40			0.063	0.20	1	ug/L	140763		01/28/05 1344	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	140536		01/28/05 0729	tds
	Barium	41			1.3	10	1	ug/L	140536		01/28/05 0729	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	140536		01/28/05 0729	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	140998		02/02/05 2352	tds
	Calcium	9400			9.5	100	1	ug/L	140536		01/28/05 0729	tds
	Chromium	10	U		1.1	10	1	ug/L	140536		01/28/05 0729	tds
	Chromium	9.1			0.80	5.0	1	ug/L	140536		01/28/05 0729	tds
	Cobalt	10	U		2.2	10	1	ug/L	140536		01/28/05 0729	tds
	Copper	20000			38	120	1	ug/L	140536		01/28/05 0729	tds
	Iron	6100			8.1	100	1	ug/L	140998		02/02/05 2352	tds
	Magnesium	1300			0.41	10	1	ug/L	140536		01/28/05 0729	tds
	Manganese	8.5	B		1.0	10	1	ug/L	140536		01/28/05 0729	tds
	Nickel	2300			66	500	1	ug/L	140536		01/28/05 0729	tds
	Potassium											

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233716 Date: 02/04/2005

CUSTOMER: RCM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: LL7mw-004-GW
 Date Sampled.....: 01/24/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233716-1
 Date Received.....: 01/25/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	140536		01/28/05 0729	tds
	Silver	10	U		0.72	10	1	ug/L	140536		01/28/05 0729	tds
	Sodium	14000			490	1500	1	ug/L	140642		01/28/05 2118	tds
	Vanadium	10	U		1.0	10	1	ug/L	140536		01/28/05 0729	tds
	Zinc	40			1.6	30	1	ug/L	140536		01/28/05 0729	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											
Job Number: 233716				Date: 02/03/2005							
CUSTOMER: MKM Engineers, Inc.				PROJECT: USAGE RVAAP 14 AGCS				ATTN: Eric Ellis			
Customer Sample ID: LL7mw-004-GW Date Sampled.....: 01/24/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water						Laboratory Sample ID: 233716-1 Date Received.....: 01/25/2005 Time Received.....: 09:00					
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis										
	alpha-BHC	0.15	U	0.046	0.15	1.00000	ug/L	141101		01/28/05 0924	kdl
	beta-BHC	0.097	U	0.027	0.097	1.00000	ug/L	141101		01/28/05 0924	kdl
	delta-BHC	0.097	U	0.024	0.097	1.00000	ug/L	141101		01/28/05 0924	kdl
	gamma-BHC (Lindane)	0.15	U	0.041	0.15	1.00000	ug/L	141101		01/28/05 0924	kdl
	Heptachlor	0.15	U	0.040	0.15	1.00000	ug/L	141101		01/28/05 0924	kdl
	Aldrin	0.097	U	0.027	0.097	1.00000	ug/L	141101		01/28/05 0924	kdl
	Heptachlor epoxide	0.15	U	0.035	0.15	1.00000	ug/L	141101		01/28/05 0924	kdl
	Endosulfan I	0.097	U	0.020	0.097	1.00000	ug/L	141101		01/28/05 0924	kdl
	Dieldrin	0.097	U	0.017	0.097	1.00000	ug/L	141101		01/28/05 0924	kdl
	4,4'-DDE	0.097	U	0.022	0.097	1.00000	ug/L	141101		01/28/05 0924	kdl
	Endrin	0.097	U	0.017	0.097	1.00000	ug/L	141101		01/28/05 0924	kdl
	Endosulfan II	0.15	U	0.041	0.15	1.00000	ug/L	141101		01/28/05 0924	kdl
	4,4'-DDD	0.11	U	0.035	0.11	1.00000	ug/L	141101		01/28/05 0924	kdl
	Endosulfan sulfate	0.15	U	0.043	0.15	1.00000	ug/L	141101		01/28/05 0924	kdl
	4,4'-DDT	0.15	U	0.048	0.15	1.00000	ug/L	141101		01/28/05 0924	kdl
	Methoxychlor	0.58	U	0.17	0.58	1.00000	ug/L	141101		01/28/05 0924	kdl
	alpha-Chlordane	0.049	U	0.016	0.049	1.00000	ug/L	141101		01/28/05 0924	kdl
	gamma-Chlordane	0.097	U	0.017	0.097	1.00000	ug/L	141101		01/28/05 0924	kdl
	Endrin aldehyde	0.15	U	0.034	0.15	1.00000	ug/L	141101		01/28/05 0924	kdl
	Endrin ketone	0.097	U	0.028	0.097	1.00000	ug/L	141101		01/28/05 0924	kdl
	Toxaphene	0.49	U	0.14	0.49	1.00000	ug/L	141101		01/28/05 0924	kdl

* In Description = Dry Wgt.

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Job Number: 233716		LABORATORY TEST RESULTS						Date:02/01/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RYAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: LE7mw-004-GW Date Sampled.....: 01/24/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233716-1 Date Received.....: 01/25/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.58	U		0.17	0.58	1.00000	ug/L	140817		01/27/05 1702	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	140817		01/27/05 1702	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	140817		01/27/05 1702	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	140817		01/27/05 1702	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	140817		01/27/05 1702	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	140817		01/27/05 1702	bjt
	Aroclor 1260	0.58	U		0.17	0.58	1.00000	ug/L	140817		01/27/05 1702	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 02/08/2005

Job Number: 233716

CUSTOMER: NKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric ELLIS

Customer Sample ID: 1L7mw-004-GW
 Date Sampled.....: 01/24/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233716-1
 Date Received.....: 01/25/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Vinyl chloride	1.0	U	*	0.10	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Bromomethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Chloroethane	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	1,1-Dichloroethene	1.0	U		0.20	5.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Carbon disulfide	5.0	U		1.8	10	1.00000	ug/L	140908		02/02/05 0623	lm
	Acetone	10	U		0.35	1.5	1.00000	ug/L	140908		02/02/05 0623	lm
	Methylene chloride	1.5	U		0.14	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	trans-1,2-Dichloroethene	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	1,1-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	cis-1,2-Dichloroethene	1.0	U		1.2	10	1.00000	ug/L	140908		02/02/05 0623	lm
	2-Butanone (MEK)	10	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Bromochloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Chloroform	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	1,1,1-Trichloroethane	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Carbon tetrachloride	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	1,2-Dichloroethane	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Trichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	1,2-Dichloropropane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Bromodichloromethane	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	cis-1,3-Dichloropropene	1.0	U		0.65	10	1.00000	ug/L	140908		02/02/05 0623	lm
	4-Methyl-2-pentanone (MIBK)	10	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Toluene	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	1,1,2-Trichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Tetrachloroethene	1.0	U		0.53	10	1.00000	ug/L	140908		02/02/05 0623	lm
2-Hexanone	10	U										

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											Date: 02/08/2005	
Job Number: 233716				PROJECT: USAGE RYAMP 14 AOCs				ATTN: Eric Ellits				
CUSTOMER: RKM Engineers, Inc												
Customer Sample ID: LL7mw-004-GW						Laboratory Sample ID: 233716-1						
Date Sampled: 01/24/2005						Date Received: 01/25/2005						
Time Sampled: 14:00						Time Received: 09:00						
Sample Matrix: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140908		02/02/05 0623	lm
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	140908		02/02/05 0623	lm
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140908		02/02/05 0623	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233716						Date: 02/08/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: LL7mw-004-GW Date Sampled: 01/24/2005 Time Sampled: 14:00 Sample Matrix: Water						Laboratory Sample ID: 233716-1 Date Received: 01/25/2005 Time Received: 09:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	5.1	U		0.36	5.1	1.00000	ug/L	141359		01/31/05 1318	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.44	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.36	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	141359		01/31/05 1318	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.51	U		0.083	0.51	1.00000	ug/L	141359		01/31/05 1318	dpk
	Hexachloroethane, Low Level Water	5.1	U		0.62	5.1	1.00000	ug/L	141359		01/31/05 1318	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.10	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	2-Chlorophenol, Low Level Water	5.1	U		0.12	5.1	1.00000	ug/L	141359		01/31/05 1318	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	Benzoic acid, Low Level Water	20	U		3.1	20	1.00000	ug/L	141359		01/31/05 1318	dpk
	Isophorone, Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	141359		01/31/05 1318	dpk
	Hexachlorobutadiene, Low Level Water	5.1	U		0.65	5.1	1.00000	ug/L	141359		01/31/05 1318	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.93	10	1.00000	ug/L	141359		01/31/05 1318	dpk
	4-Chloroaniline, Low Level Water	10	U		2.9	10	1.00000	ug/L	141359		01/31/05 1318	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.1	U		0.21	5.1	1.00000	ug/L	141359		01/31/05 1318	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	141359		01/31/05 1318	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.66	20	1.00000	ug/L	141359		01/31/05 1318	dpk
	2-Methylnaphthalene, Low Level Water	0.51	U		0.13	0.51	1.00000	ug/L	141359		01/31/05 1318	dpk
	2-Nitroaniline, Low Level Water	5.1	U		0.22	5.1	1.00000	ug/L	141359		01/31/05 1318	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233716						Date: 02/08/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: LL7mw-004-GW Date Sampled.....: 01/24/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water						Laboratory Sample ID: 233716-1 Date Received.....: 01/25/2005 Time Received.....: 09:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U		2.4	10	1.00000	ug/L	141359		01/31/05 1318	dpk
	2,6-Dinitrotoluene, Low Level Water	0.51	U		0.11	0.51	1.00000	ug/L	141359		01/31/05 1318	dpk
	2-Nitrophenol, Low Level Water	10	U		0.84	10	1.00000	ug/L	141359		01/31/05 1318	dpk
	3-Nitroaniline, Low Level Water	10	U		2.1	10	1.00000	ug/L	141359		01/31/05 1318	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.4	20	1.00000	ug/L	141359		01/31/05 1318	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	4-Nitrophenol, Low Level Water	20	U		3.8	20	1.00000	ug/L	141359		01/31/05 1318	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	4-Nitroaniline, Low Level Water	10	U		2.3	10	1.00000	ug/L	141359		01/31/05 1318	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.1	U		0.19	5.1	1.00000	ug/L	141359		01/31/05 1318	dpk
	Hexachlorobenzene, Low Level Water	0.51	U		0.099	0.51	1.00000	ug/L	141359		01/31/05 1318	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.1	U		0.77	5.1	1.00000	ug/L	141359		01/31/05 1318	dpk
	Pentachlorophenol, Low Level Water	10	U		1.7	10	1.00000	ug/L	141359		01/31/05 1318	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	141359		01/31/05 1318	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	Carbazole, Low Level Water	5.1	U		0.30	5.1	1.00000	ug/L	141359		01/31/05 1318	dpk
	Di-n-butyl phthalate, Low Level Water	5.1	U		0.37	5.1	1.00000	ug/L	141359		01/31/05 1318	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.40	2.0	1.00000	ug/L	141359		01/31/05 1318	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.050	0.20	1.00000	ug/L	141359		01/31/05 1318	dpk
	Chrysene, Low Level Water	0.51	U		0.046	0.51	1.00000	ug/L	141359		01/31/05 1318	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233716

Date: 02/08/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL7mw-004-GW
 Date Sampled.....: 01/24/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233716-1
 Date Received.....: 01/25/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.1	U		0.73	5.1	1.00000	ug/L	141359		01/31/05 1318	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		4.0	15	1.00000	ug/L	141359		01/31/05 1318	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	141359		01/31/05 1318	dpk
	Benzo(b)fluoranthene, Low Level Water	0.41	U		0.068	0.41	1.00000	ug/L	141359		01/31/05 1318	dpk
	Benzo(k)fluoranthene, Low Level Water	0.41	U		0.073	0.41	1.00000	ug/L	141359		01/31/05 1318	dpk
	Benzo(a)pyrene, Low Level Water	0.41	U		0.086	0.41	1.00000	ug/L	141359		01/31/05 1318	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.41	U		0.088	0.41	1.00000	ug/L	141359		01/31/05 1318	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.41	U		0.13	0.41	1.00000	ug/L	141359		01/31/05 1318	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.19	1.0	1.00000	ug/L	141359		01/31/05 1318	dpk

* In Description = Dry Wgt.

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Job Number: 233716		LABORATORY TEST RESULTS						Date: 02/04/2005				
CUSTOMER: MCM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: LL7mw-004-GW Date Sampled.....: 01/24/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233716-1 Date Received.....: 01/25/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.31	U		0.068	0.31	1.00000	ug/L	141167		01/26/05 1223	san
	RDX	0.20	U		0.064	0.20	1.00000	ug/L	141167		01/26/05 1223	san
	1,3,5-Trinitrobenzene	0.20	U		0.058	0.20	1.00000	ug/L	141167		01/26/05 1223	san
	1,3-Dinitrobenzene	0.20	U		0.055	0.20	1.00000	ug/L	141167		01/26/05 1223	san
	Nitrobenzene	0.16	U		0.044	0.16	1.00000	ug/L	141167		01/26/05 1223	san
	2,4,6-TNT	0.25	U		0.078	0.25	1.00000	ug/L	141167		01/26/05 1223	san
	Tetryl	0.78	U		0.16	0.78	1.00000	ug/L	141167		01/26/05 1223	san
	2,4-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	141167		01/26/05 1223	san
	2,6-Dinitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	141167		01/26/05 1223	san
	2-Amino-4,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	141167		01/26/05 1223	san
	4-Amino-2,6-Dinitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	141167		01/26/05 1223	san
	2-Nitrotoluene	0.31	U		0.093	0.31	1.00000	ug/L	141167		01/26/05 1223	san
	4-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	141167		01/26/05 1223	san
3-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	141167		01/26/05 1223	san	
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.0	U		0.15	1.0	1.00000	ug/L	141173		01/27/05 0247	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LL7mw-004-GW

Trace Level Organic Compounds

Lot-Sample #...: G5A260339-004 Work Order #...: G29HF1AC Matrix.....: WATER
Date Sampled...: 01/24/05 14:00 Date Received...: 01/26/05
Prep Date.....: 02/02/05 Analysis Date...: 02/03/05
Prep Batch #...: 5033433
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: LL7mw-004-GW

General Chemistry

Lot-Sample #...: G5A260339-004
Date Sampled...: 01/24/05

Work Order #...: G29HF
Date Received...: 01/26/05

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	0.14 B,J	0.50	mg/L	MCAWW 353.2	02/07/05	5038372
	MDL.....: 0.12					

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

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Job Number: 233967		LABORATORY TEST RESULTS						Date: 02/17/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis						
Customer Sample ID: LL7mw-005-GW Date Sampled.....: 02/02/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233967-3 Date Received.....: 02/03/2005 Time Received.....: 09:00										
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
353.2	Nitrogen, NO2, NO3 (Auto Cd Red.) Nitrate as N (NO3-N)	0.20	U		0.057	0.20	1	mg/L	142226		02/16/05 1537	kd	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233967

Date: 02/17/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RYAAP 14 ADCS

ATTN: Eric ELLIS

Customer Sample ID: LL7mw-005-GW
 Date Sampled.....: 02/02/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233967-3
 Date Received.....: 02/03/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	141411		02/07/05 1549	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	141544		02/08/05 1633	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	141389		02/07/05 1501	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	141284		02/05/05 0259	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	142187		02/11/05 1252	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	142208		02/15/05 1724	tds
	Barium	82	U		1.3	10	1	ug/L	142208		02/15/05 1724	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	142208		02/15/05 1724	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	142208		02/15/05 1724	tds
	Calcium	11000	U		9.5	100	1	ug/L	142208		02/15/05 1724	tds
	Chromium	1.4	B		1.1	10	1	ug/L	142208		02/15/05 1724	tds
	Cobalt	21	U		0.80	5.0	1	ug/L	142208		02/15/05 1724	tds
	Copper	10	U		2.2	10	1	ug/L	142208		02/15/05 1724	tds
	Iron	120	U		38	120	1	ug/L	142208		02/15/05 1724	tds
	Magnesium	3400	U		8.1	100	1	ug/L	142208		02/15/05 1724	tds
	Manganese	1700	U		0.41	10	1	ug/L	142208		02/15/05 1724	tds
	Nickel	24	U		1.0	10	1	ug/L	142208		02/15/05 1724	tds
	Potassium	2000	U		66	500	1	ug/L	142208		02/15/05 1724	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233967

Date: 02/17/2005

CUSTOMER: MKK Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: LL7MW-005-GW
 Date Sampled.....: 02/02/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233967-3
 Date Received.....: 02/03/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	142211		02/16/05 1649	tds
	Silver	0.93	B		0.72	10	1	ug/L	142208		02/15/05 1724	tds
	Sodium	2000			490	1500	1	ug/L	142208		02/15/05 1724	tds
	Vanadium	1.4	B		1.0	10	1	ug/L	142208		02/15/05 1724	tds
	Zinc	11	B		1.6	30	1	ug/L	142208		02/15/05 1724	tds

* In Description = Dry Wgt.

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TEST METHOD		PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A		Organochlorine Pesticide Analysis											
		alpha-BHC	0.15	U		0.046	0.15	1.00000	ug/L	142289		02/09/05 0951	pjg
		beta-BHC	0.098	U		0.027	0.098	1.00000	ug/L	142289		02/09/05 0951	pjg
		delta-BHC	0.098	U		0.025	0.098	1.00000	ug/L	142289		02/09/05 0951	pjg
		gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	142289		02/09/05 0951	pjg
		Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	142289		02/09/05 0951	pjg
		Aldrin	0.098	U		0.027	0.098	1.00000	ug/L	142289		02/09/05 0951	pjg
		Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	142289		02/09/05 0951	pjg
		Endosulfan I	0.098	U		0.021	0.098	1.00000	ug/L	142289		02/09/05 0951	pjg
		Dieldrin	0.098	U		0.018	0.098	1.00000	ug/L	142289		02/09/05 0951	pjg
		4,4'-DDE	0.098	U		0.023	0.098	1.00000	ug/L	142289		02/09/05 0951	pjg
		Endrin	0.098	U		0.017	0.098	1.00000	ug/L	142289		02/09/05 0951	pjg
		Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	142289		02/09/05 0951	pjg
		4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	142289		02/09/05 0951	pjg
		Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	142289		02/09/05 0951	pjg
		4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	142289		02/09/05 0951	pjg
		Methoxychlor	0.59	U	*	0.17	0.59	1.00000	ug/L	142289		02/09/05 0951	pjg
		alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	142289		02/09/05 0951	pjg
		gamma-Chlordane	0.098	U		0.017	0.098	1.00000	ug/L	142289		02/09/05 0951	pjg
		Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	142289		02/09/05 0951	pjg
		Endrin ketone	0.098	U		0.028	0.098	1.00000	ug/L	142289		02/09/05 0951	pjg
		Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	142289		02/09/05 0951	pjg

* In Description = Dry Wgt.

Job Number: 233967		LABORATORY TEST RESULTS						Date: 02/15/2005			
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGES			ATTN: Eric Ellis					
Customer Sample ID: LL7mw-005-GW			Laboratory Sample ID: 233967-3								
Date Sampled.....: 02/02/2005			Date Received.....: 02/03/2005								
Time Sampled.....: 10:00			Time Received.....: 09:00								
Sample Matrix.....: Water											
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis										
	Aroclor 1016	0.59	U	0.18	0.59	1.00000	ug/L	142020		02/07/05 1333	bjt
	Aroclor 1221	1.3	U	0.41	1.3	1.00000	ug/L	142020		02/07/05 1333	bjt
	Aroclor 1232	1.3	U	0.34	1.3	1.00000	ug/L	142020		02/07/05 1333	bjt
	Aroclor 1242	1.3	U	0.42	1.3	1.00000	ug/L	142020		02/07/05 1333	bjt
	Aroclor 1248	1.5	U	0.47	1.5	1.00000	ug/L	142020		02/07/05 1333	bjt
	Aroclor 1254	1.3	U	0.34	1.3	1.00000	ug/L	142020		02/07/05 1333	bjt
	Aroclor 1260	0.59	U	0.17	0.59	1.00000	ug/L	142020		02/07/05 1333	bjt

* In Description = Dry Wgt.

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Job Number: 233967		LABORATORY TEST RESULTS						Date: 02/10/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: LL7MW-005-GW Date Sampled.....: 02/02/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233967-3 Date Received.....: 02/03/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	1,1-Dichloroethane	1.0	U		0.12	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	141541		02/08/05 2012	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	141541		02/08/05 2012	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	141541		02/08/05 2012	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	141541		02/08/05 2012	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 2012	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	141541		02/08/05 2012	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233967 Date: 02/10/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RYAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: LL7mw-005-GW
 Date Sampled.....: 02/02/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233967-3
 Date Received.....: 02/03/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	141541		02/08/05 2012	jdn
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	141541		02/08/05 2012	jdn
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 2012	jdn
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	141541		02/08/05 2012	jdn
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	141541		02/08/05 2012	jdn
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 2012	jdn
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	141541		02/08/05 2012	jdn
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 2012	jdn
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 2012	jdn
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	141541		02/08/05 2012	jdn
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	141541		02/08/05 2012	jdn

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233967 Date: 02/17/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 1A ADCS ATTN: Eric Ellis

Customer Sample ID: LL7mw-005-GW
 Date Sampled.....: 02/02/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233967-3
 Date Received.....: 02/03/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.8	U		0.34	4.8	1.00000	ug/L	142269		02/11/05 1612	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.41	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.34	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	142269		02/11/05 1612	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.48	U		0.078	0.48	1.00000	ug/L	142269		02/11/05 1612	dpk
	Hexachloroethane, Low Level Water	4.8	U		0.59	4.8	1.00000	ug/L	142269		02/11/05 1612	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.096	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	2-Chlorophenol, Low Level Water	4.8	U		0.12	4.8	1.00000	ug/L	142269		02/11/05 1612	dpk
	Nitrobenzene, Low Level Water	0.96	U		0.15	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	142269		02/11/05 1612	dpk
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	2,4-Dimethylphenol, Low Level Water	9.6	U		1.2	9.6	1.00000	ug/L	142269		02/11/05 1612	dpk
	Hexachlorobutadiene, Low Level Water	4.8	U		0.62	4.8	1.00000	ug/L	142269		02/11/05 1612	dpk
	Naphthalene, Low Level Water	0.96	U		0.15	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk
	2,4-Dichlorophenol, Low Level Water	9.6	U		0.87	9.6	1.00000	ug/L	142269		02/11/05 1612	dpk
	4-Chloroaniline, Low Level Water	9.6	U		2.7	9.6	1.00000	ug/L	142269		02/11/05 1612	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.8	U		0.20	4.8	1.00000	ug/L	142269		02/11/05 1612	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.6	U		1.3	9.6	1.00000	ug/L	142269		02/11/05 1612	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U	*	0.62	19	1.00000	ug/L	142269		02/11/05 1612	dpk
	2-Methylnaphthalene, Low Level Water	0.48	U	*	0.12	0.48	1.00000	ug/L	142269		02/11/05 1612	dpk
	2-Nitroaniline, Low Level Water	4.8	U		0.21	4.8	1.00000	ug/L	142269		02/11/05 1612	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 233967

Date: 02/17/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: LL7mw-005-GW
 Date Sampled.....: 02/02/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233967-3
 Date Received.....: 02/03/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.6	U		2.3	9.6	1.00000	ug/L	142269		02/11/05 1612	dpk
	2,6-Dinitrotoluene, Low Level Water	0.48	U		0.11	0.48	1.00000	ug/L	142269		02/11/05 1612	dpk
	2-Nitrophenol, Low Level Water	9.6	U		0.79	9.6	1.00000	ug/L	142269		02/11/05 1612	dpk
	3-Nitroaniline, Low Level Water	9.6	U		2.0	9.6	1.00000	ug/L	142269		02/11/05 1612	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.2	19	1.00000	ug/L	142269		02/11/05 1612	dpk
	Acenaphthylene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk
	2,4-Dinitrotoluene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk
	Acenaphthene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.12	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	4-Nitrophenol, Low Level Water	19	U		3.6	19	1.00000	ug/L	142269		02/11/05 1612	dpk
	Fluorene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk
	4-Nitroaniline, Low Level Water	9.6	U		2.2	9.6	1.00000	ug/L	142269		02/11/05 1612	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.8	U		0.18	4.8	1.00000	ug/L	142269		02/11/05 1612	dpk
	Hexachlorobenzene, Low Level Water	0.48	U		0.093	0.48	1.00000	ug/L	142269		02/11/05 1612	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.14	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.8	U		0.72	4.8	1.00000	ug/L	142269		02/11/05 1612	dpk
	Pentachlorophenol, Low Level Water	9.6	U		1.6	9.6	1.00000	ug/L	142269		02/11/05 1612	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	142269		02/11/05 1612	dpk
	Phenanthrene, Low Level Water	0.96	U		0.13	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk
	Anthracene, Low Level Water	0.96	U		0.14	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk
	Carbazole, Low Level Water	4.8	U		0.28	4.8	1.00000	ug/L	142269		02/11/05 1612	dpk
	Di-n-butyl phthalate, Low Level Water	4.8	U		0.35	4.8	1.00000	ug/L	142269		02/11/05 1612	dpk
	Fluoranthene, Low Level Water	0.96	U		0.13	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk
	Pyrene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.37	1.9	1.00000	ug/L	142269		02/11/05 1612	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.047	0.19	1.00000	ug/L	142269		02/11/05 1612	dpk
	Chrysene, Low Level Water	0.48	U		0.043	0.48	1.00000	ug/L	142269		02/11/05 1612	dpk

* In Description = Dry Wgt.

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Job Number: 233967		LABORATORY TEST RESULTS					Date: 02/17/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP TA AGCS			ATTN: Eric Ellis						
Customer Sample ID: LL7MW-005-GW			Laboratory Sample ID: 233967-3									
Date Sampled.....: 02/02/2005			Date Received.....: 02/03/2005									
Time Sampled.....: 10:00			Time Received.....: 09:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.8	U		0.69	4.8	1.00000	ug/L	142269		02/11/05 1612	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U		3.7	14	1.00000	ug/L	142269		02/11/05 1612	dpk
	Di-n-octyl phthalate, Low Level Water	9.6	U		2.4	9.6	1.00000	ug/L	142269		02/11/05 1612	dpk
	Benzo(b)fluoranthene, Low Level Water	0.38	U		0.064	0.38	1.00000	ug/L	142269		02/11/05 1612	dpk
	Benzo(k)fluoranthene, Low Level Water	0.38	U		0.069	0.38	1.00000	ug/L	142269		02/11/05 1612	dpk
	Benzo(a)pyrene, Low Level Water	0.38	U		0.081	0.38	1.00000	ug/L	142269		02/11/05 1612	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.38	U		0.083	0.38	1.00000	ug/L	142269		02/11/05 1612	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.38	U		0.12	0.38	1.00000	ug/L	142269		02/11/05 1612	dpk
	Benzo(ghi)perylene, Low Level Water	0.96	U		0.18	0.96	1.00000	ug/L	142269		02/11/05 1612	dpk

* In Description = Dry Wgt.

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Job Number: 233967 LABORATORY TEST RESULTS Date: 02/11/2005

CUSTOMER: NKM Engineers, Inc. PROJECT: USAGE BVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: LL7mw-005-GW
 Date Sampled.....: 02/02/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233967-3
 Date Received.....: 02/03/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.36	U		0.079	0.36	1.00000	ug/L	141749		02/04/05 0426	san
	RDX	0.23	U		0.075	0.23	1.00000	ug/L	141749		02/04/05 0426	san
	1,3,5-Trinitrobenzene	0.23	U		0.068	0.23	1.00000	ug/L	141749		02/04/05 0426	san
	1,3-Dinitrobenzene	0.23	U		0.064	0.23	1.00000	ug/L	141749		02/04/05 0426	san
	Nitrobenzene	0.19	U		0.051	0.19	1.00000	ug/L	141749		02/04/05 0426	san
	2,4,6-TNT	0.29	U		0.091	0.29	1.00000	ug/L	141749		02/04/05 0426	san
	Tetryl	0.91	U		0.19	0.91	1.00000	ug/L	141749		02/04/05 0426	san
	2,4-Dinitrotoluene	0.42	U		0.14	0.42	1.00000	ug/L	141749		02/04/05 0426	san
	2,6-Dinitrotoluene	0.50	U		0.17	0.50	1.00000	ug/L	141749		02/04/05 0426	san
	2-Amino-4,6-Dinitrotoluene	0.42	U		0.14	0.42	1.00000	ug/L	141749		02/04/05 0426	san
	4-Amino-2,6-Dinitrotoluene	0.39	U		0.13	0.39	1.00000	ug/L	141749		02/04/05 0426	san
	2-Nitrotoluene	0.36	U		0.11	0.36	1.00000	ug/L	141749		02/04/05 0426	san
	4-Nitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	141749		02/04/05 0426	san
3-Nitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	141749		02/04/05 0426	san	
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.2	U		0.18	1.2	1.00000	ug/L	141746		02/08/05 0000	san	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LL7mw-005-GW

Trace Level Organic Compounds

Lot-Sample #...: G5B030277-001 Work Order #...: G3P421AC Matrix.....: WATER
Date Sampled...: 02/02/05 10:00 Date Received...: 02/03/05
Prep Date.....: 02/14/05 Analysis Date...: 02/16/05
Prep Batch #...: 5045319
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: LL7mw-005-GW

General Chemistry

Lot-Sample #...: G5B030277-001 Work Order #...: G3P42 Matrix.....: WATER
Date Sampled...: 02/02/05 10:00 Date Received...: 02/03/05

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	02/07/05	5038372
		Dilution Factor: 1		Initial Wgt/Vol: 100 mL	Final Wgt/Vol...: 40 mL	
		MDL.....: 0.12				

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Job Number: 233742		LABORATORY TEST RESULTS						Date: 02/07/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL7mw-006-GW Date Sampled.....: 01/25/2005 Time Sampled.....: 11:30 Sample Matrix.....: Water			Laboratory Sample ID: 233742-3 Date Received.....: 01/26/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
353.2	Nitrogen, NO2, NO3 (Auto Cd Red.) Nitrate as N (NO3-N)	0.20	U		0.057	0.20	1	mg/L	140461		01/27/05 1231	kd

* In Description = Dry Wgt.

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Job Number: 233742		LABORATORY TEST RESULTS						Date:02/08/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS			ATTN: Eric Ellis						
Customer Sample ID: LL7mw-006-GW			Laboratory Sample ID: 233742-3									
Date Sampled.....: 01/25/2005			Date Received.....: 01/26/2005									
Time Sampled.....: 11:30			Time Received.....: 09:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	140904		02/01/05 1346	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	141028		02/02/05 1132	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	141171		02/03/05 1950	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	140803		02/01/05 0036	daj
7470A	Mercury (CVAA) Mercury	0.16	B		0.063	0.20	1	ug/L	140548		01/27/05 1653	gok
60108	Metals Analysis (ICAP Trace)											
	Aluminum	41	B		24	150	1	ug/L	140998		02/03/05 0118	tds
	Barium	31			1.3	10	1	ug/L	140998		02/03/05 0118	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	140998		02/03/05 0118	tds
	Cadmium	0.36	B		0.25	2.0	1	ug/L	140998		02/03/05 0118	tds
	Calcium	6800			9.5	100	1	ug/L	140998		02/03/05 0118	tds
	Chromium	10	U		1.1	10	1	ug/L	140998		02/03/05 0118	tds
	Cobalt	2.6	B		0.80	5.0	1	ug/L	140998		02/03/05 0118	tds
	Copper	10	U		2.2	10	1	ug/L	140998		02/03/05 0118	tds
	Iron	3600			38	120	1	ug/L	140998		02/03/05 0118	tds
	Magnesium	3800			8.1	100	1	ug/L	140998		02/03/05 0118	tds
	Manganese	2000			0.41	10	1	ug/L	140998		02/03/05 0118	tds
	Nickel	8.8	B		1.0	10	1	ug/L	140998		02/03/05 0118	tds
	Potassium	1300			66	500	1	ug/L	140998		02/03/05 0118	tds

* In Description = Dry Wgt.

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Job Number: 233742 LABORATORY TEST RESULTS Date: 02/08/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: LL7MW-006-GW Laboratory Sample ID: 233742-3
 Date Sampled.....: 01/25/2005 Date Received.....: 01/26/2005
 Time Sampled.....: 11:30 Time Received.....: 09:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	140998		02/03/05 0118	tds
	Silver	10	U		0.72	10	1	ug/L	140998		02/03/05 0118	tds
	Sodium	8700			490	1500	1	ug/L	140998		02/03/05 0118	tds
	Vanadium	10	U		1.0	10	1	ug/L	140998		02/03/05 0118	tds
	Zinc	26	B		1.6	30	1	ug/L	140998		02/03/05 0118	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233742

Date: 02/08/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: ERIC ELIIS

Customer Sample ID: LL7mw-006-GW
 Date Sampled.....: 01/25/2005
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233742-3
 Date Received.....: 01/26/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	141474		02/03/05 2239	kdl
	beta-BHC	0.099	U		0.028	0.099	1.00000	ug/L	141474		02/03/05 2239	kdl
	delta-BHC	0.099	U		0.025	0.099	1.00000	ug/L	141474		02/03/05 2239	kdl
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	141474		02/03/05 2239	kdl
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	141474		02/03/05 2239	kdl
	Aldrin	0.099	U		0.028	0.099	1.00000	ug/L	141474		02/03/05 2239	kdl
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	141474		02/03/05 2239	kdl
	Endosulfan I	0.099	U		0.021	0.099	1.00000	ug/L	141474		02/03/05 2239	kdl
	Dieldrin	0.099	U		0.018	0.099	1.00000	ug/L	141474		02/03/05 2239	kdl
	4,4'-DDE	0.099	U		0.023	0.099	1.00000	ug/L	141474		02/03/05 2239	kdl
	Endrin	0.099	U		0.017	0.099	1.00000	ug/L	141474		02/03/05 2239	kdl
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	141474		02/03/05 2239	kdl
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	141474		02/03/05 2239	kdl
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	141474		02/03/05 2239	kdl
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	141474		02/03/05 2239	kdl
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	141474		02/03/05 2239	kdl
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	141474		02/03/05 2239	kdl
	gamma-Chlordane	0.099	U		0.017	0.099	1.00000	ug/L	141474		02/03/05 2239	kdl
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	141474		02/03/05 2239	kdl
	Endrin ketone	0.099	U		0.029	0.099	1.00000	ug/L	141474		02/03/05 2239	kdl
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	141474		02/03/05 2239	kdl

* In Description = Dry Wgt.

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Job Number: 233742		LABORATORY TEST RESULTS							Date: 02/09/2005			
CUSTOMER: NKN Engineers, Inc				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: LL7mw-006-GW Date Sampled.....: 01/25/2005 Time Sampled.....: 11:30 Sample Matrix.....: Water				Laboratory Sample ID: 233742-3 Date Received.....: 01/26/2005 Time Received.....: 09:00								
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.59		U	0.18	0.59	1.00000	ug/L	141488		01/28/05 1424	bjt
	Aroclor 1221	1.3		U	0.42	1.3	1.00000	ug/L	141488		01/28/05 1424	bjt
	Aroclor 1232	1.3		U	0.35	1.3	1.00000	ug/L	141488		01/28/05 1424	bjt
	Aroclor 1242	1.3		U	0.43	1.3	1.00000	ug/L	141488		01/28/05 1424	bjt
	Aroclor 1248	1.5		U	0.48	1.5	1.00000	ug/L	141488		01/28/05 1424	bjt
	Aroclor 1254	1.3		U	0.35	1.3	1.00000	ug/L	141488		01/28/05 1424	bjt
	Aroclor 1260	0.59		U	0.17	0.59	1.00000	ug/L	141488		01/28/05 1424	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233742

Date: 02/08/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOGS

ATTN: Eric Ellis

Customer Sample ID: LL7mw-006-GW
 Date Sampled.....: 01/25/2005
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233742-3
 Date Received.....: 01/26/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	Bromomethane	1.0	U	*	0.10	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	Acetone	10	U		1.8	10	1.00000	ug/L	140908		02/02/05 0813	Lm
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140908		02/02/05 0813	Lm
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140908		02/02/05 0813	Lm
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140908		02/02/05 0813	Lm
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0813	Lm
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140908		02/02/05 0813	Lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233742								Date: 02/08/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: LL7mw-006-GW Date Sampled.....: 01/25/2005 Time Sampled.....: 11:30 Sample Matrix.....: Water						Laboratory Sample ID: 233742-3 Date Received.....: 01/26/2005 Time Received.....: 09:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	140908		02/02/05 0813	lm
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0813	lm
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0813	lm
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140908		02/02/05 0813	lm
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140908		02/02/05 0813	lm
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0813	lm
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0813	lm
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0813	lm
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0813	lm
	1,2-Dichloroethane (total)	1.0	U		0.23	1.0	1.00000	ug/L	140908		02/02/05 0813	lm
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140908		02/02/05 0813	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233742						Date: 02/08/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis				
Customer Sample ID: LL7MW-006-GW Date Sampled.....: 01/25/2005 Time Sampled.....: 11:30 Sample Matrix.....: Water						Laboratory Sample ID: 233742-3 Date Received.....: 01/26/2005 Time Received.....: 09:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.9	U		0.34	4.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.42	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.34	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	141359		01/31/05 1450	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	141359		01/31/05 1450	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.59	4.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.097	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	Nitrobenzene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	141359		01/31/05 1450	dpk
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	2,4-Dimethylphenol, Low Level Water	9.7	U		1.3	9.7	1.00000	ug/L	141359		01/31/05 1450	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.62	4.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	Naphthalene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk
	2,4-Dichlorophenol, Low Level Water	9.7	U		0.88	9.7	1.00000	ug/L	141359		01/31/05 1450	dpk
	4-Chloroaniline, Low Level Water	9.7	U		2.7	9.7	1.00000	ug/L	141359		01/31/05 1450	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.20	4.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.7	U		1.4	9.7	1.00000	ug/L	141359		01/31/05 1450	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U		0.63	19	1.00000	ug/L	141359		01/31/05 1450	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	141359		01/31/05 1450	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233742 Date: 02/08/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: LL7mw-006-GW
 Date Sampled.....: 01/25/2005
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233742-3
 Date Received.....: 01/26/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.7	U	2.3	9.7	1.00000	ug/L	141359		01/31/05 1450	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U	0.11	0.49	1.00000	ug/L	141359		01/31/05 1450	dpk
	2-Nitrophenol, Low Level Water	9.7	U	0.80	9.7	1.00000	ug/L	141359		01/31/05 1450	dpk
	3-Nitroaniline, Low Level Water	9.7	U	2.0	9.7	1.00000	ug/L	141359		01/31/05 1450	dpk
	Dimethyl phthalate, Low Level Water	1.9	U	0.20	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	2,4-Dinitrophenol, Low Level Water	19	U	3.2	19	1.00000	ug/L	141359		01/31/05 1450	dpk
	Acenaphthylene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk
	2,4-Dinitrotoluene, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk
	Acenaphthene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk
	Dibenzofuran, Low Level Water	1.9	U	0.13	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	4-Nitrophenol, Low Level Water	19	U	3.6	19	1.00000	ug/L	141359		01/31/05 1450	dpk
	Fluorene, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk
	4-Nitroaniline, Low Level Water	9.7	U	2.2	9.7	1.00000	ug/L	141359		01/31/05 1450	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U	0.18	4.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	Hexachlorobenzene, Low Level Water	0.49	U	0.094	0.49	1.00000	ug/L	141359		01/31/05 1450	dpk
	Diethyl phthalate, Low Level Water	1.9	U	0.15	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U	0.73	4.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	Pentachlorophenol, Low Level Water	9.7	U	1.7	9.7	1.00000	ug/L	141359		01/31/05 1450	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U	2.3	19	1.00000	ug/L	141359		01/31/05 1450	dpk
	Phenanthrene, Low Level Water	0.97	U	0.14	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk
	Anthracene, Low Level Water	0.97	U	0.15	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk
	Carbazole, Low Level Water	4.9	U	0.28	4.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U	0.35	4.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	Fluoranthene, Low Level Water	0.97	U	0.14	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk
	Pyrene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U	0.38	1.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U	0.048	0.19	1.00000	ug/L	141359		01/31/05 1450	dpk
	Chrysene, Low Level Water	0.49	U	0.044	0.49	1.00000	ug/L	141359		01/31/05 1450	dpk

* In Description = Dry Wgt.

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Job Number: 233742		LABORATORY TEST RESULTS						Date: 02/08/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADDS			ATTN: Eric Ellis						
Customer Sample ID: LL7MW-006-GW Date Sampled.....: 01/25/2005 Time Sampled.....: 11:30 Sample Matrix.....: Water			Laboratory Sample ID: 233742-3 Date Received.....: 01/26/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.9	U		0.70	4.9	1.00000	ug/L	141359		01/31/05 1450	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	141359		01/31/05 1450	dpk
	Di-n-octyl phthalate, Low Level Water	9.7	U		2.4	9.7	1.00000	ug/L	141359		01/31/05 1450	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.065	0.39	1.00000	ug/L	141359		01/31/05 1450	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.070	0.39	1.00000	ug/L	141359		01/31/05 1450	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	141359		01/31/05 1450	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.083	0.39	1.00000	ug/L	141359		01/31/05 1450	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	141359		01/31/05 1450	dpk
	Benzo(ghi)perylene, Low Level Water	0.97	U		0.18	0.97	1.00000	ug/L	141359		01/31/05 1450	dpk

* In Description = Dry Wgt.

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Job Number: 233742		LABORATORY TEST RESULTS						Date: 02/07/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AOCs				ATTN: Eric Elliot					
Customer Sample ID: LL7mw-006-GW Date Sampled.....: 01/25/2005 Time Sampled.....: 11:30 Sample Matrix.....: Water			Laboratory Sample ID: 233742-3 Date Received.....: 01/26/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.32	U		0.069	0.32	1.00000	ug/L	141267		01/27/05 0800	san
	RDX	0.25	U		0.065	0.20	1.00000	ug/L	141267		01/27/05 0800	san
	1,3,5-Trinitrobenzene	0.20	U		0.059	0.20	1.00000	ug/L	141267		01/27/05 0800	san
	1,3-Dinitrobenzene	0.20	U		0.056	0.20	1.00000	ug/L	141267		01/27/05 0800	san
	Nitrobenzene	0.16	U		0.045	0.16	1.00000	ug/L	141267		01/27/05 0800	san
	2,4,6-TNT	0.25	U		0.079	0.25	1.00000	ug/L	141267		01/27/05 0800	san
	Tetryl	0.79	U		0.17	0.79	1.00000	ug/L	141267		01/27/05 0800	san
	2,4-Dinitrotoluene	0.37	U		0.12	0.37	1.00000	ug/L	141267		01/27/05 0800	san
	2,6-Dinitrotoluene	0.44	U		0.15	0.44	1.00000	ug/L	141267		01/27/05 0800	san
	2-Amino-4,6-Dinitrotoluene	0.37	U		0.12	0.37	1.00000	ug/L	141267		01/27/05 0800	san
	4-Amino-2,6-Dinitrotoluene	0.34	U		0.11	0.34	1.00000	ug/L	141267		01/27/05 0800	san
	2-Nitrotoluene	0.32	U		0.095	0.32	1.00000	ug/L	141267		01/27/05 0800	san
	4-Nitrotoluene	0.32	U		0.10	0.32	1.00000	ug/L	141267		01/27/05 0800	san
	3-Nitrotoluene	0.32	U		0.10	0.32	1.00000	ug/L	141267		01/27/05 0800	san
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.0	U	*	0.15	1.0	1.00000	ug/L	141264		01/27/05 0806	san	

* In Description = Dry Wgt.

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STL CHICAGO

Client Sample ID: LL7mw-006-GW

Trace Level Organic Compounds

Lot-Sample #...: G5A260339-003 Work Order #...: G29HE1AC Matrix.....: WATER
Date Sampled...: 01/25/05 11:30 Date Received...: 01/26/05
Prep Date.....: 02/02/05 Analysis Date...: 02/03/05
Prep Batch #...: 5033433
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: IL7mw-006-GW

General Chemistry

Lot-Sample #...: G5A260339-003
Date Sampled...: 01/25/05

Work Order #...: G29HE
Date Received...: 01/26/05

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	0.13 B,J	0.50	mg/L	MCAWW 353.2	02/07/05	5038372
	MDL.....: 0.12					

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

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02

Job Number: 233126		LABORATORY TEST RESULTS					Date: 01/14/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis					
Customer Sample ID: LL8MW-001-GW			Laboratory Sample ID: 233126-1								
Date Sampled: 01/03/2005			Date Received: 01/04/2005								
Time Sampled: 10:00			Time Received: 09:00								
Sample Matrix: Water											
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
353.2	Nitrogen, NO2, NO3 (Auto Cd Red.) Nitrate as N (NO3-N)	0.20	U	0.057	0.20	1	mg/L	138820		01/05/05 1339	kd

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/18/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14-A068				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-001-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-1 Date Received.....: 01/04/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	138893		01/05/05 1545	daj
7060A	Arsenic (GFAA) Arsenic	2.1			0.51	2.0	1	ug/L	138871		01/05/05 1522	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	138980		01/06/05 1432	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	138987		01/06/05 1455	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	138823		01/05/05 1243	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	139514		01/14/05 1323	tds
	Barium	48			1.3	10	1	ug/L	139514		01/14/05 1323	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	139514		01/14/05 1323	tds
	Cadmium	0.25	B		0.25	2.0	1	ug/L	139598		01/17/05 1420	tds
	Calcium	81000			9.5	100	1	ug/L	139598		01/17/05 1420	tds
	Chromium	10	U		1.1	10	1	ug/L	139514		01/14/05 1323	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	139514		01/14/05 1323	tds
	Copper	10	U		2.2	10	1	ug/L	139514		01/14/05 1323	tds
	Iron	770			38	120	1	ug/L	139514		01/14/05 1323	tds
	Magnesium	37000			8.1	100	1	ug/L	139514		01/14/05 1323	tds
	Manganese	390			0.41	10	1	ug/L	139514		01/14/05 1323	tds
	Nickel	10	U		1.0	10	1	ug/L	139514		01/14/05 1323	tds
	Potassium	4100			66	500	1	ug/L	139514		01/14/05 1323	tds

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/18/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-001-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-1 Date Received.....: 01/04/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	139598		01/17/05 1420	tds
	Silver	10	U		0.72	10	1	ug/L	139514		01/14/05 1323	tds
	Sodium	19000			490	1500	1	ug/L	139514		01/14/05 1323	tds
	Vanadium	1.1	B		1.0	10	1	ug/L	139598		01/17/05 1420	tds
	Zinc	5.5	B		1.6	30	1	ug/L	139514		01/14/05 1323	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233126				Date: 01/17/2005								
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RMAAP 14 AODS				ATTN: Eric Ellis				
Customer Sample ID: LL8mw-001-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water						Laboratory Sample ID: 233126-1 Date Received.....: 01/04/2005 Time Received.....: 09:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.14	U		0.044	0.14	1.00000	ug/L	139574		01/07/05 0528	kdL
	beta-BHC	0.094	U		0.026	0.094	1.00000	ug/L	139574		01/07/05 0528	kdL
	delta-BHC	0.094	U		0.024	0.094	1.00000	ug/L	139574		01/07/05 0528	kdL
	gamma-BHC (Lindane)	0.14	U		0.040	0.14	1.00000	ug/L	139574		01/07/05 0528	kdL
	Heptachlor	0.14	U		0.039	0.14	1.00000	ug/L	139574		01/07/05 0528	kdL
	Aldrin	0.094	U		0.026	0.094	1.00000	ug/L	139574		01/07/05 0528	kdL
	Heptachlor epoxide	0.14	U		0.034	0.14	1.00000	ug/L	139574		01/07/05 0528	kdL
	Endosulfan I	0.094	U		0.020	0.094	1.00000	ug/L	139574		01/07/05 0528	kdL
	Dieldrin	0.094	U		0.017	0.094	1.00000	ug/L	139574		01/07/05 0528	kdL
	4,4'-DDE	0.094	U		0.022	0.094	1.00000	ug/L	139574		01/07/05 0528	kdL
	Endrin	0.094	U		0.016	0.094	1.00000	ug/L	139574		01/07/05 0528	kdL
	Endosulfan II	0.14	U		0.040	0.14	1.00000	ug/L	139574		01/07/05 0528	kdL
	4,4'-DDD	0.10	U		0.034	0.10	1.00000	ug/L	139574		01/07/05 0528	kdL
	Endosulfan sulfate	0.14	U		0.042	0.14	1.00000	ug/L	139574		01/07/05 0528	kdL
	4,4'-DDT	0.14	U		0.046	0.14	1.00000	ug/L	139574		01/07/05 0528	kdL
	Methoxychlor	0.57	U		0.16	0.57	1.00000	ug/L	139574		01/07/05 0528	kdL
	alpha-Chlordane	0.047	U		0.015	0.047	1.00000	ug/L	139574		01/07/05 0528	kdL
	gamma-Chlordane	0.094	U		0.016	0.094	1.00000	ug/L	139574		01/07/05 0528	kdL
	Endrin aldehyde	0.14	U		0.033	0.14	1.00000	ug/L	139574		01/07/05 0528	kdL
	Endrin ketone	0.094	U		0.027	0.094	1.00000	ug/L	139574		01/07/05 0528	kdL
	Toxaphene	0.47	U		0.13	0.47	1.00000	ug/L	139574		01/07/05 0528	kdL

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date:01/10/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis						
Customer Sample ID: LL8mw-001-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-1 Date Received.....: 01/04/2005 Time Received.....: 09:00										
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8082	PCB Analysis												
	Aroclor 1016	0.57	U		0.17	0.57	1.00000	ug/L	139056		01/06/05 1316	bjt	
	Aroclor 1221	1.2	U		0.40	1.2	1.00000	ug/L	139056		01/06/05 1316	bjt	
	Aroclor 1232	1.2	U		0.33	1.2	1.00000	ug/L	139056		01/06/05 1316	bjt	
	Aroclor 1242	1.2	U		0.41	1.2	1.00000	ug/L	139056		01/06/05 1316	bjt	
	Aroclor 1248	1.4	U		0.45	1.4	1.00000	ug/L	139056		01/06/05 1316	bjt	
	Aroclor 1254	1.2	U		0.33	1.2	1.00000	ug/L	139056		01/06/05 1316	bjt	
	Aroclor 1260	0.57	U		0.16	0.57	1.00000	ug/L	139056		01/06/05 1316	bjt	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233126 Date: 01/14/2005

CUSTOMER: HKM Engineers, Inc. PROJECT: USACE RVAAP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: LL&W-001-GW
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-1
 Date Received.....: 01/04/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	1,1-Dichloroethane	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	139434		01/07/05 1808	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	139434		01/07/05 1808	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	139434		01/07/05 1808	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	139434		01/07/05 1808	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	139434		01/07/05 1808	jdj

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/14/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGES				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-001-GW			Laboratory Sample ID: 233126-1									
Date Sampled.....: 01/03/2005			Date Received.....: 01/04/2005									
Time Sampled.....: 10:00			Time Received.....: 09:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	139434		01/07/05 1808	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233126

Date: 01/11/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RVAAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: LL8mw-001-GW
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-1
 Date Received.....: 01/04/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	5.2	U		0.36	5.2	1.00000	ug/L	139165		01/06/05 1022	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.1	U		0.31	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	1,3-Dichlorobenzene, Low Level Water	2.1	U		0.44	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	1,4-Dichlorobenzene, Low Level Water	2.1	U		0.34	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	1,2-Dichlorobenzene, Low Level Water	2.1	U		0.36	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	Benzyl alcohol, Low Level Water	21	U		2.3	21	1.00000	ug/L	139165		01/06/05 1022	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.1	U		0.29	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.52	U		0.084	0.52	1.00000	ug/L	139165		01/06/05 1022	dpk
	Hexachloroethane, Low Level Water	5.2	U		0.63	5.2	1.00000	ug/L	139165		01/06/05 1022	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.1	U		0.10	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	2-Chlorophenol, Low Level Water	5.2	U		0.12	5.2	1.00000	ug/L	139165		01/06/05 1022	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.1	U		0.32	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.1	U		0.35	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	Benzoic acid, Low Level Water	21	U		3.1	21	1.00000	ug/L	139165		01/06/05 1022	dpk
	Isophorone, Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	139165		01/06/05 1022	dpk
	Hexachlorobutadiene, Low Level Water	5.2	U		0.66	5.2	1.00000	ug/L	139165		01/06/05 1022	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.94	10	1.00000	ug/L	139165		01/06/05 1022	dpk
	4-Chloroaniline, Low Level Water	10	U		2.9	10	1.00000	ug/L	139165		01/06/05 1022	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.2	U		0.22	5.2	1.00000	ug/L	139165		01/06/05 1022	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	139165		01/06/05 1022	dpk
	Hexachlorocyclopentadiene, Low Level Water	21	U		0.67	21	1.00000	ug/L	139165		01/06/05 1022	dpk
	2-Methylnaphthalene, Low Level Water	0.52	U		0.13	0.52	1.00000	ug/L	139165		01/06/05 1022	dpk
	2-Nitroaniline, Low Level Water	5.2	U		0.23	5.2	1.00000	ug/L	139165		01/06/05 1022	dpk
	2-Chloronaphthalene, Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233126

Date: 01/11/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 ADS ATTN: Eric Ellis

Customer Sample ID: LL8mw-001-GW
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-1
 Date Received.....: 01/04/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RI	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U		2.5	10	1.00000	ug/L	139165		01/06/05 1022	dpk
	2,6-Dinitrotoluene, Low Level Water	0.52	U		0.11	0.52	1.00000	ug/L	139165		01/06/05 1022	dpk
	2-Nitrophenol, Low Level Water	10	U		0.85	10	1.00000	ug/L	139165		01/06/05 1022	dpk
	3-Nitroaniline, Low Level Water	10	U		2.2	10	1.00000	ug/L	139165		01/06/05 1022	dpk
	Dimethyl phthalate, Low Level Water	2.1	U		0.22	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	2,4-Dinitrophenol, Low Level Water	21	U		3.4	21	1.00000	ug/L	139165		01/06/05 1022	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk
	Dibenzofuran, Low Level Water	2.1	U		0.13	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	4-Nitrophenol, Low Level Water	21	U		3.8	21	1.00000	ug/L	139165		01/06/05 1022	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk
	4-Nitroaniline, Low Level Water	10	U		2.4	10	1.00000	ug/L	139165		01/06/05 1022	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.2	U		0.20	5.2	1.00000	ug/L	139165		01/06/05 1022	dpk
	Hexachlorobenzene, Low Level Water	0.52	U		0.10	0.52	1.00000	ug/L	139165		01/06/05 1022	dpk
	Diethyl phthalate, Low Level Water	2.1	U		0.15	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.2	U		0.77	5.2	1.00000	ug/L	139165		01/06/05 1022	dpk
	Pentachlorophenol, Low Level Water	10	U		1.8	10	1.00000	ug/L	139165		01/06/05 1022	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	21	U		2.5	21	1.00000	ug/L	139165		01/06/05 1022	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk
	Carbazole, Low Level Water	5.2	U		0.30	5.2	1.00000	ug/L	139165		01/06/05 1022	dpk
	Di-n-butyl phthalate, Low Level Water	5.2	U		0.37	5.2	1.00000	ug/L	139165		01/06/05 1022	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk
	Butyl benzyl phthalate, Low Level Water	2.1	U		0.40	2.1	1.00000	ug/L	139165		01/06/05 1022	dpk
	Benzo(a)anthracene, Low Level Water	0.21	U		0.051	0.21	1.00000	ug/L	139165		01/06/05 1022	dpk
	Chrysene, Low Level Water	0.52	U		0.046	0.52	1.00000	ug/L	139165		01/06/05 1022	dpk

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS							Date: 01/11/2005			
CUSTOMER: HGM Engineers, Inc.				PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis				
Customer Sample ID: LL8mw-001-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water				Laboratory Sample ID: 233126-1 Date Received.....: 01/04/2005 Time Received.....: 09:00								
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.2	U		0.74	5.2	1.00000	ug/L	139165		01/06/05 1022	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		4.0	15	1.00000	ug/L	139165		01/06/05 1022	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	139165		01/06/05 1022	dpk
	Benzo(b)fluoranthene, Low Level Water	0.41	U		0.069	0.41	1.00000	ug/L	139165		01/06/05 1022	dpk
	Benzo(k)fluoranthene, Low Level Water	0.41	U		0.074	0.41	1.00000	ug/L	139165		01/06/05 1022	dpk
	Benzo(a)pyrene, Low Level Water	0.41	U		0.087	0.41	1.00000	ug/L	139165		01/06/05 1022	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.41	U		0.089	0.41	1.00000	ug/L	139165		01/06/05 1022	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.41	U		0.13	0.41	1.00000	ug/L	139165		01/06/05 1022	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.20	1.0	1.00000	ug/L	139165		01/06/05 1022	dpk

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date:01/12/2005				
CUSTOMER: NKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LtBmw-001-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-1 Date Received.....: 01/04/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.49		U	0.11	0.49	1.00000	ug/L	139261		01/07/05 0254	san
	RDX	0.31		U	0.10	0.31	1.00000	ug/L	139261		01/07/05 0254	san
	1,3,5-Trinitrobenzene	0.31		U	0.091	0.31	1.00000	ug/L	139261		01/07/05 0254	san
	1,3-Dinitrobenzene	0.31		U	0.086	0.31	1.00000	ug/L	139261		01/07/05 0254	san
	Nitrobenzene	0.25		U	0.069	0.25	1.00000	ug/L	139261		01/07/05 0254	san
	2,4,6-TNT	0.39		U	0.12	0.39	1.00000	ug/L	139261		01/07/05 0254	san
	Tetryl	1.2		U	0.26	1.2	1.00000	ug/L	139261		01/07/05 0254	san
	2,4-Dinitrotoluene	0.56		U	0.19	0.56	1.00000	ug/L	139261		01/07/05 0254	san
	2,6-Dinitrotoluene	0.67		U	0.22	0.67	1.00000	ug/L	139261		01/07/05 0254	san
	2-Amino-4,6-Dinitrotoluene	0.56		U	0.19	0.56	1.00000	ug/L	139261		01/07/05 0254	san
	4-Amino-2,6-Dinitrotoluene	0.52		U	0.18	0.52	1.00000	ug/L	139261		01/07/05 0254	san
	2-Nitrotoluene	0.49		U	0.15	0.49	1.00000	ug/L	139261		01/07/05 0254	san
	4-Nitrotoluene	0.49		U	0.16	0.49	1.00000	ug/L	139261		01/07/05 0254	san
	3-Nitrotoluene	0.49		U	0.16	0.49	1.00000	ug/L	139261		01/07/05 0254	san

* In Description = Dry Wgt.

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Job Number: 233126 LABORATORY TEST RESULTS Date: 01/14/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AQCS ATTN: Eric Ellis

Customer Sample ID: E18mw-001-DUP Laboratory Sample ID: 233126-2
 Date Sampled.....: 01/03/2005 Date Received.....: 01/04/2005
 Time Sampled.....: 10:00 Time Received.....: 09:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q-FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
353.2	Nitrogen, NO2, NO3 (Auto Cd Red.) Nitrate as N (NO3-N)	0.20	U	0.057	0.20	1	mg/L	138820		01/05/05 1345	kd

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/18/2005				
CUSTOMER: NCM Engineers, Inc.			PROJECT: USACE RVAAP T&ADCS				ATTN: Eric Ellis					
Customer Sample ID: LL&mw-001-DUP Date Sampled.....: 01/03/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-2 Date Received.....: 01/04/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5		U	2.5	7.5	1	ug/L	139271		01/11/05 1204	daj
7060A	Arsenic (GFAA) Arsenic	1.9		B	0.51	2.0	1	ug/L	138871		01/05/05 1449	daj
7421	Lead (GFAA) Lead	3.0		U	0.79	3.0	1	ug/L	138980		01/06/05 1553	daj
7841	Thallium (GFAA) Thallium	2.2		B	1.3	4.0	1	ug/L	138987		01/06/05 1545	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	138823		01/05/05 1249	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150		U	24	150	1	ug/L	139514		01/14/05 1420	tds
	Barium	48			1.3	10	1	ug/L	139514		01/14/05 1420	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	139514		01/14/05 1420	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	139598		01/17/05 1502	tds
	Calcium	80000			9.5	100	1	ug/L	139598		01/17/05 1502	tds
	Chromium	10		U	1.1	10	1	ug/L	139514		01/14/05 1420	tds
	Cobalt	5.0		U	0.80	5.0	1	ug/L	139514		01/14/05 1420	tds
	Copper	10		U	2.2	10	1	ug/L	139514		01/14/05 1420	tds
	Iron	760			38	120	1	ug/L	139514		01/14/05 1420	tds
	Magnesium	37000			8.1	100	1	ug/L	139514		01/14/05 1420	tds
	Manganese	390			0.41	10	1	ug/L	139514		01/14/05 1420	tds
	Nickel	10		U	1.0	10	1	ug/L	139514		01/14/05 1420	tds
	Potassium	4200			66	500	1	ug/L	139514		01/14/05 1420	tds

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date:01/18/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 1% AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-001-DUP			Laboratory Sample ID: 233126-2									
Date Sampled.....: 01/03/2005			Date Received.....: 01/04/2005									
Time Sampled.....: 10:00			Time Received.....: 09:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	139598		01/17/05 1502	tds
	Silver	10	U		0.72	10	1	ug/L	139514		01/14/05 1420	tds
	Sodium	19000			490	1500	1	ug/L	139514		01/14/05 1420	tds
	Vanadium	10	U		1.0	10	1	ug/L	139598		01/17/05 1502	tds
	Zinc	6.3	B		1.6	30	1	ug/L	139514		01/14/05 1420	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233126 Date: 01/17/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RYAAP 14 ADDS ATTN: Eric Ellis

Customer Sample ID: LL8mw-001-DUP
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-2
 Date Received.....: 01/04/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.046	0.15	1.00000	ug/L	139574		01/07/05 0644	kdl
	beta-BHC	0.097	U		0.027	0.097	1.00000	ug/L	139574		01/07/05 0644	kdl
	delta-BHC	0.097	U		0.024	0.097	1.00000	ug/L	139574		01/07/05 0644	kdl
	gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	139574		01/07/05 0644	kdl
	Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	139574		01/07/05 0644	kdl
	Aldrin	0.097	U		0.027	0.097	1.00000	ug/L	139574		01/07/05 0644	kdl
	Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	139574		01/07/05 0644	kdl
	Endosulfan I	0.097	U		0.020	0.097	1.00000	ug/L	139574		01/07/05 0644	kdl
	Dieldrin	0.097	U		0.017	0.097	1.00000	ug/L	139574		01/07/05 0644	kdl
	4,4'-DDE	0.097	U		0.022	0.097	1.00000	ug/L	139574		01/07/05 0644	kdl
	Endrin	0.097	U		0.017	0.097	1.00000	ug/L	139574		01/07/05 0644	kdl
	Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	139574		01/07/05 0644	kdl
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	139574		01/07/05 0644	kdl
	Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	139574		01/07/05 0644	kdl
	4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	139574		01/07/05 0644	kdl
	Methoxychlor	0.58	U		0.17	0.58	1.00000	ug/L	139574		01/07/05 0644	kdl
	alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	139574		01/07/05 0644	kdl
	gamma-Chlordane	0.097	U		0.017	0.097	1.00000	ug/L	139574		01/07/05 0644	kdl
	Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	139574		01/07/05 0644	kdl
	Endrin ketone	0.097	U		0.028	0.097	1.00000	ug/L	139574		01/07/05 0644	kdl
	Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	139574		01/07/05 0644	kdl

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS							Date: 01/10/2005			
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAMP 14 AOCs				ATTN: Eric Elita					
Customer Sample ID: LL8mw-001-DUP Date Sampled.....: 01/03/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-2 Date Received.....: 01/04/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.58	U		0.17	0.58	1.00000	ug/L	139056		01/06/05 1431	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	139056		01/06/05 1431	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	139056		01/06/05 1431	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	139056		01/06/05 1431	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	139056		01/06/05 1431	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	139056		01/06/05 1431	bjt
	Aroclor 1260	0.58	U		0.17	0.58	1.00000	ug/L	139056		01/06/05 1431	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233126				Date: 01/14/2005								
CUSTOMER: MKM Engineers, Inc.				PROJECT: USAGE RYAAP 14 ADDS				ATTN: Eric Ellis				
Customer Sample ID: LL8mw-001-DUP Date Sampled.....: 01/03/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water						Laboratory Sample ID: 233126-2 Date Received.....: 01/04/2005 Time Received.....: 09:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0		U	0.080	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Vinyl chloride	1.0		U	0.080	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Bromomethane	1.0		U	0.10	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Chloroethane	1.0		U	0.080	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	1,1-Dichloroethane	1.0		U	0.12	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Carbon disulfide	5.0		U	0.20	5.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Acetone	10		U	1.8	10	1.00000	ug/L	139434		01/07/05 1923	jdj
	Methylene chloride	1.5		U	0.35	1.5	1.00000	ug/L	139434		01/07/05 1923	jdj
	trans-1,2-Dichloroethene	1.0		U	0.14	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	1,1-Dichloroethane	1.0		U	0.11	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	cis-1,2-Dichloroethene	1.0		U	0.090	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	2-Butanone (MEK)	10		U	1.2	10	1.00000	ug/L	139434		01/07/05 1923	jdj
	Bromochloromethane	1.0		U	0.10	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Chloroform	1.0		U	0.11	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	1,1,1-Trichloroethane	1.0		U	0.080	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Carbon tetrachloride	1.0		U	0.13	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Benzene	1.0		U	0.090	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	1,2-Dichloroethane	1.0		U	0.090	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Trichloroethene	1.0		U	0.10	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	1,2-Dichloropropane	1.0		U	0.12	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Bromodichloromethane	1.0		U	0.11	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	cis-1,3-Dichloropropene	1.0		U	0.12	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	4-Methyl-2-pentanone (MIBK)	10		U	0.65	10	1.00000	ug/L	139434		01/07/05 1923	jdj
	Toluene	1.0		U	0.10	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	trans-1,3-Dichloropropene	1.0		U	0.15	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	1,1,2-Trichloroethane	1.0		U	0.15	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Tetrachloroethene	1.0		U	0.090	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	2-Hexanone	10		U	0.53	10	1.00000	ug/L	139434		01/07/05 1923	jdj

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/14/2005				
CUSTOMER: MKN Engineers, Inc.			PROJECT: USAGE RVAMP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: LL&mw-001-DUP			Laboratory Sample ID: 233126-2									
Date Sampled.....: 01/03/2005			Date Received.....: 01/04/2005									
Time Sampled.....: 10:00			Time Received.....: 09:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	m,p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	139434		01/07/05 1923	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233126 Date: 01/11/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: LLBmw-001-DUP Laboratory Sample ID: 233126-2
 Date Sampled.....: 01/03/2005 Date Received.....: 01/04/2005
 Time Sampled.....: 10:00 Time Received.....: 09:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatle Organics											
	Phenol, Low Level Water	5.2	U		0.36	5.2	1.00000	ug/L	139165		01/06/05 1046	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.1	U		0.31	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	1,3-Dichlorobenzene, Low Level Water	2.1	U		0.45	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	1,4-Dichlorobenzene, Low Level Water	2.1	U		0.34	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	1,2-Dichlorobenzene, Low Level Water	2.1	U		0.36	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	Benzyl alcohol, Low Level Water	21	U		2.3	21	1.00000	ug/L	139165		01/06/05 1046	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.1	U		0.29	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.52	U		0.084	0.52	1.00000	ug/L	139165		01/06/05 1046	dpk
	Hexachloroethane, Low Level Water	5.2	U		0.64	5.2	1.00000	ug/L	139165		01/06/05 1046	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.1	U		0.10	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	2-Chlorophenol, Low Level Water	5.2	U		0.13	5.2	1.00000	ug/L	139165		01/06/05 1046	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.17	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.1	U		0.32	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.1	U		0.35	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	Benzoic acid, Low Level Water	21	U		3.1	21	1.00000	ug/L	139165		01/06/05 1046	dpk
	Isophorone, Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	139165		01/06/05 1046	dpk
	Hexachlorobutadiene, Low Level Water	5.2	U		0.67	5.2	1.00000	ug/L	139165		01/06/05 1046	dpk
	Naphthalene, Low Level Water	1.0	U		0.17	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.95	10	1.00000	ug/L	139165		01/06/05 1046	dpk
	4-Chloroaniline, Low Level Water	10	U		2.9	10	1.00000	ug/L	139165		01/06/05 1046	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.2	U		0.22	5.2	1.00000	ug/L	139165		01/06/05 1046	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.5	10	1.00000	ug/L	139165		01/06/05 1046	dpk
	Hexachlorocyclopentadiene, Low Level Water	21	U		0.68	21	1.00000	ug/L	139165		01/06/05 1046	dpk
	2-Methylnaphthalene, Low Level Water	0.52	U		0.14	0.52	1.00000	ug/L	139165		01/06/05 1046	dpk
	2-Nitroaniline, Low Level Water	5.2	U		0.23	5.2	1.00000	ug/L	139165		01/06/05 1046	dpk
	2-Chloronaphthalene, Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/11/2005			
CUSTOMER: MKN Engineers, Inc.			PROJECT: USACE RYAAP 14 AOCs			ATTN: Eric Ellis					
Customer Sample ID: LL8nw-001-DUP Date Sampled.....: 01/03/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-2 Date Received.....: 01/04/2005 Time Received.....: 09:00								
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q-FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U	2.5	10	1.00000	ug/L	139165		01/06/05 1046	dpk
	2,6-Dinitrotoluene, Low Level Water	0.52	U	0.11	0.52	1.00000	ug/L	139165		01/06/05 1046	dpk
	2-Nitrophenol, Low Level Water	10	U	0.85	10	1.00000	ug/L	139165		01/06/05 1046	dpk
	3-Nitroaniline, Low Level Water	10	U	2.2	10	1.00000	ug/L	139165		01/06/05 1046	dpk
	Dimethyl phthalate, Low Level Water	2.1	U	0.22	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	2,4-Dinitrophenol, Low Level Water	21	U	3.4	21	1.00000	ug/L	139165		01/06/05 1046	dpk
	Acenaphthylene, Low Level Water	1.0	U	0.13	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U	0.14	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk
	Acenaphthene, Low Level Water	1.0	U	0.13	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk
	Dibenzofuran, Low Level Water	2.1	U	0.14	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	4-Nitrophenol, Low Level Water	21	U	3.9	21	1.00000	ug/L	139165		01/06/05 1046	dpk
	Fluorene, Low Level Water	1.0	U	0.14	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk
	4-Nitroaniline, Low Level Water	10	U	2.4	10	1.00000	ug/L	139165		01/06/05 1046	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.2	U	0.20	5.2	1.00000	ug/L	139165		01/06/05 1046	dpk
	Hexachlorobenzene, Low Level Water	0.52	U	0.10	0.52	1.00000	ug/L	139165		01/06/05 1046	dpk
	Diethyl phthalate, Low Level Water	2.1	U	0.16	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.2	U	0.78	5.2	1.00000	ug/L	139165		01/06/05 1046	dpk
	Pentachlorophenol, Low Level Water	10	U	1.8	10	1.00000	ug/L	139165		01/06/05 1046	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U	0.14	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	21	U	2.5	21	1.00000	ug/L	139165		01/06/05 1046	dpk
	Phenanthrene, Low Level Water	1.0	U	0.15	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk
	Anthracene, Low Level Water	1.0	U	0.16	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk
	Carbazole, Low Level Water	5.2	U	0.30	5.2	1.00000	ug/L	139165		01/06/05 1046	dpk
	Di-n-butyl phthalate, Low Level Water	5.2	U	0.38	5.2	1.00000	ug/L	139165		01/06/05 1046	dpk
	Fluoranthene, Low Level Water	1.0	U	0.15	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk
	Pyrene, Low Level Water	1.0	U	0.13	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk
	Butyl benzyl phthalate, Low Level Water	2.1	U	0.41	2.1	1.00000	ug/L	139165		01/06/05 1046	dpk
	Benzo(a)anthracene, Low Level Water	0.21	U	0.051	0.21	1.00000	ug/L	139165		01/06/05 1046	dpk
	Chrysene, Low Level Water	0.52	U	0.047	0.52	1.00000	ug/L	139165		01/06/05 1046	dpk

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/11/2005				
CUSTOMER: MCM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: LL8mw-001-DUP			Laboratory Sample ID: 233126-2									
Date Sampled: 01/03/2005			Date Received: 01/04/2005									
Time Sampled: 10:00			Time Received: 09:00									
Sample Matrix: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.2	U		0.75	5.2	1.00000	ug/L	139165		01/06/05 1046	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	16	U		4.1	16	1.00000	ug/L	139165		01/06/05 1046	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	139165		01/06/05 1046	dpk
	Benzo(b)fluoranthene, Low Level Water	0.42	U		0.070	0.42	1.00000	ug/L	139165		01/06/05 1046	dpk
	Benzo(k)fluoranthene, Low Level Water	0.42	U		0.075	0.42	1.00000	ug/L	139165		01/06/05 1046	dpk
	Benzo(a)pyrene, Low Level Water	0.42	U		0.088	0.42	1.00000	ug/L	139165		01/06/05 1046	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.42	U		0.090	0.42	1.00000	ug/L	139165		01/06/05 1046	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.42	U		0.14	0.42	1.00000	ug/L	139165		01/06/05 1046	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.20	1.0	1.00000	ug/L	139165		01/06/05 1046	dpk

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/12/2005			
CUSTOMER: NOK Engineers, Inc.			PROJECT: USACE RVAAP 14 ACES				ATTN: Eric Ellis				
Customer Sample ID: LL8mw-001-DUP Date Sampled.....: 01/03/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-2 Date Received.....: 01/04/2005 Time Received.....: 09:00								
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q-FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)										
	HMX	0.48	U	0.11	0.48	1.00000	ug/L	139261		01/07/05 0431	san
	RDX	0.31	U	0.099	0.31	1.00000	ug/L	139261		01/07/05 0431	san
	1,3,5-Trinitrobenzene	0.31	U	0.090	0.31	1.00000	ug/L	139261		01/07/05 0431	san
	1,3-Dinitrobenzene	0.31	U	0.085	0.31	1.00000	ug/L	139261		01/07/05 0431	san
	Nitrobenzene	0.25	U	0.068	0.25	1.00000	ug/L	139261		01/07/05 0431	san
	2,4,6-TNT	0.39	U	0.12	0.39	1.00000	ug/L	139261		01/07/05 0431	san
	Tetryl	1.2	U	0.25	1.2	1.00000	ug/L	139261		01/07/05 0431	san
	2,4-Dinitrotoluene	0.56	U	0.19	0.56	1.00000	ug/L	139261		01/07/05 0431	san
	2,6-Dinitrotoluene	0.67	U	0.22	0.67	1.00000	ug/L	139261		01/07/05 0431	san
	2-Amino-4,6-Dinitrotoluene	0.56	U	0.18	0.56	1.00000	ug/L	139261		01/07/05 0431	san
	4-Amino-2,6-Dinitrotoluene	0.51	U	0.18	0.51	1.00000	ug/L	139261		01/07/05 0431	san
	2-Nitrotoluene	0.48	U	0.14	0.48	1.00000	ug/L	139261		01/07/05 0431	san
	4-Nitrotoluene	0.48	U	0.16	0.48	1.00000	ug/L	139261		01/07/05 0431	san
	3-Nitrotoluene	0.48	U	0.16	0.48	1.00000	ug/L	139261		01/07/05 0431	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/14/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL8mw-002-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 11:10
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-2
 Date Received.....: 12/22/2004
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
353.2	Nitrogen, NO2, NO3 (Auto Cd Red.) Nitrate as N (NO3-N)	0.20	U		0.057	0.20	1	mg/L	138149		12/28/04 1111	kd

* In Description = Dry Wgt.

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Job Number: 232979 LABORATORY TEST RESULTS Date: 01/11/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: LL8mw-002-GW Laboratory Sample ID: 232979-2
 Date Sampled.....: 12/21/2004 Date Received.....: 12/22/2004
 Time Sampled.....: 11:10 Time Received.....: 11:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	3.7		B	2.5	7.5	1	ug/L	138436		12/29/04 2256	daj
7060A	Arsenic (GFAA) Arsenic	3.5			0.51	2.0	1	ug/L	138434		12/29/04 1951	daj
7421	Lead (GFAA) Lead	3.0		U	0.79	3.0	1	ug/L	138599		12/30/04 1213	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	138610		12/30/04 1053	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	138731		01/04/05 1424	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150		U	24	150	1	ug/L	138939		01/06/05 1559	tds
	Barium	33			1.3	10	1	ug/L	138939		01/06/05 1559	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	138939		01/06/05 1559	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	138939		01/06/05 1559	tds
	Calcium	100000			9.5	100	1	ug/L	138939		01/06/05 1559	tds
	Chromium	10		U	1.1	10	1	ug/L	138939		01/06/05 1559	tds
	Cobalt	1.2		B	0.80	5.0	1	ug/L	138939		01/06/05 1559	tds
	Copper	2.4		B	2.2	10	1	ug/L	138939		01/06/05 1559	tds
	Iron	3000			38	120	1	ug/L	138939		01/06/05 1559	tds
	Magnesium	37000			8.1	100	1	ug/L	138939		01/06/05 1559	tds
	Manganese	480			0.41	10	1	ug/L	138939		01/06/05 1559	tds
	Nickel	1.6		B	1.0	10	1	ug/L	138939		01/06/05 1559	tds
	Potassium	3700			66	500	1	ug/L	138939		01/06/05 1559	tds

* In Description = Dry Wgt.

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Job Number: 232979 LABORATORY TEST RESULTS Date: 01/11/2005

CUSTOMER: MCM Engineers, Inc. PROJECT: USACE RVAAP 14 ADCS ATTN: Eric Ellis

Customer Sample ID: LL8mw-002-GW Laboratory Sample ID: 232979-2
 Date Sampled.....: 12/21/2004 Date Received.....: 12/22/2004
 Time Sampled.....: 11:10 Time Received.....: 11:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	3.4		B	3.0	15	1	ug/L	138939		01/06/05 1559	tds
	Silver	10		U	0.72	10	1	ug/L	138939		01/06/05 1559	tds
	Sodium	29000			490	1500	1	ug/L	138939		01/06/05 1559	tds
	Vanadium	10		U	1.0	10	1	ug/L	138939		01/06/05 1559	tds
	Zinc	54			1.6	30	1	ug/L	138939		01/06/05 1559	tds

* In Description = Dry Wgt.

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Job Number: 232979		LABORATORY TEST RESULTS						Date:01/04/2005				
CUSTOMER: HKN Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: L18mw-002-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 11:10 Sample Matrix.....: Water			Laboratory Sample ID: 232979-2 Date Received.....: 12/22/2004 Time Received.....: 11:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	138722		12/28/04 1253	kdl
	beta-BHC	0.099	U		0.028	0.099	1.00000	ug/L	138722		12/28/04 1253	kdl
	delta-BHC	0.099	U		0.025	0.099	1.00000	ug/L	138722		12/28/04 1253	kdl
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	138722		12/28/04 1253	kdl
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	138722		12/28/04 1253	kdl
	Aldrin	0.099	U		0.028	0.099	1.00000	ug/L	138722		12/28/04 1253	kdl
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	138722		12/28/04 1253	kdl
	Endosulfan I	0.099	U		0.021	0.099	1.00000	ug/L	138722		12/28/04 1253	kdl
	Dieldrin	0.099	U		0.018	0.099	1.00000	ug/L	138722		12/28/04 1253	kdl
	4,4'-DDE	0.099	U		0.023	0.099	1.00000	ug/L	138722		12/28/04 1253	kdl
	Endrin	0.099	U		0.017	0.099	1.00000	ug/L	138722		12/28/04 1253	kdl
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	138722		12/28/04 1253	kdl
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	138722		12/28/04 1253	kdl
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	138722		12/28/04 1253	kdl
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	138722		12/28/04 1253	kdl
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	138722		12/28/04 1253	kdl
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	138722		12/28/04 1253	kdl
	gamma-Chlordane	0.099	U		0.017	0.099	1.00000	ug/L	138722		12/28/04 1253	kdl
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	138722		12/28/04 1253	kdl
	Endrin ketone	0.099	U		0.029	0.099	1.00000	ug/L	138722		12/28/04 1253	kdl
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	138722		12/28/04 1253	kdl

* In Description = Dry Wgt.

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Job Number: 232979		LABORATORY TEST RESULTS						Date:01/05/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP TA AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-002-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 11:10 Sample Matrix.....: Water			Laboratory Sample ID: 232979-2 Date Received.....: 12/22/2004 Time Received.....: 11:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.59	U		0.18	0.59	1.00000	ug/L	138804		12/28/04 1530	bjt
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	138804		12/28/04 1530	bjt
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	138804		12/28/04 1530	bjt
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	138804		12/28/04 1530	bjt
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	138804		12/28/04 1530	bjt
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	138804		12/28/04 1530	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	138804		12/28/04 1530	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/03/2005

CUSTOMER: MKN Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL6mw-002-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 11:10
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-2
 Date Received.....: 12/22/2004
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	138291		12/28/04 1558	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	138291		12/28/04 1558	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	2-Butanone (MEK)	5.1	J		1.2	10	1.00000	ug/L	138291		12/28/04 1558	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	1,2-Dichloroethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Trichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	1,2-Dichloropropane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Bromodichloromethane	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	cis-1,3-Dichloropropene	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Toluene	1.0	U		0.65	10	1.00000	ug/L	138291		12/28/04 1558	jdj
	trans-1,3-Dichloropropene	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Tetrachloroethene	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	2-Hexanone	10	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
					0.53	10	1.00000	ug/L	138291		12/28/04 1558	jdj

* In Description = Dry Wgt.

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Job Number: 232979		LABORATORY TEST RESULTS						Date:01/03/2005				
CUSTOMER: RKM Engineers, Inc.			PROJECT: USACE RYKAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-002-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 11:10 Sample Matrix.....: Water			Laboratory Sample ID: 232979-2 Date Received.....: 12/22/2004 Time Received.....: 11:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	p-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	138291		12/28/04 1558	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/05/2005

CUSTOMER: MGM Engineers, Inc.

PROJECT: USACE RYAN 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LLBmw-002-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 11:10
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-2
 Date Received.....: 12/22/2004
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	U	FLAGS	MDL	RC	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	5.2	U		0.36	5.2	1.00000	ug/L	138813		12/29/04 1459	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.1	U		0.31	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	1,3-Dichlorobenzene, Low Level Water	2.1	U		0.44	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	1,4-Dichlorobenzene, Low Level Water	2.1	U		0.34	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	1,2-Dichlorobenzene, Low Level Water	2.1	U		0.36	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	Benzyl alcohol, Low Level Water	21	U		2.3	21	1.00000	ug/L	138813		12/29/04 1459	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.1	U		0.29	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.52	U		0.084	0.52	1.00000	ug/L	138813		12/29/04 1459	dpk
	Hexachloroethane, Low Level Water	5.2	U		0.63	5.2	1.00000	ug/L	138813		12/29/04 1459	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.1	U		0.10	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	2-Chlorophenol, Low Level Water	5.2	U		0.12	5.2	1.00000	ug/L	138813		12/29/04 1459	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.1	U		0.32	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.1	U		0.35	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	Benzoic acid, Low Level Water	21	U		3.1	21	1.00000	ug/L	138813		12/29/04 1459	dpk
	Isophorone, Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	138813		12/29/04 1459	dpk
	Hexachlorobutadiene, Low Level Water	5.2	U		0.66	5.2	1.00000	ug/L	138813		12/29/04 1459	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.94	10	1.00000	ug/L	138813		12/29/04 1459	dpk
	4-Chloroaniline, Low Level Water	10	U		2.9	10	1.00000	ug/L	138813		12/29/04 1459	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.2	U		0.22	5.2	1.00000	ug/L	138813		12/29/04 1459	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	138813		12/29/04 1459	dpk
	Hexachlorocyclopentadiene, Low Level Water	21	U		0.67	21	1.00000	ug/L	138813		12/29/04 1459	dpk
	2-Methylnaphthalene, Low Level Water	0.52	U		0.13	0.52	1.00000	ug/L	138813		12/29/04 1459	dpk
	2-Nitroaniline, Low Level Water	5.2	U		0.23	5.2	1.00000	ug/L	138813		12/29/04 1459	dpk
	2-Chloronaphthalene, Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/05/2005

CUSTOMER: MKH Engineers, Inc.

PROJECT: USACE RYAAP 14 AGES

ATTN: Eric Ellis

Customer Sample ID: LL8mw-002-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 11:10
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-2
 Date Received.....: 12/22/2004
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U		2.5	10	1.00000	ug/L	138813		12/29/04 1459	dpk
	2,6-Dinitrotoluene, Low Level Water	0.52	U		0.11	0.52	1.00000	ug/L	138813		12/29/04 1459	dpk
	2-Nitrophenol, Low Level Water	10	U		0.85	10	1.00000	ug/L	138813		12/29/04 1459	dpk
	3-Nitroaniline, Low Level Water	10	U		2.2	10	1.00000	ug/L	138813		12/29/04 1459	dpk
	Dimethyl phthalate, Low Level Water	2.1	U		0.22	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	2,4-Dinitrophenol, Low Level Water	21	U		3.4	21	1.00000	ug/L	138813		12/29/04 1459	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk
	Dibenzofuran, Low Level Water	2.1	U		0.13	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	4-Nitrophenol, Low Level Water	21	U		3.8	21	1.00000	ug/L	138813		12/29/04 1459	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk
	4-Nitroaniline, Low Level Water	10	U		2.4	10	1.00000	ug/L	138813		12/29/04 1459	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.2	U		0.20	5.2	1.00000	ug/L	138813		12/29/04 1459	dpk
	Hexachlorobenzene, Low Level Water	0.52	U		0.10	0.52	1.00000	ug/L	138813		12/29/04 1459	dpk
	Diethyl phthalate, Low Level Water	2.1	U		0.15	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.2	U		0.77	5.2	1.00000	ug/L	138813		12/29/04 1459	dpk
	Pentachlorophenol, Low Level Water	10	U		1.8	10	1.00000	ug/L	138813		12/29/04 1459	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	21	U		2.5	21	1.00000	ug/L	138813		12/29/04 1459	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk
	Carbazole, Low Level Water	5.2	U		0.30	5.2	1.00000	ug/L	138813		12/29/04 1459	dpk
	Di-n-butyl phthalate, Low Level Water	5.2	U		0.37	5.2	1.00000	ug/L	138813		12/29/04 1459	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk
	Butyl benzyl phthalate, Low Level Water	2.1	U		0.40	2.1	1.00000	ug/L	138813		12/29/04 1459	dpk
	Benzo(a)anthracene, Low Level Water	0.21	U		0.051	0.21	1.00000	ug/L	138813		12/29/04 1459	dpk
	Chrysene, Low Level Water	0.52	U		0.046	0.52	1.00000	ug/L	138813		12/29/04 1459	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/05/2005

CUSTOMER: HKN Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: LL8mw-002-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 11:10
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-2
 Date Received.....: 12/22/2004
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	BT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.2	U		0.74	5.2	1.00000	ug/L	138813		12/29/04 1459	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		4.0	15	1.00000	ug/L	138813		12/29/04 1459	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	138813		12/29/04 1459	dpk
	Benzo(b)fluoranthene, Low Level Water	0.41	U		0.069	0.41	1.00000	ug/L	138813		12/29/04 1459	dpk
	Benzo(k)fluoranthene, Low Level Water	0.41	U		0.074	0.41	1.00000	ug/L	138813		12/29/04 1459	dpk
	Benzo(a)pyrene, Low Level Water	0.41	U		0.087	0.41	1.00000	ug/L	138813		12/29/04 1459	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.41	U		0.089	0.41	1.00000	ug/L	138813		12/29/04 1459	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.41	U		0.13	0.41	1.00000	ug/L	138813		12/29/04 1459	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.20	1.0	1.00000	ug/L	138813		12/29/04 1459	dpk

* In Description = Dry Wgt.

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Job Number: 232979		LABORATORY TEST RESULTS						Date: 01/05/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: LL87M-002-GW Date Sampled: 12/21/2004 Time Sampled: 11:10 Sample Matrix: Water			Laboratory Sample ID: 232979-2 Date Received: 12/22/2004 Time Received: 11:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.55	U		0.12	0.55	1.00000	ug/L	138793		01/01/05 1748	bdw
	RDX	0.35	U	*	0.11	0.35	1.00000	ug/L	138793		01/01/05 1748	bdw
	1,3,5-Trinitrobenzene	0.35	U		0.10	0.35	1.00000	ug/L	138793		01/01/05 1748	bdw
	1,3-Dinitrobenzene	0.35	U		0.097	0.35	1.00000	ug/L	138793		01/01/05 1748	bdw
	Nitrobenzene	0.28	U		0.078	0.28	1.00000	ug/L	138793		01/01/05 1748	bdw
	2,4,6-TNT	0.44	U		0.14	0.44	1.00000	ug/L	138793		01/01/05 1748	bdw
	Tetryl	1.4	U		0.29	1.4	1.00000	ug/L	138793		01/01/05 1748	bdw
	2,4-Dinitrotoluene	0.64	U		0.22	0.64	1.00000	ug/L	138793		01/01/05 1748	bdw
	2,6-Dinitrotoluene	0.76	U		0.25	0.76	1.00000	ug/L	138793		01/01/05 1748	bdw
	2-Amino-4,6-Dinitrotoluene	0.64	U		0.21	0.64	1.00000	ug/L	138793		01/01/05 1748	bdw
	4-Amino-2,6-Dinitrotoluene	0.58	U		0.20	0.58	1.00000	ug/L	138793		01/01/05 1748	bdw
	2-Nitrotoluene	0.55	U		0.16	0.55	1.00000	ug/L	138793		01/01/05 1748	bdw
	4-Nitrotoluene	0.55	U		0.18	0.55	1.00000	ug/L	138793		01/01/05 1748	bdw
3-Nitrotoluene	0.55	U		0.18	0.55	1.00000	ug/L	138793		01/01/05 1748	bdw	
8332M	NG/PETH by 8332M (HPLC)											
Nitroglycerine	1.8	U		0.27	1.8	1.00000	ug/L	138794		12/29/04 0703	bdw	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LL8mw-002-GW

Trace Level Organic Compounds

Lot-Sample #....: G4L270182-001 Work Order #....: G1R9Q1AC Matrix.....: WATER
Date Sampled....: 12/21/04 11:10 Date Received...: 12/23/04
Prep Date.....: 01/03/05 Analysis Date...: 01/04/05
Prep Batch #....: 5003308
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: LL8mw-002-GW

General Chemistry

Lot-Sample #....: G4L270182-001 Work Order #....: G1R9Q
Date Sampled....: 12/21/04 11:10 Date Received...: 12/23/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	0.18 B,J	0.50	mg/L	MCAWW 353.2	01/03-01/05/05	5003312
			Dilution Factor: 1	Initial Wgt/Vol: 100 mL	Final Wgt/Vol...: 40 mL	
			MDL.....: 0.12			

NOTE(S):

- RL Reporting Limit
- B Estimated result. Result is less than RL.
- J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

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LABORATORY TEST RESULTS

Job Number: 233126

Date: 01/14/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RYAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: LL8mw-003-GW
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-4
 Date Received.....: 01/04/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
353.2	Nitrogen, NO2, NO3 (Auto Cd Red.) Nitrate as N (NO3-N)	0.20		U	0.057	0.20	1	mg/L	138820		01/05/05 1346	kd

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233126 Date: 01/18/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RMAAP 14-ADCS ATTN: Eric Ellis

Customer Sample ID: LL8mw-003-GW
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-4
 Date Received.....: 01/04/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	6.8	B		2.5	7.5	1	ug/L	138893		01/05/05 1659	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	138871		01/05/05 1533	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	138980		01/06/05 1604	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	138987		01/06/05 1558	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	138823		01/05/05 1258	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	139514		01/14/05 1427	tds
	Barium	54	U		1.3	10	1	ug/L	139514		01/14/05 1427	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	139514		01/14/05 1427	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	139598		01/17/05 1508	tds
	Calcium	130000	U		9.5	100	1	ug/L	139598		01/17/05 1508	tds
	Chromium	10	U		1.1	10	1	ug/L	139514		01/14/05 1427	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	139514		01/14/05 1427	tds
	Copper	10	U		2.2	10	1	ug/L	139514		01/14/05 1427	tds
	Iron	120	U		38	120	1	ug/L	139514		01/14/05 1427	tds
	Magnesium	48000	U		8.1	100	1	ug/L	139514		01/14/05 1427	tds
	Manganese	700	U		0.41	10	1	ug/L	139514		01/14/05 1427	tds
	Nickel	10	U		1.0	10	1	ug/L	139514		01/14/05 1427	tds
	Potassium	5900	U		66	500	1	ug/L	139514		01/14/05 1427	tds

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS					Date: 01/18/2005					
CUSTOMER: NKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellits						
Customer Sample ID: LL8mw-003-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-4 Date Received.....: 01/04/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15		U	3.0	15	1	ug/L	139598		01/17/05 1508	tds
	Silver	10		U	0.72	10	1	ug/L	139514		01/14/05 1427	tds
	Sodium	43000			490	1500	1	ug/L	139514		01/14/05 1427	tds
	Vanadium	10		U	1.0	10	1	ug/L	139598		01/17/05 1508	tds
	Zinc	73			1.6	30	1	ug/L	139514		01/14/05 1427	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/17/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-003-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-4 Date Received.....: 01/04/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	139574		01/07/05 0709	kdL
	beta-BHC	0.099	U		0.028	0.099	1.00000	ug/L	139574		01/07/05 0709	kdL
	delta-BHC	0.099	U		0.025	0.099	1.00000	ug/L	139574		01/07/05 0709	kdL
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	139574		01/07/05 0709	kdL
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	139574		01/07/05 0709	kdL
	Aldrin	0.099	U		0.028	0.099	1.00000	ug/L	139574		01/07/05 0709	kdL
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	139574		01/07/05 0709	kdL
	Endosulfan I	0.099	U		0.021	0.099	1.00000	ug/L	139574		01/07/05 0709	kdL
	Dieldrin	0.099	U		0.018	0.099	1.00000	ug/L	139574		01/07/05 0709	kdL
	4,4'-DDE	0.099	U		0.023	0.099	1.00000	ug/L	139574		01/07/05 0709	kdL
	Endrin	0.099	U		0.017	0.099	1.00000	ug/L	139574		01/07/05 0709	kdL
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	139574		01/07/05 0709	kdL
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	139574		01/07/05 0709	kdL
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	139574		01/07/05 0709	kdL
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	139574		01/07/05 0709	kdL
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	139574		01/07/05 0709	kdL
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	139574		01/07/05 0709	kdL
	gamma-Chlordane	0.099	U		0.017	0.099	1.00000	ug/L	139574		01/07/05 0709	kdL
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	139574		01/07/05 0709	kdL
	Endrin ketone	0.099	U		0.029	0.099	1.00000	ug/L	139574		01/07/05 0709	kdL
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	139574		01/07/05 0709	kdL

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/10/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RWAP 14 AOCs				ATTN: Eric Eliza						
Customer Sample ID: LL8mw-003-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-4 Date Received.....: 01/04/2005 Time Received.....: 09:00										
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8082	PCB Analysis												
	Aroclor 1016	0.59	U		0.18	0.59	1.00000	ug/L	139056		01/06/05 1455	bjt	
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	139056		01/06/05 1455	bjt	
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	139056		01/06/05 1455	bjt	
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	139056		01/06/05 1455	bjt	
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	139056		01/06/05 1455	bjt	
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	139056		01/06/05 1455	bjt	
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	139056		01/06/05 1455	bjt	

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/14/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-003-GW			Laboratory Sample ID: 233126-4									
Date Sampled.....: 01/03/2005			Date Received.....: 01/04/2005									
Time Sampled.....: 14:00			Time Received.....: 09:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	1,1-Dichloroethane	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	139434		01/07/05 1947	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	139434		01/07/05 1947	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	139434		01/07/05 1947	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	1,2-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	139434		01/07/05 1947	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 1947	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	139434		01/07/05 1947	jdj

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date:01/14/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-003-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-4 Date Received.....: 01/04/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	139434		01/07/05 1947	jdh
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 1947	jdh
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1947	jdh
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	139434		01/07/05 1947	jdh
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	139434		01/07/05 1947	jdh
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 1947	jdh
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 1947	jdh
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 1947	jdh
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 1947	jdh
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	139434		01/07/05 1947	jdh
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	139434		01/07/05 1947	jdh

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233126

Date: 01/11/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP T4 AODS

ATTN: EPIE ELTIS

Customer Sample ID: LL8mw-003-GW
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-4
 Date Received.....: 01/04/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	5.2	U		0.36	5.2	1.00000	ug/L	139165		01/06/05 1109	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.1	U		0.31	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	1,3-Dichlorobenzene, Low Level Water	2.1	U		0.44	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	1,4-Dichlorobenzene, Low Level Water	2.1	U		0.34	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	1,2-Dichlorobenzene, Low Level Water	2.1	U		0.36	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	Benzyl alcohol, Low Level Water	21	U		2.3	21	1.00000	ug/L	139165		01/06/05 1109	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.1	U		0.29	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.52	U		0.084	0.52	1.00000	ug/L	139165		01/06/05 1109	dpk
	Hexachloroethane, Low Level Water	5.2	U		0.63	5.2	1.00000	ug/L	139165		01/06/05 1109	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.1	U		0.10	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	2-Chlorophenol, Low Level Water	5.2	U		0.12	5.2	1.00000	ug/L	139165		01/06/05 1109	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.1	U		0.32	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.1	U		0.35	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	Benzoic acid, Low Level Water	21	U		3.1	21	1.00000	ug/L	139165		01/06/05 1109	dpk
	Isophorone, Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	139165		01/06/05 1109	dpk
	Hexachlorobutadiene, Low Level Water	5.2	U		0.66	5.2	1.00000	ug/L	139165		01/06/05 1109	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.94	10	1.00000	ug/L	139165		01/06/05 1109	dpk
	4-Chloroaniline, Low Level Water	10	U		2.9	10	1.00000	ug/L	139165		01/06/05 1109	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.2	U		0.22	5.2	1.00000	ug/L	139165		01/06/05 1109	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	139165		01/06/05 1109	dpk
	Hexachlorocyclopentadiene, Low Level Water	21	U		0.67	21	1.00000	ug/L	139165		01/06/05 1109	dpk
	2-Methylnaphthalene, Low Level Water	0.52	U		0.13	0.52	1.00000	ug/L	139165		01/06/05 1109	dpk
	2-Nitroaniline, Low Level Water	5.2	U		0.23	5.2	1.00000	ug/L	139165		01/06/05 1109	dpk
	2-Chloronaphthalene, Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 233126

Date: 01/11/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: LL8mw-003-GW
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-4
 Date Received.....: 01/04/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U		2.5	10	1.00000	ug/L	139165		01/06/05 1109	dpk
	2,6-Dinitrotoluene, Low Level Water	0.52	U		0.11	0.52	1.00000	ug/L	139165		01/06/05 1109	dpk
	2-Nitrophenol, Low Level Water	10	U		0.85	10	1.00000	ug/L	139165		01/06/05 1109	dpk
	3-Nitroaniline, Low Level Water	10	U		2.2	10	1.00000	ug/L	139165		01/06/05 1109	dpk
	Dimethyl phthalate, Low Level Water	2.1	U		0.22	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	2,4-Dinitrophenol, Low Level Water	21	U		3.4	21	1.00000	ug/L	139165		01/06/05 1109	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk
	Dibenzofuran, Low Level Water	2.1	U		0.13	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	4-Nitrophenol, Low Level Water	21	U		3.8	21	1.00000	ug/L	139165		01/06/05 1109	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk
	4-Nitroaniline, Low Level Water	10	U		2.4	10	1.00000	ug/L	139165		01/06/05 1109	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.2	U		0.20	5.2	1.00000	ug/L	139165		01/06/05 1109	dpk
	Hexachlorobenzene, Low Level Water	0.52	U		0.10	0.52	1.00000	ug/L	139165		01/06/05 1109	dpk
	Diethyl phthalate, Low Level Water	2.1	U		0.15	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.2	U		0.77	5.2	1.00000	ug/L	139165		01/06/05 1109	dpk
	Pentachlorophenol, Low Level Water	10	U		1.8	10	1.00000	ug/L	139165		01/06/05 1109	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	21	U		2.5	21	1.00000	ug/L	139165		01/06/05 1109	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk
	Carbazole, Low Level Water	5.2	U		0.30	5.2	1.00000	ug/L	139165		01/06/05 1109	dpk
	Di-n-butyl phthalate, Low Level Water	5.2	U		0.37	5.2	1.00000	ug/L	139165		01/06/05 1109	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk
	Butyl benzyl phthalate, Low Level Water	2.1	U		0.40	2.1	1.00000	ug/L	139165		01/06/05 1109	dpk
	Benzo(a)anthracene, Low Level Water	0.21	U		0.051	0.21	1.00000	ug/L	139165		01/06/05 1109	dpk
	Chrysene, Low Level Water	0.52	U		0.046	0.52	1.00000	ug/L	139165		01/06/05 1109	dpk

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 233126

Date: 01/11/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RWAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: LL8mw-003-GW
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-4
 Date Received.....: 01/04/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.2	U		0.74	5.2	1.00000	ug/L	139165		01/06/05 1109	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		4.0	15	1.00000	ug/L	139165		01/06/05 1109	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	139165		01/06/05 1109	dpk
	Benzo(b)fluoranthene, Low Level Water	0.41	U		0.069	0.41	1.00000	ug/L	139165		01/06/05 1109	dpk
	Benzo(k)fluoranthene, Low Level Water	0.41	U		0.074	0.41	1.00000	ug/L	139165		01/06/05 1109	dpk
	Benzo(a)pyrene, Low Level Water	0.41	U		0.087	0.41	1.00000	ug/L	139165		01/06/05 1109	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.41	U		0.089	0.41	1.00000	ug/L	139165		01/06/05 1109	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.41	U		0.13	0.41	1.00000	ug/L	139165		01/06/05 1109	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.20	1.0	1.00000	ug/L	139165		01/06/05 1109	dpk

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/12/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Elise						
Customer Sample ID: LL8MW-003-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-4 Date Received.....: 01/04/2005 Time Received.....: 09:00										
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8330	Explosives by 8330 (HPLC)												
	HMX	0.49	U		0.11	0.49	1.00000	ug/L	139261		01/07/05 0504	san	
	RDX	0.32	U		0.10	0.32	1.00000	ug/L	139261		01/07/05 0504	san	
	1,3,5-Trinitrobenzene	0.32	U		0.092	0.32	1.00000	ug/L	139261		01/07/05 0504	san	
	1,3-Dinitrobenzene	0.32	U		0.087	0.32	1.00000	ug/L	139261		01/07/05 0504	san	
	Nitrobenzene	0.25	U		0.070	0.25	1.00000	ug/L	139261		01/07/05 0504	san	
	2,4,6-TNT	0.40	U		0.12	0.40	1.00000	ug/L	139261		01/07/05 0504	san	
	Tetryl	1.2	U		0.26	1.2	1.00000	ug/L	139261		01/07/05 0504	san	
	2,4-Dinitrotoluene	0.57	U		0.19	0.57	1.00000	ug/L	139261		01/07/05 0504	san	
	2,6-Dinitrotoluene	0.68	U		0.23	0.68	1.00000	ug/L	139261		01/07/05 0504	san	
	2-Amino-4,6-Dinitrotoluene	0.57	U		0.19	0.57	1.00000	ug/L	139261		01/07/05 0504	san	
	4-Amino-2,6-Dinitrotoluene	0.52	U		0.18	0.52	1.00000	ug/L	139261		01/07/05 0504	san	
	2-Nitrotoluene	0.49	U		0.15	0.49	1.00000	ug/L	139261		01/07/05 0504	san	
	4-Nitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	139261		01/07/05 0504	san	
	3-Nitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	139261		01/07/05 0504	san	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232979								Date: 01/14/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOGS				ATTN: Eric Ellis				
Customer Sample ID: LL8mw-004-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 09:30 Sample Matrix.....: Water						Laboratory Sample ID: 232979-1 Date Received.....: 12/22/2004 Time Received.....: 11:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
353.2	Nitrogen, NO2, NO3 (Auto Cd Red.) Nitrate as N (NO3-N)	0.20		U	0.057	0.20	1	mg/L	138149		12/28/04 1111	kd

* In Description = Dry Wgt.

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Job Number: 232979 LABORATORY TEST RESULTS Date: 01/11/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 1A AOCs ATTN: Eric Ellis

Customer Sample ID: LL8mw-004-GW Laboratory Sample ID: 232979-1
 Date Sampled.....: 12/21/2004 Date Received.....: 12/22/2004
 Time Sampled.....: 09:30 Time Received.....: 11:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	3.8	B	2.5	7.5	1	ug/L	138436		12/29/04 2232	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U	0.51	2.0	1	ug/L	138434		12/29/04 1939	daj
7421	Lead (GFAA) Lead	3.0	U	0.79	3.0	1	ug/L	138599		12/30/04 1201	daj
7841	Thallium (GFAA) Thallium	4.0	U	1.3	4.0	1	ug/L	138610		12/30/04 1041	daj
7470A	Mercury (CVAA) Mercury	0.20	U	0.063	0.20	1	ug/L	138731		01/04/05 1422	gok
6010B	Metals Analysis (ICAP Trace)										
	Aluminum	150	U	24	150	1	ug/L	138939		01/06/05 1528	tds
	Barium	14		1.3	10	1	ug/L	138939		01/06/05 1528	tds
	Beryllium	2.0	U	0.25	2.0	1	ug/L	138939		01/06/05 1528	tds
	Cadmium	2.0	U	0.25	2.0	1	ug/L	138939		01/06/05 1528	tds
	Calcium	74000		9.5	100	1	ug/L	138939		01/06/05 1528	tds
	Chromium	10	U	1.1	10	1	ug/L	138939		01/06/05 1528	tds
	Cobalt	5.0	U	0.80	5.0	1	ug/L	138939		01/06/05 1528	tds
	Copper	10	U	2.2	10	1	ug/L	138939		01/06/05 1528	tds
	Iron	120	U	38	120	1	ug/L	138939		01/06/05 1528	tds
	Magnesium	36000		8.1	100	1	ug/L	138939		01/06/05 1528	tds
	Manganese	220		0.41	10	1	ug/L	138939		01/06/05 1528	tds
	Nickel	10	U	1.0	10	1	ug/L	138939		01/06/05 1528	tds
	Potassium	1800		66	500	1	ug/L	138939		01/06/05 1528	tds

* In Description = Dry Wgt.

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Job Number: 232979		LABORATORY TEST RESULTS						Date:01/11/2005				
CUSTOMER: HGM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL&mw-004-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 232979-1 Date Received.....: 12/22/2004 Time Received.....: 11:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DISCUSSION	UNITS	BATCH	DT	DATE/TIME	TECH	
	Selenium	15	U	3.0	15	1						
	Silver	10	U	0.72	10	1	ug/L	138939		01/06/05 1528	tds	
	Sodium	17000		490	1500	1	ug/L	138939		01/06/05 1528	tds	
	Vanadium	10	U	1.0	10	1	ug/L	138939		01/06/05 1528	tds	
	Zinc	10	B	1.6	30	1	ug/L	138939		01/06/05 1528	tds	

* In Description = Dry Wgt.

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Job Number: 232979		LABORATORY TEST RESULTS						Date: 01/04/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL&mw-004-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 232979-1 Date Received.....: 12/22/2004 Time Received.....: 11:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	138722		12/28/04 1228	kdl
	beta-BHC	0.10	U		0.028	0.10	1.00000	ug/L	138722		12/28/04 1228	kdl
	delta-BHC	0.10	U		0.025	0.10	1.00000	ug/L	138722		12/28/04 1228	kdl
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	138722		12/28/04 1228	kdl
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	138722		12/28/04 1228	kdl
	Aldrin	0.10	U		0.028	0.10	1.00000	ug/L	138722		12/28/04 1228	kdl
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	138722		12/28/04 1228	kdl
	Endosulfan I	0.10	U		0.021	0.10	1.00000	ug/L	138722		12/28/04 1228	kdl
	Dieldrin	0.10	U		0.018	0.10	1.00000	ug/L	138722		12/28/04 1228	kdl
	4,4'-DDE	0.10	U		0.023	0.10	1.00000	ug/L	138722		12/28/04 1228	kdl
	Endrin	0.10	U		0.017	0.10	1.00000	ug/L	138722		12/28/04 1228	kdl
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	138722		12/28/04 1228	kdl
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	138722		12/28/04 1228	kdl
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	138722		12/28/04 1228	kdl
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	138722		12/28/04 1228	kdl
	Methoxychlor	0.60	U		0.17	0.60	1.00000	ug/L	138722		12/28/04 1228	kdl
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	138722		12/28/04 1228	kdl
	gamma-Chlordane	0.10	U		0.017	0.10	1.00000	ug/L	138722		12/28/04 1228	kdl
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	138722		12/28/04 1228	kdl
	Endrin ketone	0.10	U		0.029	0.10	1.00000	ug/L	138722		12/28/04 1228	kdl
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	138722		12/28/04 1228	kdl

* In Description = Dry Wgt.

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Job Number: 232979		LABORATORY TEST RESULTS						Date:01/05/2005				
CUSTOMER: HGH Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-004-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 232979-1 Date Received.....: 12/22/2004 Time Received.....: 11:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	HCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.60	U		0.18	0.60	1.00000	ug/L	138804		12/28/04 1454	bjt
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	138804		12/28/04 1454	bjt
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	138804		12/28/04 1454	bjt
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	138804		12/28/04 1454	bjt
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	138804		12/28/04 1454	bjt
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	138804		12/28/04 1454	bjt
	Aroclor 1260	0.60	U		0.17	0.60	1.00000	ug/L	138804		12/28/04 1454	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979 Date: 01/03/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RMAAP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: LL8mw-004-GW Laboratory Sample ID: 232979-1
 Date Sampled.....: 12/21/2004 Date Received.....: 12/22/2004
 Time Sampled.....: 09:30 Time Received.....: 11:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	138291		12/28/04 1536	jd
	Acetone	10	U		1.8	10	1.00000	ug/L	138291		12/28/04 1536	jd
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	138291		12/28/04 1536	jd
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	138291		12/28/04 1536	jd
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	138291		12/28/04 1536	jd
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1536	jd
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	138291		12/28/04 1536	jd

* In Description = Dry Wgt.

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Job Number: 232979		LABORATORY TEST RESULTS						Date:01/03/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-004-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 232979-1 Date Received.....: 12/22/2004 Time Received.....: 11:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	138291		12/28/04 1536	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1536	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1536	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	138291		12/28/04 1536	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	138291		12/28/04 1536	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1536	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1536	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1536	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1536	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	138291		12/28/04 1536	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	138291		12/28/04 1536	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/05/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP T4 AGDS

ATTN: Eric Ellis

Customer Sample ID: LL8mw-004-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-1
 Date Received.....: 12/22/2004
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.8	U		0.33	4.8	1.00000	ug/L	138813		12/29/04 1436	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.41	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.31	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	138813		12/29/04 1436	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.48	U		0.077	0.48	1.00000	ug/L	138813		12/29/04 1436	dpk
	Hexachloroethane, Low Level Water	4.8	U		0.58	4.8	1.00000	ug/L	138813		12/29/04 1436	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.095	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	2-Chlorophenol, Low Level Water	4.8	U		0.11	4.8	1.00000	ug/L	138813		12/29/04 1436	dpk
	Nitrobenzene, Low Level Water	0.95	U		0.15	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	138813		12/29/04 1436	dpk
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	2,4-Dimethylphenol, Low Level Water	9.5	U		1.2	9.5	1.00000	ug/L	138813		12/29/04 1436	dpk
	Hexachlorobutadiene, Low Level Water	4.8	U		0.61	4.8	1.00000	ug/L	138813		12/29/04 1436	dpk
	Naphthalene, Low Level Water	0.95	U		0.15	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk
	2,4-Dichlorophenol, Low Level Water	9.5	U		0.87	9.5	1.00000	ug/L	138813		12/29/04 1436	dpk
	4-Chloroaniline, Low Level Water	9.5	U		2.7	9.5	1.00000	ug/L	138813		12/29/04 1436	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.8	U		0.20	4.8	1.00000	ug/L	138813		12/29/04 1436	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.5	U		1.3	9.5	1.00000	ug/L	138813		12/29/04 1436	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U		0.62	19	1.00000	ug/L	138813		12/29/04 1436	dpk
	2-Methylnaphthalene, Low Level Water	0.48	U		0.12	0.48	1.00000	ug/L	138813		12/29/04 1436	dpk
	2-Nitroaniline, Low Level Water	4.8	U		0.21	4.8	1.00000	ug/L	138813		12/29/04 1436	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/05/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RVAAP 34 AOCs

ATTN: Eric Ellis

Customer Sample ID: L18mw-004-6W
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-1
 Date Received.....: 12/22/2004
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.5	U		2.3	9.5	1.00000	ug/L	138813		12/29/04 1436	dpk
	2,6-Dinitrotoluene, Low Level Water	0.48	U		0.10	0.48	1.00000	ug/L	138813		12/29/04 1436	dpk
	2-Nitrophenol, Low Level Water	9.5	U		0.78	9.5	1.00000	ug/L	138813		12/29/04 1436	dpk
	3-Nitroaniline, Low Level Water	9.5	U		2.0	9.5	1.00000	ug/L	138813		12/29/04 1436	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.1	19	1.00000	ug/L	138813		12/29/04 1436	dpk
	Acenaphthylene, Low Level Water	0.95	U		0.11	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk
	2,4-Dinitrotoluene, Low Level Water	0.95	U		0.12	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk
	Acenaphthene, Low Level Water	0.95	U		0.11	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.12	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	4-Nitrophenol, Low Level Water	19	U		3.5	19	1.00000	ug/L	138813		12/29/04 1436	dpk
	Fluorene, Low Level Water	0.95	U		0.12	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk
	4-Nitroaniline, Low Level Water	9.5	U		2.2	9.5	1.00000	ug/L	138813		12/29/04 1436	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.8	U		0.18	4.8	1.00000	ug/L	138813		12/29/04 1436	dpk
	Hexachlorobenzene, Low Level Water	0.48	U		0.092	0.48	1.00000	ug/L	138813		12/29/04 1436	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.14	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.8	U		0.71	4.8	1.00000	ug/L	138813		12/29/04 1436	dpk
	Pentachlorophenol, Low Level Water	9.5	U		1.6	9.5	1.00000	ug/L	138813		12/29/04 1436	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.95	U		0.12	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	138813		12/29/04 1436	dpk
	Phenanthrene, Low Level Water	0.95	U		0.13	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk
	Anthracene, Low Level Water	0.95	U		0.14	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk
	Carbazole, Low Level Water	4.8	U		0.28	4.8	1.00000	ug/L	138813		12/29/04 1436	dpk
	Di-n-butyl phthalate, Low Level Water	4.8	U		0.34	4.8	1.00000	ug/L	138813		12/29/04 1436	dpk
	Fluoranthene, Low Level Water	0.95	U		0.13	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk
	Pyrene, Low Level Water	0.95	U		0.11	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.37	1.9	1.00000	ug/L	138813		12/29/04 1436	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.047	0.19	1.00000	ug/L	138813		12/29/04 1436	dpk
	Chrysene, Low Level Water	0.48	U		0.043	0.48	1.00000	ug/L	138813		12/29/04 1436	dpk

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/05/2005

CUSTOMER: MGN Engineers, Inc.

PROJECT: USACE RVAAP TA ACCS

ATTN: Eric Blits

Customer Sample ID: LL8mw-004-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-1
 Date Received.....: 12/22/2004
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.8	U		0.69	4.8	1.00000	ug/L	138813		12/29/04 1436	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U		3.7	14	1.00000	ug/L	138813		12/29/04 1436	dpk
	Di-n-octyl phthalate, Low Level Water	9.5	U		2.4	9.5	1.00000	ug/L	138813		12/29/04 1436	dpk
	Benzo(b)fluoranthene, Low Level Water	0.38	U		0.064	0.38	1.00000	ug/L	138813		12/29/04 1436	dpk
	Benzo(k)fluoranthene, Low Level Water	0.38	U		0.069	0.38	1.00000	ug/L	138813		12/29/04 1436	dpk
	Benzo(a)pyrene, Low Level Water	0.38	U		0.080	0.38	1.00000	ug/L	138813		12/29/04 1436	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.38	U		0.082	0.38	1.00000	ug/L	138813		12/29/04 1436	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.38	U		0.12	0.38	1.00000	ug/L	138813		12/29/04 1436	dpk
	Benzo(ghi)perylene, Low Level Water	0.95	U		0.18	0.95	1.00000	ug/L	138813		12/29/04 1436	dpk

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Job Number: 232979		LABORATORY TEST RESULTS						Date: 01/05/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCS				ATTN: Eric Ellis					
Customer Sample ID: LLBmw-004-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 232979-1 Date Received.....: 12/22/2004 Time Received.....: 11:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	BMX	0.34	U		0.075	0.34	1.00000	ug/L	138793		01/01/05 1716	bdw
	RDX	0.22	U	*	0.070	0.22	1.00000	ug/L	138793		01/01/05 1716	bdw
	1,3,5-Trinitrobenzene	0.22	U		0.064	0.22	1.00000	ug/L	138793		01/01/05 1716	bdw
	1,3-Dinitrobenzene	0.22	U		0.060	0.22	1.00000	ug/L	138793		01/01/05 1716	bdw
	Nitrobenzene	0.18	U		0.048	0.18	1.00000	ug/L	138793		01/01/05 1716	bdw
	2,4,6-TNT	0.28	U		0.086	0.28	1.00000	ug/L	138793		01/01/05 1716	bdw
	Tetryl	0.86	U		0.18	0.86	1.00000	ug/L	138793		01/01/05 1716	bdw
	2,4-Dinitrotoluene	0.40	U		0.13	0.40	1.00000	ug/L	138793		01/01/05 1716	bdw
	2,6-Dinitrotoluene	0.47	U		0.16	0.47	1.00000	ug/L	138793		01/01/05 1716	bdw
	2-Amino-4,6-Dinitrotoluene	0.40	U		0.13	0.40	1.00000	ug/L	138793		01/01/05 1716	bdw
	4-Amino-2,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	138793		01/01/05 1716	bdw
	2-Nitrotoluene	0.34	U		0.10	0.34	1.00000	ug/L	138793		01/01/05 1716	bdw
	4-Nitrotoluene	0.34	U		0.11	0.34	1.00000	ug/L	138793		01/01/05 1716	bdw
	3-Nitrotoluene	0.34	U		0.11	0.34	1.00000	ug/L	138793		01/01/05 1716	bdw

* In Description = Dry Wgt.

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TEST METHOD		PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
353.2		Nitrogen, NO2, NO3 (Auto Cd Red.) Nitrate as N (NO3-N)	0.20		U	0.057	0.20	1	mg/L	142226		02/16/05 1536	kd

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LABORATORY TEST RESULTS

Job Number: 233967

Date: 02/17/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL8mw-005-GW
 Date Sampled.....: 02/02/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233967-2
 Date Received.....: 02/03/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	141411		02/07/05 1528	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	141544		02/08/05 1621	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	141389		02/07/05 1448	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	141284		02/05/05 0246	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	142187		02/11/05 1250	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	142208		02/15/05 1719	tds
	Barium	12	U		1.3	10	1	ug/L	142208		02/15/05 1719	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	142208		02/15/05 1719	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	142208		02/15/05 1719	tds
	Calcium	63000	U		9.5	100	1	ug/L	142208		02/15/05 1719	tds
	Chromium	1.5	B		1.1	10	1	ug/L	142208		02/15/05 1719	tds
	Cobalt	1.7	B		0.80	5.0	1	ug/L	142208		02/15/05 1719	tds
	Copper	10	U		2.2	10	1	ug/L	142208		02/15/05 1719	tds
	Iron	260	U		38	120	1	ug/L	142208		02/15/05 1719	tds
	Magnesium	20000	U		8.1	100	1	ug/L	142208		02/15/05 1719	tds
	Manganese	1800	U		0.41	10	1	ug/L	142208		02/15/05 1719	tds
	Nickel	2.7	B		1.0	10	1	ug/L	142208		02/15/05 1719	tds
	Potassium	870	U		66	500	1	ug/L	142208		02/15/05 1719	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233967

Date: 02/17/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL&mw-005-GW
 Date Sampled.....: 02/02/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233967-2
 Date Received.....: 02/03/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15		U	3.0	15	1	ug/L	142211		02/16/05 1643	tds
	Silver	10		U	0.72	10	1	ug/L	142208		02/15/05 1719	tds
	Sodium	8900			490	1500	1	ug/L	142208		02/15/05 1719	tds
	Vanadium	1.9		B	1.0	10	1	ug/L	142208		02/15/05 1719	tds
	Zinc	4.5		B	1.6	30	1	ug/L	142208		02/15/05 1719	tds

* In Description = Dry Wgt.

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Job Number: 233967		LABORATORY TEST RESULTS						Date: 02/17/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: LL8mw-005-GW			Laboratory Sample ID: 233967-2									
Date Sampled.....: 02/02/2005			Date Received.....: 02/03/2005									
Time Sampled.....: 14:00			Time Received.....: 09:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.048	0.15	1.00000	ug/L	142289		02/09/05 0923	pjg
	beta-BHC	0.10	U		0.029	0.10	1.00000	ug/L	142289		02/09/05 0923	pjg
	delta-BHC	0.10	U		0.026	0.10	1.00000	ug/L	142289		02/09/05 0923	pjg
	gamma-BHC (Lindane)	0.15	U		0.043	0.15	1.00000	ug/L	142289		02/09/05 0923	pjg
	Heptachlor	0.15	U		0.042	0.15	1.00000	ug/L	142289		02/09/05 0923	pjg
	Aldrin	0.10	U		0.029	0.10	1.00000	ug/L	142289		02/09/05 0923	pjg
	Heptachlor epoxide	0.15	U		0.037	0.15	1.00000	ug/L	142289		02/09/05 0923	pjg
	Endosulfan I	0.10	U		0.022	0.10	1.00000	ug/L	142289		02/09/05 0923	pjg
	Dieldrin	0.10	U		0.019	0.10	1.00000	ug/L	142289		02/09/05 0923	pjg
	4,4'-DDE	0.10	U		0.024	0.10	1.00000	ug/L	142289		02/09/05 0923	pjg
	Endrin	0.10	U		0.018	0.10	1.00000	ug/L	142289		02/09/05 0923	pjg
	Endosulfan II	0.15	U		0.043	0.15	1.00000	ug/L	142289		02/09/05 0923	pjg
	4,4'-DDD	0.11	U		0.037	0.11	1.00000	ug/L	142289		02/09/05 0923	pjg
	Endosulfan sulfate	0.15	U		0.045	0.15	1.00000	ug/L	142289		02/09/05 0923	pjg
	4,4'-DDT	0.15	U		0.051	0.15	1.00000	ug/L	142289		02/09/05 0923	pjg
	Methoxychlor	0.62	U	*	0.18	0.62	1.00000	ug/L	142289		02/09/05 0923	pjg
	alpha-Chlordane	0.052	U		0.016	0.052	1.00000	ug/L	142289		02/09/05 0923	pjg
	gamma-Chlordane	0.10	U		0.018	0.10	1.00000	ug/L	142289		02/09/05 0923	pjg
	Endrin aldehyde	0.15	U		0.036	0.15	1.00000	ug/L	142289		02/09/05 0923	pjg
	Endrin ketone	0.10	U		0.030	0.10	1.00000	ug/L	142289		02/09/05 0923	pjg
	Toxaphene	0.52	U		0.14	0.52	1.00000	ug/L	142289		02/09/05 0923	pjg

* In Description = Dry Wgt.

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Job Number: 233967		LABORATORY TEST RESULTS						Date: 02/15/2005				
CUSTOMER: NKM Engineers, Inc.			PROJECT: USACE RVAMP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-005-GW Date Sampled.....: 02/02/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233967-2 Date Received.....: 02/03/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	REL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.62		U	0.19	0.62	1.00000	ug/L	142020		02/07/05 1308	bjt
	Aroclor 1221	1.3		U	0.43	1.3	1.00000	ug/L	142020		02/07/05 1308	bjt
	Aroclor 1232	1.3		U	0.36	1.3	1.00000	ug/L	142020		02/07/05 1308	bjt
	Aroclor 1242	1.3		U	0.44	1.3	1.00000	ug/L	142020		02/07/05 1308	bjt
	Aroclor 1248	1.5		U	0.49	1.5	1.00000	ug/L	142020		02/07/05 1308	bjt
	Aroclor 1254	1.3		U	0.36	1.3	1.00000	ug/L	142020		02/07/05 1308	bjt
	Aroclor 1260	0.62		U	0.18	0.62	1.00000	ug/L	142020		02/07/05 1308	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233967				Date: 02/10/2005								
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: LLBNW-005-GW Date Sampled.....: 02/02/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water						Laboratory Sample ID: 233967-2 Date Received.....: 02/03/2005 Time Received.....: 09:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	1,1-Dichloroethane	1.0	U		0.12	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	141541		02/08/05 1949	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	141541		02/08/05 1949	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	141541		02/08/05 1949	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	141541		02/08/05 1949	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 1949	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	141541		02/08/05 1949	jdj

* In Description = Dry Wgt.

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Job Number: 233967		LABORATORY TEST RESULTS						Date: 02/10/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-005-GW Date Sampled.....: 02/02/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233967-2 Date Received.....: 02/03/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	141541		02/08/05 1949	jdn
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	141541		02/08/05 1949	jdn
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 1949	jdn
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	141541		02/08/05 1949	jdn
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	141541		02/08/05 1949	jdn
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 1949	jdn
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	141541		02/08/05 1949	jdn
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 1949	jdn
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 1949	jdn
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	141541		02/08/05 1949	jdn
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	141541		02/08/05 1949	jdn

* In Description = Dry Wgt.

STL Chicago

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Job Number: 233967		LABORATORY TEST RESULTS					Date: 02/17/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCS			ATTN: Eric Ellis					
Customer Sample ID: LL8mw-005-GW Date Sampled.....: 02/02/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233967-2 Date Received.....: 02/03/2005 Time Received.....: 09:00								
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics										
	Phenol, Low Level Water	5.4	U	0.38	5.4	1.00000	ug/L	142269		02/11/05 1550	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.2	U	0.32	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	1,3-Dichlorobenzene, Low Level Water	2.2	U	0.46	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	1,4-Dichlorobenzene, Low Level Water	2.2	U	0.35	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	1,2-Dichlorobenzene, Low Level Water	2.2	U	0.38	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	Benzyl alcohol, Low Level Water	22	U	2.4	22	1.00000	ug/L	142269		02/11/05 1550	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.2	U	0.28	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.2	U	0.30	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.54	U	0.087	0.54	1.00000	ug/L	142269		02/11/05 1550	dpk
	Hexachloroethane, Low Level Water	5.4	U	0.66	5.4	1.00000	ug/L	142269		02/11/05 1550	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.2	U	0.11	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	2-Chlorophenol, Low Level Water	5.4	U	0.13	5.4	1.00000	ug/L	142269		02/11/05 1550	dpk
	Nitrobenzene, Low Level Water	1.1	U	0.17	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.2	U	0.33	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.2	U	0.37	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	Benzoic acid, Low Level Water	22	U	3.2	22	1.00000	ug/L	142269		02/11/05 1550	dpk
	Isophorone, Low Level Water	2.2	U	0.28	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	2,4-Dimethylphenol, Low Level Water	11	U	1.4	11	1.00000	ug/L	142269		02/11/05 1550	dpk
	Hexachlorobutadiene, Low Level Water	5.4	U	0.69	5.4	1.00000	ug/L	142269		02/11/05 1550	dpk
	Naphthalene, Low Level Water	1.1	U	0.17	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk
	2,4-Dichlorophenol, Low Level Water	11	U	0.98	11	1.00000	ug/L	142269		02/11/05 1550	dpk
	4-Chloroaniline, Low Level Water	11	U	3.0	11	1.00000	ug/L	142269		02/11/05 1550	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.4	U	0.23	5.4	1.00000	ug/L	142269		02/11/05 1550	dpk
	2,4,5-Trichlorophenol, Low Level Water	11	U	1.5	11	1.00000	ug/L	142269		02/11/05 1550	dpk
	Hexachlorocyclopentadiene, Low Level Water	22	U *	0.70	22	1.00000	ug/L	142269		02/11/05 1550	dpk
	2-Methylnaphthalene, Low Level Water	0.54	U *	0.14	0.54	1.00000	ug/L	142269		02/11/05 1550	dpk
	2-Nitroaniline, Low Level Water	5.4	U	0.24	5.4	1.00000	ug/L	142269		02/11/05 1550	dpk
	2-Chloronaphthalene, Low Level Water	2.2	U	0.28	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk

* In Description = Dry Wgt.

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Job Number: 233967		LABORATORY TEST RESULTS						Date: 02/17/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-005-GW Date Sampled.....: 02/02/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233967-2 Date Received.....: 02/03/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	11	U		2.6	11	1.00000	ug/L	142269		02/11/05 1550	dpk
	2,6-Dinitrotoluene, Low Level Water	0.54	U		0.12	0.54	1.00000	ug/L	142269		02/11/05 1550	dpk
	2-Nitrophenol, Low Level Water	11	U		0.88	11	1.00000	ug/L	142269		02/11/05 1550	dpk
	3-Nitroaniline, Low Level Water	11	U		2.3	11	1.00000	ug/L	142269		02/11/05 1550	dpk
	Dimethyl phthalate, Low Level Water	2.2	U		0.23	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	2,4-Dinitrophenol, Low Level Water	22	U		3.5	22	1.00000	ug/L	142269		02/11/05 1550	dpk
	Acenaphthylene, Low Level Water	1.1	U		0.13	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk
	2,4-Dinitrotoluene, Low Level Water	1.1	U		0.14	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk
	Acenaphthene, Low Level Water	1.1	U		0.13	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk
	Dibenzofuran, Low Level Water	2.2	U		0.14	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	4-Nitrophenol, Low Level Water	22	U		4.0	22	1.00000	ug/L	142269		02/11/05 1550	dpk
	Fluorene, Low Level Water	1.1	U		0.14	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk
	4-Nitroaniline, Low Level Water	11	U		2.5	11	1.00000	ug/L	142269		02/11/05 1550	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.4	U		0.20	5.4	1.00000	ug/L	142269		02/11/05 1550	dpk
	Hexachlorobenzene, Low Level Water	0.54	U		0.10	0.54	1.00000	ug/L	142269		02/11/05 1550	dpk
	Diethyl phthalate, Low Level Water	2.2	U		0.16	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.4	U		0.81	5.4	1.00000	ug/L	142269		02/11/05 1550	dpk
	Pentachlorophenol, Low Level Water	11	U		1.8	11	1.00000	ug/L	142269		02/11/05 1550	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.1	U		0.14	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	22	U		2.6	22	1.00000	ug/L	142269		02/11/05 1550	dpk
	Phenanthrene, Low Level Water	1.1	U		0.15	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk
	Anthracene, Low Level Water	1.1	U		0.16	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk
	Carbazole, Low Level Water	5.4	U		0.31	5.4	1.00000	ug/L	142269		02/11/05 1550	dpk
	Di-n-butyl phthalate, Low Level Water	5.4	U		0.39	5.4	1.00000	ug/L	142269		02/11/05 1550	dpk
	Fluoranthene, Low Level Water	1.1	U		0.15	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk
	Pyrene, Low Level Water	1.1	U		0.13	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk
	Butyl benzyl phthalate, Low Level Water	2.2	U		0.42	2.2	1.00000	ug/L	142269		02/11/05 1550	dpk
	Benzo(a)anthracene, Low Level Water	0.22	U		0.053	0.22	1.00000	ug/L	142269		02/11/05 1550	dpk
	Chrysene, Low Level Water	0.54	U		0.048	0.54	1.00000	ug/L	142269		02/11/05 1550	dpk

* In Description = Dry Wgt.

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Job Number: 233967		LABORATORY TEST RESULTS						Date: 02/17/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RYAAP 14 AGCS			ATTN: Eric Ellis						
Customer Sample ID: L18mw-005-GW			Laboratory Sample ID: 233967-2									
Date Sampled: 02/02/2005			Date Received: 02/03/2005									
Time Sampled: 14:00			Time Received: 09:00									
Sample Matrix: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.4	U		0.77	5.4	1.00000	ug/L	142269		02/11/05 1550	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	16	U		4.2	16	1.00000	ug/L	142269		02/11/05 1550	dpk
	Di-n-octyl phthalate, Low Level Water	11	U		2.7	11	1.00000	ug/L	142269		02/11/05 1550	dpk
	Benzo(b)fluoranthene, Low Level Water	0.43	U		0.072	0.43	1.00000	ug/L	142269		02/11/05 1550	dpk
	Benzo(k)fluoranthene, Low Level Water	0.43	U		0.077	0.43	1.00000	ug/L	142269		02/11/05 1550	dpk
	Benzo(a)pyrene, Low Level Water	0.43	U		0.090	0.43	1.00000	ug/L	142269		02/11/05 1550	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.43	U		0.092	0.43	1.00000	ug/L	142269		02/11/05 1550	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.43	U		0.14	0.43	1.00000	ug/L	142269		02/11/05 1550	dpk
	Benzo(ghi)perylene, Low Level Water	1.1	U		0.20	1.1	1.00000	ug/L	142269		02/11/05 1550	dpk

* In Description = Dry Wgt.

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Job Number: 233967 LABORATORY TEST RESULTS Date: 02/11/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 ADCS ATTN: Eric Ellis

Customer Sample ID: LL8mw-005-GW
 Date Sampled.....: 02/02/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233967-2
 Date Received.....: 02/03/2005
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.36	U		0.079	0.36	1.00000	ug/L	141749		02/04/05 0354	san
	RDX	0.23	U		0.075	0.23	1.00000	ug/L	141749		02/04/05 0354	san
	1,3,5-Trinitrobenzene	0.23	U		0.068	0.23	1.00000	ug/L	141749		02/04/05 0354	san
	1,3-Dinitrobenzene	0.23	U		0.064	0.23	1.00000	ug/L	141749		02/04/05 0354	san
	Nitrobenzene	0.19	U		0.051	0.19	1.00000	ug/L	141749		02/04/05 0354	san
	2,4,6-TNT	0.29	U		0.091	0.29	1.00000	ug/L	141749		02/04/05 0354	san
	Tetryl	0.91	U		0.19	0.91	1.00000	ug/L	141749		02/04/05 0354	san
	2,4-Dinitrotoluene	0.42	U		0.14	0.42	1.00000	ug/L	141749		02/04/05 0354	san
	2,6-Dinitrotoluene	0.50	U		0.17	0.50	1.00000	ug/L	141749		02/04/05 0354	san
	2-Amino-4,6-Dinitrotoluene	0.42	U		0.14	0.42	1.00000	ug/L	141749		02/04/05 0354	san
	4-Amino-2,6-Dinitrotoluene	0.39	U		0.13	0.39	1.00000	ug/L	141749		02/04/05 0354	san
	2-Nitrotoluene	0.36	U		0.11	0.36	1.00000	ug/L	141749		02/04/05 0354	san
	4-Nitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	141749		02/04/05 0354	san
	3-Nitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	141749		02/04/05 0354	san

* In Description = Dry Wgt.

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Job Number: 233685		LABORATORY TEST RESULTS						Date: 02/07/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis						
Customer Sample ID: LL8mw-006-GW Date Sampled.....: 01/21/2005 Time Sampled.....: 10:40 Sample Matrix.....: Water			Laboratory Sample ID: 233685-2 Date Received.....: 01/22/2005 Time Received.....: 10:00										
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
353.2	Nitrogen, NO2, NO3 (Auto Cd Red.) Nitrate as N (NO3-N)	0.12	B		0.057	0.20	1	mg/L	140461		01/27/05 1224	kd	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											
Job Number: 233685					Date: 02/03/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCS				ATTN: Eric Ellis			
Customer Sample ID: LL8mm-006-GW Date Sampled.....: 01/21/2005 Time Sampled.....: 10:40 Sample Matrix.....: Water					Laboratory Sample ID: 233685-2 Date Received.....: 01/22/2005 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	QI FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U	2.5	7.5	1	ug/L	140534		01/27/05 1904	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U	0.51	2.0	1	ug/L	140662		01/28/05 1356	daj
7421	Lead (GFAA) Lead	3.0	U	0.79	3.0	1	ug/L	140683		01/28/05 1951	daj
7841	Thallium (GFAA) Thallium	4.0	U	1.3	4.0	1	ug/L	140464		01/27/05 0029	daj
7470A	Mercury (CVAA) Mercury	0.20	U	0.063	0.20	1	ug/L	140763		01/28/05 1335	gok
6010B	Metals Analysis (ICAP Trace)										
	Aluminum	150	U	24	150	1	ug/L	140536		01/28/05 0241	tds
	Barium	20		1.3	10	1	ug/L	140536		01/28/05 0241	tds
	Beryllium	2.0	U	0.25	2.0	1	ug/L	140536		01/28/05 0241	tds
	Cadmium	2.0	U	0.25	2.0	1	ug/L	140536		01/28/05 0241	tds
	Calcium	60000		9.5	100	1	ug/L	140536		01/28/05 0241	tds
	Chromium	10	U	1.1	10	1	ug/L	140536		01/28/05 0241	tds
	Cobalt	5.0	U	0.80	5.0	1	ug/L	140536		01/28/05 0241	tds
	Copper	10	U	2.2	10	1	ug/L	140536		01/28/05 0241	tds
	Iron	120	U	38	120	1	ug/L	140536		01/28/05 0241	tds
	Magnesium	24000		8.1	100	1	ug/L	140536		01/28/05 0241	tds
	Manganese	160		0.41	10	1	ug/L	140536		01/28/05 0241	tds
	Nickel	2.0	B	1.0	10	1	ug/L	140536		01/28/05 0241	tds
	Potassium	3300		66	500	1	ug/L	140536		01/28/05 0241	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233685 Date: 02/03/2005

CUSTOMER: NICK Engineers, Inc. PROJECT: USACE RVAAP 14 ADCS ATTN: Eric Ellis

Customer Sample ID: 1L8mw-006-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 10:40
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-2
 Date Received.....: 01/22/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	140536		01/28/05 0241	tds
	Silver	10	U		0.72	10	1	ug/L	140536		01/28/05 0241	tds
	Sodium	4400			490	1500	1	ug/L	140642		01/28/05 2027	tds
	Vanadium	10	U		1.0	10	1	ug/L	140536		01/28/05 0241	tds
	Zinc	30	U		1.6	30	1	ug/L	140536		01/28/05 0241	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233685								Date: 02/04/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADDS				ATTN: Eric Ellis				
Customer Sample ID: LL8mw-006-GW						Laboratory Sample ID: 233685-2						
Date Sampled.....: 01/21/2005						Date Received.....: 01/22/2005						
Time Sampled.....: 10:40						Time Received.....: 10:00						
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.14	U		0.045	0.14	1.00000	ug/L	141140		01/27/05 0135	bjt
	beta-BHC	0.095	U		0.027	0.095	1.00000	ug/L	141140		01/27/05 0135	bjt
	delta-BHC	0.095	U		0.024	0.095	1.00000	ug/L	141140		01/27/05 0135	bjt
	gamma-BHC (Lindane)	0.14	U		0.040	0.14	1.00000	ug/L	141140		01/27/05 0135	bjt
	Heptachlor	0.14	U		0.039	0.14	1.00000	ug/L	141140		01/27/05 0135	bjt
	Aldrin	0.095	U		0.027	0.095	1.00000	ug/L	141140		01/27/05 0135	bjt
	Heptachlor epoxide	0.14	U		0.034	0.14	1.00000	ug/L	141140		01/27/05 0135	bjt
	Endosulfan I	0.095	U		0.020	0.095	1.00000	ug/L	141140		01/27/05 0135	bjt
	Dieldrin	0.095	U		0.017	0.095	1.00000	ug/L	141140		01/27/05 0135	bjt
	4,4'-DDE	0.095	U		0.022	0.095	1.00000	ug/L	141140		01/27/05 0135	bjt
	Endrin	0.095	U		0.016	0.095	1.00000	ug/L	141140		01/27/05 0135	bjt
	Endosulfan II	0.14	U		0.040	0.14	1.00000	ug/L	141140		01/27/05 0135	bjt
	4,4'-DDD	0.10	U		0.034	0.10	1.00000	ug/L	141140		01/27/05 0135	bjt
	Endosulfan sulfate	0.14	U		0.042	0.14	1.00000	ug/L	141140		01/27/05 0135	bjt
	4,4'-DDT	0.14	U		0.047	0.14	1.00000	ug/L	141140		01/27/05 0135	bjt
	Methoxychlor	0.57	U		0.16	0.57	1.00000	ug/L	141140		01/27/05 0135	bjt
	alpha-Chlordane	0.048	U		0.015	0.048	1.00000	ug/L	141140		01/27/05 0135	bjt
	gamma-Chlordane	0.095	U		0.016	0.095	1.00000	ug/L	141140		01/27/05 0135	bjt
	Endrin aldehyde	0.14	U		0.033	0.14	1.00000	ug/L	141140		01/27/05 0135	bjt
	Endrin ketone	0.095	U		0.028	0.095	1.00000	ug/L	141140		01/27/05 0135	bjt
	Toxaphene	0.48	U		0.13	0.48	1.00000	ug/L	141140		01/27/05 0135	bjt

* In Description = Dry Wgt.

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Job Number: 233685		LABORATORY TEST RESULTS						Date:02/04/2005				
CUSTOMER: MKN Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-006-GW			Laboratory Sample ID: 233685-2									
Date Sampled.....: 01/21/2005			Date Received.....: 01/22/2005									
Time Sampled.....: 10:40			Time Received.....: 10:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8082	PCB Analysis											
	Aroclor 1016	0.57	U	0.17	0.57	1.00000	ug/L	141003		01/25/05 2247	bjt	
	Aroclor 1221	1.2	U	0.40	1.2	1.00000	ug/L	141003		01/25/05 2247	bjt	
	Aroclor 1232	1.2	U	0.33	1.2	1.00000	ug/L	141003		01/25/05 2247	bjt	
	Aroclor 1242	1.2	U	0.41	1.2	1.00000	ug/L	141003		01/25/05 2247	bjt	
	Aroclor 1248	1.4	U	0.46	1.4	1.00000	ug/L	141003		01/25/05 2247	bjt	
	Aroclor 1254	1.2	U	0.33	1.2	1.00000	ug/L	141003		01/25/05 2247	bjt	
	Aroclor 1260	0.57	U	0.16	0.57	1.00000	ug/L	141003		01/25/05 2247	bjt	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233685 Date: 02/03/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: LL8mw-006-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 10:40
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-2
 Date Received.....: 01/22/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Bromomethane	1.0	U	*	0.10	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Acetone	10	U		1.8	10	1.00000	ug/L	140908		02/02/05 0432	lm
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140908		02/02/05 0432	lm
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140908		02/02/05 0432	lm
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140908		02/02/05 0432	lm
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140908		02/02/05 0432	lm

* In Description = Dry Wgt.

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Job Number: 233685		LABORATORY TEST RESULTS						Date: 02/03/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE: RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL8mw-006-GW			Laboratory Sample ID: 233685-2									
Date Sampled.....: 01/21/2005			Date Received.....: 01/22/2005									
Time Sampled.....: 10:40			Time Received.....: 10:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140908		02/02/05 0432	lm
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	140908		02/02/05 0432	lm
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140908		02/02/05 0432	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233685 Date: 02/04/2005

CUSTOMER: MKN Engineers, Inc. PROJECT: USACE RVAAP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: LL8mw-006-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 10:40
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-2
 Date Received.....: 01/22/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.9	U		0.34	4.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.42	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.34	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	141183		01/31/05 0707	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	141183		01/31/05 0707	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.59	4.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.097	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	Nitrobenzene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	141183		01/31/05 0707	dpk
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	2,4-Dimethylphenol, Low Level Water	9.7	U		1.3	9.7	1.00000	ug/L	141183		01/31/05 0707	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.62	4.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	Naphthalene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk
	2,4-Dichlorophenol, Low Level Water	9.7	U		0.88	9.7	1.00000	ug/L	141183		01/31/05 0707	dpk
	4-Chloroaniline, Low Level Water	9.7	U		2.7	9.7	1.00000	ug/L	141183		01/31/05 0707	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.20	4.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.7	U		1.4	9.7	1.00000	ug/L	141183		01/31/05 0707	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U		0.63	19	1.00000	ug/L	141183		01/31/05 0707	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	141183		01/31/05 0707	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233685 Date: 02/04/2005

CUSTOMER: MKM Engineers, Inc. ATTN: Eric Ellis

PROJECT: USACE RVAAP 14 AOCs

Customer Sample ID: LL8mw-006-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 10:40
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-2
 Date Received.....: 01/22/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.7	U		2.3	9.7	1.00000	ug/L	141183		01/31/05 0707	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	141183		01/31/05 0707	dpk
	2-Nitrophenol, Low Level Water	9.7	U		0.80	9.7	1.00000	ug/L	141183		01/31/05 0707	dpk
	3-Nitroaniline, Low Level Water	9.7	U		2.0	9.7	1.00000	ug/L	141183		01/31/05 0707	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.2	19	1.00000	ug/L	141183		01/31/05 0707	dpk
	Acenaphthylene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk
	2,4-Dinitrotoluene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk
	Acenaphthene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.13	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	4-Nitrophenol, Low Level Water	19	U		3.6	19	1.00000	ug/L	141183		01/31/05 0707	dpk
	Fluorene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk
	4-Nitroaniline, Low Level Water	9.7	U		2.2	9.7	1.00000	ug/L	141183		01/31/05 0707	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.18	4.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	Hexachlorobenzene, Low Level Water	0.49	U		0.094	0.49	1.00000	ug/L	141183		01/31/05 0707	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.15	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.73	4.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	Pentachlorophenol, low Level Water	9.7	U		1.7	9.7	1.00000	ug/L	141183		01/31/05 0707	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	141183		01/31/05 0707	dpk
	Phenanthrene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk
	Anthracene, Low Level Water	0.97	U		0.15	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	Fluoranthene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk
	Pyrene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.38	1.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.048	0.19	1.00000	ug/L	141183		01/31/05 0707	dpk
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	141183		01/31/05 0707	dpk

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 233685 Date: 02/04/2005

CUSTOMER: MKM Engineers, Inc. ATTN: Eric Ellis

PROJECT: USACE RVAAP 14 ADCS

Customer Sample ID: LL8mw-006-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 10:40
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-2
 Date Received.....: 01/22/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.9	U		0.70	4.9	1.00000	ug/L	141183		01/31/05 0707	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	141183		01/31/05 0707	dpk
	Di-n-octyl phthalate, Low Level Water	9.7	U		2.4	9.7	1.00000	ug/L	141183		01/31/05 0707	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.065	0.39	1.00000	ug/L	141183		01/31/05 0707	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.070	0.39	1.00000	ug/L	141183		01/31/05 0707	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	141183		01/31/05 0707	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.083	0.39	1.00000	ug/L	141183		01/31/05 0707	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	141183		01/31/05 0707	dpk
	Benzo(ghi)perylene, Low Level Water	0.97	U		0.18	0.97	1.00000	ug/L	141183		01/31/05 0707	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233685 Date: 02/03/2005

CUSTOMER: MKN Engineers, Inc. PROJECT: USACE RMAAP 14 ADCS ATTN: Eric Ellis

Customer Sample ID: LL8mw-006-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 10:40
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-2
 Date Received.....: 01/22/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.31	U		0.068	0.31	1.00000	ug/L	140977		01/25/05 2134	san
	RDX	0.20	U		0.064	0.20	1.00000	ug/L	140977		01/25/05 2134	san
	1,3,5-Trinitrobenzene	0.20	U		0.058	0.20	1.00000	ug/L	140977		01/25/05 2134	san
	1,3-Dinitrobenzene	0.20	U		0.055	0.20	1.00000	ug/L	140977		01/25/05 2134	san
	Nitrobenzene	0.16	U		0.044	0.16	1.00000	ug/L	140977		01/25/05 2134	san
	2,4,6-TNT	0.25	U		0.078	0.25	1.00000	ug/L	140977		01/25/05 2134	san
	Tetryl	0.78	U		0.16	0.78	1.00000	ug/L	140977		01/25/05 2134	san
	2,4-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	140977		01/25/05 2134	san
	2,6-Dinitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	140977		01/25/05 2134	san
	2-Amino-4,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	140977		01/25/05 2134	san
	4-Amino-2,6-Dinitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	140977		01/25/05 2134	san
	2-Nitrotoluene	0.31	U		0.093	0.31	1.00000	ug/L	140977		01/25/05 2134	san
	4-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	140977		01/25/05 2134	san
	3-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	140977		01/25/05 2134	san

* In Description = Dry Wgt.

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Job Number: 233355 LABORATORY TEST RESULTS Date: 01/21/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RWAP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: L10mw-001-GW
 Date Sampled.....: 01/10/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233355-1
 Date Received.....: 01/11/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	4.4		B	2.5	7.5	1	ug/L	139654		01/17/05 1244	daj
7060A	Arsenic (GFAA) Arsenic	2.0		U	0.51	2.0	1	ug/L	139685		01/17/05 1417	daj
7421	Lead (GFAA) Lead	3.0		U	0.79	3.0	1	ug/L	139852		01/18/05 1701	daj
7841	Thallium (GFAA) Thallium	1.5		B	1.3	4.0	1	ug/L	139652		01/17/05 2251	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	139868		01/19/05 1434	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150		U	24	150	1	ug/L	139815		01/19/05 1602	tds
	Barium	14		U	1.3	10	1	ug/L	139815		01/19/05 1602	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	139815		01/19/05 1602	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	139815		01/19/05 1602	tds
	Calcium	68000		U	9.5	100	1	ug/L	139815		01/19/05 1602	tds
	Chromium	10		U	1.1	10	1	ug/L	139815		01/19/05 1602	tds
	Cobalt	5.0		U	0.80	5.0	1	ug/L	139815		01/19/05 1602	tds
	Copper	10		U	2.2	10	1	ug/L	139815		01/19/05 1602	tds
	Iron	120		U	38	120	1	ug/L	139815		01/19/05 1602	tds
	Magnesium	23000		U	8.1	100	1	ug/L	139815		01/19/05 1602	tds
	Manganese	63		U	0.41	10	1	ug/L	139815		01/19/05 1602	tds
	Nickel	1.9		B	1.0	10	1	ug/L	139815		01/19/05 1602	tds
	Potassium	1400		U	66	500	1	ug/L	139815		01/19/05 1602	tds

* In Description = Dry Wgt.

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Job Number: 233355		LABORATORY TEST RESULTS					Date: 01/21/2005					
CUSTOMER: MCM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: L10mw-001-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 11:00 Sample Matrix.....: Water			Laboratory Sample ID: 233355-1 Date Received.....: 01/11/2005 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	QTY/UTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15		U	3.0	15	1	ug/L	139815		01/19/05 1602	tds
	Silver	10		U	0.72	10	1	ug/L	139815		01/19/05 1602	tds
	Sodium	7500			490	1500	1	ug/L	139927		01/20/05 1406	tds
	Vanadium	10		U	1.0	10	1	ug/L	139815		01/19/05 1602	tds
	Zinc	2.6		B	1.6	30	1	ug/L	139815		01/19/05 1602	tds

* In Description = Dry Wgt.

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Job Number: 233355		LABORATORY TEST RESULTS						Date: 01/25/2005			
CUSTOMER: MCM Engineers, Inc.			PROJECT: USACE R/VAMP 14 ADCS			ATTN: Eric Buys					
Customer Sample ID: L10mw-001-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 11:00 Sample Matrix.....: Water			Laboratory Sample ID: 233355-1 Date Received.....: 01/11/2005 Time Received.....: 10:00								
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B NDRO	TPH - Diesel Range Organics (DRO) Diesel Range Organics (DRO)	0.12	U	0.028	0.12	1.00000	mg/L	140139		01/13/05 1852	pjg

* In Description = Dry Wgt.

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Job Number: 233355		LABORATORY TEST RESULTS						Date:01/20/2005				
CUSTOMER: MGH Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: L10mw-001-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 11:00 Sample Matrix.....: Water			Laboratory Sample ID: 233355-1 Date Received.....: 01/11/2005 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MGRO	TPH - Gasoline Range Organics (GRO) Gasoline Range Organics (GRO)	50		U	16	50	1.00000	ug/L	139795		01/19/05 0500	wre

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233355

Date: 01/21/2005

CUSTOMER: MKH Engineers, Inc.

PROJECT: USACE RVAMP 1% ADDS

ATTN: Eric Ellis

Customer Sample ID: L10mw-001-GW
 Date Sampled.....: 01/10/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233355-1
 Date Received.....: 01/11/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.14	U		0.044	0.14	1.00000	ug/L	139673		01/14/05 1438	kd1
	beta-BHC	0.094	U		0.026	0.094	1.00000	ug/L	139673		01/14/05 1438	kd1
	delta-BHC	0.094	U		0.024	0.094	1.00000	ug/L	139673		01/14/05 1438	kd1
	gamma-BHC (Lindane)	0.14	U		0.040	0.14	1.00000	ug/L	139673		01/14/05 1438	kd1
	Heptachlor	0.14	U		0.039	0.14	1.00000	ug/L	139673		01/14/05 1438	kd1
	Aldrin	0.094	U		0.026	0.094	1.00000	ug/L	139673		01/14/05 1438	kd1
	Heptachlor epoxide	0.14	U		0.034	0.14	1.00000	ug/L	139673		01/14/05 1438	kd1
	Endosulfan I	0.094	U		0.020	0.094	1.00000	ug/L	139673		01/14/05 1438	kd1
	Dieldrin	0.094	U		0.017	0.094	1.00000	ug/L	139673		01/14/05 1438	kd1
	4,4'-DDE	0.094	U		0.022	0.094	1.00000	ug/L	139673		01/14/05 1438	kd1
	Endrin	0.094	U		0.016	0.094	1.00000	ug/L	139673		01/14/05 1438	kd1
	Endosulfan II	0.14	U		0.040	0.14	1.00000	ug/L	139673		01/14/05 1438	kd1
	4,4'-DDD	0.10	U		0.034	0.10	1.00000	ug/L	139673		01/14/05 1438	kd1
	Endosulfan sulfate	0.14	U		0.042	0.14	1.00000	ug/L	139673		01/14/05 1438	kd1
	4,4'-DDT	0.14	U		0.046	0.14	1.00000	ug/L	139673		01/14/05 1438	kd1
	Methoxychlor	0.57	U		0.16	0.57	1.00000	ug/L	139673		01/14/05 1438	kd1
	alpha-Chlordane	0.047	U		0.015	0.047	1.00000	ug/L	139673		01/14/05 1438	kd1
	gamma-Chlordane	0.094	U		0.016	0.094	1.00000	ug/L	139673		01/14/05 1438	kd1
	Endrin aldehyde	0.14	U		0.033	0.14	1.00000	ug/L	139673		01/14/05 1438	kd1
	Endrin ketone	0.094	U		0.027	0.094	1.00000	ug/L	139673		01/14/05 1438	kd1
	Toxaphene	0.47	U		0.13	0.47	1.00000	ug/L	139673		01/14/05 1438	kd1

* In Description = Dry Wgt.

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Job Number: 233355		LABORATORY TEST RESULTS					Date: 01/24/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS			ATTN: Eric Ellis						
Customer Sample ID: L10mw-001-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 11:00 Sample Matrix.....: Water			Laboratory Sample ID: 233355-1 Date Received.....: 01/11/2005 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.57	U		0.17	0.57	1.00000	ug/L	140067		01/14/05 1252	bjt
	Aroclor 1221	1.2	U		0.40	1.2	1.00000	ug/L	140067		01/14/05 1252	bjt
	Aroclor 1232	1.2	U		0.33	1.2	1.00000	ug/L	140067		01/14/05 1252	bjt
	Aroclor 1242	1.2	U		0.41	1.2	1.00000	ug/L	140067		01/14/05 1252	bjt
	Aroclor 1248	1.4	U		0.45	1.4	1.00000	ug/L	140067		01/14/05 1252	bjt
	Aroclor 1254	1.2	U		0.33	1.2	1.00000	ug/L	140067		01/14/05 1252	bjt
	Aroclor 1260	0.57	U		0.16	0.57	1.00000	ug/L	140067		01/14/05 1252	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233355						Date: 01/20/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: L10mw-001-GW Date Sampled: 01/10/2005 Time Sampled: 11:00 Sample Matrix: Water						Laboratory Sample ID: 233355-1 Date Received: 01/11/2005 Time Received: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
82608	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Acetone	10	U	*	1.8	10	1.00000	ug/L	139628		01/17/05 2216	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	139628		01/17/05 2216	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	2-Butanone (MEK)	10	U	*	1.2	10	1.00000	ug/L	139628		01/17/05 2216	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Carbon tetrachloride	1.2	U	H	0.13	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	4-Methyl-2-pentanone (MIBK)	10	U	*	0.65	10	1.00000	ug/L	139628		01/17/05 2216	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	2-Hexanone	10	U	*	0.53	10	1.00000	ug/L	139628		01/17/05 2216	jdj

* In Description = Dry Wgt.

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Job Number: 233355		LABORATORY TEST RESULTS						Date: 01/20/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RYAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: L10mw-001-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 11:00 Sample Matrix.....: Water			Laboratory Sample ID: 233355-1 Date Received.....: 01/11/2005 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	1,2-Dibromoethane (EDB)	1.0	U	*	0.13	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	139628		01/17/05 2216	jdj

* In Description = Dry Wgt.

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Job Number: 233355		LABORATORY TEST RESULTS						Date: 01/18/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: L10M-001-GW Date Sampled: 01/10/2005 Time Sampled: 11:00 Sample Matrix: Water			Laboratory Sample ID: 233355-1 Date Received: 01/11/2005 Time Received: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.7	U		0.33	4.7	1.00000	ug/L	139661		01/14/05 1820	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.28	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.40	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.31	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	139661		01/14/05 1820	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.24	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.26	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.47	U		0.076	0.47	1.00000	ug/L	139661		01/14/05 1820	dpk
	Hexachloroethane, Low Level Water	4.7	U		0.57	4.7	1.00000	ug/L	139661		01/14/05 1820	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.093	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	2-Chlorophenol, Low Level Water	4.7	U		0.11	4.7	1.00000	ug/L	139661		01/14/05 1820	dpk
	Nitrobenzene, Low Level Water	0.93	U		0.15	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	Benzoic acid, Low Level Water	19	U		2.8	19	1.00000	ug/L	139661		01/14/05 1820	dpk
	Isophorone, Low Level Water	1.9	U		0.24	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	2,4-Dimethylphenol, Low Level Water	9.3	U		1.2	9.3	1.00000	ug/L	139661		01/14/05 1820	dpk
	Hexachlorobutadiene, Low Level Water	4.7	U		0.60	4.7	1.00000	ug/L	139661		01/14/05 1820	dpk
	Naphthalene, Low Level Water	0.93	U		0.15	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk
	2,4-Dichlorophenol, Low Level Water	9.3	U		0.85	9.3	1.00000	ug/L	139661		01/14/05 1820	dpk
	4-Chloroaniline, Low Level Water	9.3	U		2.6	9.3	1.00000	ug/L	139661		01/14/05 1820	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.7	U		0.20	4.7	1.00000	ug/L	139661		01/14/05 1820	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.3	U		1.3	9.3	1.00000	ug/L	139661		01/14/05 1820	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U		0.61	19	1.00000	ug/L	139661		01/14/05 1820	dpk
	2-Methylnaphthalene, Low Level Water	0.47	U		0.12	0.47	1.00000	ug/L	139661		01/14/05 1820	dpk
	2-Nitroaniline, Low Level Water	4.7	U		0.21	4.7	1.00000	ug/L	139661		01/14/05 1820	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.24	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk

* In Description = Dry Wgt.

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Job Number: 233355 LABORATORY TEST RESULTS Date: 01/18/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: L10mw-001-GW
 Date Sampled.....: 01/10/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233355-1
 Date Received.....: 01/11/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.3	U		2.2	9.3	1.00000	ug/L	139661		01/14/05 1820	dpk
	2,6-Dinitrotoluene, Low Level Water	0.47	U		0.10	0.47	1.00000	ug/L	139661		01/14/05 1820	dpk
	2-Nitrophenol, Low Level Water	9.3	U		0.77	9.3	1.00000	ug/L	139661		01/14/05 1820	dpk
	3-Nitroaniline, Low Level Water	9.3	U		2.0	9.3	1.00000	ug/L	139661		01/14/05 1820	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.1	19	1.00000	ug/L	139661		01/14/05 1820	dpk
	Acenaphthylene, Low Level Water	0.93	U		0.11	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk
	2,4-Dinitrotoluene, Low Level Water	0.93	U		0.12	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk
	Acenaphthene, Low Level Water	0.93	U		0.11	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.12	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	4-Nitrophenol, Low Level Water	19	U		3.5	19	1.00000	ug/L	139661		01/14/05 1820	dpk
	Fluorene, Low Level Water	0.93	U		0.12	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk
	4-Nitroaniline, Low Level Water	9.3	U		2.1	9.3	1.00000	ug/L	139661		01/14/05 1820	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.7	U		0.18	4.7	1.00000	ug/L	139661		01/14/05 1820	dpk
	Hexachlorobenzene, Low Level Water	0.47	U		0.091	0.47	1.00000	ug/L	139661		01/14/05 1820	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.14	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.7	U		0.70	4.7	1.00000	ug/L	139661		01/14/05 1820	dpk
	Pentachlorophenol, Low Level Water	9.3	U		1.6	9.3	1.00000	ug/L	139661		01/14/05 1820	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.93	U		0.12	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.2	19	1.00000	ug/L	139661		01/14/05 1820	dpk
	Phenanthrene, Low Level Water	0.93	U		0.13	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk
	Anthracene, Low Level Water	0.93	U		0.14	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk
	Carbazole, Low Level Water	4.7	U		0.27	4.7	1.00000	ug/L	139661		01/14/05 1820	dpk
	Di-n-butyl phthalate, Low Level Water	4.7	U		0.34	4.7	1.00000	ug/L	139661		01/14/05 1820	dpk
	Fluoranthene, Low Level Water	0.93	U		0.13	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk
	Pyrene, Low Level Water	0.93	U		0.11	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.36	1.9	1.00000	ug/L	139661		01/14/05 1820	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.046	0.19	1.00000	ug/L	139661		01/14/05 1820	dpk
	Chrysene, Low Level Water	0.47	U		0.042	0.47	1.00000	ug/L	139661		01/14/05 1820	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233355 Date: 01/18/2005

CUSTOMER: NKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: L10mw-001-GW
 Date Sampled.....: 01/10/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233355-1
 Date Received.....: 01/11/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q-FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.7	U	0.67	4.7	1.00000	ug/L	139661		01/14/05 1820	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U	3.6	14	1.00000	ug/L	139661		01/14/05 1820	dpk
	Di-n-octyl phthalate, Low Level Water	9.3	U	2.3	9.3	1.00000	ug/L	139661		01/14/05 1820	dpk
	Benzo(b)fluoranthene, Low Level Water	0.37	U	0.063	0.37	1.00000	ug/L	139661		01/14/05 1820	dpk
	Benzo(k)fluoranthene, Low Level Water	0.37	U	0.067	0.37	1.00000	ug/L	139661		01/14/05 1820	dpk
	Benzo(a)pyrene, Low Level Water	0.37	U	0.079	0.37	1.00000	ug/L	139661		01/14/05 1820	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.37	U	0.080	0.37	1.00000	ug/L	139661		01/14/05 1820	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.37	U	0.12	0.37	1.00000	ug/L	139661		01/14/05 1820	dpk
	Benzo(ghi)perylene, Low Level Water	0.93	U	0.18	0.93	1.00000	ug/L	139661		01/14/05 1820	dpk

* In Description = Dry Wgt.

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Job Number: 233355		LABORATORY TEST RESULTS						Date:01/20/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS			ATTN: Eric Ellis						
Customer Sample ID: L10mw-001-GW			Laboratory Sample ID: 233355-1									
Date Sampled.....: 01/10/2005			Date Received.....: 01/11/2005									
Time Sampled.....: 11:00			Time Received.....: 10:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q-FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8330	Explosives by 8330 (HPLC)											
	HMX	0.41	U	0.090	0.41	1.00000	ug/L	139842		01/12/05 2133	san	
	RDX	0.26	U	0.084	0.26	1.00000	ug/L	139842		01/12/05 2133	san	
	1,3,5-Trinitrobenzene	0.26	U	0.076	0.26	1.00000	ug/L	139842		01/12/05 2133	san	
	1,3-Dinitrobenzene	0.26	U	0.072	0.26	1.00000	ug/L	139842		01/12/05 2133	san	
	Nitrobenzene	0.21	U	0.058	0.21	1.00000	ug/L	139842		01/12/05 2133	san	
	2,4,6-TNT	1.2	U	0.10	0.33	1.00000	ug/L	139842		01/12/05 2133	san	
	Tetryl	1.0	U	0.22	1.0	1.00000	ug/L	139842		01/12/05 2133	san	
	2,4-Dinitrotoluene	0.47	U	0.16	0.47	1.00000	ug/L	139842		01/12/05 2133	san	
	2,6-Dinitrotoluene	0.57	U	0.19	0.57	1.00000	ug/L	139842		01/12/05 2133	san	
	2-Amino-4,6-Dinitrotoluene	0.47	U	0.16	0.47	1.00000	ug/L	139842		01/12/05 2133	san	
	4-Amino-2,6-Dinitrotoluene	0.43	U	0.15	0.43	1.00000	ug/L	139842		01/12/05 2133	san	
	2-Nitrotoluene	0.41	U	0.12	0.41	1.00000	ug/L	139842		01/12/05 2133	san	
	4-Nitrotoluene	0.41	U	0.13	0.41	1.00000	ug/L	139842		01/12/05 2133	san	
	3-Nitrotoluene	0.41	U	0.13	0.41	1.00000	ug/L	139842		01/12/05 2133	san	
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.3	U	0.20	1.3	1.00000	ug/L	139836		01/14/05 0454	san	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233355 Date: 01/25/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USAGE RYAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: L10mw-001-GW
 Date Sampled.....: 01/10/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233355-1
 Date Received.....: 01/11/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
9014/9010B	Cyanide (Colorimetric) Cyanide, Total	0.010	U		0.0044	0.010	1	mg/L	139308		01/12/05 1501	mtb

* [n Description = Dry Wgt.

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Job Number: 233355

LABORATORY TEST RESULTS

Date: 01/21/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: L10mw-002-GW
 Date Sampled.....: 01/10/2005
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 233355-2
 Date Received.....: 01/11/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	139654		01/17/05 1256	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	139685		01/17/05 1429	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	139852		01/18/05 1712	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	139652		01/17/05 2322	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	139868		01/19/05 1436	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	139815		01/19/05 1624	tds
	Barium	17	U		1.3	10	1	ug/L	139815		01/19/05 1624	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	139815		01/19/05 1624	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	139815		01/19/05 1624	tds
	Calcium	28000	U		9.5	100	1	ug/L	139815		01/19/05 1624	tds
	Chromium	10	U		1.1	10	1	ug/L	139815		01/19/05 1624	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	139815		01/19/05 1624	tds
	Copper	10	U		2.2	10	1	ug/L	139815		01/19/05 1624	tds
	Iron	120	U		38	120	1	ug/L	139815		01/19/05 1624	tds
	Magnesium	7700	U		8.1	100	1	ug/L	139815		01/19/05 1624	tds
	Manganese	2.1	B		0.41	10	1	ug/L	139815		01/19/05 1624	tds
	Nickel	2.3	B		1.0	10	1	ug/L	139815		01/19/05 1624	tds
	Potassium	1000	U		66	500	1	ug/L	139815		01/19/05 1624	tds

* In Description = Dry Wgt.

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Job Number: 233355 LABORATORY TEST RESULTS Date: 01/21/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 ADCS ATTN: Eric Ellis

Customer Sample ID: L10mw-002-GW
 Date Sampled.....: 01/10/2005
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 233355-2
 Date Received.....: 01/11/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15		U	3.0	15	1	ug/L	139815		01/19/05 1624	tds
	Silver	10		U	0.72	10	1	ug/L	139815		01/19/05 1624	tds
	Sodium	5600			490	1500	1	ug/L	139927		01/20/05 1437	tds
	Vanadium	10		U	1.0	10	1	ug/L	139815		01/19/05 1624	tds
	Zinc	6.7		B	1.6	30	1	ug/L	139815		01/19/05 1624	tds

* In Description = Dry Wgt.

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Job Number: 233355		LABORATORY TEST RESULTS						Date:01/25/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADDS				ATTN: Eric Ellis					
Customer Sample ID: L10mw-002-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 09:20 Sample Matrix.....: Water			Laboratory Sample ID: 233355-2 Date Received.....: 01/11/2005 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO) Diesel Range Organics (DRO)	0.12	U		0.028	0.12	1.00000	mg/L	140139		01/13/05 1928	pjs

* In Description = Dry Wgt.

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Job Number: 233355		LABORATORY TEST RESULTS						Date: 01/20/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS			ATTN: Eric Ellis						
Customer Sample ID: L10mw-002-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 09:20 Sample Matrix.....: Water			Laboratory Sample ID: 233355-2 Date Received.....: 01/11/2005 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MGRO	TPH - Gasoline Range Organics (GRO) Gasoline Range Organics (GRO)	50	U		16	50	1.00000	ug/L	139795		01/19/05 0653	wre

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233355

Date: 01/21/2005

CUSTOMER: MCH Engineers, Inc.

PROJECT: USACE RYAAP 14 ADES

ATTN: Eric Ellis

Customer Sample ID: L10mw-002-GW
 Date Sampled.....: 01/10/2005
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 233355-2
 Date Received.....: 01/11/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q-FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis										
	alpha-BHC	0.15	U	0.046	0.15	1.00000	ug/L	139673		01/14/05 1503	kdL
	beta-BHC	0.097	U	0.027	0.097	1.00000	ug/L	139673		01/14/05 1503	kdL
	delta-BHC	0.097	U	0.024	0.097	1.00000	ug/L	139673		01/14/05 1503	kdL
	gamma-BHC (Lindane)	0.15	U	0.041	0.15	1.00000	ug/L	139673		01/14/05 1503	kdL
	Heptachlor	0.15	U	0.040	0.15	1.00000	ug/L	139673		01/14/05 1503	kdL
	Aldrin	0.097	U	0.027	0.097	1.00000	ug/L	139673		01/14/05 1503	kdL
	Heptachlor epoxide	0.15	U	0.035	0.15	1.00000	ug/L	139673		01/14/05 1503	kdL
	Endosulfan I	0.097	U	0.020	0.097	1.00000	ug/L	139673		01/14/05 1503	kdL
	Dieldrin	0.097	U	0.017	0.097	1.00000	ug/L	139673		01/14/05 1503	kdL
	4,4'-DDE	0.097	U	0.022	0.097	1.00000	ug/L	139673		01/14/05 1503	kdL
	Endrin	0.097	U	0.017	0.097	1.00000	ug/L	139673		01/14/05 1503	kdL
	Endosulfan II	0.15	U	0.041	0.15	1.00000	ug/L	139673		01/14/05 1503	kdL
	4,4'-DDD	0.11	U	0.035	0.11	1.00000	ug/L	139673		01/14/05 1503	kdL
	Endosulfan sulfate	0.15	U	0.043	0.15	1.00000	ug/L	139673		01/14/05 1503	kdL
	4,4'-DDT	0.15	U	0.048	0.15	1.00000	ug/L	139673		01/14/05 1503	kdL
	Methoxychlor	0.58	U	0.17	0.58	1.00000	ug/L	139673		01/14/05 1503	kdL
	alpha-Chlordane	0.049	U	0.016	0.049	1.00000	ug/L	139673		01/14/05 1503	kdL
	gamma-Chlordane	0.097	U	0.017	0.097	1.00000	ug/L	139673		01/14/05 1503	kdL
	Endrin aldehyde	0.15	U	0.034	0.15	1.00000	ug/L	139673		01/14/05 1503	kdL
	Endrin ketone	0.097	U	0.028	0.097	1.00000	ug/L	139673		01/14/05 1503	kdL
	Toxaphene	0.49	U	0.14	0.49	1.00000	ug/L	139673		01/14/05 1503	kdL

* In Description = Dry Wgt.

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Job Number: 233355		LABORATORY TEST RESULTS							Date:01/24/2005			
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAMP 14 AQCS				ATTN: Eric Ellis					
Customer Sample ID: L10mw-002-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 09:20 Sample Matrix.....: Water			Laboratory Sample ID: 233355-2 Date Received.....: 01/11/2005 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.58	U		0.17	0.58	1.00000	ug/L	140067		01/14/05 1316	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	140067		01/14/05 1316	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	140067		01/14/05 1316	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	140067		01/14/05 1316	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	140067		01/14/05 1316	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	140067		01/14/05 1316	bjt
	Aroclor 1260	0.58	U		0.17	0.58	1.00000	ug/L	140067		01/14/05 1316	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233355						Date: 01/20/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis				
Customer Sample ID: L10mw-002-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 233355-2 Date Received.....: 01/11/2005 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Acetone	10	U	*	1.8	10	1.00000	ug/L	139628		01/17/05 2239	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	139628		01/17/05 2239	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	2-Butanone (MEK)	10	U	*	1.2	10	1.00000	ug/L	139628		01/17/05 2239	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	4-Methyl-2-pentanone (MIBK)	10	U	*	0.65	10	1.00000	ug/L	139628		01/17/05 2239	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	2-Hexanone	10	U	*	0.53	10	1.00000	ug/L	139628		01/17/05 2239	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233355						Date: 01/20/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOC5				ATTN: Eric Ellis				
Customer Sample ID: L10mw-002-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 233355-2 Date Received.....: 01/11/2005 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	1,2-Dibromoethane (EDB)	1.0	U	*	0.13	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	139628		01/17/05 2239	jdj

* In Description = Dry Wgt.

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Job Number: 233355		LABORATORY TEST RESULTS							Date:01/18/2005			
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: L10mw-002-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 09:20 Sample Matrix.....: Water				Laboratory Sample ID: 233355-2 Date Received.....: 01/11/2005 Time Received.....: 10:00								
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.9	U		0.34	4.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.42	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.34	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	139661		01/14/05 1513	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	139661		01/14/05 1513	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.59	4.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.097	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	Nitrobenzene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	139661		01/14/05 1513	dpk
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	2,4-Dimethylphenol, Low Level Water	9.7	U		1.3	9.7	1.00000	ug/L	139661		01/14/05 1513	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.62	4.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	Naphthalene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk
	2,4-Dichlorophenol, Low Level Water	9.7	U		0.88	9.7	1.00000	ug/L	139661		01/14/05 1513	dpk
	4-Chloroaniline, Low Level Water	9.7	U		2.7	9.7	1.00000	ug/L	139661		01/14/05 1513	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.20	4.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.7	U		1.4	9.7	1.00000	ug/L	139661		01/14/05 1513	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U		0.63	19	1.00000	ug/L	139661		01/14/05 1513	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	139661		01/14/05 1513	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233355 Date: 01/18/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: L10mw-002-GW
 Date Sampled.....: 01/10/2005
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 233355-2
 Date Received.....: 01/11/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.7	U	2.3	9.7	1.00000	ug/L	139661		01/14/05 1513	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U	0.11	0.49	1.00000	ug/L	139661		01/14/05 1513	dpk
	2-Nitrophenol, Low Level Water	9.7	U	0.80	9.7	1.00000	ug/L	139661		01/14/05 1513	dpk
	3-Nitroaniline, Low Level Water	9.7	U	2.0	9.7	1.00000	ug/L	139661		01/14/05 1513	dpk
	Dimethyl phthalate, Low Level Water	1.9	U	0.20	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	2,4-Dinitrophenol, Low Level Water	19	U	3.2	19	1.00000	ug/L	139661		01/14/05 1513	dpk
	Acenaphthylene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk
	2,4-Dinitrotoluene, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk
	Acenaphthene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk
	Dibenzofuran, Low Level Water	1.9	U	0.13	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	4-Nitrophenol, Low Level Water	19	U	3.6	19	1.00000	ug/L	139661		01/14/05 1513	dpk
	Fluorene, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk
	4-Nitroaniline, Low Level Water	9.7	U	2.2	9.7	1.00000	ug/L	139661		01/14/05 1513	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U	0.18	4.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	Hexachlorobenzene, Low Level Water	0.49	U	0.094	0.49	1.00000	ug/L	139661		01/14/05 1513	dpk
	Diethyl phthalate, Low Level Water	1.9	U	0.15	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U	0.73	4.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	Pentachlorophenol, Low Level Water	9.7	U	1.7	9.7	1.00000	ug/L	139661		01/14/05 1513	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U	2.3	19	1.00000	ug/L	139661		01/14/05 1513	dpk
	Phenanthrene, Low Level Water	0.97	U	0.14	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk
	Anthracene, Low Level Water	0.97	U	0.15	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk
	Carbazole, Low Level Water	4.9	U	0.28	4.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U	0.35	4.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	Fluoranthene, Low Level Water	0.97	U	0.14	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk
	Pyrene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U	0.38	1.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U	0.048	0.19	1.00000	ug/L	139661		01/14/05 1513	dpk
	Chrysene, Low Level Water	0.49	U	0.044	0.49	1.00000	ug/L	139661		01/14/05 1513	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233355					Date: 01/18/2005							
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE BVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: L10mw-002-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 09:20 Sample Matrix.....: Water					Laboratory Sample ID: 233355-2 Date Received.....: 01/11/2005 Time Received.....: 10:00							
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	BT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.9	U		0.70	4.9	1.00000	ug/L	139661		01/14/05 1513	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	139661		01/14/05 1513	dpk
	Di-n-octyl phthalate, Low Level Water	9.7	U		2.4	9.7	1.00000	ug/L	139661		01/14/05 1513	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.065	0.39	1.00000	ug/L	139661		01/14/05 1513	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.070	0.39	1.00000	ug/L	139661		01/14/05 1513	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	139661		01/14/05 1513	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.083	0.39	1.00000	ug/L	139661		01/14/05 1513	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	139661		01/14/05 1513	dpk
	Benzo(ghi)perylene, Low Level Water	0.97	U		0.18	0.97	1.00000	ug/L	139661		01/14/05 1513	dpk

* In Description = Dry Wgt.

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Job Number: 233355

LABORATORY TEST RESULTS

Date: 01/20/2005

CUSTOMER: NKN Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: L10mw-002-GW
 Date Sampled.....: 01/10/2005
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 233355-2
 Date Received.....: 01/11/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RI	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	MMX	0.31	U		0.068	0.31	1.00000	ug/L	139842		01/12/05 2206	san
	RDX	0.20	U		0.064	0.20	1.00000	ug/L	139842		01/12/05 2206	san
	1,3,5-Trinitrobenzene	0.20	U		0.058	0.20	1.00000	ug/L	139842		01/12/05 2206	san
	1,3-Dinitrobenzene	0.20	U		0.055	0.20	1.00000	ug/L	139842		01/12/05 2206	san
	Nitrobenzene	0.16	U		0.044	0.16	1.00000	ug/L	139842		01/12/05 2206	san
	2,4,6-TNT	0.17	J		0.078	0.25	1.00000	ug/L	139842		01/12/05 2206	san
	Tetryl	0.78	U		0.16	0.78	1.00000	ug/L	139842		01/12/05 2206	san
	2,4-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	139842		01/12/05 2206	san
	2,6-Dinitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	139842		01/12/05 2206	san
	2-Amino-4,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	139842		01/12/05 2206	san
	4-Amino-2,6-Dinitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	139842		01/12/05 2206	san
	2-Nitrotoluene	0.31	U		0.093	0.31	1.00000	ug/L	139842		01/12/05 2206	san
	4-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	139842		01/12/05 2206	san
	3-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	139842		01/12/05 2206	san
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.0	U	a	0.15	1.0	1.00000	ug/L	139836		01/14/05 0530	san	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											
Job Number: 233355								Date: 01/25/2005			
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis			
Customer Sample ID: L10m-002-GW Date Sampled.....: 01/10/2005 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 233355-2 Date Received.....: 01/11/2005 Time Received.....: 10:00					
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
9014/9010B	Cyanide (Colorimetric) Cyanide, Total	0.010	U	0.0044	0.010	1	mg/L	139308		01/12/05 1501	mtb

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233541

Date: 02/01/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 MOCS

ATTN: Eric Ellis

Customer Sample ID: L10mw-003-GW
 Date Sampled.....: 01/17/2005
 Time Sampled.....: 11:45
 Sample Matrix.....: Water

Laboratory Sample ID: 233541-2
 Date Received.....: 01/18/2005
 Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	139858		01/19/05 1729	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	140084		01/20/05 1359	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	140165		01/20/05 1626	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	139832		01/19/05 1648	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	139868		01/19/05 1503	daj
60108	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	140532		01/27/05 1432	tds
	Barium	7.8	B		1.3	10	1	ug/L	140532		01/27/05 1432	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	140532		01/27/05 1432	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	140646		01/28/05 1403	tds
	Calcium	71000	U		9.5	100	1	ug/L	140532		01/27/05 1432	tds
	Chromium	10	U		1.1	10	1	ug/L	140532		01/27/05 1432	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	140646		01/28/05 1403	tds
	Copper	10	U		2.2	10	1	ug/L	140532		01/27/05 1432	tds
	Iron	120	U		38	120	1	ug/L	140532		01/27/05 1432	tds
	Magnesium	21000	U		8.1	100	1	ug/L	140646		01/28/05 1403	tds
	Manganese	45	U		0.41	10	1	ug/L	140532		01/27/05 1432	tds
	Nickel	2.1	B		1.0	10	1	ug/L	140532		01/27/05 1432	tds
	Potassium	1000	U		66	500	1	ug/L	140532		01/27/05 1432	tds

* In Description = Dry Wgt.

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Job Number: 233541		LABORATORY TEST RESULTS					Date: 02/01/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS			ATTN: Eric Ellis						
Customer Sample ID: L10mw-003-GW			Laboratory Sample ID: 233541-2									
Date Sampled.....: 01/17/2005			Date Received.....: 01/18/2005									
Time Sampled.....: 11:45			Time Received.....: 09:40									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	140532		01/27/05 1432	tds
	Silver	10	U		0.72	10	1	ug/L	140532		01/27/05 1432	tds
	Sodium	6100			490	1500	1	ug/L	140532		01/27/05 1432	tds
	Vanadium	10	U		1.0	10	1	ug/L	140532		01/27/05 1432	tds
	Zinc	17	B		1.6	30	1	ug/L	140532		01/27/05 1432	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233541								Date: 01/29/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: L10mw-003-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 11:45 Sample Matrix.....: Water						Laboratory Sample ID: 233541-2 Date Received.....: 01/18/2005 Time Received.....: 09:40						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MGRO	TPH - Gasoline Range Organics (GRO) Gasoline Range Organics (GRO)	50		U	16	50	1.00000	ug/L	140592		01/28/05 1208	wre

* In Description = Dry Wgt.

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Job Number: 233541		LABORATORY TEST RESULTS						Date: 01/25/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis						
Customer Sample ID: L10mw-003-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 11:45 Sample Matrix.....: Water			Laboratory Sample ID: 233541-2 Date Received.....: 01/18/2005 Time Received.....: 09:40										
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8015B MDRO	TPH - Diesel Range Organics (DRO) Diesel Range Organics (DRO)	0.13	U		0.030	0.13	1.00000	mg/L	140196		01/21/05 1520	png	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233541				Date: 01/28/2005								
CUSTOMER: MKM Engineers, Inc.				PROJECT: USAGE RVAAP 14 AGGS				ATTN: Eric ELLIS				
Customer Sample ID: L10mw-003-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 11:45 Sample Matrix.....: Water						Laboratory Sample ID: 233541-2 Date Received.....: 01/18/2005 Time Received.....: 09:40						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	ML	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.16	U		0.049	0.16	1.00000	ug/L	140531		01/22/05 0130	kdL
	beta-BHC	0.10	U		0.029	0.10	1.00000	ug/L	140531		01/22/05 0130	kdL
	delta-BHC	0.10	U		0.026	0.10	1.00000	ug/L	140531		01/22/05 0130	kdL
	gamma-BHC (Lindane)	0.16	U		0.044	0.16	1.00000	ug/L	140531		01/22/05 0130	kdL
	Heptachlor	0.16	U		0.043	0.16	1.00000	ug/L	140531		01/22/05 0130	kdL
	Aldrin	0.10	U		0.029	0.10	1.00000	ug/L	140531		01/22/05 0130	kdL
	Heptachlor epoxide	0.16	U		0.038	0.16	1.00000	ug/L	140531		01/22/05 0130	kdL
	Endosulfan I	0.10	U		0.022	0.10	1.00000	ug/L	140531		01/22/05 0130	kdL
	Dieldrin	0.10	U		0.019	0.10	1.00000	ug/L	140531		01/22/05 0130	kdL
	4,4'-DDE	0.10	U		0.024	0.10	1.00000	ug/L	140531		01/22/05 0130	kdL
	Endrin	0.10	U		0.018	0.10	1.00000	ug/L	140531		01/22/05 0130	kdL
	Endosulfan II	0.16	U		0.044	0.16	1.00000	ug/L	140531		01/22/05 0130	kdL
	4,4'-DDD	0.11	U		0.038	0.11	1.00000	ug/L	140531		01/22/05 0130	kdL
	Endosulfan sulfate	0.16	U		0.046	0.16	1.00000	ug/L	140531		01/22/05 0130	kdL
	4,4'-DDT	0.16	U		0.051	0.16	1.00000	ug/L	140531		01/22/05 0130	kdL
	Methoxychlor	0.63	U		0.18	0.63	1.00000	ug/L	140531		01/22/05 0130	kdL
	alpha-Chlordane	0.052	U		0.017	0.052	1.00000	ug/L	140531		01/22/05 0130	kdL
	gamma-Chlordane	0.10	U		0.018	0.10	1.00000	ug/L	140531		01/22/05 0130	kdL
	Endrin aldehyde	0.16	U		0.036	0.16	1.00000	ug/L	140531		01/22/05 0130	kdL
	Endrin ketone	0.10	U		0.030	0.10	1.00000	ug/L	140531		01/22/05 0130	kdL
	Toxaphene	0.52	U		0.15	0.52	1.00000	ug/L	140531		01/22/05 0130	kdL

* In Description = Dry Wgt.

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Job Number: 233541		LABORATORY TEST RESULTS						Date:01/28/2005				
CUSTOMER: MGM Engineers, Inc.			PROJECT: USAGE RYAAP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: L10mw-003-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 11:45 Sample Matrix.....: Water			Laboratory Sample ID: 233541-2 Date Received.....: 01/18/2005 Time Received.....: 09:40									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.63	U		0.19	0.63	1.00000	ug/L	140564		01/20/05 1320	bjt
	Aroclor 1221	1.4	U		0.44	1.4	1.00000	ug/L	140564		01/20/05 1320	bjt
	Aroclor 1232	1.4	U		0.36	1.4	1.00000	ug/L	140564		01/20/05 1320	bjt
	Aroclor 1242	1.4	U		0.45	1.4	1.00000	ug/L	140564		01/20/05 1320	bjt
	Aroclor 1248	1.6	U		0.50	1.6	1.00000	ug/L	140564		01/20/05 1320	bjt
	Aroclor 1254	1.4	U		0.36	1.4	1.00000	ug/L	140564		01/20/05 1320	bjt
	Aroclor 1260	0.63	U		0.18	0.63	1.00000	ug/L	140564		01/20/05 1320	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233541

Date: 02/01/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AQCS

ATTN: Eric Ellis

Customer Sample ID: L10mw-003-GW
 Date Sampled.....: 01/17/2005
 Time Sampled.....: 11:45
 Sample Matrix.....: Water

Laboratory Sample ID: 233541-2
 Date Received.....: 01/18/2005
 Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Acetone	10	U		1.8	10	1.00000	ug/L	140790		01/31/05 1449	jmp
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140790		01/31/05 1449	jmp
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140790		01/31/05 1449	jmp
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Carbon tetrachloride	1.6	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140790		01/31/05 1449	jmp
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140790		01/31/05 1449	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233541

Date: 02/01/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: L1Dmw-003-GW
 Date Sampled.....: 01/17/2005
 Time Sampled.....: 11:45
 Sample Matrix.....: Water

Laboratory Sample ID: 233541-2
 Date Received.....: 01/18/2005
 Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140790		01/31/05 1449	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233541								Date: 01/21/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: L10mw-003-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 11:45 Sample Matrix.....: Water						Laboratory Sample ID: 233541-2 Date Received.....: 01/18/2005 Time Received.....: 09:40						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	5.2	U		0.36	5.2	1.00000	ug/L	139969		01/20/05 1415	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.1	U		0.31	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	1,3-Dichlorobenzene, Low Level Water	2.1	U		0.45	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	1,4-Dichlorobenzene, Low Level Water	2.1	U		0.34	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	1,2-Dichlorobenzene, Low Level Water	2.1	U		0.36	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	Benzyl alcohol, Low Level Water	21	U		2.3	21	1.00000	ug/L	139969		01/20/05 1415	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.1	U		0.29	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.52	U		0.084	0.52	1.00000	ug/L	139969		01/20/05 1415	dpk
	Hexachloroethane, Low Level Water	5.2	U		0.64	5.2	1.00000	ug/L	139969		01/20/05 1415	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.1	U		0.10	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	2-Chlorophenol, Low Level Water	5.2	U		0.13	5.2	1.00000	ug/L	139969		01/20/05 1415	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.17	1.0	1.00000	ug/L	139969		01/20/05 1415	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.1	U		0.32	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.1	U		0.35	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	Benzoic acid, Low Level Water	21	U		3.1	21	1.00000	ug/L	139969		01/20/05 1415	dpk
	Isophorone, Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	139969		01/20/05 1415	dpk
	Hexachlorobutadiene, Low Level Water	5.2	U		0.67	5.2	1.00000	ug/L	139969		01/20/05 1415	dpk
	Naphthalene, Low Level Water	1.0	U		0.17	1.0	1.00000	ug/L	139969		01/20/05 1415	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.95	10	1.00000	ug/L	139969		01/20/05 1415	dpk
	4-Chloroaniline, Low Level Water	10	U		2.9	10	1.00000	ug/L	139969		01/20/05 1415	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.2	U		0.22	5.2	1.00000	ug/L	139969		01/20/05 1415	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.5	10	1.00000	ug/L	139969		01/20/05 1415	dpk
	Hexachlorocyclopentadiene, Low Level Water	21	U		0.68	21	1.00000	ug/L	139969		01/20/05 1415	dpk
	2-Methylnaphthalene, Low Level Water	0.52	U		0.14	0.52	1.00000	ug/L	139969		01/20/05 1415	dpk
	2-Nitroaniline, Low Level Water	5.2	U		0.23	5.2	1.00000	ug/L	139969		01/20/05 1415	dpk
	2-Chloronaphthalene, Low Level Water	2.1	U	*	0.27	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233541

Date: 01/21/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: L10M-003-GW
 Date Sampled.....: 01/17/2005
 Time Sampled.....: 11:45
 Sample Matrix.....: Water

Laboratory Sample ID: 233541-2
 Date Received.....: 01/18/2005
 Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U		2.5	10	1.00000	ug/L	139969		01/20/05 1415	dpk
	2,6-Dinitrotoluene, Low Level Water	0.52	U		0.11	0.52	1.00000	ug/L	139969		01/20/05 1415	dpk
	2-Nitrophenol, Low Level Water	10	U		0.85	10	1.00000	ug/L	139969		01/20/05 1415	dpk
	3-Nitroaniline, Low Level Water	10	U		2.2	10	1.00000	ug/L	139969		01/20/05 1415	dpk
	Dimethyl phthalate, Low Level Water	2.1	U		0.22	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	2,4-Dinitrophenol, Low Level Water	21	U		3.4	21	1.00000	ug/L	139969		01/20/05 1415	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139969		01/20/05 1415	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139969		01/20/05 1415	dpk
	Acenaphthene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139969		01/20/05 1415	dpk
	Dibenzofuran, Low Level Water	2.1	U		0.14	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	4-Nitrophenol, Low Level Water	21	U		3.9	21	1.00000	ug/L	139969		01/20/05 1415	dpk
	Fluorene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139969		01/20/05 1415	dpk
	4-Nitroaniline, Low Level Water	10	U		2.4	10	1.00000	ug/L	139969		01/20/05 1415	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.2	U		0.20	5.2	1.00000	ug/L	139969		01/20/05 1415	dpk
	Hexachlorobenzene, Low Level Water	0.52	U		0.10	0.52	1.00000	ug/L	139969		01/20/05 1415	dpk
	Diethyl phthalate, Low Level Water	2.1	U		0.16	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.2	U		0.78	5.2	1.00000	ug/L	139969		01/20/05 1415	dpk
	Pentachlorophenol, Low Level Water	10	U		1.8	10	1.00000	ug/L	139969		01/20/05 1415	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139969		01/20/05 1415	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	21	U		2.5	21	1.00000	ug/L	139969		01/20/05 1415	dpk
	Phenanthrene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	139969		01/20/05 1415	dpk
	Anthracene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	139969		01/20/05 1415	dpk
	Carbazole, Low Level Water	5.2	U		0.30	5.2	1.00000	ug/L	139969		01/20/05 1415	dpk
	Di-n-butyl phthalate, Low Level Water	5.2	U		0.38	5.2	1.00000	ug/L	139969		01/20/05 1415	dpk
	Fluoranthene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	139969		01/20/05 1415	dpk
	Pyrene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139969		01/20/05 1415	dpk
	Butyl benzyl phthalate, Low Level Water	2.1	U		0.41	2.1	1.00000	ug/L	139969		01/20/05 1415	dpk
	Benzo(a)anthracene, Low Level Water	0.21	U		0.051	0.21	1.00000	ug/L	139969		01/20/05 1415	dpk
	Chrysene, Low Level Water	0.52	U		0.047	0.52	1.00000	ug/L	139969		01/20/05 1415	dpk

* In Description = Dry Wgt.

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Job Number: 233541		LABORATORY TEST RESULTS					Date: 01/21/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AGCS			ATTN: Eric Ellits						
Customer Sample ID: L10mw-003-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 11:45 Sample Matrix.....: Water			Laboratory Sample ID: 233541-2 Date Received.....: 01/18/2005 Time Received.....: 09:40									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.2	U		0.75	5.2	1.00000	ug/L	139969		01/20/05 14:15	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	16	U		4.1	16	1.00000	ug/L	139969		01/20/05 14:15	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	139969		01/20/05 14:15	dpk
	Benzo(b)fluoranthene, Low Level Water	0.42	U		0.070	0.42	1.00000	ug/L	139969		01/20/05 14:15	dpk
	Benzo(k)fluoranthene, Low Level Water	0.42	U		0.075	0.42	1.00000	ug/L	139969		01/20/05 14:15	dpk
	Benzo(a)pyrene, Low Level Water	0.42	U		0.088	0.42	1.00000	ug/L	139969		01/20/05 14:15	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.42	U		0.090	0.42	1.00000	ug/L	139969		01/20/05 14:15	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.42	U		0.14	0.42	1.00000	ug/L	139969		01/20/05 14:15	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.20	1.0	1.00000	ug/L	139969		01/20/05 14:15	dpk

* In Description = Dry Wgt.

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Job Number: 233541		LABORATORY TEST RESULTS						Date: 01/27/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: L10mw-003-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 11:45 Sample Matrix.....: Water			Laboratory Sample ID: 233541-2 Date Received.....: 01/18/2005 Time Received.....: 09:40									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.50	U		0.11	0.50	1.00000	ug/L	140419		01/20/05 0457	san
	RDX	0.32	U		0.10	0.32	1.00000	ug/L	140419		01/20/05 0457	san
	1,3,5-Trinitrobenzene	0.32	U		0.093	0.32	1.00000	ug/L	140419		01/20/05 0457	san
	1,3-Dinitrobenzene	0.32	U		0.088	0.32	1.00000	ug/L	140419		01/20/05 0457	san
	Nitrobenzene	0.26	U		0.070	0.26	1.00000	ug/L	140419		01/20/05 0457	san
	2,4,6-TNT	0.40	U		0.12	0.40	1.00000	ug/L	140419		01/20/05 0457	san
	Tetryl	1.2	U		0.26	1.2	1.00000	ug/L	140419		01/20/05 0457	san
	2,4-Dinitrotoluene	0.58	U		0.20	0.58	1.00000	ug/L	140419		01/20/05 0457	san
	2,6-Dinitrotoluene	0.69	U		0.23	0.69	1.00000	ug/L	140419		01/20/05 0457	san
	2-Amino-4,6-Dinitrotoluene	0.58	U		0.19	0.58	1.00000	ug/L	140419		01/20/05 0457	san
	4-Amino-2,6-Dinitrotoluene	0.53	U		0.18	0.53	1.00000	ug/L	140419		01/20/05 0457	san
	2-Nitrotoluene	0.50	U		0.15	0.50	1.00000	ug/L	140419		01/20/05 0457	san
	4-Nitrotoluene	0.50	U		0.16	0.50	1.00000	ug/L	140419		01/20/05 0457	san
3-Nitrotoluene	0.50	U		0.16	0.50	1.00000	ug/L	140419		01/20/05 0457	san	
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.6	U	a	0.24	1.6	1.00000	ug/L	140421		01/26/05 1047	san	

* In Description = Dry Wgt.

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STL CHICAGO

Client Sample ID: L10mw-003-GW

Trace Level Organic Compounds

Lot-Sample #....: G5A180271-001 Work Order #....: G2R1L1AC Matrix.....: WATER
Date Sampled....: 01/17/05 11:45 Date Received...: 01/18/05
Prep Date.....: 01/21/05 Analysis Date...: 01/25/05
Prep Batch #....: 5021357
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: L10mw-003-GW

General Chemistry

Lot-Sample #...: G5A180271-001

Work Order #...: G2R1L

Matrix.....: WATER

Date Sampled...: 01/17/05

Date Received...: 01/18/05

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	0.13 B,J	0.50	mg/L	MCAWW 353.2	01/26-01/28/05	5027495
		MDL.....: 0.12				

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

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Job Number: 233541		LABORATORY TEST RESULTS					Date: 02/01/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: L10mw-003-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 11:45 Sample Matrix.....: Water			Laboratory Sample ID: 233541-2 Date Received.....: 01/18/2005 Time Received.....: 09:40									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	U	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
9014/9010B	Cyanide (Colorimetric) Cyanide, Total	0.010	U		0.0044	0.010	1	mg/L	139873		01/20/05 1221	mtb

* In Description = Dry Wgt.

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Job Number: 233624		LABORATORY TEST RESULTS						Date:02/02/2005				
CUSTOMER: HGM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: L10mw-004-GW			Laboratory Sample ID: 233624-1									
Date Sampled.....: 01/19/2005			Date Received.....: 01/20/2005									
Time Sampled.....: 11:15			Time Received.....: 10:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	U	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	140534		01/27/05 1649	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	140662		01/28/05 1051	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	140683		01/28/05 1732	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	140464		01/26/05 2208	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	140548		01/27/05 1617	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	140536		01/28/05 0106	tds
	Barium	5.3	B		1.3	10	1	ug/L	140536		01/28/05 0106	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	140536		01/28/05 0106	tds
	Cadmium	0.41	B		0.25	2.0	1	ug/L	140536		01/28/05 0106	tds
	Calcium	64000	U		9.5	100	1	ug/L	140536		01/28/05 0106	tds
	Chromium	10	U		1.1	10	1	ug/L	140536		01/28/05 0106	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	140536		01/28/05 0106	tds
	Copper	10	U		2.2	10	1	ug/L	140536		01/28/05 0106	tds
	Iron	120	U		38	120	1	ug/L	140536		01/28/05 0106	tds
	Magnesium	19000	U		8.1	100	1	ug/L	140536		01/28/05 0106	tds
	Manganese	9.7	B		0.41	10	1	ug/L	140536		01/28/05 0106	tds
	Nickel	1.6	B		1.0	10	1	ug/L	140536		01/28/05 0106	tds
	Potassium	890	U		66	500	1	ug/L	140536		01/28/05 0106	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624 Date: 02/02/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOES ATTN: Eric Ellis

Customer Sample ID: L10mw-004-GW Laboratory Sample ID: 233624-1
 Date Sampled.....: 01/19/2005 Date Received.....: 01/20/2005
 Time Sampled.....: 11:15 Time Received.....: 10:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q-FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U	3.0	15	1	ug/L	140536		01/28/05 0106	tds
	Silver	10	U	0.72	10	1	ug/L	140536		01/28/05 0106	tds
	Sodium	4700		490	1500	1	ug/L	140642		01/28/05 1851	tds
	Vanadium	10	U	1.0	10	1	ug/L	140536		01/28/05 0106	tds
	Zinc	2.3	B	1.6	30	1	ug/L	140536		01/28/05 0106	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233624				Date: 01/27/2005								
CUSTOMER: HKM Engineers, Inc.				PROJECT: USAGE RYMAP 14 AODS				ATTN: Eric ELLIS				
Customer Sample ID: L10mw-004-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 11:15 Sample Matrix.....: Water						Laboratory Sample ID: 233624-1 Date Received.....: 01/20/2005 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO) Diesel Range Organics (DRO)	0.061	J	a	0.028	0.12	1.00000	mg/L	140198		01/21/05 2128	pjs

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233624				Date: 01/29/2005								
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RYAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: L10mw-004-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 11:15 Sample Matrix.....: Water						Laboratory Sample ID: 233624-1 Date Received.....: 01/20/2005 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MGRO	TPH - Gasoline Range Organics (GRO) Gasoline Range Organics (GRO)	50		U	16	50	1.00000	ug/L	140592		01/28/05 1246	wre

* In Description = Dry Wgt.

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Job Number: 233624		LABORATORY TEST RESULTS						Date: 02/03/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RWAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: L10m-004-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 11:15 Sample Matrix.....: Water			Laboratory Sample ID: 233624-1 Date Received.....: 01/20/2005 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15		U	0.046	0.15	1.00000	ug/L	141101		01/28/05 0744	kdl
	beta-BHC	0.097		U	0.027	0.097	1.00000	ug/L	141101		01/28/05 0744	kdl
	delta-BHC	0.097		U	0.024	0.097	1.00000	ug/L	141101		01/28/05 0744	kdl
	gamma-BHC (Lindane)	0.15		U	0.041	0.15	1.00000	ug/L	141101		01/28/05 0744	kdl
	Heptachlor	0.15		U	0.040	0.15	1.00000	ug/L	141101		01/28/05 0744	kdl
	Aldrin	0.097		U	0.027	0.097	1.00000	ug/L	141101		01/28/05 0744	kdl
	Heptachlor epoxide	0.15		U	0.035	0.15	1.00000	ug/L	141101		01/28/05 0744	kdl
	Endosulfan I	0.097		U	0.020	0.097	1.00000	ug/L	141101		01/28/05 0744	kdl
	Dieldrin	0.097		U	0.017	0.097	1.00000	ug/L	141101		01/28/05 0744	kdl
	4,4'-DDE	0.097		U	0.022	0.097	1.00000	ug/L	141101		01/28/05 0744	kdl
	Endrin	0.097		U	0.017	0.097	1.00000	ug/L	141101		01/28/05 0744	kdl
	Endosulfan II	0.15		U	0.041	0.15	1.00000	ug/L	141101		01/28/05 0744	kdl
	4,4'-DDD	0.11		U	0.035	0.11	1.00000	ug/L	141101		01/28/05 0744	kdl
	Endosulfan sulfate	0.15		U	0.043	0.15	1.00000	ug/L	141101		01/28/05 0744	kdl
	4,4'-DDT	0.15		U	0.048	0.15	1.00000	ug/L	141101		01/28/05 0744	kdl
	Methoxychlor	0.58		U	0.17	0.58	1.00000	ug/L	141101		01/28/05 0744	kdl
	alpha-Chlordane	0.049		U	0.016	0.049	1.00000	ug/L	141101		01/28/05 0744	kdl
	gamma-Chlordane	0.097		U	0.017	0.097	1.00000	ug/L	141101		01/28/05 0744	kdl
	Endrin aldehyde	0.15		U	0.034	0.15	1.00000	ug/L	141101		01/28/05 0744	kdl
	Endrin ketone	0.097		U	0.028	0.097	1.00000	ug/L	141101		01/28/05 0744	kdl
	Toxaphene	0.49		U	0.14	0.49	1.00000	ug/L	141101		01/28/05 0744	kdl

* In Description = Dry Wgt.

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Job Number: 233624		LABORATORY TEST RESULTS						Date: 02/01/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAMP T4 AOC5				ATTN: Eric Ellis					
Customer Sample ID: L10mw-004-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 11:15 Sample Matrix.....: Water			Laboratory Sample ID: 233624-1 Date Received.....: 01/20/2005 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.58		U	0.17	0.58	1.00000	ug/L	140817		01/27/05 1523	bjt
	Aroclor 1221	1.3		U	0.41	1.3	1.00000	ug/L	140817		01/27/05 1523	bjt
	Aroclor 1232	1.3		U	0.34	1.3	1.00000	ug/L	140817		01/27/05 1523	bjt
	Aroclor 1242	1.3		U	0.42	1.3	1.00000	ug/L	140817		01/27/05 1523	bjt
	Aroclor 1248	1.5		U	0.47	1.5	1.00000	ug/L	140817		01/27/05 1523	bjt
	Aroclor 1254	1.3		U	0.34	1.3	1.00000	ug/L	140817		01/27/05 1523	bjt
	Aroclor 1260	0.58		U	0.17	0.58	1.00000	ug/L	140817		01/27/05 1523	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624

Date: 02/03/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ABCS

ATTN: Eric Ellis

Customer Sample ID: L10mw-004-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 11:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-1
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Acetone	10	U		1.8	10	1.00000	ug/L	140790		01/31/05 1729	jmp
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140790		01/31/05 1729	jmp
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140790		01/31/05 1729	jmp
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140790		01/31/05 1729	jmp
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140790		01/31/05 1729	jmp

* In Description = Dry Wgt.

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Job Number: 233624 LABORATORY TEST RESULTS Date: 02/03/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: L10MW-004-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 11:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-1
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	1,2-Dichloroethane (total)	1.0	U		0.23	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140790		01/31/05 1729	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624 Date: 02/01/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USAGE RVAAP 14 AOCs ATTN: Eric ELLIS

Customer Sample ID: L10mw-004-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 11:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-1
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q-FLAGS	MDL	RC	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics										
	Phenol, Low Level Water	5.1	U	0.36	5.1	1.00000	ug/L	140773		01/26/05 1533	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U	0.31	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U	0.44	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U	0.34	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U	0.36	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	Benzyl alcohol, Low Level Water	20	U	2.2	20	1.00000	ug/L	140773		01/26/05 1533	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U	0.27	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U	0.29	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.51	U	0.083	0.51	1.00000	ug/L	140773		01/26/05 1533	dpk
	Hexachloroethane, Low Level Water	5.1	U	0.62	5.1	1.00000	ug/L	140773		01/26/05 1533	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U	0.10	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	2-Chlorophenol, Low Level Water	5.1	U	0.12	5.1	1.00000	ug/L	140773		01/26/05 1533	dpk
	Nitrobenzene, Low Level Water	1.0	U	0.16	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U	0.32	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U	0.35	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	Benzoic acid, Low Level Water	20	U	3.1	20	1.00000	ug/L	140773		01/26/05 1533	dpk
	Isophorone, Low Level Water	2.0	U	0.27	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	2,4-Dimethylphenol, Low Level Water	10	U	1.3	10	1.00000	ug/L	140773		01/26/05 1533	dpk
	Hexachlorobutadiene, Low Level Water	5.1	U	0.65	5.1	1.00000	ug/L	140773		01/26/05 1533	dpk
	Naphthalene, Low Level Water	1.0	U	0.16	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	2,4-Dichlorophenol, Low Level Water	10	U	0.93	10	1.00000	ug/L	140773		01/26/05 1533	dpk
	4-Chloroaniline, Low Level Water	10	U	2.9	10	1.00000	ug/L	140773		01/26/05 1533	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.1	U	0.21	5.1	1.00000	ug/L	140773		01/26/05 1533	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U	1.4	10	1.00000	ug/L	140773		01/26/05 1533	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	0.66	20	1.00000	ug/L	140773		01/26/05 1533	dpk
	2-Methylnaphthalene, Low Level Water	0.51	U	0.13	0.51	1.00000	ug/L	140773		01/26/05 1533	dpk
	2-Nitroaniline, Low Level Water	5.1	U	0.22	5.1	1.00000	ug/L	140773		01/26/05 1533	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U	0.27	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233624							Date: 02/01/2005					
CUSTOMER: MKM Engineers, Inc.					PROJECT: USACE RVAAP 14 AGCS			ATTN: Eric Ellis				
Customer Sample ID: L10mw-004-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 11:15 Sample Matrix.....: Water					Laboratory Sample ID: 233624-1 Date Received.....: 01/20/2005 Time Received.....: 10:00							
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U		2.4	10	1.00000	ug/L	140773		01/26/05 1533	dpk
	2,6-Dinitrotoluene, Low Level Water	0.51	U		0.11	0.51	1.00000	ug/L	140773		01/26/05 1533	dpk
	2-Nitrophenol, Low Level Water	10	U		0.84	10	1.00000	ug/L	140773		01/26/05 1533	dpk
	3-Nitroaniline, Low Level Water	10	U		2.1	10	1.00000	ug/L	140773		01/26/05 1533	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.4	20	1.00000	ug/L	140773		01/26/05 1533	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	4-Nitrophenol, Low Level Water	20	U		3.8	20	1.00000	ug/L	140773		01/26/05 1533	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	4-Nitroaniline, Low Level Water	10	U		2.3	10	1.00000	ug/L	140773		01/26/05 1533	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.1	U		0.19	5.1	1.00000	ug/L	140773		01/26/05 1533	dpk
	Hexachlorobenzene, Low Level Water	0.51	U		0.099	0.51	1.00000	ug/L	140773		01/26/05 1533	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.1	U		0.77	5.1	1.00000	ug/L	140773		01/26/05 1533	dpk
	Pentachlorophenol, Low Level Water	10	U		1.7	10	1.00000	ug/L	140773		01/26/05 1533	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	140773		01/26/05 1533	dpk
	Phenanthrene, Low Level Water	0.18	J		0.14	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	Carbazole, Low Level Water	5.1	U		0.30	5.1	1.00000	ug/L	140773		01/26/05 1533	dpk
	Di-n-butyl phthalate, Low Level Water	5.1	U		0.37	5.1	1.00000	ug/L	140773		01/26/05 1533	dpk
	Fluoranthene, Low Level Water	0.23	J		0.14	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	Pyrene, Low Level Water	0.16	J		0.12	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.40	2.0	1.00000	ug/L	140773		01/26/05 1533	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.050	0.20	1.00000	ug/L	140773		01/26/05 1533	dpk
	Chrysene, Low Level Water	0.51	U		0.046	0.51	1.00000	ug/L	140773		01/26/05 1533	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											Date: 02/01/2005	
Job Number: 233624				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: L10mw-004-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 11:15 Sample Matrix.....: Water						Laboratory Sample ID: 233624-1 Date Received.....: 01/20/2005 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.1	U		0.73	5.1	1.00000	ug/L	140773		01/26/05 1533	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		4.0	15	1.00000	ug/L	140773		01/26/05 1533	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	140773		01/26/05 1533	dpk
	Benzo(b)fluoranthene, Low Level Water	0.41	U		0.068	0.41	1.00000	ug/L	140773		01/26/05 1533	dpk
	Benzo(k)fluoranthene, Low Level Water	0.41	U		0.073	0.41	1.00000	ug/L	140773		01/26/05 1533	dpk
	Benzo(a)pyrene, Low Level Water	0.41	U		0.086	0.41	1.00000	ug/L	140773		01/26/05 1533	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.41	U		0.088	0.41	1.00000	ug/L	140773		01/26/05 1533	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.41	U		0.13	0.41	1.00000	ug/L	140773		01/26/05 1533	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.19	1.0	1.00000	ug/L	140773		01/26/05 1533	dpk

* In Description = Dry Wgt.

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Job Number: 233624 LABORATORY TEST RESULTS Date: 01/31/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RYAAP 14 AOCs ATTN: Eric Ellys

Customer Sample ID: L10mw-004-GW Laboratory Sample ID: 233624-1
 Date Sampled.....: 01/19/2005 Date Received.....: 01/20/2005
 Time Sampled.....: 11:15 Time Received.....: 10:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)										
	HMX	0.53	U	0.12	0.53	1.00000	ug/L	140653		01/26/05 0448	san
	RDX	0.34	U	0.11	0.34	1.00000	ug/L	140653		01/26/05 0448	san
	1,3,5-Trinitrobenzene	0.34	U	0.10	0.34	1.00000	ug/L	140653		01/26/05 0448	san
	1,3-Dinitrobenzene	0.34	U	0.094	0.34	1.00000	ug/L	140653		01/26/05 0448	san
	Nitrobenzene	0.27	U	0.076	0.27	1.00000	ug/L	140653		01/26/05 0448	san
	2,4,6-TNT	0.43	U	0.13	0.43	1.00000	ug/L	140653		01/26/05 0448	san
	Tetryl	1.3	U	0.28	1.3	1.00000	ug/L	140653		01/26/05 0448	san
	2,4-Dinitrotoluene	0.62	U	0.21	0.62	1.00000	ug/L	140653		01/26/05 0448	san
	2,6-Dinitrotoluene	0.74	U	0.25	0.74	1.00000	ug/L	140653		01/26/05 0448	san
	2-Amino-4,6-Dinitrotoluene	0.62	U	0.20	0.62	1.00000	ug/L	140653		01/26/05 0448	san
	4-Amino-2,6-Dinitrotoluene	0.57	U	0.19	0.57	1.00000	ug/L	140653		01/26/05 0448	san
	2-Nitrotoluene	0.53	U	0.16	0.53	1.00000	ug/L	140653		01/26/05 0448	san
	4-Nitrotoluene	0.53	U	0.17	0.53	1.00000	ug/L	140653		01/26/05 0448	san
	3-Nitrotoluene	0.53	U	0.17	0.53	1.00000	ug/L	140653		01/26/05 0448	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											
Job Number: 233624				Date: 02/03/2005							
CUSTOMER: MKH Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis			
Customer Sample ID: L10mw-004-GW					Laboratory Sample ID: 233624-1						
Date Sampled.....: 01/19/2005					Date Received.....: 01/20/2005						
Time Sampled.....: 11:15					Time Received.....: 10:00						
Sample Matrix.....: Water											
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
9014/9010B	Cyanide (Colorimetric) Cyanide, Total	0.010	U	0.0044	0.010	1	mg/L	140103		01/24/05 1224	mtb

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624 Date: 02/02/2005

CUSTOMER: HKM Engineers, Inc. PROJECT: USACE RVAAP IN AOCs ATTN: ERIC ELLIS

Customer Sample ID: L10mw-005-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-2
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	REL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	140534		01/27/05 1702	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	140662		01/28/05 1156	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	140683		01/28/05 1755	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	140664		01/26/05 2221	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	140548		01/27/05 1619	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	25	B		24	150	1	ug/L	140536		01/28/05 0112	tds
	Barium	7.0	B		1.3	10	1	ug/L	140536		01/28/05 0112	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	140536		01/28/05 0112	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	140536		01/28/05 0112	tds
	Calcium	62000	U		9.5	100	1	ug/L	140536		01/28/05 0112	tds
	Chromium	10	U		1.1	10	1	ug/L	140536		01/28/05 0112	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	140536		01/28/05 0112	tds
	Copper	2.8	B		2.2	10	1	ug/L	140536		01/28/05 0112	tds
	Iron	120	U		38	120	1	ug/L	140536		01/28/05 0112	tds
	Magnesium	14000	U		8.1	100	1	ug/L	140536		01/28/05 0112	tds
	Manganese	49	U		0.41	10	1	ug/L	140536		01/28/05 0112	tds
	Nickel	2.0	B		1.0	10	1	ug/L	140536		01/28/05 0112	tds
	Potassium	940	U		66	500	1	ug/L	140536		01/28/05 0112	tds

* In Description = Dry Wgt.

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Job Number: 233624

LABORATORY TEST RESULTS

Date: 02/02/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE BVAAP T4 A005

ATTN: Eric Ellis

Customer Sample ID: L10mw-005-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-2
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	140536		01/28/05 0112	tds
	Silver	10	U		0.72	10	1	ug/L	140536		01/28/05 0112	tds
	Sodium	3300			490	1500	1	ug/L	140642		01/28/05 1857	tds
	Vanadium	10	U		1.0	10	1	ug/L	140536		01/28/05 0112	tds
	Zinc	10	B		1.6	30	1	ug/L	140536		01/28/05 0112	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233624						Date: 01/27/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Elms				
Customer Sample ID: L10mw-005-GW						Laboratory Sample ID: 233624-2						
Date Sampled: 01/19/2005						Date Received: 01/20/2005						
Time Sampled: 09:30						Time Received: 10:00						
Sample Matrix: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDE	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO) Diesel Range Organics (DRO)	0.12		U	0.028	0.12	1.00000	mg/L	140198		01/21/05 2204	pjs

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624 Date: 01/29/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: L10mw-005-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-2
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MGRO	TPH - Gasoline Range Organics (GRO) Gasoline Range Organics (GRO)	50		U	16	50	1.00000	ug/L	140592		01/28/05 1324	wre

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624

Date: 02/03/2005

CUSTOMER: MCM Engineers, Inc.

PROJECT: USACE RMAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: L10mw-005-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-2
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis										
	alpha-BHC	0.15	U	0.048	0.15	1.00000	ug/L	141101		01/28/05 0809	kdl
	beta-BHC	0.10	U	0.029	0.10	1.00000	ug/L	141101		01/28/05 0809	kdl
	delta-BHC	0.10	U	0.026	0.10	1.00000	ug/L	141101		01/28/05 0809	kdl
	gamma-BHC (Lindane)	0.15	U	0.043	0.15	1.00000	ug/L	141101		01/28/05 0809	kdl
	Heptachlor	0.15	U	0.042	0.15	1.00000	ug/L	141101		01/28/05 0809	kdl
	Aldrin	0.10	U	0.029	0.10	1.00000	ug/L	141101		01/28/05 0809	kdl
	Heptachlor epoxide	0.15	U	0.037	0.15	1.00000	ug/L	141101		01/28/05 0809	kdl
	Endosulfan I	0.10	U	0.021	0.10	1.00000	ug/L	141101		01/28/05 0809	kdl
	Dieldrin	0.10	U	0.018	0.10	1.00000	ug/L	141101		01/28/05 0809	kdl
	4,4'-DDE	0.10	U	0.023	0.10	1.00000	ug/L	141101		01/28/05 0809	kdl
	Endrin	0.10	U	0.017	0.10	1.00000	ug/L	141101		01/28/05 0809	kdl
	Endosulfan II	0.15	U	0.043	0.15	1.00000	ug/L	141101		01/28/05 0809	kdl
	4,4'-DDD	0.11	U	0.037	0.11	1.00000	ug/L	141101		01/28/05 0809	kdl
	Endosulfan sulfate	0.15	U	0.045	0.15	1.00000	ug/L	141101		01/28/05 0809	kdl
	4,4'-DDT	0.15	U	0.050	0.15	1.00000	ug/L	141101		01/28/05 0809	kdl
	Methoxychlor	0.61	U	0.17	0.61	1.00000	ug/L	141101		01/28/05 0809	kdl
	alpha-Chlordane	0.051	U	0.016	0.051	1.00000	ug/L	141101		01/28/05 0809	kdl
	gamma-Chlordane	0.10	U	0.017	0.10	1.00000	ug/L	141101		01/28/05 0809	kdl
	Endrin aldehyde	0.15	U	0.036	0.15	1.00000	ug/L	141101		01/28/05 0809	kdl
Endrin ketone	0.10	U	0.030	0.10	1.00000	ug/L	141101		01/28/05 0809	kdl	
Toxaphene	0.51	U	0.14	0.51	1.00000	ug/L	141101		01/28/05 0809	kdl	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233624								Date: 02/01/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis				
Customer Sample ID: L10mw-005-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water						Laboratory Sample ID: 233624-2 Date Received.....: 01/20/2005 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.61		U	0.18	0.61	1.00000	ug/L	140817		01/27/05 1548	bjt
	Aroclor 1221	1.3		U	0.43	1.3	1.00000	ug/L	140817		01/27/05 1548	bjt
	Aroclor 1232	1.3		U	0.36	1.3	1.00000	ug/L	140817		01/27/05 1548	bjt
	Aroclor 1242	1.3		U	0.44	1.3	1.00000	ug/L	140817		01/27/05 1548	bjt
	Aroclor 1248	1.5		U	0.49	1.5	1.00000	ug/L	140817		01/27/05 1548	bjt
	Aroclor 1254	1.3		U	0.36	1.3	1.00000	ug/L	140817		01/27/05 1548	bjt
	Aroclor 1260	0.61		U	0.17	0.61	1.00000	ug/L	140817		01/27/05 1548	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624 Date: 02/03/2005

CUSTOMER: MKM Engineers, Inc. ATTN: Eric Ellis

PROJECT: USAGE: RVAAP 14 AOCs

Customer Sample ID: L10mw-005-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-2
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0		U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Vinyl chloride	1.0		U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Bromomethane	1.0		U	0.10	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Chloroethane	1.0		U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	1,1-Dichloroethene	1.0		U	0.12	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Carbon disulfide	5.0		U	0.20	5.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Acetone	10		U	1.8	10	1.00000	ug/L	140790		01/31/05 1751	jmp
	Methylene chloride	1.5		U	0.35	1.5	1.00000	ug/L	140790		01/31/05 1751	jmp
	trans-1,2-Dichloroethene	1.0		U	0.14	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	1,1-Dichloroethane	1.0		U	0.11	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	cis-1,2-Dichloroethene	1.0		U	0.090	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	2-Butanone (MEK)	10		U	1.2	10	1.00000	ug/L	140790		01/31/05 1751	jmp
	Bromochloromethane	1.0		U	0.10	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Chloroform	1.0		U	0.11	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	1,1,1-Trichloroethane	1.0		U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Carbon tetrachloride	1.0		U	0.13	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Benzene	1.0		U	0.090	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	1,2-Dichloroethane	1.0		U	0.090	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Trichloroethene	1.0		U	0.10	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	1,2-Dichloropropane	1.0		U	0.12	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Bromodichloromethane	1.0		U	0.11	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	cis-1,3-Dichloropropene	1.0		U	0.12	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	4-Methyl-2-pentanone (MIBK)	10		U	0.65	10	1.00000	ug/L	140790		01/31/05 1751	jmp
	Toluene	1.0		U	0.10	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	trans-1,3-Dichloropropene	1.0		U	0.15	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	1,1,2-Trichloroethane	1.0		U	0.15	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Tetrachloroethene	1.0		U	0.090	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	2-Hexanone	10		U	0.53	10	1.00000	ug/L	140790		01/31/05 1751	jmp

* In Description = Dry Wgt.

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Job Number: 233624		LABORATORY TEST RESULTS						Date:02/03/2005			
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: L10mw-005-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 233624-2 Date Received.....: 01/20/2005 Time Received.....: 10:00								
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U	0.060	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	1,2-Dibromoethane (EDB)	1.0	U	0.13	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Chlorobenzene	1.0	U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Ethylbenzene	1.0	U	0.070	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	m&p-Xylenes	2.0	U	0.18	2.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	o-Xylene	1.0	U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Styrene	1.0	U	0.13	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Bromoform	1.0	U	0.11	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	1,2-Dichloroethene (total)	1.0	U	0.23	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp
	Xylenes (total)	1.0	U	0.28	1.0	1.00000	ug/L	140790		01/31/05 1751	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624

Date: 02/01/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: L10MW-005-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-2
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.9	U		0.34	4.9	1.00000	ug/L	140773		01/26/05 1315	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.42	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	140773		01/26/05 1315	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	140773		01/26/05 1315	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.60	4.9	1.00000	ug/L	140773		01/26/05 1315	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.098	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	140773		01/26/05 1315	dpk
	Nitrobenzene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	Benzoic acid, Low Level Water	20	U		2.9	20	1.00000	ug/L	140773		01/26/05 1315	dpk
	Isophorone, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	2,4-Dimethylphenol, Low Level Water	9.8	U		1.3	9.8	1.00000	ug/L	140773		01/26/05 1315	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.63	4.9	1.00000	ug/L	140773		01/26/05 1315	dpk
	Naphthalene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk
	2,4-Dichlorophenol, Low Level Water	9.8	U		0.89	9.8	1.00000	ug/L	140773		01/26/05 1315	dpk
	4-Chloroaniline, Low Level Water	9.8	U		2.7	9.8	1.00000	ug/L	140773		01/26/05 1315	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	140773		01/26/05 1315	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.8	U		1.4	9.8	1.00000	ug/L	140773		01/26/05 1315	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.64	20	1.00000	ug/L	140773		01/26/05 1315	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	140773		01/26/05 1315	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.22	4.9	1.00000	ug/L	140773		01/26/05 1315	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624 Date: 02/01/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: L10mw-005-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-2
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.8	U		2.4	9.8	1.00000	ug/L	140773		01/26/05 1315	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	140773		01/26/05 1315	dpk
	2-Nitrophenol, Low Level Water	9.8	U		0.80	9.8	1.00000	ug/L	140773		01/26/05 1315	dpk
	3-Nitroaniline, Low Level Water	9.8	U		2.1	9.8	1.00000	ug/L	140773		01/26/05 1315	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.2	20	1.00000	ug/L	140773		01/26/05 1315	dpk
	Acenaphthylene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk
	2,4-Dinitrotoluene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk
	Acenaphthene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	4-Nitrophenol, Low Level Water	20	U		3.6	20	1.00000	ug/L	140773		01/26/05 1315	dpk
	Fluorene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk
	4-Nitroaniline, Low Level Water	9.8	U		2.3	9.8	1.00000	ug/L	140773		01/26/05 1315	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.19	4.9	1.00000	ug/L	140773		01/26/05 1315	dpk
	Hexachlorobenzene, Low Level Water	0.49	U		0.095	0.49	1.00000	ug/L	140773		01/26/05 1315	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.74	4.9	1.00000	ug/L	140773		01/26/05 1315	dpk
	Pentachlorophenol, Low Level Water	9.8	U		1.7	9.8	1.00000	ug/L	140773		01/26/05 1315	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	140773		01/26/05 1315	dpk
	Phenanthrene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk
	Anthracene, Low Level Water	0.98	U		0.15	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	140773		01/26/05 1315	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	140773		01/26/05 1315	dpk
	Fluoranthene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk
	Pyrene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.38	2.0	1.00000	ug/L	140773		01/26/05 1315	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.048	0.20	1.00000	ug/L	140773		01/26/05 1315	dpk
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	140773		01/26/05 1315	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											
Job Number: 233624				Date: 02/01/2005							
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RYAAP 14 AOCs				ATTN: Eric Ellis			
Customer Sample ID: L10mw-005-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water						Laboratory Sample ID: 233624-2 Date Received.....: 01/20/2005 Time Received.....: 10:00					
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.9	U	0.71	4.9	1.00000	ug/L	140773		01/26/05 1315	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U	3.8	15	1.00000	ug/L	140773		01/26/05 1315	dpk
	Di-n-octyl phthalate, Low Level Water	9.8	U	2.5	9.8	1.00000	ug/L	140773		01/26/05 1315	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U	0.066	0.39	1.00000	ug/L	140773		01/26/05 1315	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U	0.071	0.39	1.00000	ug/L	140773		01/26/05 1315	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U	0.082	0.39	1.00000	ug/L	140773		01/26/05 1315	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U	0.084	0.39	1.00000	ug/L	140773		01/26/05 1315	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U	0.13	0.39	1.00000	ug/L	140773		01/26/05 1315	dpk
	Benzo(ghi)perylene, Low Level Water	0.98	U	0.19	0.98	1.00000	ug/L	140773		01/26/05 1315	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624 Date: 01/31/2005

CUSTOMER: NKM Engineers, Inc. PROJECT: USACE RYAAP 14 AOGS ATTN: Eric Ellis

Customer Sample ID: L10mw-005-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-2
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	MMX	0.44	U		0.097	0.44	1.00000	ug/L	140653		01/26/05 0521	san
	RDX	0.29	U		0.092	0.29	1.00000	ug/L	140653		01/26/05 0521	san
	1,3,5-Trinitrobenzene	0.29	U		0.083	0.29	1.00000	ug/L	140653		01/26/05 0521	san
	1,3-Dinitrobenzene	0.29	U		0.079	0.29	1.00000	ug/L	140653		01/26/05 0521	san
	Nitrobenzene	0.23	U		0.063	0.23	1.00000	ug/L	140653		01/26/05 0521	san
	2,4,6-TNT	0.36	U		0.11	0.36	1.00000	ug/L	140653		01/26/05 0521	san
	Tetryl	1.1	U		0.24	1.1	1.00000	ug/L	140653		01/26/05 0521	san
	2,4-Dinitrotoluene	0.52	U		0.17	0.52	1.00000	ug/L	140653		01/26/05 0521	san
	2,6-Dinitrotoluene	0.62	U		0.20	0.62	1.00000	ug/L	140653		01/26/05 0521	san
	2-Amino-4,6-Dinitrotoluene	0.52	U		0.17	0.52	1.00000	ug/L	140653		01/26/05 0521	san
	4-Amino-2,6-Dinitrotoluene	0.47	U		0.16	0.47	1.00000	ug/L	140653		01/26/05 0521	san
	2-Nitrotoluene	0.44	U		0.13	0.44	1.00000	ug/L	140653		01/26/05 0521	san
	4-Nitrotoluene	0.44	U		0.14	0.44	1.00000	ug/L	140653		01/26/05 0521	san
	3-Nitrotoluene	0.44	U		0.14	0.44	1.00000	ug/L	140653		01/26/05 0521	san

* In Description = Dry Wgt.

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Job Number: 233624		LABORATORY TEST RESULTS						Date: 02/03/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAMP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: L10mw-005-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 233624-2 Date Received.....: 01/20/2005 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
9014/9010B	Cyanide (Colorimetric) Cyanide, Total	0.010		U	0.0044	0.010	1	mg/L	140103		01/24/05 1224	mtb

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624 Date: 02/02/2005

CUSTOMER: H&M Engineers, Inc. PROJECT: USAGE RYANP 14 ADGS ATTN: Eric Ellis

Customer Sample ID: L10mw-005-DUP
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-3
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	140534		01/27/05 1726	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	140662		01/28/05 1220	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	140683		01/28/05 1807	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	140464		01/26/05 2234	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	140548		01/27/05 1622	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	140536		01/28/05 0118	tds
	Barium	6.8	B		1.3	10	1	ug/L	140536		01/28/05 0118	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	140536		01/28/05 0118	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	140536		01/28/05 0118	tds
	Calcium	63000	U		9.5	100	1	ug/L	140536		01/28/05 0118	tds
	Chromium	10	U		1.1	10	1	ug/L	140536		01/28/05 0118	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	140536		01/28/05 0118	tds
	Copper	10	U		2.2	10	1	ug/L	140536		01/28/05 0118	tds
	Iron	120	U		38	120	1	ug/L	140536		01/28/05 0118	tds
	Magnesium	14000	U		8.1	100	1	ug/L	140536		01/28/05 0118	tds
	Manganese	49	U		0.41	10	1	ug/L	140536		01/28/05 0118	tds
	Nickel	10	U		1.0	10	1	ug/L	140536		01/28/05 0118	tds
	Potassium	870	U		66	500	1	ug/L	140536		01/28/05 0118	tds

* In Description = Dry Wgt.

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Job Number: 233624 LABORATORY TEST RESULTS Date: 02/02/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: L10mw-005-DUP
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-3
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15		U	3.0	15	1	ug/L	140536		01/28/05 0118	tds
	Silver	10		U	0.72	10	1	ug/L	140536		01/28/05 0118	tds
	Sodium	3300			490	1500	1	ug/L	140642		01/28/05 1903	tds
	Vanadium	10		U	1.0	10	1	ug/L	140536		01/28/05 0118	tds
	Zinc	8.9		B	1.6	30	1	ug/L	140536		01/28/05 0118	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											
Job Number: 233624				Date: 01/27/2005							
CUSTOMER: HKM Engineers, Inc.				PROJECT: USACE RVAAP TA AOCs				ATTN: Eric Ellis			
Customer Sample ID: L10mw-005-DUP					Laboratory Sample ID: 233624-3						
Date Sampled.....: 01/19/2005					Date Received.....: 01/20/2005						
Time Sampled.....: 09:30					Time Received.....: 10:00						
Sample Matrix.....: Water											
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q-FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO) Diesel Range Organics (DRO)	0.12	U	0.027	0.12	1.00000	mg/L	140198		01/21/05 2241	pjg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233624								Date: 01/29/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: L10MW-005-DUP Date Sampled.....: 01/19/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water				Laboratory Sample ID: 233624-3 Date Received.....: 01/20/2005 Time Received.....: 10:00								
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
80158 MGRD	TPH - Gasoline Range Organics (GRO) Gasoline Range Organics (GRO)	50		U	16	50	1.00000	ug/L	140592		01/28/05 1401	wre

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624

Date: 02/03/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: L10MW-005-DUP
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-3
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	U	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	141101		01/28/05 0834	kdL
	beta-BHC	0.099	U		0.028	0.099	1.00000	ug/L	141101		01/28/05 0834	kdL
	delta-BHC	0.099	U		0.025	0.099	1.00000	ug/L	141101		01/28/05 0834	kdL
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	141101		01/28/05 0834	kdL
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	141101		01/28/05 0834	kdL
	Aldrin	0.099	U		0.028	0.099	1.00000	ug/L	141101		01/28/05 0834	kdL
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	141101		01/28/05 0834	kdL
	Endosulfan I	0.099	U		0.021	0.099	1.00000	ug/L	141101		01/28/05 0834	kdL
	Dieldrin	0.099	U		0.018	0.099	1.00000	ug/L	141101		01/28/05 0834	kdL
	4,4'-DDE	0.099	U		0.023	0.099	1.00000	ug/L	141101		01/28/05 0834	kdL
	Endrin	0.099	U		0.017	0.099	1.00000	ug/L	141101		01/28/05 0834	kdL
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	141101		01/28/05 0834	kdL
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	141101		01/28/05 0834	kdL
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	141101		01/28/05 0834	kdL
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	141101		01/28/05 0834	kdL
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	141101		01/28/05 0834	kdL
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	141101		01/28/05 0834	kdL
	gamma-Chlordane	0.099	U		0.017	0.099	1.00000	ug/L	141101		01/28/05 0834	kdL
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	141101		01/28/05 0834	kdL
	Endrin ketone	0.099	U		0.029	0.099	1.00000	ug/L	141101		01/28/05 0834	kdL
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	141101		01/28/05 0834	kdL

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624

Date: 02/01/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RVRAP 14 AGCS

ATTN: Eric ELLIS

Customer Sample ID: L10mw-005-DUP
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-3
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.59	U		0.18	0.59	1.00000	ug/L	140817		01/27/05 1613	bjt
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	140817		01/27/05 1613	bjt
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	140817		01/27/05 1613	bjt
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	140817		01/27/05 1613	bjt
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	140817		01/27/05 1613	bjt
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	140817		01/27/05 1613	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	140817		01/27/05 1613	bjt

* In Description = Dry Wgt.

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Job Number: 233624 LABORATORY TEST RESULTS Date: 02/03/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14-AOCS ATTN: Eric Ellis

Customer Sample ID: L10mw-005-DUP
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-3
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Acetone	10	U		1.8	10	1.00000	ug/L	140790		01/31/05 1813	jmp
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140790		01/31/05 1813	jmp
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140790		01/31/05 1813	jmp
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140790		01/31/05 1813	jmp
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140790		01/31/05 1813	jmp

* In Description = Dry Wgt.

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Job Number: 233624 LABORATORY TEST RESULTS Date: 02/03/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 ADCS ATTN: Eric Ellis

Customer Sample ID: L10m-005-DUP Laboratory Sample ID: 233624-3
 Date Sampled.....: 01/19/2005 Date Received.....: 01/20/2005
 Time Sampled.....: 09:30 Time Received.....: 10:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U	0.060	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	1,2-Dibromoethane (EDB)	1.0	U	0.13	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Chlorobenzene	1.0	U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Ethylbenzene	1.0	U	0.070	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	m&p-Xylenes	2.0	U	0.18	2.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	o-Xylene	1.0	U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Styrene	1.0	U	0.13	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Bromoform	1.0	U	0.11	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	1,2-Dichloroethene (total)	1.0	U	0.23	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp
	Xylenes (total)	1.0	U	0.28	1.0	1.00000	ug/L	140790		01/31/05 1813	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233624								Date:02/01/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RYAAP 14 AOCS				ATTN: Eric Ellis				
Customer Sample ID: L10mw-005-DUP Date Sampled.....: 01/19/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water						Laboratory Sample ID: 233624-3 Date Received.....: 01/20/2005 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	5.0	U		0.35	5.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	140773		01/26/05 1338	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.50	U		0.080	0.50	1.00000	ug/L	140773		01/26/05 1338	dpk
	Hexachloroethane, Low Level Water	5.0	U		0.60	5.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.099	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	2-Chlorophenol, Low Level Water	5.0	U		0.12	5.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	Nitrobenzene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	140773		01/26/05 1338	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	2,4-Dimethylphenol, Low Level Water	9.9	U		1.3	9.9	1.00000	ug/L	140773		01/26/05 1338	dpk
	Hexachlorobutadiene, Low Level Water	5.0	U		0.63	5.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	Naphthalene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk
	2,4-Dichlorophenol, Low Level Water	9.9	U		0.90	9.9	1.00000	ug/L	140773		01/26/05 1338	dpk
	4-Chloroaniline, Low Level Water	9.9	U		2.8	9.9	1.00000	ug/L	140773		01/26/05 1338	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.0	U		0.21	5.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.9	U		1.4	9.9	1.00000	ug/L	140773		01/26/05 1338	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.64	20	1.00000	ug/L	140773		01/26/05 1338	dpk
	2-Methylnaphthalene, Low Level Water	0.50	U		0.13	0.50	1.00000	ug/L	140773		01/26/05 1338	dpk
	2-Nitroaniline, Low Level Water	5.0	U		0.22	5.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233624						Date: 02/01/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: L10mw-005-DUP Date Sampled.....: 01/19/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water						Laboratory Sample ID: 233624-3 Date Received.....: 01/20/2005 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.9	U		2.4	9.9	1.00000	ug/L	140773		01/26/05 1338	dpk
	2,6-Dinitrotoluene, Low Level Water	0.50	U		0.11	0.50	1.00000	ug/L	140773		01/26/05 1338	dpk
	2-Nitrophenol, Low Level Water	9.9	U		0.81	9.9	1.00000	ug/L	140773		01/26/05 1338	dpk
	3-Nitroaniline, Low Level Water	9.9	U		2.1	9.9	1.00000	ug/L	140773		01/26/05 1338	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.3	20	1.00000	ug/L	140773		01/26/05 1338	dpk
	Acenaphthylene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk
	2,4-Dinitrotoluene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk
	Acenaphthene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	4-Nitrophenol, Low Level Water	20	U		3.7	20	1.00000	ug/L	140773		01/26/05 1338	dpk
	Fluorene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk
	4-Nitroaniline, Low Level Water	9.9	U		2.3	9.9	1.00000	ug/L	140773		01/26/05 1338	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.0	U		0.19	5.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	Hexachlorobenzene, Low Level Water	0.50	U		0.096	0.50	1.00000	ug/L	140773		01/26/05 1338	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.0	U		0.74	5.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	Pentachlorophenol, Low Level Water	9.9	U		1.7	9.9	1.00000	ug/L	140773		01/26/05 1338	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	140773		01/26/05 1338	dpk
	Phenanthrene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk
	Anthracene, Low Level Water	0.99	U		0.15	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk
	Carbazole, Low Level Water	5.0	U		0.29	5.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	Di-n-butyl phthalate, Low Level Water	5.0	U		0.36	5.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	Fluoranthene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk
	Pyrene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.39	2.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.049	0.20	1.00000	ug/L	140773		01/26/05 1338	dpk
	Chrysene, Low Level Water	0.50	U		0.045	0.50	1.00000	ug/L	140773		01/26/05 1338	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											Date: 02/01/2005	
Job Number: 233624				CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Elits
Customer Sample ID: L10mw-005-DUP Date Sampled.....: 01/19/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water						Laboratory Sample ID: 233624-3 Date Received.....: 01/20/2005 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.0	U		0.71	5.0	1.00000	ug/L	140773		01/26/05 1338	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.9	15	1.00000	ug/L	140773		01/26/05 1338	dpk
	Di-n-octyl phthalate, Low Level Water	9.9	U		2.5	9.9	1.00000	ug/L	140773		01/26/05 1338	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40	U		0.066	0.40	1.00000	ug/L	140773		01/26/05 1338	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40	U		0.071	0.40	1.00000	ug/L	140773		01/26/05 1338	dpk
	Benzo(a)pyrene, Low Level Water	0.40	U		0.083	0.40	1.00000	ug/L	140773		01/26/05 1338	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40	U		0.085	0.40	1.00000	ug/L	140773		01/26/05 1338	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40	U		0.13	0.40	1.00000	ug/L	140773		01/26/05 1338	dpk
	Benzo(ghi)perylene, Low Level Water	0.99	U		0.19	0.99	1.00000	ug/L	140773		01/26/05 1338	dpk

* In Description = Dry Wgt.

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Job Number: 233624

LABORATORY TEST RESULTS

Date: 01/31/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: L10mw-005-DUP
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-3
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.59	U		0.13	0.59	1.00000	ug/L	140653		01/26/05 0553	san
	RDX	0.38	U		0.12	0.38	1.00000	ug/L	140653		01/26/05 0553	san
	1,3,5-Trinitrobenzene	0.38	U		0.11	0.38	1.00000	ug/L	140653		01/26/05 0553	san
	1,3-Dinitrobenzene	0.38	U		0.10	0.38	1.00000	ug/L	140653		01/26/05 0553	san
	Nitrobenzene	0.30	U		0.084	0.30	1.00000	ug/L	140653		01/26/05 0553	san
	2,4,6-TNT	0.48	U		0.15	0.48	1.00000	ug/L	140653		01/26/05 0553	san
	Tetryl	1.5	U		0.31	1.5	1.00000	ug/L	140653		01/26/05 0553	san
	2,4-Dinitrotoluene	0.68	U		0.23	0.68	1.00000	ug/L	140653		01/26/05 0553	san
	2,6-Dinitrotoluene	0.82	U		0.27	0.82	1.00000	ug/L	140653		01/26/05 0553	san
	2-Amino-4,6-Dinitrotoluene	0.68	U		0.23	0.68	1.00000	ug/L	140653		01/26/05 0553	san
	4-Amino-2,6-Dinitrotoluene	0.63	U		0.21	0.63	1.00000	ug/L	140653		01/26/05 0553	san
	2-Nitrotoluene	0.59	U		0.18	0.59	1.00000	ug/L	140653		01/26/05 0553	san
	4-Nitrotoluene	0.59	U		0.19	0.59	1.00000	ug/L	140653		01/26/05 0553	san
	3-Nitrotoluene	0.59	U		0.19	0.59	1.00000	ug/L	140653		01/26/05 0553	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233624 Date: 02/03/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USADE RYAAP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: L10mw-005-DUP
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-3
 Date Received.....: 01/20/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
9014/9010B	Cyanide (Colorimetric) Cyanide, Total	0.010	U		0.0044	0.010	1	mg/L	140103		01/24/05 1225	mtb

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233541

Date:02/01/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: L10mw-006-GW
 Date Sampled.....: 01/17/2005
 Time Sampled.....: 09:50
 Sample Matrix.....: Water

Laboratory Sample ID: 233541-1
 Date Received.....: 01/18/2005
 Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	139858		01/19/05 1719	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	140084		01/20/05 1347	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	140165		01/20/05 1614	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	139832		01/19/05 1636	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	139868		01/19/05 1501	daj
60108	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	140532		01/27/05 1401	tds
	Barium	17	U		1.3	10	1	ug/L	140532		01/27/05 1401	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	140532		01/27/05 1401	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	140646		01/28/05 1341	tds
	Calcium	23000	U		9.5	100	1	ug/L	140532		01/27/05 1401	tds
	Chromium	3.2	B		1.1	10	1	ug/L	140532		01/27/05 1401	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	140646		01/28/05 1341	tds
	Copper	10	U		2.2	10	1	ug/L	140532		01/27/05 1401	tds
	Iron	63	B		38	120	1	ug/L	140532		01/27/05 1401	tds
	Magnesium	9400	U		8.1	100	1	ug/L	140646		01/28/05 1341	tds
	Manganese	65	U		0.41	10	1	ug/L	140532		01/27/05 1401	tds
	Nickel	3.7	B		1.0	10	1	ug/L	140532		01/27/05 1401	tds
	Potassium	1300	U		66	500	1	ug/L	140532		01/27/05 1401	tds

* In Description = Dry Wgt.

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Job Number: 233541		LABORATORY TEST RESULTS					Date: 02/01/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: L10mw-006-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 09:50 Sample Matrix.....: Water			Laboratory Sample ID: 233541-1 Date Received.....: 01/18/2005 Time Received.....: 09:40									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	140532		01/27/05 1401	tds
	Silver	10	U		0.72	10	1	ug/L	140532		01/27/05 1401	tds
	Sodium	3100			490	1500	1	ug/L	140532		01/27/05 1401	tds
	Vanadium	10	U		1.0	10	1	ug/L	140532		01/27/05 1401	tds
	Zinc	4.7	B		1.6	30	1	ug/L	140532		01/27/05 1401	tds

* In Description = Dry Wgt.

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Job Number: 233541		LABORATORY TEST RESULTS						Date: 01/25/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: L10mw-006-GW			Laboratory Sample ID: 233541-1									
Date Sampled.....: 01/17/2005			Date Received.....: 01/18/2005									
Time Sampled.....: 09:50			Time Received.....: 09:40									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO) Diesel Range Organics (DRO)	0.13		U	0.030	0.13	1.00000	mg/L	140196		01/21/05 1443	pjg

* In Description = Dry Wgt.

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Job Number: 233541		LABORATORY TEST RESULTS						Date: 01/29/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS			ATTN: Eric Ellis						
Customer Sample ID: L10mw-006-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 09:50 Sample Matrix.....: Water			Laboratory Sample ID: 233541-1 Date Received.....: 01/18/2005 Time Received.....: 09:40									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MGRO	TPH - Gasoline Range Organics (GRO) Gasoline Range Organics (GRO)	50		U	16	50	1.00000	ug/L	140592		01/28/05 1015	wre

* In Description = Dry Wgt.

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Job Number: 233541		LABORATORY TEST RESULTS							Date: 01/28/2005			
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: L10mw-006-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 09:50 Sample Matrix.....: Water			Laboratory Sample ID: 233541-1 Date Received.....: 01/18/2005 Time Received.....: 09:40									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.16	U	0.049	0.16	1.00000	ug/L	140531		01/22/05 0104	kdl	
	beta-BHC	0.10	U	0.029	0.10	1.00000	ug/L	140531		01/22/05 0104	kdl	
	delta-BHC	0.10	U	0.026	0.10	1.00000	ug/L	140531		01/22/05 0104	kdl	
	gamma-BHC (Lindane)	0.16	U	0.044	0.16	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Heptachlor	0.16	U	0.043	0.16	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Aldrin	0.10	U	0.029	0.10	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Heptachlor epoxide	0.16	U	0.038	0.16	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Endosulfan I	0.10	U	0.022	0.10	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Dieldrin	0.10	U	0.019	0.10	1.00000	ug/L	140531		01/22/05 0104	kdl	
	4,4'-DDE	0.10	U	0.024	0.10	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Endrin	0.10	U	0.018	0.10	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Endosulfan II	0.16	U	0.044	0.16	1.00000	ug/L	140531		01/22/05 0104	kdl	
	4,4'-DDD	0.11	U	0.038	0.11	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Endosulfan sulfate	0.16	U	0.046	0.16	1.00000	ug/L	140531		01/22/05 0104	kdl	
	4,4'-DDT	0.16	U	0.051	0.16	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Methoxychlor	0.63	U	0.18	0.63	1.00000	ug/L	140531		01/22/05 0104	kdl	
	alpha-Chlordane	0.052	U	0.017	0.052	1.00000	ug/L	140531		01/22/05 0104	kdl	
	gamma-Chlordane	0.10	U	0.018	0.10	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Endrin aldehyde	0.16	U	0.036	0.16	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Endrin ketone	0.10	U	0.030	0.10	1.00000	ug/L	140531		01/22/05 0104	kdl	
	Toxaphene	0.52	U	0.15	0.52	1.00000	ug/L	140531		01/22/05 0104	kdl	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233541 Date: 01/28/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOGS ATTN: Eric Ellis

Customer Sample ID: L10mw-006-GW Laboratory Sample ID: 233541-1
 Date Sampled.....: 01/17/2005 Date Received.....: 01/18/2005
 Time Sampled.....: 09:50 Time Received.....: 09:40
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.63	U		0.19	0.63	1.00000	ug/L	140564		01/20/05 1255	bjt
	Aroclor 1221	1.4	U		0.44	1.4	1.00000	ug/L	140564		01/20/05 1255	bjt
	Aroclor 1232	1.4	U		0.36	1.4	1.00000	ug/L	140564		01/20/05 1255	bjt
	Aroclor 1242	1.4	U		0.45	1.4	1.00000	ug/L	140564		01/20/05 1255	bjt
	Aroclor 1248	1.6	U		0.50	1.6	1.00000	ug/L	140564		01/20/05 1255	bjt
	Aroclor 1254	1.4	U		0.36	1.4	1.00000	ug/L	140564		01/20/05 1255	bjt
	Aroclor 1260	0.63	U		0.18	0.63	1.00000	ug/L	140564		01/20/05 1255	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233541

Date: 02/01/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE: RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: L10mw-006-GW
 Date Sampled.....: 01/17/2005
 Time Sampled.....: 09:50
 Sample Matrix.....: Water

Laboratory Sample ID: 233541-1
 Date Received.....: 01/18/2005
 Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Acetone	10	U		1.8	10	1.00000	ug/L	140790		01/31/05 1426	jmp
	Methylene chloride	1.8	U		0.35	1.5	1.00000	ug/L	140790		01/31/05 1426	jmp
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140790		01/31/05 1426	jmp
	Bromoethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140790		01/31/05 1426	jmp
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140790		01/31/05 1426	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233541

Date: 02/01/2005

CUSTOMER: NKN Engineers, Inc.

PROJECT: USAGE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: L10mw-006-GW
 Date Sampled.....: 01/17/2005
 Time Sampled.....: 09:50
 Sample Matrix.....: Water

Laboratory Sample ID: 233541-1
 Date Received.....: 01/18/2005
 Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140790		01/31/05 1426	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233541

Date: 01/21/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: L10mw-006-GW
 Date Sampled.....: 01/17/2005
 Time Sampled.....: 09:50
 Sample Matrix.....: Water

Laboratory Sample ID: 233541-1
 Date Received.....: 01/18/2005
 Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatiles Organics											
	Phenol, Low Level Water	5.2	U		0.36	5.2	1.00000	ug/L	139969		01/20/05 1353	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.1	U		0.31	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	1,3-Dichlorobenzene, Low Level Water	2.1	U		0.45	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	1,4-Dichlorobenzene, Low Level Water	2.1	U		0.34	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	1,2-Dichlorobenzene, Low Level Water	2.1	U		0.36	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	Benzyl alcohol, Low Level Water	21	U		2.3	21	1.00000	ug/L	139969		01/20/05 1353	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.1	U		0.29	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.52	U		0.084	0.52	1.00000	ug/L	139969		01/20/05 1353	dpk
	Hexachloroethane, Low Level Water	5.2	U		0.64	5.2	1.00000	ug/L	139969		01/20/05 1353	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.1	U		0.10	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	2-Chlorophenol, Low Level Water	5.2	U		0.13	5.2	1.00000	ug/L	139969		01/20/05 1353	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.17	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.1	U		0.32	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.1	U		0.35	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	Benzoic acid, Low Level Water	21	U		3.1	21	1.00000	ug/L	139969		01/20/05 1353	dpk
	Isophorone, Low Level Water	2.1	U		0.27	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	139969		01/20/05 1353	dpk
	Hexachlorobutadiene, Low Level Water	5.2	U		0.67	5.2	1.00000	ug/L	139969		01/20/05 1353	dpk
	Naphthalene, Low Level Water	1.0	U		0.17	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.95	10	1.00000	ug/L	139969		01/20/05 1353	dpk
	4-Chloroaniline, Low Level Water	10	U		2.9	10	1.00000	ug/L	139969		01/20/05 1353	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.2	U		0.22	5.2	1.00000	ug/L	139969		01/20/05 1353	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.5	10	1.00000	ug/L	139969		01/20/05 1353	dpk
	Hexachlorocyclopentadiene, Low Level Water	21	U		0.68	21	1.00000	ug/L	139969		01/20/05 1353	dpk
	2-Methylnaphthalene, Low Level Water	0.52	U		0.14	0.52	1.00000	ug/L	139969		01/20/05 1353	dpk
	2-Nitroaniline, Low Level Water	5.2	U		0.23	5.2	1.00000	ug/L	139969		01/20/05 1353	dpk
	2-Chloronaphthalene, Low Level Water	2.1	U	*	0.27	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233541								Date: 01/21/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: L10mw-006-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 09:50 Sample Matrix.....: Water						Laboratory Sample ID: 233541-1 Date Received.....: 01/18/2005 Time Received.....: 09:40						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U		2.5	10	1.00000	ug/L	139969		01/20/05 1353	dpk
	2,6-Dinitrotoluene, Low Level Water	0.52	U		0.11	0.52	1.00000	ug/L	139969		01/20/05 1353	dpk
	2-Nitrophenol, Low Level Water	10	U		0.85	10	1.00000	ug/L	139969		01/20/05 1353	dpk
	3-Nitroaniline, Low Level Water	10	U		2.2	10	1.00000	ug/L	139969		01/20/05 1353	dpk
	Dimethyl phthalate, Low Level Water	2.1	U		0.22	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	2,4-Dinitrophenol, Low Level Water	21	U		3.4	21	1.00000	ug/L	139969		01/20/05 1353	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk
	Acenaphthene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk
	Dibenzofuran, Low Level Water	2.1	U		0.14	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	4-Nitrophenol, Low Level Water	21	U		3.9	21	1.00000	ug/L	139969		01/20/05 1353	dpk
	Fluorene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk
	4-Nitroaniline, Low Level Water	10	U		2.4	10	1.00000	ug/L	139969		01/20/05 1353	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.2	U		0.20	5.2	1.00000	ug/L	139969		01/20/05 1353	dpk
	Hexachlorobenzene, Low Level Water	0.52	U		0.10	0.52	1.00000	ug/L	139969		01/20/05 1353	dpk
	Diethyl phthalate, Low Level Water	2.1	U		0.16	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.2	U		0.78	5.2	1.00000	ug/L	139969		01/20/05 1353	dpk
	Pentachlorophenol, Low Level Water	10	U		1.8	10	1.00000	ug/L	139969		01/20/05 1353	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	21	U		2.5	21	1.00000	ug/L	139969		01/20/05 1353	dpk
	Phenanthrene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk
	Anthracene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk
	Carbazole, Low Level Water	5.2	U		0.30	5.2	1.00000	ug/L	139969		01/20/05 1353	dpk
	Di-n-butyl phthalate, Low Level Water	5.2	U		0.38	5.2	1.00000	ug/L	139969		01/20/05 1353	dpk
	Fluoranthene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk
	Pyrene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk
	Butyl benzyl phthalate, Low Level Water	2.1	U		0.41	2.1	1.00000	ug/L	139969		01/20/05 1353	dpk
	Benzo(a)anthracene, Low Level Water	0.21	U		0.051	0.21	1.00000	ug/L	139969		01/20/05 1353	dpk
	Chrysene, Low Level Water	0.52	U		0.047	0.52	1.00000	ug/L	139969		01/20/05 1353	dpk

* In Description = Dry Wgt.

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Job Number: 233541		LABORATORY TEST RESULTS						Date: 01/21/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: L10mw-006-GW Date Sampled.....: 01/17/2005 Time Sampled.....: 09:50 Sample Matrix.....: Water			Laboratory Sample ID: 233541-1 Date Received.....: 01/18/2005 Time Received.....: 09:40									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.2	U		0.75	5.2	1.00000	ug/L	139969		01/20/05 1353	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	16	U		4.1	16	1.00000	ug/L	139969		01/20/05 1353	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	139969		01/20/05 1353	dpk
	Benzo(b)fluoranthene, Low Level Water	0.42	U		0.070	0.42	1.00000	ug/L	139969		01/20/05 1353	dpk
	Benzo(k)fluoranthene, Low Level Water	0.42	U		0.075	0.42	1.00000	ug/L	139969		01/20/05 1353	dpk
	Benzo(a)pyrene, Low Level Water	0.42	U		0.088	0.42	1.00000	ug/L	139969		01/20/05 1353	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.42	U		0.090	0.42	1.00000	ug/L	139969		01/20/05 1353	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.42	U		0.14	0.42	1.00000	ug/L	139969		01/20/05 1353	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.20	1.0	1.00000	ug/L	139969		01/20/05 1353	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233541

Date: 01/27/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ACOS

ATTN: Eric Elise

Customer Sample ID: L10MW-006-BW
 Date Sampled.....: 01/17/2005
 Time Sampled.....: 09:50
 Sample Matrix.....: Water

Laboratory Sample ID: 233541-1
 Date Received.....: 01/18/2005
 Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	MX	0.31	U		0.068	0.31	1.00000	ug/L	140419		01/20/05 0424	san
	RDX	0.20	U		0.064	0.20	1.00000	ug/L	140419		01/20/05 0424	san
	1,3,5-Trinitrobenzene	0.20	U		0.058	0.20	1.00000	ug/L	140419		01/20/05 0424	san
	1,3-Dinitrobenzene	0.20	U		0.055	0.20	1.00000	ug/L	140419		01/20/05 0424	san
	Nitrobenzene	0.16	U		0.044	0.16	1.00000	ug/L	140419		01/20/05 0424	san
	2,4,6-TNT	0.25	U		0.078	0.25	1.00000	ug/L	140419		01/20/05 0424	san
	Tetryl	0.78	U		0.16	0.78	1.00000	ug/L	140419		01/20/05 0424	san
	2,4-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	140419		01/20/05 0424	san
	2,6-Dinitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	140419		01/20/05 0424	san
	2-Amino-4,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	140419		01/20/05 0424	san
	4-Amino-2,6-Dinitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	140419		01/20/05 0424	san
	2-Nitrotoluene	0.31	U		0.093	0.31	1.00000	ug/L	140419		01/20/05 0424	san
	4-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	140419		01/20/05 0424	san
	3-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	140419		01/20/05 0424	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233541

Date: 02/01/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVRAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: L10mw-006-GW
 Date Sampled.....: 01/17/2005
 Time Sampled.....: 09:50
 Sample Matrix.....: Water

Laboratory Sample ID: 233541-1
 Date Received.....: 01/18/2005
 Time Received.....: 09:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
9014/9010B	Cyanide (Colorimetric) Cyanide, Total	0.010	U		0.0044	0.010	1	mg/L	139873		01/20/05 1220	mtb

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232332								Date: 12/27/2004				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADGS				ATTN: Eric Ellis				
Customer Sample ID: ASYmw-001-GW Date Sampled.....: 11/30/2004 Time Sampled.....: 14:50 Sample Matrix.....: Water						Laboratory Sample ID: 232332-4 Date Received.....: 12/01/2004 Time Received.....: 10:10						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7196A	Hexavalent Chromium Hexavalent Chromium	0.0026	B		0.0016	0.010	1	mg/L	135812		12/01/04 1238	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/15/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ROCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-001-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-4
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	136229		12/02/04 1245	daj
7060A	Arsenic (GFAA) Arsenic	1.4	B		0.51	2.0	1	ug/L	136255		12/02/04 1835	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	136490		12/07/04 1501	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	136253		12/02/04 1642	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	136366		12/06/04 1623	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	136727		12/09/04 1755	tds
	Barium	31			1.3	10	1	ug/L	136727		12/09/04 1755	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	136727		12/09/04 1755	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	136727		12/09/04 1755	tds
	Calcium	170000			9.5	100	1	ug/L	136727		12/09/04 1755	tds
	Chromium	10	U		1.1	10	1	ug/L	136727		12/09/04 1755	tds
	Cobalt	1.8	B		0.80	5.0	1	ug/L	136727		12/09/04 1755	tds
	Copper	3.3	B		2.2	10	1	ug/L	136727		12/09/04 1755	tds
	Iron	360			38	120	1	ug/L	136727		12/09/04 1755	tds
	Magnesium	57000			8.1	100	1	ug/L	136727		12/09/04 1755	tds
	Manganese	880			0.41	10	1	ug/L	136727		12/09/04 1755	tds
	Nickel	3.3	B		1.0	10	1	ug/L	136727		12/09/04 1755	tds
	Potassium	3900			66	500	1	ug/L	136727		12/09/04 1755	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/15/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: ERIC ELLIS

Customer Sample ID: ASYm-001-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-4
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	136727		12/09/04 1755	tds
	Silver	10	U		0.72	10	1	ug/L	136727		12/09/04 1755	tds
	Sodium	8300			490	1500	1	ug/L	136727		12/09/04 1755	tds
	Vanadium	10	U		1.0	10	1	ug/L	136727		12/09/04 1755	tds
	Zinc	12	B		1.6	30	1	ug/L	136727		12/09/04 1755	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332 Date: 12/15/2004

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RUAAP 14 ADCS ATTN: Eric Ellis

Customer Sample ID: ASYMW-001-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-4
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	137065		12/04/04 0810	kdl
	beta-BHC	0.099	U		0.028	0.099	1.00000	ug/L	137065		12/04/04 0810	kdl
	delta-BHC	0.099	U		0.025	0.099	1.00000	ug/L	137065		12/04/04 0810	kdl
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	137065		12/04/04 0810	kdl
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	137065		12/04/04 0810	kdl
	Aldrin	0.099	U		0.028	0.099	1.00000	ug/L	137065		12/04/04 0810	kdl
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	137065		12/04/04 0810	kdl
	Endosulfan I	0.099	U		0.021	0.099	1.00000	ug/L	137065		12/04/04 0810	kdl
	Dieldrin	0.099	U		0.018	0.099	1.00000	ug/L	137065		12/04/04 0810	kdl
	4,4'-DDE	0.099	U		0.023	0.099	1.00000	ug/L	137065		12/04/04 0810	kdl
	Endrin	0.099	U		0.017	0.099	1.00000	ug/L	137065		12/04/04 0810	kdl
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	137065		12/04/04 0810	kdl
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	137065		12/04/04 0810	kdl
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	137065		12/04/04 0810	kdl
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	137065		12/04/04 0810	kdl
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	137065		12/04/04 0810	kdl
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	137065		12/04/04 0810	kdl
	gamma-Chlordane	0.099	U		0.017	0.099	1.00000	ug/L	137065		12/04/04 0810	kdl
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	137065		12/04/04 0810	kdl
	Endrin ketone	0.099	U		0.029	0.099	1.00000	ug/L	137065		12/04/04 0810	kdl
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	137065		12/04/04 0810	kdl

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/14/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-001-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-4
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.59	U		0.18	0.59	1.00000	ug/L	136989		12/03/04 1644	bjt
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	136989		12/03/04 1644	bjt
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	136989		12/03/04 1644	bjt
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	136989		12/03/04 1644	bjt
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	136989		12/03/04 1644	bjt
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	136989		12/03/04 1644	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	136989		12/03/04 1644	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/14/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RYMAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-001-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-4
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Carbon disulfide	5.0	U	*	0.20	5.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	136228		12/03/04 1704	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	136228		12/03/04 1704	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	136228		12/03/04 1704	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	136228		12/03/04 1704	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	136228		12/03/04 1704	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232332						Date: 12/14/2004						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: ASYMW-001-GW Date Sampled.....: 11/30/2004 Time Sampled.....: 14:50 Sample Matrix.....: Water						Laboratory Sample ID: 232332-4 Date Received.....: 12/01/2004 Time Received.....: 10:10						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	1,2-Dichloroethane (total)	1.0	U		0.23	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	136228		12/03/04 1704	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/15/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ACOS

ATTN: Eric Elits

Customer Sample ID: ASYmw-001-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-4
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	5.1	U		0.35	5.1	1.00000	ug/L	137097		12/06/04 1357	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	137097		12/06/04 1357	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.51	U		0.082	0.51	1.00000	ug/L	137097		12/06/04 1357	dpk
	Hexachloroethane, Low Level Water	5.1	U		0.62	5.1	1.00000	ug/L	137097		12/06/04 1357	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.10	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	2-Chlorophenol, Low Level Water	5.1	U		0.12	5.1	1.00000	ug/L	137097		12/06/04 1357	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	137097		12/06/04 1357	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	137097		12/06/04 1357	dpk
	Hexachlorobutadiene, Low Level Water	5.1	U		0.65	5.1	1.00000	ug/L	137097		12/06/04 1357	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.92	10	1.00000	ug/L	137097		12/06/04 1357	dpk
	4-Chloroaniline, Low Level Water	10	U		2.8	10	1.00000	ug/L	137097		12/06/04 1357	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.1	U		0.21	5.1	1.00000	ug/L	137097		12/06/04 1357	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	137097		12/06/04 1357	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.66	20	1.00000	ug/L	137097		12/06/04 1357	dpk
	2-Methylnaphthalene, Low Level Water	0.51	U		0.13	0.51	1.00000	ug/L	137097		12/06/04 1357	dpk
	2-Nitroaniline, Low Level Water	5.1	U		0.22	5.1	1.00000	ug/L	137097		12/06/04 1357	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/15/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAMP 14 ADES

ATTN: Eric ELLTs

Customer Sample ID: ASYmw-001-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-4
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U		2.4	10	1.00000	ug/L	137097		12/06/04 1357	dpk
	2,6-Dinitrotoluene, Low Level Water	0.51	U		0.11	0.51	1.00000	ug/L	137097		12/06/04 1357	dpk
	2-Nitrophenol, Low Level Water	10	U		0.83	10	1.00000	ug/L	137097		12/06/04 1357	dpk
	3-Nitroaniline, Low Level Water	10	U		2.1	10	1.00000	ug/L	137097		12/06/04 1357	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.3	20	1.00000	ug/L	137097		12/06/04 1357	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	4-Nitrophenol, Low Level Water	20	U		3.7	20	1.00000	ug/L	137097		12/06/04 1357	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	4-Nitroaniline, Low Level Water	10	U		2.3	10	1.00000	ug/L	137097		12/06/04 1357	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.1	U		0.19	5.1	1.00000	ug/L	137097		12/06/04 1357	dpk
	Hexachlorobenzene, Low Level Water	0.51	U		0.098	0.51	1.00000	ug/L	137097		12/06/04 1357	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.1	U		0.76	5.1	1.00000	ug/L	137097		12/06/04 1357	dpk
	Pentachlorophenol, Low Level Water	10	U		1.7	10	1.00000	ug/L	137097		12/06/04 1357	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	137097		12/06/04 1357	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	Carbazole, Low Level Water	5.1	U		0.29	5.1	1.00000	ug/L	137097		12/06/04 1357	dpk
	Di-n-butyl phthalate, Low Level Water	5.1	U		0.36	5.1	1.00000	ug/L	137097		12/06/04 1357	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.39	2.0	1.00000	ug/L	137097		12/06/04 1357	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.049	0.20	1.00000	ug/L	137097		12/06/04 1357	dpk
	Chrysene, Low Level Water	0.51	U		0.045	0.51	1.00000	ug/L	137097		12/06/04 1357	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/15/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ACES

ATTN: Eric Ellis

Customer Sample ID: ASYMW-001-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-4
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.1		U	0.73	5.1	1.00000	ug/L	137097		12/06/04 1357	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15		U	3.9	15	1.00000	ug/L	137097		12/06/04 1357	dpk
	Di-n-octyl phthalate, Low Level Water	10		U	2.5	10	1.00000	ug/L	137097		12/06/04 1357	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40		U	0.068	0.40	1.00000	ug/L	137097		12/06/04 1357	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40		U	0.073	0.40	1.00000	ug/L	137097		12/06/04 1357	dpk
	Benzo(a)pyrene, Low Level Water	0.40		U	0.085	0.40	1.00000	ug/L	137097		12/06/04 1357	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40		U	0.087	0.40	1.00000	ug/L	137097		12/06/04 1357	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40		U	0.13	0.40	1.00000	ug/L	137097		12/06/04 1357	dpk
	Benzo(ghi)perylene, Low Level Water	1.0		U	0.19	1.0	1.00000	ug/L	137097		12/06/04 1357	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/16/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-001-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-4
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.40	U		0.087	0.40	1.00000	ug/L	137193		12/03/04 1753	san
	RDX	0.26	U		0.082	0.26	1.00000	ug/L	137193		12/03/04 1753	san
	1,3,5-Trinitrobenzene	0.26	U		0.074	0.26	1.00000	ug/L	137193		12/03/04 1753	san
	1,3-Dinitrobenzene	0.26	U		0.071	0.26	1.00000	ug/L	137193		12/03/04 1753	san
	Nitrobenzene	0.21	U		0.056	0.21	1.00000	ug/L	137193		12/03/04 1753	san
	2,4,6-TNT	0.32	U		0.10	0.32	1.00000	ug/L	137193		12/03/04 1753	san
	Tetryl	1.0	U		0.21	1.0	1.00000	ug/L	137193		12/03/04 1753	san
	2,4-Dinitrotoluene	0.46	U		0.16	0.46	1.00000	ug/L	137193		12/03/04 1753	san
	2,6-Dinitrotoluene	0.55	U		0.18	0.55	1.00000	ug/L	137193		12/03/04 1753	san
	2-Amino-4,6-Dinitrotoluene	0.46	U		0.15	0.46	1.00000	ug/L	137193		12/03/04 1753	san
	4-Amino-2,6-Dinitrotoluene	0.42	U		0.15	0.42	1.00000	ug/L	137193		12/03/04 1753	san
	2-Nitrotoluene	0.40	U		0.12	0.40	1.00000	ug/L	137193		12/03/04 1753	san
	4-Nitrotoluene	0.40	U		0.13	0.40	1.00000	ug/L	137193		12/03/04 1753	san
	3-Nitrotoluene	0.40	U		0.13	0.40	1.00000	ug/L	137193		12/03/04 1753	san
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.3	U		0.19	1.3	1.00000	ug/L	137204		12/02/04 2115	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: ASYmw-001-GW

Trace Level Organic Compounds

Lot-Sample #....: G4L010252-004 Work Order #....: GX24A1AC Matrix.....: WATER
Date Sampled....: 11/30/04 14:50 Date Received...: 12/01/04
Prep Date.....: 12/08/04 Analysis Date...: 12/08/04
Prep Batch #....: 4342544
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: ASYmw-001-GW

General Chemistry

Lot-Sample #...: G4L010252-004
Date Sampled...: 11/30/04

Work Order #...: GX24A
Date Received...: 12/01/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	12/13-12/15/04	4348530
		MDL.....: 0.12				

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/27/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RYAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-002-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 13:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-3
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7196A	Hexavalent Chromium Hexavalent Chromium	0.0087		B	0.0016	0.010	1	mg/L	135812		12/01/04 1237	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332 Date: 12/15/2004

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: ASYmw-002-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 13:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-3
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	136229		12/02/04 1233	daj
7060A	Arsenic (GFAA) Arsenic	1.3	B		0.51	2.0	1	ug/L	136255		12/02/04 1823	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	136490		12/07/04 1449	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	136253		12/02/04 1630	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	136366		12/06/04 1620	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	136727		12/09/04 1749	tds
	Barium	17			1.3	10	1	ug/L	136727		12/09/04 1749	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	136727		12/09/04 1749	tds
	Cadmium	0.27	B		0.25	2.0	1	ug/L	136727		12/09/04 1749	tds
	Calcium	82000			9.5	100	1	ug/L	136727		12/09/04 1749	tds
	Chromium	10	U		1.1	10	1	ug/L	136727		12/09/04 1749	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	136727		12/09/04 1749	tds
	Copper	3.3	B		2.2	10	1	ug/L	136727		12/09/04 1749	tds
	Iron	120	U		38	120	1	ug/L	136727		12/09/04 1749	tds
	Magnesium	18000			8.1	100	1	ug/L	136727		12/09/04 1749	tds
	Manganese	110			0.41	10	1	ug/L	136727		12/09/04 1749	tds
	Nickel	10	U		1.0	10	1	ug/L	136727		12/09/04 1749	tds
	Potassium	1600			66	500	1	ug/L	136727		12/09/04 1749	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232332						Date: 12/15/2004						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: ASYmw-002-GW Date Sampled.....: 11/30/2004 Time Sampled.....: 13:50 Sample Matrix.....: Water						Laboratory Sample ID: 232332-3 Date Received.....: 12/01/2004 Time Received.....: 10:10						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	136727		12/09/04 1749	tds
	Silver	10	U		0.72	10	1	ug/L	136727		12/09/04 1749	tds
	Sodium	2800			490	1500	1	ug/L	136727		12/09/04 1749	tds
	Vanadium	10	U		1.0	10	1	ug/L	136727		12/09/04 1749	tds
	Zinc	6.8	B		1.6	30	1	ug/L	136727		12/09/04 1749	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/15/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYMW-002-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 13:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-3
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	137065		12/04/04 0745	kdl
	beta-BHC	0.099	U		0.028	0.099	1.00000	ug/L	137065		12/04/04 0745	kdl
	delta-BHC	0.099	U		0.025	0.099	1.00000	ug/L	137065		12/04/04 0745	kdl
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	137065		12/04/04 0745	kdl
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	137065		12/04/04 0745	kdl
	Aldrin	0.099	U		0.028	0.099	1.00000	ug/L	137065		12/04/04 0745	kdl
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	137065		12/04/04 0745	kdl
	Endosulfan I	0.099	U		0.021	0.099	1.00000	ug/L	137065		12/04/04 0745	kdl
	Dieldrin	0.099	U		0.018	0.099	1.00000	ug/L	137065		12/04/04 0745	kdl
	4,4'-DDE	0.099	U		0.023	0.099	1.00000	ug/L	137065		12/04/04 0745	kdl
	Endrin	0.099	U		0.017	0.099	1.00000	ug/L	137065		12/04/04 0745	kdl
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	137065		12/04/04 0745	kdl
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	137065		12/04/04 0745	kdl
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	137065		12/04/04 0745	kdl
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	137065		12/04/04 0745	kdl
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	137065		12/04/04 0745	kdl
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	137065		12/04/04 0745	kdl
	gamma-Chlordane	0.099	U		0.017	0.099	1.00000	ug/L	137065		12/04/04 0745	kdl
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	137065		12/04/04 0745	kdl
	Endrin ketone	0.099	U		0.029	0.099	1.00000	ug/L	137065		12/04/04 0745	kdl
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	137065		12/04/04 0745	kdl

* In Description = Dry Wgt.

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Job Number: 232332		LABORATORY TEST RESULTS						Date: 12/14/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RYAAR 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: ASYmw-002-GW Date Sampled.....: 11/30/2004 Time Sampled.....: 13:50 Sample Matrix.....: Water			Laboratory Sample ID: 232332-3 Date Received.....: 12/01/2004 Time Received.....: 10:10									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.59	U		0.18	0.59	1.00000	ug/L	136989		12/03/04 1609	bjt
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	136989		12/03/04 1609	bjt
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	136989		12/03/04 1609	bjt
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	136989		12/03/04 1609	bjt
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	136989		12/03/04 1609	bjt
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	136989		12/03/04 1609	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	136989		12/03/04 1609	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/14/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-002-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 13:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-3
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Carbon disulfide	5.0	U	*	0.20	5.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	136228		12/03/04 1641	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	136228		12/03/04 1641	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	136228		12/03/04 1641	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	136228		12/03/04 1641	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	136228		12/03/04 1641	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/14/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-002-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 13:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-3
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	m,p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	1,2-Dichloroethane (total)	1.0	U		0.23	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	136228		12/03/04 1641	jdj

* In Description = Dry Wgt.

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Job Number: 232332		LABORATORY TEST RESULTS						Date: 12/15/2004				
CUSTOMER: PKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: ASYMW-002-GW Date Sampled.....: 11/30/2004 Time Sampled.....: 13:50 Sample Matrix.....: Water			Laboratory Sample ID: 232332-3 Date Received.....: 12/01/2004 Time Received.....: 10:10									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	5.1	U		0.36	5.1	1.00000	ug/L	137097		12/06/04 1331	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.44	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.36	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	137097		12/06/04 1331	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.51	U		0.083	0.51	1.00000	ug/L	137097		12/06/04 1331	dpk
	Hexachloroethane, Low Level Water	5.1	U		0.62	5.1	1.00000	ug/L	137097		12/06/04 1331	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.10	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	2-Chlorophenol, Low Level Water	5.1	U		0.12	5.1	1.00000	ug/L	137097		12/06/04 1331	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	Benzoic acid, Low Level Water	20	U		3.1	20	1.00000	ug/L	137097		12/06/04 1331	dpk
	Isophorone, Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	137097		12/06/04 1331	dpk
	Hexachlorobutadiene, Low Level Water	5.1	U		0.65	5.1	1.00000	ug/L	137097		12/06/04 1331	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.93	10	1.00000	ug/L	137097		12/06/04 1331	dpk
	4-Chloroaniline, Low Level Water	10	U		2.9	10	1.00000	ug/L	137097		12/06/04 1331	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.1	U		0.21	5.1	1.00000	ug/L	137097		12/06/04 1331	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	137097		12/06/04 1331	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.66	20	1.00000	ug/L	137097		12/06/04 1331	dpk
	2-Methylnaphthalene, Low Level Water	0.51	U		0.13	0.51	1.00000	ug/L	137097		12/06/04 1331	dpk
	2-Nitroaniline, Low Level Water	5.1	U		0.22	5.1	1.00000	ug/L	137097		12/06/04 1331	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232332						Date: 12/15/2004						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ROCS				ATTN: Eric Blits				
Customer Sample ID: ASYmw-002-GW Date Sampled.....: 11/30/2004 Time Sampled.....: 13:50 Sample Matrix.....: Water						Laboratory Sample ID: 232332-3 Date Received.....: 12/01/2004 Time Received.....: 10:10						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U		2.4	10	1.00000	ug/L	137097		12/06/04 1331	dpk
	2,6-Dinitrotoluene, Low Level Water	0.51	U		0.11	0.51	1.00000	ug/L	137097		12/06/04 1331	dpk
	2-Nitrophenol, Low Level Water	10	U		0.84	10	1.00000	ug/L	137097		12/06/04 1331	dpk
	3-Nitroaniline, Low Level Water	10	U		2.1	10	1.00000	ug/L	137097		12/06/04 1331	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.4	20	1.00000	ug/L	137097		12/06/04 1331	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	4-Nitrophenol, Low Level Water	20	U		3.8	20	1.00000	ug/L	137097		12/06/04 1331	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	4-Nitroaniline, Low Level Water	10	U		2.3	10	1.00000	ug/L	137097		12/06/04 1331	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.1	U		0.19	5.1	1.00000	ug/L	137097		12/06/04 1331	dpk
	Hexachlorobenzene, Low Level Water	0.51	U		0.099	0.51	1.00000	ug/L	137097		12/06/04 1331	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.1	U		0.77	5.1	1.00000	ug/L	137097		12/06/04 1331	dpk
	Pentachlorophenol, Low Level Water	10	U		1.7	10	1.00000	ug/L	137097		12/06/04 1331	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	137097		12/06/04 1331	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	Carbazole, Low Level Water	5.1	U		0.30	5.1	1.00000	ug/L	137097		12/06/04 1331	dpk
	Di-n-butyl phthalate, Low Level Water	5.1	U		0.37	5.1	1.00000	ug/L	137097		12/06/04 1331	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.40	2.0	1.00000	ug/L	137097		12/06/04 1331	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.050	0.20	1.00000	ug/L	137097		12/06/04 1331	dpk
	Chrysene, Low Level Water	0.51	U		0.046	0.51	1.00000	ug/L	137097		12/06/04 1331	dpk

* In Description = Dry Wgt.

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Job Number: 232332		LABORATORY TEST RESULTS						Date: 12/15/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: ASYmw-002-GW Date Sampled.....: 11/30/2004 Time Sampled.....: 13:50 Sample Matrix.....: Water			Laboratory Sample ID: 232332-3 Date Received.....: 12/01/2004 Time Received.....: 10:10									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.1	U		0.73	5.1	1.00000	ug/L	137097		12/06/04 1331	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		4.0	15	1.00000	ug/L	137097		12/06/04 1331	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	137097		12/06/04 1331	dpk
	Benzo(b)fluoranthene, Low Level Water	0.41	U		0.068	0.41	1.00000	ug/L	137097		12/06/04 1331	dpk
	Benzo(k)fluoranthene, Low Level Water	0.41	U		0.073	0.41	1.00000	ug/L	137097		12/06/04 1331	dpk
	Benzo(a)pyrene, Low Level Water	0.41	U		0.086	0.41	1.00000	ug/L	137097		12/06/04 1331	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.41	U		0.088	0.41	1.00000	ug/L	137097		12/06/04 1331	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.41	U		0.13	0.41	1.00000	ug/L	137097		12/06/04 1331	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.19	1.0	1.00000	ug/L	137097		12/06/04 1331	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232332

Date: 12/27/2004

CUSTOMER: MCM Engineers, Inc.

PROJECT: USACE RMAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-002-GW
 Date Sampled.....: 11/30/2004
 Time Sampled.....: 13:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232332-3
 Date Received.....: 12/01/2004
 Time Received.....: 10:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.43	U		0.095	0.43	1.00000	ug/L	137193		12/03/04 1720	san
	RDX	0.28	U		0.090	0.28	1.00000	ug/L	137193		12/03/04 1720	san
	1,3,5-Trinitrobenzene	0.28	U		0.081	0.28	1.00000	ug/L	137193		12/03/04 1720	san
	1,3-Dinitrobenzene	0.28	U		0.077	0.28	1.00000	ug/L	137193		12/03/04 1720	san
	Nitrobenzene	0.22	U		0.062	0.22	1.00000	ug/L	137193		12/03/04 1720	san
	2,4,6-TNT	0.35	U		0.11	0.35	1.00000	ug/L	137193		12/03/04 1720	san
	Tetryl	1.1	U		0.23	1.1	1.00000	ug/L	137193		12/03/04 1720	san
	2,4-Dinitrotoluene	0.50	U		0.17	0.50	1.00000	ug/L	137193		12/03/04 1720	san
	2,6-Dinitrotoluene	0.60	U		0.20	0.60	1.00000	ug/L	137193		12/03/04 1720	san
	2-Amino-4,6-Dinitrotoluene	0.50	U		0.17	0.50	1.00000	ug/L	137193		12/03/04 1720	san
	4-Amino-2,6-Dinitrotoluene	0.46	U		0.16	0.46	1.00000	ug/L	137193		12/03/04 1720	san
	2-Nitrotoluene	0.43	U		0.13	0.43	1.00000	ug/L	137193		12/03/04 1720	san
	4-Nitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	137193		12/03/04 1720	san
3-Nitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	137193		12/03/04 1720	san	
8332M	NG/PETN by 8332M (HPLC) Nitroglycerine	1.4	U		0.21	1.4	1.00000	ug/L	137204		12/02/04 2040	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: ASYmw-002-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L010252-003 Work Order #...: GX2381AC Matrix.....: WATER
Date Sampled...: 11/30/04 13:50 Date Received...: 12/01/04
Prep Date.....: 12/08/04 Analysis Date...: 12/08/04
Prep Batch #...: 4342544
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: ASYmw-002-GW

General Chemistry

Lot-Sample #...: G4L010252-003
Date Sampled...: 11/30/04

Work Order #...: GX238
Date Received...: 12/01/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	12/13-12/15/04	4348530
		MDL.....: 0.12				

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Job Number: 232364		LABORATORY TEST RESULTS					Date: 12/27/2004					
CUSTOMER: HKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: ASYMW-003-GW Date Sampled.....: 12/01/2004 Time Sampled.....: 13:30 Sample Matrix.....: Water			Laboratory Sample ID: 232364-9 Date Received.....: 12/02/2004 Time Received.....: 09:45									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7196A	Hexavalent Chromium Hexavalent Chromium	0.0040	B		0.0016	0.010	1	mg/L	135940		12/02/04 1237	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232364						Date: 12/22/2004						
CUSTOMER: MKM Engineers, Inc.						PROJECT: USACE RVAAP 14 ADDS			ATTN: Eric Ellis			
Customer Sample ID: ASYmw-003-GW Date Sampled.....: 12/01/2004 Time Sampled.....: 13:30 Sample Matrix.....: Water						Laboratory Sample ID: 232364-9 Date Received.....: 12/02/2004 Time Received.....: 09:45						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	136351		12/06/04 1854	daj
7060A	Arsenic (GFAA) Arsenic	9.5			0.51	2.0	1	ug/L	136355		12/06/04 2019	daj
7421	Lead (GFAA) Lead	0.82	B		0.79	3.0	1	ug/L	136640		12/08/04 1611	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	136346		12/07/04 0332	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137125		12/14/04 1446	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	137184		12/15/04 1749	tds
	Barium	31			1.3	10	1	ug/L	137184		12/15/04 1749	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	137184		12/15/04 1749	tds
	Cadmium	0.32	B		0.25	2.0	1	ug/L	137184		12/15/04 1749	tds
	Calcium	200000			9.5	100	1	ug/L	137184		12/15/04 1749	tds
	Chromium	10	U		1.1	10	1	ug/L	137184		12/15/04 1749	tds
	Cobalt	1.9	B		0.80	5.0	1	ug/L	137184		12/15/04 1749	tds
	Copper	10	U		2.2	10	1	ug/L	137184		12/15/04 1749	tds
	Iron	2200			38	120	1	ug/L	137184		12/15/04 1749	tds
	Magnesium	68000			8.1	100	1	ug/L	137184		12/15/04 1749	tds
	Manganese	590			0.41	10	1	ug/L	137184		12/15/04 1749	tds
	Nickel	3.1	B		1.0	10	1	ug/L	137184		12/15/04 1749	tds
	Potassium	3200			66	500	1	ug/L	137184		12/15/04 1749	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/22/2004

CUSTOMER: MKH Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-003-GW
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 13:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-9
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U	3.0	15	1	ug/L	137184		12/15/04 1749	tds
	Silver	10	U	0.72	10	1	ug/L	137184		12/15/04 1749	tds
	Sodium	23000		490	1500	1	ug/L	137184		12/15/04 1749	tds
	Vanadium	10	U	1.0	10	1	ug/L	137184		12/15/04 1749	tds
	Zinc	11	B	1.6	30	1	ug/L	137184		12/15/04 1749	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/16/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-003-GW
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 13:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-9
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
B081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	137225		12/15/04 0608	kdL
	beta-BHC	0.10	U		0.028	0.10	1.00000	ug/L	137225		12/15/04 0608	kdL
	delta-BHC	0.10	U		0.025	0.10	1.00000	ug/L	137225		12/15/04 0608	kdL
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	137225		12/15/04 0608	kdL
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	137225		12/15/04 0608	kdL
	Aldrin	0.10	U		0.028	0.10	1.00000	ug/L	137225		12/15/04 0608	kdL
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	137225		12/15/04 0608	kdL
	Endosulfan I	0.10	U		0.021	0.10	1.00000	ug/L	137225		12/15/04 0608	kdL
	Dieldrin	0.10	U		0.018	0.10	1.00000	ug/L	137225		12/15/04 0608	kdL
	4,4'-DDE	0.10	U		0.023	0.10	1.00000	ug/L	137225		12/15/04 0608	kdL
	Endrin	0.10	U		0.017	0.10	1.00000	ug/L	137225		12/15/04 0608	kdL
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	137225		12/15/04 0608	kdL
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	137225		12/15/04 0608	kdL
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	137225		12/15/04 0608	kdL
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	137225		12/15/04 0608	kdL
	Methoxychlor	0.60	U		0.17	0.60	1.00000	ug/L	137225		12/15/04 0608	kdL
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	137225		12/15/04 0608	kdL
	gamma-Chlordane	0.10	U		0.017	0.10	1.00000	ug/L	137225		12/15/04 0608	kdL
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	137225		12/15/04 0608	kdL
Endrin ketone	0.10	U		0.029	0.10	1.00000	ug/L	137225		12/15/04 0608	kdL	
Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	137225		12/15/04 0608	kdL	

* In Description = Dry Wgt.

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Job Number: 232364		LABORATORY TEST RESULTS						Date: 12/16/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADGS				ATTN: Eric Ellis					
Customer Sample ID: ASYmw-003-GW Date Sampled.....: 12/01/2004 Time Sampled.....: 13:30 Sample Matrix.....: Water			Laboratory Sample ID: 232364-9 Date Received.....: 12/02/2004 Time Received.....: 09:45									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.60		U	0.18	0.60	1.00000	ug/L	137237		12/07/04 2139	bjt
	Aroclor 1221	1.3		U	0.42	1.3	1.00000	ug/L	137237		12/07/04 2139	bjt
	Aroclor 1232	1.3		U	0.35	1.3	1.00000	ug/L	137237		12/07/04 2139	bjt
	Aroclor 1242	1.3		U	0.43	1.3	1.00000	ug/L	137237		12/07/04 2139	bjt
	Aroclor 1248	1.5		U	0.48	1.5	1.00000	ug/L	137237		12/07/04 2139	bjt
	Aroclor 1254	1.3		U	0.35	1.3	1.00000	ug/L	137237		12/07/04 2139	bjt
	Aroclor 1260	0.60		U	0.17	0.60	1.00000	ug/L	137237		12/07/04 2139	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/16/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ACCS

ATTN: Eric Elits

Customer Sample ID: ASYmw-003-GW
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 13:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-9
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Carbon disulfide	5.0	U	*	0.20	5.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	136228		12/03/04 1235	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	136228		12/03/04 1235	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	136228		12/03/04 1235	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	136228		12/03/04 1235	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	136228		12/03/04 1235	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS		Date: 12/16/2004										
Job Number: 232364		PROJECT: USACE RVAAP 14 AGCS							ATTN: Eric Ellis			
Customer Sample ID: ASYmw-003-BW		Laboratory Sample ID: 232364-9										
Date Sampled: 12/01/2004		Date Received: 12/02/2004										
Time Sampled: 13:30		Time Received: 09:45										
Sample Matrix: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	136228		12/03/04 1235	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232364						Date: 12/17/2004						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USAGE RVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: ASYMW-003-GW Date Sampled.....: 12/01/2004 Time Sampled.....: 13:30 Sample Matrix.....: Water						Laboratory Sample ID: 232364-9 Date Received.....: 12/02/2004 Time Received.....: 09:45						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	5.1	U		0.36	5.1	1.00000	ug/L	136557		12/08/04 1818	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.44	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.36	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	136557		12/08/04 1818	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.51	U		0.083	0.51	1.00000	ug/L	136557		12/08/04 1818	dpk
	Hexachloroethane, Low Level Water	5.1	U		0.62	5.1	1.00000	ug/L	136557		12/08/04 1818	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.10	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	2-Chlorophenol, Low Level Water	5.1	U		0.12	5.1	1.00000	ug/L	136557		12/08/04 1818	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	Benzoic acid, Low Level Water	20	U		3.1	20	1.00000	ug/L	136557		12/08/04 1818	dpk
	Isophorone, Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	136557		12/08/04 1818	dpk
	Hexachlorobutadiene, Low Level Water	5.1	U		0.65	5.1	1.00000	ug/L	136557		12/08/04 1818	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.93	10	1.00000	ug/L	136557		12/08/04 1818	dpk
	4-Chloroaniline, Low Level Water	10	U		2.9	10	1.00000	ug/L	136557		12/08/04 1818	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.1	U		0.21	5.1	1.00000	ug/L	136557		12/08/04 1818	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	136557		12/08/04 1818	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.66	20	1.00000	ug/L	136557		12/08/04 1818	dpk
	2-Methylnaphthalene, Low Level Water	0.51	U		0.13	0.51	1.00000	ug/L	136557		12/08/04 1818	dpk
	2-Nitroaniline, Low Level Water	5.1	U		0.22	5.1	1.00000	ug/L	136557		12/08/04 1818	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/17/2004

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RMAAP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: ASYmw-003-GW
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 13:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-9
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U		2.4	10	1.00000	ug/L	136557		12/08/04 1818	dpk
	2,6-Dinitrotoluene, Low Level Water	0.51	U		0.11	0.51	1.00000	ug/L	136557		12/08/04 1818	dpk
	2-Nitrophenol, Low Level Water	10	U		0.84	10	1.00000	ug/L	136557		12/08/04 1818	dpk
	3-Nitroaniline, Low Level Water	10	U		2.1	10	1.00000	ug/L	136557		12/08/04 1818	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.4	20	1.00000	ug/L	136557		12/08/04 1818	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	4-Nitrophenol, Low Level Water	20	U		3.8	20	1.00000	ug/L	136557		12/08/04 1818	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	4-Nitroaniline, Low Level Water	10	U		2.3	10	1.00000	ug/L	136557		12/08/04 1818	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.1	U		0.19	5.1	1.00000	ug/L	136557		12/08/04 1818	dpk
	Hexachlorobenzene, Low Level Water	0.51	U		0.099	0.51	1.00000	ug/L	136557		12/08/04 1818	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.1	U		0.77	5.1	1.00000	ug/L	136557		12/08/04 1818	dpk
	Pentachlorophenol, Low Level Water	10	U		1.7	10	1.00000	ug/L	136557		12/08/04 1818	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	136557		12/08/04 1818	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	Carbazole, Low Level Water	5.1	U		0.30	5.1	1.00000	ug/L	136557		12/08/04 1818	dpk
	Di-n-butyl phthalate, Low Level Water	5.1	U		0.37	5.1	1.00000	ug/L	136557		12/08/04 1818	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.40	2.0	1.00000	ug/L	136557		12/08/04 1818	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.050	0.20	1.00000	ug/L	136557		12/08/04 1818	dpk
	Chrysene, Low Level Water	0.51	U		0.046	0.51	1.00000	ug/L	136557		12/08/04 1818	dpk

* In Description = Dry Wgt.

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Job Number: 232364		LABORATORY TEST RESULTS						Date: 12/17/2004					
CUSTOMER: MKK Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS			ATTN: Eric Ellis							
Customer Sample ID: ASYmw-003-GW Date Sampled.....: 12/01/2004 Time Sampled.....: 13:30 Sample Matrix.....: Water			Laboratory Sample ID: 232364-9 Date Received.....: 12/02/2004 Time Received.....: 09:45										
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
	3,3-Dichlorobenzidine, Low Level Water	5.1	U		0.73	5.1	1.00000	ug/L	136557		12/08/04 1818	dpk	
	Bis(2-ethylhexyl)phthalate, Low Level Water	58			4.0	15	1.00000	ug/L	136557		12/08/04 1818	dpk	
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	136557		12/08/04 1818	dpk	
	Benzo(b)fluoranthene, Low Level Water	0.41	U		0.068	0.41	1.00000	ug/L	136557		12/08/04 1818	dpk	
	Benzo(k)fluoranthene, Low Level Water	0.41	U		0.073	0.41	1.00000	ug/L	136557		12/08/04 1818	dpk	
	Benzo(a)pyrene, Low Level Water	0.41	U		0.086	0.41	1.00000	ug/L	136557		12/08/04 1818	dpk	
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.41	U		0.088	0.41	1.00000	ug/L	136557		12/08/04 1818	dpk	
	Dibenzo(a,h)anthracene, Low Level Water	0.41	U		0.13	0.41	1.00000	ug/L	136557		12/08/04 1818	dpk	
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.19	1.0	1.00000	ug/L	136557		12/08/04 1818	dpk	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/17/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ADDS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-003-GW
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 13:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-9
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.59	U		0.13	0.59	1.00000	ug/L	137332		12/04/04 0659	bdw
	RDX	0.38	U		0.12	0.38	1.00000	ug/L	137332		12/04/04 0659	bdw
	1,3,5-Trinitrobenzene	0.38	U		0.11	0.38	1.00000	ug/L	137332		12/04/04 0659	bdw
	1,3-Dinitrobenzene	0.38	U		0.11	0.38	1.00000	ug/L	137332		12/04/04 0659	bdw
	Nitrobenzene	0.31	U		0.084	0.31	1.00000	ug/L	137332		12/04/04 0659	bdw
	2,4,6-TNT	0.48	U		0.15	0.48	1.00000	ug/L	137332		12/04/04 0659	bdw
	Tetryl	1.5	U		0.31	1.5	1.00000	ug/L	137332		12/04/04 0659	bdw
	2,4-Dinitrotoluene	0.69	U		0.23	0.69	1.00000	ug/L	137332		12/04/04 0659	bdw
	2,6-Dinitrotoluene	0.82	U		0.27	0.82	1.00000	ug/L	137332		12/04/04 0659	bdw
	2-Amino-4,6-Dinitrotoluene	0.69	U		0.23	0.69	1.00000	ug/L	137332		12/04/04 0659	bdw
	4-Amino-2,6-Dinitrotoluene	0.63	U		0.22	0.63	1.00000	ug/L	137332		12/04/04 0659	bdw
	2-Nitrotoluene	0.59	U		0.18	0.59	1.00000	ug/L	137332		12/04/04 0659	bdw
	4-Nitrotoluene	0.59	U		0.19	0.59	1.00000	ug/L	137332		12/04/04 0659	bdw
3-Nitrotoluene	0.59	U		0.19	0.59	1.00000	ug/L	137332		12/04/04 0659	bdw	
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.9	U		0.29	1.9	1.00000	ug/L	137338		12/03/04 0431	bdw

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: ASYmw-003-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L020243-004 Work Order #...: GX5EQ1AC
Date Sampled...: 12/01/04 13:30 Date Received...: 12/02/04
Prep Date...: 12/08/04 Analysis Date...: 12/09/04
Prep Batch #...: 4342544
Dilution Factor: 1 Initial Wgt/Vol: 10 mL

Matrix.....: WATER

Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: ASYmw-003-GW

General Chemistry

Lot-Sample #...: G4L020243-004
Date Sampled...: 12/01/04

Work Order #...: GX5EQ
Date Received...: 12/02/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	12/13-12/15/04	4348530
		MDL.....: 0.12				

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LABORATORY TEST RESULTS												
Job Number: 232364				Date: 12/27/2004								
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: ASYMW-003-DUP Date Sampled.....: 12/01/2004 Time Sampled.....: 13:30 Sample Matrix.....: Water						Laboratory Sample ID: 232364-10 Date Received.....: 12/02/2004 Time Received.....: 09:45						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7196A	Hexavalent Chromium Hexavalent Chromium	0.0043		B	0.0016	0.010	1	mg/L	135940		12/02/04 1238	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/22/2004

Job Number: 232364

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-003-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 13:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-10
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5		U	2.5	7.5	1	ug/L	136351		12/06/04 1942	daj
7060A	Arsenic (GFAA) Arsenic	8.4			0.51	2.0	1	ug/L	136355		12/06/04 2107	daj
7421	Lead (GFAA) Lead	3.0		U	0.79	3.0	1	ug/L	136730		12/09/04 1103	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	136346		12/07/04 0422	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	137125		12/14/04 1453	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150		U	24	150	1	ug/L	137184		12/15/04 1820	tds
	Barium	32			1.3	10	1	ug/L	137184		12/15/04 1820	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	137184		12/15/04 1820	tds
	Cadmium	0.27		B	0.25	2.0	1	ug/L	137184		12/15/04 1820	tds
	Calcium	200000			9.5	100	1	ug/L	137184		12/15/04 1820	tds
	Chromium	10		U	1.1	10	1	ug/L	137184		12/15/04 1820	tds
	Cobalt	2.3		B	0.80	5.0	1	ug/L	137184		12/15/04 1820	tds
	Copper	10		U	2.2	10	1	ug/L	137184		12/15/04 1820	tds
	Iron	2300			38	120	1	ug/L	137184		12/15/04 1820	tds
	Magnesium	71000			8.1	100	1	ug/L	137184		12/15/04 1820	tds
	Manganese	610			0.41	10	1	ug/L	137184		12/15/04 1820	tds
	Nickel	3.3		B	1.0	10	1	ug/L	137184		12/15/04 1820	tds
	Potassium	3200			66	500	1	ug/L	137184		12/15/04 1820	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232364						Date: 12/22/2004						
CUSTOMER: MKM Engineers, Inc.						PROJECT: USACE RYANP 14 AOCs			ATTN: Eric Ellis			
Customer Sample ID: ASYMW-003-DUP Date Sampled.....: 12/01/2004 Time Sampled.....: 13:30 Sample Matrix.....: Water						Laboratory Sample ID: 232364-10 Date Received.....: 12/02/2004 Time Received.....: 09:45						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	137184		12/15/04 1820	tds
	Silver	10	U		0.72	10	1	ug/L	137184		12/15/04 1820	tds
	Sodium	24000			490	1500	1	ug/L	137184		12/15/04 1820	tds
	Vanadium	10	U		1.0	10	1	ug/L	137184		12/15/04 1820	tds
	Zinc	11	B		1.6	30	1	ug/L	137184		12/15/04 1820	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/16/2004

CUSTOMER: HCN Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-003-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 13:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-10
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.046	0.15	1.00000	ug/L	137225		12/15/04 0724	kdL
	beta-BHC	0.097	U		0.027	0.097	1.00000	ug/L	137225		12/15/04 0724	kdL
	delta-BHC	0.097	U		0.024	0.097	1.00000	ug/L	137225		12/15/04 0724	kdL
	gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	137225		12/15/04 0724	kdL
	Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	137225		12/15/04 0724	kdL
	Aldrin	0.097	U		0.027	0.097	1.00000	ug/L	137225		12/15/04 0724	kdL
	Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	137225		12/15/04 0724	kdL
	Endosulfan I	0.097	U		0.020	0.097	1.00000	ug/L	137225		12/15/04 0724	kdL
	Dieldrin	0.097	U		0.017	0.097	1.00000	ug/L	137225		12/15/04 0724	kdL
	4,4'-DDE	0.097	U		0.022	0.097	1.00000	ug/L	137225		12/15/04 0724	kdL
	Endrin	0.097	U		0.017	0.097	1.00000	ug/L	137225		12/15/04 0724	kdL
	Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	137225		12/15/04 0724	kdL
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	137225		12/15/04 0724	kdL
	Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	137225		12/15/04 0724	kdL
	4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	137225		12/15/04 0724	kdL
	Methoxychlor	0.58	U		0.17	0.58	1.00000	ug/L	137225		12/15/04 0724	kdL
	alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	137225		12/15/04 0724	kdL
	gamma-Chlordane	0.097	U		0.017	0.097	1.00000	ug/L	137225		12/15/04 0724	kdL
	Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	137225		12/15/04 0724	kdL
	Endrin ketone	0.097	U		0.028	0.097	1.00000	ug/L	137225		12/15/04 0724	kdL
	Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	137225		12/15/04 0724	kdL

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232364								Date: 12/16/2004				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP T4 ADDS				ATTN: Eric Ellis				
Customer Sample ID: ASYm-003-DUP Date Sampled.....: 12/01/2004 Time Sampled.....: 13:30 Sample Matrix.....: Water						Laboratory Sample ID: 232364-10 Date Received.....: 12/02/2004 Time Received.....: 09:45						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.58	U		0.17	0.58	1.00000	ug/L	137237		12/07/04 2253	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	137237		12/07/04 2253	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	137237		12/07/04 2253	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	137237		12/07/04 2253	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	137237		12/07/04 2253	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	137237		12/07/04 2253	bjt
	Aroclor 1260	0.58	U		0.17	0.58	1.00000	ug/L	137237		12/07/04 2253	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/16/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: ASYM-003-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 13:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-10
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
82608	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	1,1-Dichloroethane	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Carbon disulfide	5.0	U	*	0.20	5.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	136228		12/03/04 1342	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	136228		12/03/04 1342	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	136228		12/03/04 1342	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	136228		12/03/04 1342	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	136228		12/03/04 1342	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											Date: 12/16/2004	
Job Number: 232364				PROJECT: USACE RYAAP 14 ACES				ATTN: Eric Ellis				
Customer Sample ID: ASYmw-003-DUP Date Sampled.....: 12/01/2004 Time Sampled.....: 13:30 Sample Matrix.....: Water						Laboratory Sample ID: 232364-10 Date Received.....: 12/02/2004 Time Received.....: 09:45						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0		U	0.060	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	1,2-Dibromoethane (EDB)	1.0		U	0.13	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Chlorobenzene	1.0		U	0.080	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Ethylbenzene	1.0		U	0.070	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	m&p-Xylenes	2.0		U	0.18	2.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	o-Xylene	1.0		U	0.080	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Styrene	1.0		U	0.13	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Bromoform	1.0		U	0.11	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	1,1,2,2-Tetrachloroethane	1.0		U	0.090	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	1,2-Dichloroethene (total)	1.0		U	0.23	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj
	Xylenes (total)	1.0		U	0.28	1.0	1.00000	ug/L	136228		12/03/04 1342	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/17/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-003-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 13:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-10
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	5.0	U		0.35	5.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	136557		12/08/04 1841	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.50	U		0.081	0.50	1.00000	ug/L	136557		12/08/04 1841	dpk
	Hexachloroethane, Low Level Water	5.0	U		0.61	5.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.10	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	2-Chlorophenol, Low Level Water	5.0	U		0.12	5.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	136557		12/08/04 1841	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	136557		12/08/04 1841	dpk
	Hexachlorobutadiene, Low Level Water	5.0	U		0.64	5.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.91	10	1.00000	ug/L	136557		12/08/04 1841	dpk
	4-Chloroaniline, Low Level Water	10	U		2.8	10	1.00000	ug/L	136557		12/08/04 1841	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.0	U		0.21	5.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	136557		12/08/04 1841	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.65	20	1.00000	ug/L	136557		12/08/04 1841	dpk
	2-Methylnaphthalene, Low Level Water	0.50	U		0.13	0.50	1.00000	ug/L	136557		12/08/04 1841	dpk
	2-Nitroaniline, Low Level Water	5.0	U		0.22	5.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											
Job Number: 232364				Date: 12/17/2004							
CUSTOMER: HKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis			
Customer Sample ID: ASYmw-003-DUP Date Sampled.....: 12/01/2004 Time Sampled.....: 13:30 Sample Matrix.....: Water						Laboratory Sample ID: 232364-10 Date Received.....: 12/02/2004 Time Received.....: 09:45					
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	10	U	2.4	10	1.00000	ug/L	136557		12/08/04 1841	dpk
	2,6-Dinitrotoluene, Low Level Water	0.50	U	0.11	0.50	1.00000	ug/L	136557		12/08/04 1841	dpk
	2-Nitrophenol, Low Level Water	10	U	0.82	10	1.00000	ug/L	136557		12/08/04 1841	dpk
	3-Nitroaniline, Low Level Water	10	U	2.1	10	1.00000	ug/L	136557		12/08/04 1841	dpk
	Dimethyl phthalate, Low Level Water	2.0	U	0.21	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	2,4-Dinitrophenol, Low Level Water	20	U	3.3	20	1.00000	ug/L	136557		12/08/04 1841	dpk
	Acenaphthylene, Low Level Water	1.0	U	0.12	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U	0.13	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Acenaphthene, Low Level Water	1.0	U	0.12	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Dibenzofuran, Low Level Water	2.0	U	0.13	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	4-Nitrophenol, Low Level Water	20	U	3.7	20	1.00000	ug/L	136557		12/08/04 1841	dpk
	Fluorene, Low Level Water	1.0	U	0.13	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	4-Nitroaniline, Low Level Water	10	U	2.3	10	1.00000	ug/L	136557		12/08/04 1841	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.0	U	0.19	5.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Hexachlorobenzene, Low Level Water	0.50	U	0.097	0.50	1.00000	ug/L	136557		12/08/04 1841	dpk
	Diethyl phthalate, Low Level Water	2.0	U	0.15	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.0	U	0.75	5.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Pentachlorophenol, Low Level Water	10	U	1.7	10	1.00000	ug/L	136557		12/08/04 1841	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U	0.13	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U	2.4	20	1.00000	ug/L	136557		12/08/04 1841	dpk
	Phenanthrene, Low Level Water	1.0	U	0.14	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Anthracene, Low Level Water	1.0	U	0.15	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Carbazole, Low Level Water	5.0	U	0.29	5.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Di-n-butyl phthalate, Low Level Water	5.0	U	0.36	5.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Fluoranthene, Low Level Water	1.0	U	0.14	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Pyrene, Low Level Water	1.0	U	0.12	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U	0.39	2.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U	0.049	0.20	1.00000	ug/L	136557		12/08/04 1841	dpk
	Chrysene, Low Level Water	0.50	U	0.045	0.50	1.00000	ug/L	136557		12/08/04 1841	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/17/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-003-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 13:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-10
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.0	U		0.72	5.0	1.00000	ug/L	136557		12/08/04 1841	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.9	15	1.00000	ug/L	136557		12/08/04 1841	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.5	10	1.00000	ug/L	136557		12/08/04 1841	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40	U		0.067	0.40	1.00000	ug/L	136557		12/08/04 1841	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40	U		0.072	0.40	1.00000	ug/L	136557		12/08/04 1841	dpk
	Benzo(a)pyrene, Low Level Water	0.40	U		0.084	0.40	1.00000	ug/L	136557		12/08/04 1841	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40	U		0.086	0.40	1.00000	ug/L	136557		12/08/04 1841	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40	U		0.13	0.40	1.00000	ug/L	136557		12/08/04 1841	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.19	1.0	1.00000	ug/L	136557		12/08/04 1841	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/17/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-003-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 13:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-10
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.49	U		0.11	0.49	1.00000	ug/L	137332		12/04/04 0836	bdw
	RDX	0.31	U		0.10	0.31	1.00000	ug/L	137332		12/04/04 0836	bdw
	1,3,5-Trinitrobenzene	0.31	U		0.091	0.31	1.00000	ug/L	137332		12/04/04 0836	bdw
	1,3-Dinitrobenzene	0.31	U		0.086	0.31	1.00000	ug/L	137332		12/04/04 0836	bdw
	Nitrobenzene	0.25	U		0.069	0.25	1.00000	ug/L	137332		12/04/04 0836	bdw
	2,4,6-TNT	0.39	U		0.12	0.39	1.00000	ug/L	137332		12/04/04 0836	bdw
	Tetryl	1.2	U		0.26	1.2	1.00000	ug/L	137332		12/04/04 0836	bdw
	2,4-Dinitrotoluene	0.56	U		0.19	0.56	1.00000	ug/L	137332		12/04/04 0836	bdw
	2,6-Dinitrotoluene	0.67	U		0.22	0.67	1.00000	ug/L	137332		12/04/04 0836	bdw
	2-Amino-4,6-Dinitrotoluene	0.56	U		0.19	0.56	1.00000	ug/L	137332		12/04/04 0836	bdw
	4-Amino-2,6-Dinitrotoluene	0.52	U		0.18	0.52	1.00000	ug/L	137332		12/04/04 0836	bdw
	2-Nitrotoluene	0.49	U		0.15	0.49	1.00000	ug/L	137332		12/04/04 0836	bdw
	4-Nitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	137332		12/04/04 0836	bdw
	3-Nitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	137332		12/04/04 0836	bdw
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.6	U		0.24	1.6	1.00000	ug/L	137338		12/03/04 0653	bdw

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: ASYmw-003-DUP

Trace Level Organic Compounds

Lot-Sample #....: G4L020243-005 Work Order #....: GX5ER1AC
Date Sampled....: 12/01/04 13:30 Date Received...: 12/02/04
Prep Date.....: 12/08/04 Analysis Date...: 12/09/04
Prep Batch #....: 4342544
Dilution Factor: 1 Initial Wgt/Vol: 10 mL

Matrix.....: WATER

Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: ASYmw-003-DUP

General Chemistry

Lot-Sample #...: G4L020243-005
Date Sampled...: 12/01/04

Work Order #...: GX5ER
Date Received...: 12/02/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	12/13-12/15/04	4348530
		MDL.....: 0.12				

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Job Number: 232497 LABORATORY TEST RESULTS Date: 01/04/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: ASYmw-004-GW
 Date Sampled.....: 12/06/2004
 Time Sampled.....: 15:15
 Sample Matrix.....: Water

Laboratory Sample ID: 232497-10
 Date Received.....: 12/07/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7196A	Hexavalent Chromium Hexavalent Chromium	0.010		U	0.0016	0.010	1	mg/L	136386		12/07/04 1257	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232478 Date: 12/22/2004

CUSTOMER: HGM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellits

Customer Sample ID: ASYmw-004-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 14:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-6
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	3.0	B		2.5	7.5	1	ug/L	136643		12/08/04 1524	daj
7060A	Arsenic (GFAA) Arsenic	22			0.51	2.0	1	ug/L	136622		12/08/04 1647	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	136730		12/09/04 1634	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	136776		12/09/04 1344	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137125		12/14/04 1513	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	137508		12/19/04 0509	tds
	Barium	20			1.3	10	1	ug/L	137508		12/19/04 0509	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	137508		12/19/04 0509	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	137508		12/19/04 0509	tds
	Calcium	160000			9.5	100	1	ug/L	137508		12/19/04 0509	tds
	Chromium	10	U		1.1	10	1	ug/L	137508		12/19/04 0509	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	137508		12/19/04 0509	tds
	Copper	10	U		2.2	10	1	ug/L	137508		12/19/04 0509	tds
	Iron	1700			38	120	1	ug/L	137508		12/19/04 0509	tds
	Magnesium	73000			8.1	100	1	ug/L	137508		12/19/04 0509	tds
	Manganese	240			0.41	10	1	ug/L	137508		12/19/04 0509	tds
	Nickel	10	U		1.0	10	1	ug/L	137508		12/19/04 0509	tds
	Potassium	4400			66	500	1	ug/L	137508		12/19/04 0509	tds

* In Description = Dry Wgt.

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Job Number: 232478		LABORATORY TEST RESULTS						Date: 12/22/2004				
CUSTOMER: MKN Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: ASYm-004-GW Date Sampled.....: 12/03/2004 Time Sampled.....: 14:45 Sample Matrix.....: Water			Laboratory Sample ID: 232478-6 Date Received.....: 12/06/2004 Time Received.....: 09:20									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FCAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	3.2	B		3.0	15	1	ug/L	137508		12/19/04 0509	tds
	Silver	10	U		0.72	10	1	ug/L	137508		12/19/04 0509	tds
	Sodium	45000			490	1500	1	ug/L	137508		12/19/04 0509	tds
	Vanadium	10	U		1.0	10	1	ug/L	137508		12/19/04 0509	tds
	Zinc	5.4	B		1.6	30	1	ug/L	137508		12/19/04 0509	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											Date: 12/20/2004	
Job Number: 232478				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: ASYMW-004-GW Date Sampled.....: 12/03/2004 Time Sampled.....: 14:45 Sample Matrix.....: Water						Laboratory Sample ID: 232478-6 Date Received.....: 12/06/2004 Time Received.....: 09:20						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.046	0.15	1.00000	ug/L	137532		12/15/04 1316	kdL
	beta-BHC	0.097	U		0.027	0.097	1.00000	ug/L	137532		12/15/04 1316	kdL
	delta-BHC	0.097	U		0.024	0.097	1.00000	ug/L	137532		12/15/04 1316	kdL
	gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	137532		12/15/04 1316	kdL
	Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	137532		12/15/04 1316	kdL
	Aldrin	0.097	U		0.027	0.097	1.00000	ug/L	137532		12/15/04 1316	kdL
	Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	137532		12/15/04 1316	kdL
	Endosulfan I	0.097	U		0.020	0.097	1.00000	ug/L	137532		12/15/04 1316	kdL
	Dieldrin	0.097	U		0.017	0.097	1.00000	ug/L	137532		12/15/04 1316	kdL
	4,4'-DDE	0.097	U		0.022	0.097	1.00000	ug/L	137532		12/15/04 1316	kdL
	Endrin	0.097	U		0.017	0.097	1.00000	ug/L	137532		12/15/04 1316	kdL
	Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	137532		12/15/04 1316	kdL
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	137532		12/15/04 1316	kdL
	Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	137532		12/15/04 1316	kdL
	4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	137532		12/15/04 1316	kdL
	Methoxychlor	0.58	U		0.17	0.58	1.00000	ug/L	137532		12/15/04 1316	kdL
	alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	137532		12/15/04 1316	kdL
	gamma-Chlordane	0.097	U		0.017	0.097	1.00000	ug/L	137532		12/15/04 1316	kdL
	Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	137532		12/15/04 1316	kdL
	Endrin ketone	0.097	U		0.028	0.097	1.00000	ug/L	137532		12/15/04 1316	kdL
	Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	137532		12/15/04 1316	kdL

* In Description = Dry Wgt.

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Job Number: 232478		LABORATORY TEST RESULTS						Date: 12/17/2004				
CUSTOMER: MKK Engineers, Inc.			PROJECT: USACE RVAMP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: ASYmw-004-GW Date Sampled.....: 12/03/2004 Time Sampled.....: 14:45 Sample Matrix.....: Water			Laboratory Sample ID: 232478-6 Date Received.....: 12/06/2004 Time Received.....: 09:20									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.58	U		0.17	0.58	1.00000	ug/L	137383		12/15/04 1915	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	137383		12/15/04 1915	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	137383		12/15/04 1915	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	137383		12/15/04 1915	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	137383		12/15/04 1915	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	137383		12/15/04 1915	bjt
	Aroclor 1260	0.58	U		0.17	0.58	1.00000	ug/L	137383		12/15/04 1915	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232478

Date: 12/18/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USADE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-004-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 14:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-6
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	137286		12/16/04 0028	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	137286		12/16/04 0028	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	137286		12/16/04 0028	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	137286		12/16/04 0028	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0028	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	137286		12/16/04 0028	jdj

* In Description = Dry Wgt.

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Job Number: 232478 LABORATORY TEST RESULTS Date: 12/18/2004

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOC5 ATTN: Eric Ellis

Customer Sample ID: ASYMW-004-GW Laboratory Sample ID: 232478-6
 Date Sampled.....: 12/03/2004 Date Received.....: 12/06/2004
 Time Sampled.....: 14:45 Time Received.....: 09:20
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	137286		12/16/04 0028	jdh
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	137286		12/16/04 0028	jdh
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0028	jdh
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	137286		12/16/04 0028	jdh
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	137286		12/16/04 0028	jdh
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0028	jdh
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	137286		12/16/04 0028	jdh
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	137286		12/16/04 0028	jdh
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0028	jdh
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	137286		12/16/04 0028	jdh
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	137286		12/16/04 0028	jdh

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232478

Date: 12/20/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-004-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 14:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-6
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.8	U		0.34	4.8	1.00000	ug/L	137499		12/13/04 0455	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.41	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.34	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	137499		12/13/04 0455	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.48	U		0.078	0.48	1.00000	ug/L	137499		12/13/04 0455	dpk
	Hexachloroethane, Low Level Water	4.8	U		0.59	4.8	1.00000	ug/L	137499		12/13/04 0455	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.096	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	2-Chlorophenol, Low Level Water	4.8	U		0.12	4.8	1.00000	ug/L	137499		12/13/04 0455	dpk
	Nitrobenzene, Low Level Water	0.96	U		0.15	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	137499		12/13/04 0455	dpk
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	2,4-Dimethylphenol, Low Level Water	9.6	U		1.2	9.6	1.00000	ug/L	137499		12/13/04 0455	dpk
	Hexachlorobutadiene, Low Level Water	4.8	U		0.62	4.8	1.00000	ug/L	137499		12/13/04 0455	dpk
	Naphthalene, Low Level Water	0.96	U		0.15	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk
	2,4-Dichlorophenol, Low Level Water	9.6	U		0.87	9.6	1.00000	ug/L	137499		12/13/04 0455	dpk
	4-Chloroaniline, Low Level Water	9.6	U		2.7	9.6	1.00000	ug/L	137499		12/13/04 0455	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.8	U		0.20	4.8	1.00000	ug/L	137499		12/13/04 0455	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.6	U		1.3	9.6	1.00000	ug/L	137499		12/13/04 0455	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U	*	0.62	19	1.00000	ug/L	137499		12/13/04 0455	dpk
	2-Methylnaphthalene, Low Level Water	0.48	U		0.12	0.48	1.00000	ug/L	137499		12/13/04 0455	dpk
	2-Nitroaniline, Low Level Water	4.8	U		0.21	4.8	1.00000	ug/L	137499		12/13/04 0455	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232478

Date: 12/20/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RYANP 14 AOCs

ATTN: Eric Elits

Customer Sample ID: ASYmw-004-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 14:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-6
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.6	U		2.3	9.6	1.00000	ug/L	137499		12/13/04 0455	dpk
	2,6-Dinitrotoluene, Low Level Water	0.48	U		0.11	0.48	1.00000	ug/L	137499		12/13/04 0455	dpk
	2-Nitrophenol, Low Level Water	9.6	U		0.79	9.6	1.00000	ug/L	137499		12/13/04 0455	dpk
	3-Nitroaniline, Low Level Water	9.6	U		2.0	9.6	1.00000	ug/L	137499		12/13/04 0455	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.2	19	1.00000	ug/L	137499		12/13/04 0455	dpk
	Acenaphthylene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk
	2,4-Dinitrotoluene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk
	Acenaphthene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.12	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	4-Nitrophenol, Low Level Water	19	U		3.6	19	1.00000	ug/L	137499		12/13/04 0455	dpk
	Fluorene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk
	4-Nitroaniline, Low Level Water	9.6	U		2.2	9.6	1.00000	ug/L	137499		12/13/04 0455	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.8	U		0.18	4.8	1.00000	ug/L	137499		12/13/04 0455	dpk
	Hexachlorobenzene, Low Level Water	0.48	U		0.093	0.48	1.00000	ug/L	137499		12/13/04 0455	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.14	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.8	U		0.72	4.8	1.00000	ug/L	137499		12/13/04 0455	dpk
	Pentachlorophenol, Low Level Water	9.6	U		1.6	9.6	1.00000	ug/L	137499		12/13/04 0455	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	137499		12/13/04 0455	dpk
	Phenanthrene, Low Level Water	0.96	U		0.13	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk
	Anthracene, Low Level Water	0.96	U		0.14	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk
	Carbazole, Low Level Water	4.8	U		0.28	4.8	1.00000	ug/L	137499		12/13/04 0455	dpk
	Di-n-butyl phthalate, Low Level Water	4.8	U		0.35	4.8	1.00000	ug/L	137499		12/13/04 0455	dpk
	Fluoranthene, Low Level Water	0.96	U		0.13	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk
	Pyrene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.37	1.9	1.00000	ug/L	137499		12/13/04 0455	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.047	0.19	1.00000	ug/L	137499		12/13/04 0455	dpk
	Chrysene, Low Level Water	0.48	U		0.043	0.48	1.00000	ug/L	137499		12/13/04 0455	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232478

Date: 12/20/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-004-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 14:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-6
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.8	U		0.69	4.8	1.00000	ug/L	137499		12/13/04 0455	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U		3.7	14	1.00000	ug/L	137499		12/13/04 0455	dpk
	Di-n-octyl phthalate, Low Level Water	9.6	U		2.4	9.6	1.00000	ug/L	137499		12/13/04 0455	dpk
	Benzo(b)fluoranthene, Low Level Water	0.38	U		0.064	0.38	1.00000	ug/L	137499		12/13/04 0455	dpk
	Benzo(k)fluoranthene, Low Level Water	0.38	U		0.069	0.38	1.00000	ug/L	137499		12/13/04 0455	dpk
	Benzo(a)pyrene, Low Level Water	0.38	U		0.081	0.38	1.00000	ug/L	137499		12/13/04 0455	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.38	U		0.083	0.38	1.00000	ug/L	137499		12/13/04 0455	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.38	U		0.12	0.38	1.00000	ug/L	137499		12/13/04 0455	dpk
	Benzo(ghi)perylene, Low Level Water	0.96	U		0.18	0.96	1.00000	ug/L	137499		12/13/04 0455	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232478 Date: 12/21/2004

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: ASYmw-004-GW Laboratory Sample ID: 232478-6
 Date Sampled.....: 12/03/2004 Date Received.....: 12/06/2004
 Time Sampled.....: 14:45 Time Received.....: 09:20
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	NDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)										
	HMX	0.31	U	0.068	0.31	1.00000	ug/L	137544		12/15/04 1502	bdw
	RDX	0.20	U	0.064	0.20	1.00000	ug/L	137544		12/15/04 1502	bdw
	1,3,5-Trinitrobenzene	0.20	U	0.058	0.20	1.00000	ug/L	137544		12/15/04 1502	bdw
	1,3-Dinitrobenzene	0.20	U	0.055	0.20	1.00000	ug/L	137544		12/15/04 1502	bdw
	Nitrobenzene	0.16	U	0.044	0.16	1.00000	ug/L	137544		12/15/04 1502	bdw
	2,4,6-TNT	0.25	U	0.078	0.25	1.00000	ug/L	137544		12/15/04 1502	bdw
	Tetryl	0.78	U	0.16	0.78	1.00000	ug/L	137544		12/15/04 1502	bdw
	2,4-Dinitrotoluene	0.36	U	0.12	0.36	1.00000	ug/L	137544		12/15/04 1502	bdw
	2,6-Dinitrotoluene	0.43	U	0.14	0.43	1.00000	ug/L	137544		12/15/04 1502	bdw
	2-Amino-4,6-Dinitrotoluene	0.36	U	0.12	0.36	1.00000	ug/L	137544		12/15/04 1502	bdw
	4-Amino-2,6-Dinitrotoluene	0.33	U	0.11	0.33	1.00000	ug/L	137544		12/15/04 1502	bdw
	2-Nitrotoluene	0.31	U	0.093	0.31	1.00000	ug/L	137544		12/15/04 1502	bdw
	4-Nitrotoluene	0.31	U	0.10	0.31	1.00000	ug/L	137544		12/15/04 1502	bdw
3-Nitrotoluene	0.31	U	0.10	0.31	1.00000	ug/L	137544		12/15/04 1502	bdw	
8332M	NG/PETN by 8332M (HPLC)										
	Nitroglycerine	1.0	U	0.15	1.0	1.00000	ug/L	137545		12/09/04 0608	bdw

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: ASYmw-004-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L060183-004 Work Order #...: G0DE11AC Matrix.....: WATER
Date Sampled...: 12/03/04 14:45 Date Received...: 12/06/04
Prep Date.....: 12/08/04 Analysis Date...: 12/09/04
Prep Batch #...: 4342546
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: ASYmw-004-GW

General Chemistry

Lot-Sample #...: G4L060183-004
Date Sampled...: 12/03/04

Work Order #...: GODE1
Date Received...: 12/06/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	12/16-12/17/04	4352362
		MDL.....: 0.12				

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LABORATORY TEST RESULTS

Job Number: 232497

Date: 01/04/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RWAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-005-GW
 Date Sampled.....: 12/06/2004
 Time Sampled.....: 14:10
 Sample Matrix.....: Water

Laboratory Sample ID: 232497-9
 Date Received.....: 12/07/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7196A	Hexavalent Chromium Hexavalent Chromium	0.0048	B		0.0016	0.010	1	mg/L	136386		12/07/04 1257	pmf

* In Description = Dry Wgt.

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Job Number: 232497

LABORATORY TEST RESULTS

Date: 12/20/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAMP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: ASYMW-005-GW
 Date Sampled.....: 12/06/2004
 Time Sampled.....: 14:10
 Sample Matrix.....: Water

Laboratory Sample ID: 232497-9
 Date Received.....: 12/07/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	136643		12/08/04 2134	dej
7060A	Arsenic (GFAA) Arsenic	1.5	B		0.51	2.0	1	ug/L	136622		12/08/04 1922	dej
7421	Lead (GFAA) Lead	0.92	B		0.79	3.0	1	ug/L	136730		12/09/04 1928	dej
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	136776		12/09/04 1656	dej
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137144		12/14/04 1451	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	137508		12/19/04 0648	tds
	Barium	89	U		1.3	10	1	ug/L	137508		12/19/04 0648	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	137508		12/19/04 0648	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	137508		12/19/04 0648	tds
	Calcium	150000	U		9.5	100	1	ug/L	137508		12/19/04 0648	tds
	Chromium	10	U		1.1	10	1	ug/L	137508		12/19/04 0648	tds
	Cobalt	5.4	U		0.80	5.0	1	ug/L	137508		12/19/04 0648	tds
	Copper	10	U		2.2	10	1	ug/L	137508		12/19/04 0648	tds
	Iron	120	U		38	120	1	ug/L	137508		12/19/04 0648	tds
	Magnesium	45000	U		8.1	100	1	ug/L	137508		12/19/04 0648	tds
	Manganese	310	U		0.41	10	1	ug/L	137508		12/19/04 0648	tds
	Nickel	12	U		1.0	10	1	ug/L	137508		12/19/04 0648	tds
	Potassium	8200	U		66	500	1	ug/L	137508		12/19/04 0648	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232497 Date: 12/20/2004

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 ADCS ATTN: Eric Ellis

Customer Sample ID: ASYm-005-GW
 Date Sampled.....: 12/06/2004
 Time Sampled.....: 14:10
 Sample Matrix.....: Water

Laboratory Sample ID: 232497-9
 Date Received.....: 12/07/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	6.6		B	3.0	15	1	ug/L	137508		12/19/04 0648	tds
	Silver	10		U	0.72	10	1	ug/L	137508		12/19/04 0648	tds
	Sodium	87000			490	1500	1	ug/L	137508		12/19/04 0648	tds
	Vanadium	10		U	1.0	10	1	ug/L	137508		12/19/04 0648	tds
	Zinc	8.2		B	1.6	30	1	ug/L	137508		12/19/04 0648	tds

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LABORATORY TEST RESULTS

Date: 12/21/2004

Job Number: 232497

ATTN: Eric Ellis

PROJECT: USACE RVAAP 14 AOCs

CUSTOMER: MKM Engineers, Inc.

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 Time Sampled: 14:10
 Sample Matrix: Water

Laboratory Sample ID: 232497-9
 Date Received: 12/07/2004
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis	0.15	U		0.046	0.15	1.00000	ug/L	137734		12/15/04 0221	kdl
	alpha-BHC	0.098	U		0.027	0.098	1.00000	ug/L	137734		12/15/04 0221	kdl
	beta-BHC	0.098	U		0.025	0.098	1.00000	ug/L	137734		12/15/04 0221	kdl
	delta-BHC	0.15	U		0.041	0.15	1.00000	ug/L	137734		12/15/04 0221	kdl
	gamma-BHC (Lindane)	0.15	U		0.040	0.15	1.00000	ug/L	137734		12/15/04 0221	kdl
	Heptachlor	0.098	U		0.027	0.098	1.00000	ug/L	137734		12/15/04 0221	kdl
	Aldrin	0.15	U		0.035	0.15	1.00000	ug/L	137734		12/15/04 0221	kdl
	Heptachlor epoxide	0.098	U		0.021	0.098	1.00000	ug/L	137734		12/15/04 0221	kdl
	Endosulfan I	0.098	U		0.018	0.098	1.00000	ug/L	137734		12/15/04 0221	kdl
	Dieldrin	0.098	U		0.023	0.098	1.00000	ug/L	137734		12/15/04 0221	kdl
	4,4'-DDE	0.098	U		0.017	0.098	1.00000	ug/L	137734		12/15/04 0221	kdl
	Endrin	0.15	U		0.041	0.15	1.00000	ug/L	137734		12/15/04 0221	kdl
	Endosulfan II	0.11	U		0.035	0.11	1.00000	ug/L	137734		12/15/04 0221	kdl
	4,4'-DDD	0.15	U		0.043	0.15	1.00000	ug/L	137734		12/15/04 0221	kdl
	Endosulfan sulfate	0.15	U		0.048	0.15	1.00000	ug/L	137734		12/15/04 0221	kdl
	4,4'-DDT	0.59	U		0.17	0.59	1.00000	ug/L	137734		12/15/04 0221	kdl
	Methoxychlor	0.049	U		0.016	0.049	1.00000	ug/L	137734		12/15/04 0221	kdl
	alpha-Chlordane	0.098	U		0.017	0.098	1.00000	ug/L	137734		12/15/04 0221	kdl
	gamma-Chlordane	0.15	U		0.034	0.15	1.00000	ug/L	137734		12/15/04 0221	kdl
	Endrin aldehyde	0.098	U		0.028	0.098	1.00000	ug/L	137734		12/15/04 0221	kdl
Endrin ketone	0.49	U		0.14	0.49	1.00000	ug/L	137734		12/15/04 0221	kdl	
Toxaphene												

* In Description = Dry Wgt.

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Job Number: 232497		LABORATORY TEST RESULTS							Date: 12/20/2004			
CUSTOMER: MKM Engineers, Inc.					PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis				
Customer Sample ID: ASYmw-005-GW Date Sampled.....: 12/06/2004 Time Sampled.....: 14:10 Sample Matrix.....: Water					Laboratory Sample ID: 232497-9 Date Received.....: 12/07/2004 Time Received.....: 10:00							
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis	0.59		U	0.18	0.59	1.00000	ug/L	137555		12/14/04 2113	bjt
	Aroclor 1016	1.3		U	0.41	1.3	1.00000	ug/L	137555		12/14/04 2113	bjt
	Aroclor 1221	1.3		U	0.34	1.3	1.00000	ug/L	137555		12/14/04 2113	bjt
	Aroclor 1232	1.3		U	0.42	1.3	1.00000	ug/L	137555		12/14/04 2113	bjt
	Aroclor 1242	1.5		U	0.47	1.5	1.00000	ug/L	137555		12/14/04 2113	bjt
	Aroclor 1248	1.3		U	0.34	1.3	1.00000	ug/L	137555		12/14/04 2113	bjt
	Aroclor 1254	0.59		U	0.17	0.59	1.00000	ug/L	137555		12/14/04 2113	bjt
	Aroclor 1260											

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/18/2004

Job Number: 232497

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-005-GW
 Date Sampled.....: 12/06/2004
 Time Sampled.....: 14:10
 Sample Matrix.....: Water

Laboratory Sample ID: 232497-9
 Date Received.....: 12/07/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Vinyl chloride	1.0	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Bromomethane	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Chloroethane	1.0	U		0.12	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	1,1-Dichloroethene	1.0	U		0.20	5.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Carbon disulfide	5.0	U		1.8	10	1.00000	ug/L	137286		12/16/04 0439	jdj
	Acetone	10	U		0.35	1.5	1.00000	ug/L	137286		12/16/04 0439	jdj
	Methylene chloride	1.5	U		0.14	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	trans-1,2-Dichloroethene	1.0	U		0.11	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	1,1-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	cis-1,2-Dichloroethene	1.0	U		1.2	10	1.00000	ug/L	137286		12/16/04 0439	jdj
	2-Butanone (NEK)	10	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Bromochloromethane	1.0	U		0.11	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Chloroform	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	1,1,1-Trichloroethane	1.0	U		0.13	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Carbon tetrachloride	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	1,2-Dichloroethane	1.0	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Trichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	1,2-Dichloropropane	1.0	U		0.11	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Bromodichloromethane	1.0	U		0.12	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	cis-1,3-Dichloropropene	1.0	U		0.65	10	1.00000	ug/L	137286		12/16/04 0439	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Toluene	1.0	U		0.15	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	1,1,2-Trichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0439	jdj
	Tetrachloroethene	1.0	U		0.53	10	1.00000	ug/L	137286		12/16/04 0439	jdj
	2-Hexanone	10	U									

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS		Date: 12/18/2004									
Job Number: 232497		Date: 12/18/2004									
CUSTOMER: MKM Engineers, Inc.		PROJECT: USAGE RVAAP 14 AOGS									
CUSTOMER: MKM Engineers, Inc.		ATTN: Eric Ellis									
Customer Sample ID: ASYmw-005-GW		Laboratory Sample ID: 232497-9									
Date Sampled.....: 12/06/2004		Date Received.....: 12/07/2004									
Time Sampled.....: 14:10		Time Received.....: 10:00									
Sample Matrix.....: Water											
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q-FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U	0.060	1.0	1.00000	ug/L	137286		12/16/04 0439	jdh
	1,2-Dibromoethane (EDB)	1.0	U	0.13	1.0	1.00000	ug/L	137286		12/16/04 0439	jdh
	Chlorobenzene	1.0	U	0.080	1.0	1.00000	ug/L	137286		12/16/04 0439	jdh
	Ethylbenzene	1.0	U	0.070	1.0	1.00000	ug/L	137286		12/16/04 0439	jdh
	m&p-Xylenes	2.0	U	0.18	2.0	1.00000	ug/L	137286		12/16/04 0439	jdh
	o-Xylene	1.0	U	0.080	1.0	1.00000	ug/L	137286		12/16/04 0439	jdh
	Styrene	1.0	U	0.13	1.0	1.00000	ug/L	137286		12/16/04 0439	jdh
	Bromoform	1.0	U	0.11	1.0	1.00000	ug/L	137286		12/16/04 0439	jdh
	1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0	1.00000	ug/L	137286		12/16/04 0439	jdh
	1,2-Dichloroethene (total)	1.0	U	0.23	1.0	1.00000	ug/L	137286		12/16/04 0439	jdh
	Xylenes (total)	1.0	U	0.28	1.0	1.00000	ug/L	137286		12/16/04 0439	jdh

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/20/2004

Job Number: 232497

CUSTOMER: MCM Engineers, Inc.

PROJECT: USAGE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-DD5-GW
 Date Sampled.....: 12/06/2004
 Time Sampled.....: 14:10
 Sample Matrix.....: Water

Laboratory Sample ID: 232497-9
 Date Received.....: 12/07/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics	4.9		U	0.34	4.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Phenol, Low Level Water	1.9		U	0.29	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9		U	0.42	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9		U	0.32	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9		U	0.34	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9		U	2.1	19	1.00000	ug/L	137499		12/13/04 0840	dpk
	Benzyl alcohol, Low Level Water	19		U	0.25	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9		U	0.27	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9		U	0.079	0.49	1.00000	ug/L	137499		12/13/04 0840	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49		U	0.59	4.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Hexachloroethane, Low Level Water	4.9		U	0.097	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9		U	0.12	4.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	2-Chlorophenol, Low Level Water	4.9		U	0.16	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk
	Nitrobenzene, Low Level Water	0.97		U	0.30	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9		U	0.33	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9		U	2.9	19	1.00000	ug/L	137499		12/13/04 0840	dpk
	Benzoic acid, Low Level Water	19		U	0.25	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Isophorone, Low Level Water	1.9		U	1.3	9.7	1.00000	ug/L	137499		12/13/04 0840	dpk
	2,4-Dimethylphenol, Low Level Water	9.7		U	1.3	9.7	1.00000	ug/L	137499		12/13/04 0840	dpk
	Hexachlorobutadiene, Low Level Water	4.9		U	0.62	4.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Naphthalene, Low Level Water	0.97		U	0.16	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk
	2,4-Dichlorophenol, Low Level Water	9.7		U	0.88	9.7	1.00000	ug/L	137499		12/13/04 0840	dpk
	4-Chloroaniline, Low Level Water	9.7		U	2.7	9.7	1.00000	ug/L	137499		12/13/04 0840	dpk
	2,4,6-Trichlorophenol, Low Level Water	9.7		U	0.20	4.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.7		U	1.4	9.7	1.00000	ug/L	137499		12/13/04 0840	dpk
	Hexachlorocyclopentadiene, Low Level Water	19		U	0.63	19	1.00000	ug/L	137499		12/13/04 0840	dpk
	2-Methylnaphthalene, Low Level Water	0.49		U	0.13	0.49	1.00000	ug/L	137499		12/13/04 0840	dpk
	2-Nitroaniline, Low Level Water	4.9		U	0.21	4.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	2-Chloronaphthalene, Low Level Water	1.9		U	0.25	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/20/2004

Job Number: 232497

ATTN: Eric Ellis

PROJECT: USACE RYAAP 14 AGCS

CUSTOMER: MKM Engineers, Inc.

Laboratory Sample ID: 232497-9
 Date Received: 12/07/2004
 Time Received: 10:00

Customer Sample ID: ASYMW-005-GW
 Date Sampled: 12/06/2004
 Time Sampled: 14:10
 Sample Matrix: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.7	U		2.3	9.7	1.00000	ug/L	137499		12/13/04 0840	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	137499		12/13/04 0840	dpk
	2-Nitrophenol, Low Level Water	9.7	U		0.80	9.7	1.00000	ug/L	137499		12/13/04 0840	dpk
	3-Nitroaniline, Low Level Water	9.7	U		2.0	9.7	1.00000	ug/L	137499		12/13/04 0840	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.2	19	1.00000	ug/L	137499		12/13/04 0840	dpk
	Acenaphthylene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk
	2,4-Dinitrotoluene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk
	Acenaphthene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.13	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	4-Nitrophenol, Low Level Water	19	U		3.6	19	1.00000	ug/L	137499		12/13/04 0840	dpk
	Fluorene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk
	4-Nitroaniline, Low Level Water	9.7	U		2.2	9.7	1.00000	ug/L	137499		12/13/04 0840	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.18	4.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Hexachlorobenzene, Low Level Water	0.49	U		0.094	0.49	1.00000	ug/L	137499		12/13/04 0840	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.15	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.73	4.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Pentachlorophenol, Low Level Water	9.7	U		1.7	9.7	1.00000	ug/L	137499		12/13/04 0840	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	137499		12/13/04 0840	dpk
	Phenanthrene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk
	Anthracene, Low Level Water	0.97	U		0.15	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Fluoranthene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk
	Pyrene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.38	1.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.048	0.19	1.00000	ug/L	137499		12/13/04 0840	dpk
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	137499		12/13/04 0840	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/20/2004

Job Number: 232497

PROJECT: USACE RWAP 14 AGCS

ATTN: Eric Ellis

CUSTOMER: MKM Engineers, Inc.

Customer Sample ID: ASYmw-005-6W
 Date Sampled.....: 12/06/2004
 Time Sampled.....: 14:10
 Sample Matrix.....: Water

Laboratory Sample ID: 232497-9
 Date Received.....: 12/07/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.9	U		0.70	4.9	1.00000	ug/L	137499		12/13/04 0840	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	137499		12/13/04 0840	dpk
	Di-n-octyl phthalate, Low Level Water	9.7	U		2.4	9.7	1.00000	ug/L	137499		12/13/04 0840	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.065	0.39	1.00000	ug/L	137499		12/13/04 0840	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.070	0.39	1.00000	ug/L	137499		12/13/04 0840	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	137499		12/13/04 0840	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.083	0.39	1.00000	ug/L	137499		12/13/04 0840	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	137499		12/13/04 0840	dpk
	Benzo(ghi)perylene, Low Level Water	0.97	U		0.18	0.97	1.00000	ug/L	137499		12/13/04 0840	dpk

* In Description = Dry Wgt.

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Job Number: 232497		LABORATORY TEST RESULTS						Date: 12/21/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: ASYM-005-GW Date Sampled.....: 12/06/2004 Time Sampled.....: 14:10 Sample Matrix.....: Water			Laboratory Sample ID: 232497-9 Date Received.....: 12/07/2004 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8330	Explosives by 8330 (HPLC)											
	HMX	0.35	U	0.077	0.35	1.00000	ug/L	137651		12/15/04 2059	bdw	
	RDX	0.23	U	0.073	0.23	1.00000	ug/L	137651		12/15/04 2059	bdw	
	1,3,5-Trinitrobenzene	0.23	U	0.066	0.23	1.00000	ug/L	137651		12/15/04 2059	bdw	
	1,3-Dinitrobenzene	0.23	U	0.062	0.23	1.00000	ug/L	137651		12/15/04 2059	bdw	
	Nitrobenzene	0.18	U	0.050	0.18	1.00000	ug/L	137651		12/15/04 2059	bdw	
	2,4,6-TNT	0.28	U	0.088	0.28	1.00000	ug/L	137651		12/15/04 2059	bdw	
	Tetryl	0.88	U	0.19	0.88	1.00000	ug/L	137651		12/15/04 2059	bdw	
	2,4-Dinitrotoluene	0.41	U	0.14	0.41	1.00000	ug/L	137651		12/15/04 2059	bdw	
	2,6-Dinitrotoluene	0.49	U	0.16	0.49	1.00000	ug/L	137651		12/15/04 2059	bdw	
	2-Amino-4,6-Dinitrotoluene	0.41	U	0.13	0.41	1.00000	ug/L	137651		12/15/04 2059	bdw	
	4-Amino-2,6-Dinitrotoluene	0.37	U	0.13	0.37	1.00000	ug/L	137651		12/15/04 2059	bdw	
	2-Nitrotoluene	0.35	U	0.11	0.35	1.00000	ug/L	137651		12/15/04 2059	bdw	
	4-Nitrotoluene	0.35	U	0.11	0.35	1.00000	ug/L	137651		12/15/04 2059	bdw	
	3-Nitrotoluene	0.35	U	0.11	0.35	1.00000	ug/L	137651		12/15/04 2059	bdw	
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.1	U	0.17	1.1	1.00000	ug/L	137646		12/09/04 1052	bdw	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: ASYmw-005-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L070388-005 Work Order #...: G0GP21AC
Date Sampled...: 12/06/04 14:10 Date Received...: 12/07/04
Prep Date.....: 12/13/04 Analysis Date...: 12/14/04
Prep Batch #...: 4348574
Dilution Factor: 1 Initial Wgt/Vol: 10 mL

Matrix.....: WATER

Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: ASYmw-005-GW

General Chemistry

Lot-Sample #...: G4L070388-005
Date Sampled...: 12/06/04

Work Order #...: GOGP2
Date Received...: 12/07/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	12/16-12/17/04	4352362
		MDL.....: 0.12				

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Job Number: 232540		LABORATORY TEST RESULTS						Date: 01/03/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: ASYmw-006-GW Date Sampled.....: 12/07/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water				Laboratory Sample ID: 232540-15 Date Received.....: 12/08/2004 Time Received.....: 09:30								
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7196A	Hexavalent Chromium Hexavalent Chromium	0.0065	B		0.0016	0.010	1	mg/L	137656		12/08/04 1235	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232540						Date: 01/03/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USAGE RYMAP 14 ACCS				ATTN: Eric Ellis				
Customer Sample ID: ASYmw-006-GW Date Sampled: 12/07/2004 Time Sampled: 13:45 Sample Matrix: Water						Laboratory Sample ID: 232540-15 Date Received: 12/08/2004 Time Received: 09:30						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	137013		12/13/04 1503	daJ
7060A	Arsenic (GFAA) Arsenic	5.4			0.51	2.0	1	ug/L	136999		12/13/04 2045	daJ
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	137235		12/16/04 0642	daJ
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	137028		12/13/04 1751	daJ
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137472		12/17/04 1411	gok
60108	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	137992		12/22/04 1455	Lmr
	Barium	32			1.3	10	1	ug/L	137992		12/22/04 1455	Lmr
	Beryllium	2.0	U		0.25	2.0	1	ug/L	137992		12/22/04 1455	Lmr
	Cadmium	2.0	U		0.25	2.0	1	ug/L	137992		12/22/04 1455	Lmr
	Calcium	130000			9.5	100	1	ug/L	137992		12/22/04 1455	Lmr
	Chromium	10	U		1.1	10	1	ug/L	137992		12/22/04 1455	Lmr
	Cobalt	2.2	B		0.80	5.0	1	ug/L	137992		12/22/04 1455	Lmr
	Copper	10	U		2.2	10	1	ug/L	137992		12/22/04 1455	Lmr
	Iron	370			38	120	1	ug/L	138123		12/28/04 0338	Lmr
	Magnesium	78000			8.1	100	1	ug/L	137992		12/22/04 1455	Lmr
	Manganese	400			0.41	10	1	ug/L	137992		12/22/04 1455	Lmr
	Nickel	5.3	B		1.0	10	1	ug/L	137992		12/22/04 1455	Lmr
	Potassium	5000			66	500	1	ug/L	137992		12/22/04 1455	Lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232540								Date: 01/03/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: ASYmr-006-GW Date Sampled: 12/07/2004 Time Sampled: 13:45 Sample Matrix: Water						Laboratory Sample ID: 232540-15 Date Received: 12/08/2004 Time Received: 09:30						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	137992		12/22/04 1455	Lmr
	Silver	10	U		0.72	10	1	ug/L	137992		12/22/04 1455	Lmr
	Sodium	40000			490	1500	1	ug/L	137992		12/22/04 1455	Lmr
	Vanadium	10	U		1.0	10	1	ug/L	137992		12/22/04 1455	Lmr
	Zinc	10	B		1.6	30	1	ug/L	137992		12/22/04 1455	Lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											Date: 12/21/2004	
Job Number: 232540				CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis
Customer Sample ID: ASYMW-006-GW Date Sampled.....: 12/07/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water						Laboratory Sample ID: 232540-15 Date Received.....: 12/08/2004 Time Received.....: 09:30						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	137782		12/17/04 2232	kdL
	beta-BHC	0.099	U		0.028	0.099	1.00000	ug/L	137782		12/17/04 2232	kdL
	delta-BHC	0.099	U		0.025	0.099	1.00000	ug/L	137782		12/17/04 2232	kdL
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	137782		12/17/04 2232	kdL
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	137782		12/17/04 2232	kdL
	Aldrin	0.099	U		0.028	0.099	1.00000	ug/L	137782		12/17/04 2232	kdL
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	137782		12/17/04 2232	kdL
	Endosulfan I	0.099	U		0.021	0.099	1.00000	ug/L	137782		12/17/04 2232	kdL
	Dieldrin	0.099	U		0.018	0.099	1.00000	ug/L	137782		12/17/04 2232	kdL
	4,4'-DDE	0.099	U		0.023	0.099	1.00000	ug/L	137782		12/17/04 2232	kdL
	Endrin	0.099	U		0.017	0.099	1.00000	ug/L	137782		12/17/04 2232	kdL
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	137782		12/17/04 2232	kdL
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	137782		12/17/04 2232	kdL
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	137782		12/17/04 2232	kdL
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	137782		12/17/04 2232	kdL
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	137782		12/17/04 2232	kdL
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	137782		12/17/04 2232	kdL
	gamma-Chlordane	0.099	U		0.017	0.099	1.00000	ug/L	137782		12/17/04 2232	kdL
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	137782		12/17/04 2232	kdL
	Endrin ketone	0.099	U		0.029	0.099	1.00000	ug/L	137782		12/17/04 2232	kdL
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	137782		12/17/04 2232	kdL

* In Description = Dry Wgt.

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Job Number: 232540		LABORATORY TEST RESULTS						Date:12/21/2004				
CUSTOMER: MKH Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: ASYmw-006-GW Date Sampled.....: 12/07/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water			Laboratory Sample ID: 232540-15 Date Received.....: 12/08/2004 Time Received.....: 09:30									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.59	U		0.18	0.59	1.00000	ug/L	137736		12/15/04 2234	bjt
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	137736		12/15/04 2234	bjt
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	137736		12/15/04 2234	bjt
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	137736		12/15/04 2234	bjt
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	137736		12/15/04 2234	bjt
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	137736		12/15/04 2234	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	137736		12/15/04 2234	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232540 Date: 12/18/2004

CUSTOMER: NKM Engineers, Inc. PROJECT: USACE RVAAP 14 ACES ATTN: Eric Elie

Customer Sample ID: ASYmw-006-GW
 Date Sampled.....: 12/07/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232540-15
 Date Received.....: 12/08/2004
 Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	Acetone	10	U		1.8	10	1.00000	ug/L	137371		12/16/04 1829	jdh
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	137371		12/16/04 1829	jdh
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	137371		12/16/04 1829	jdh
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	137371		12/16/04 1829	jdh
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137371		12/16/04 1829	jdh
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	137371		12/16/04 1829	jdh

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232540								Date: 12/18/2004				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: ASYmw-006-GW Date Sampled.....: 12/07/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water						Laboratory Sample ID: 232540-15 Date Received.....: 12/08/2004 Time Received.....: 09:30						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	137371		12/16/04 1829	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	137371		12/16/04 1829	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	137371		12/16/04 1829	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	137371		12/16/04 1829	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	137371		12/16/04 1829	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	137371		12/16/04 1829	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	137371		12/16/04 1829	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	137371		12/16/04 1829	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137371		12/16/04 1829	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	137371		12/16/04 1829	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	137371		12/16/04 1829	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232540 Date: 12/22/2004

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: ASYMW-006-GW Laboratory Sample ID: 232540-15
 Date Sampled.....: 12/07/2004 Date Received.....: 12/08/2004
 Time Sampled.....: 13:45 Time Received.....: 09:30
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.7	U		0.33	4.7	1.00000	ug/L	137849		12/14/04 2122	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.28	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.41	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.31	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	137849		12/14/04 2122	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.26	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.47	U		0.076	0.47	1.00000	ug/L	137849		12/14/04 2122	dpk
	Hexachloroethane, Low Level Water	4.7	U		0.58	4.7	1.00000	ug/L	137849		12/14/04 2122	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.094	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	2-Chlorophenol, Low Level Water	4.7	U		0.11	4.7	1.00000	ug/L	137849		12/14/04 2122	dpk
	Nitrobenzene, Low Level Water	0.94	U		0.15	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	Benzoic acid, Low Level Water	19	U		2.8	19	1.00000	ug/L	137849		12/14/04 2122	dpk
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	2,4-Dimethylphenol, Low Level Water	9.4	U		1.2	9.4	1.00000	ug/L	137849		12/14/04 2122	dpk
	Hexachlorobutadiene, Low Level Water	4.7	U		0.60	4.7	1.00000	ug/L	137849		12/14/04 2122	dpk
	Naphthalene, Low Level Water	0.94	U		0.15	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk
	2,4-Dichlorophenol, Low Level Water	9.4	U		0.86	9.4	1.00000	ug/L	137849		12/14/04 2122	dpk
	4-Chloroaniline, Low Level Water	9.4	U		2.6	9.4	1.00000	ug/L	137849		12/14/04 2122	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.7	U		0.20	4.7	1.00000	ug/L	137849		12/14/04 2122	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.4	U		1.3	9.4	1.00000	ug/L	137849		12/14/04 2122	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U		0.61	19	1.00000	ug/L	137849		12/14/04 2122	dpk
	2-Methylnaphthalene, Low Level Water	0.47	U		0.12	0.47	1.00000	ug/L	137849		12/14/04 2122	dpk
	2-Nitroaniline, Low Level Water	4.7	U		0.21	4.7	1.00000	ug/L	137849		12/14/04 2122	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk

* In Description = Dry Wgt.

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Job Number: 232540		LABORATORY TEST RESULTS						Date: 12/22/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: ASYmw-006-GW Date Sampled.....: 12/07/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water			Laboratory Sample ID: 232540-15 Date Received.....: 12/08/2004 Time Received.....: 09:30									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.4	U		2.3	9.4	1.00000	ug/L	137849		12/14/04 2122	dpk
	2,6-Dinitrotoluene, Low Level Water	0.47	U		0.10	0.47	1.00000	ug/L	137849		12/14/04 2122	dpk
	2-Nitrophenol, Low Level Water	9.4	U		0.77	9.4	1.00000	ug/L	137849		12/14/04 2122	dpk
	3-Nitroaniline, Low Level Water	9.4	U		2.0	9.4	1.00000	ug/L	137849		12/14/04 2122	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.1	19	1.00000	ug/L	137849		12/14/04 2122	dpk
	Acenaphthylene, Low Level Water	0.94	U		0.11	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk
	2,4-Dinitrotoluene, Low Level Water	0.94	U		0.12	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk
	Acenaphthene, Low Level Water	0.94	U		0.11	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.12	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	4-Nitrophenol, Low Level Water	19	U		3.5	19	1.00000	ug/L	137849		12/14/04 2122	dpk
	Fluorene, Low Level Water	0.94	U		0.12	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk
	4-Nitroaniline, Low Level Water	9.4	U		2.2	9.4	1.00000	ug/L	137849		12/14/04 2122	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.7	U		0.18	4.7	1.00000	ug/L	137849		12/14/04 2122	dpk
	Hexachlorobenzene, Low Level Water	0.47	U		0.092	0.47	1.00000	ug/L	137849		12/14/04 2122	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.14	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.7	U		0.71	4.7	1.00000	ug/L	137849		12/14/04 2122	dpk
	Pentachlorophenol, Low Level Water	9.4	U		1.6	9.4	1.00000	ug/L	137849		12/14/04 2122	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.94	U		0.12	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	137849		12/14/04 2122	dpk
	Phenanthrene, Low Level Water	0.94	U		0.13	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk
	Anthracene, Low Level Water	0.94	U		0.14	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk
	Carbazole, Low Level Water	4.7	U		0.27	4.7	1.00000	ug/L	137849		12/14/04 2122	dpk
	Di-n-butyl phthalate, Low Level Water	4.7	U		0.34	4.7	1.00000	ug/L	137849		12/14/04 2122	dpk
	Fluoranthene, Low Level Water	0.94	U		0.13	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk
	Pyrene, Low Level Water	0.94	U		0.11	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.37	1.9	1.00000	ug/L	137849		12/14/04 2122	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.046	0.19	1.00000	ug/L	137849		12/14/04 2122	dpk
	Chrysene, Low Level Water	0.47	U		0.042	0.47	1.00000	ug/L	137849		12/14/04 2122	dpk

* In Description = Dry Wgt.

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Job Number: 232540		LABORATORY TEST RESULTS						Date: 12/22/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADDS			ATTN: Eric Ellis						
Customer Sample ID: ASYmw-006-GW			Laboratory Sample ID: 232540-15									
Date Sampled.....: 12/07/2004			Date Received.....: 12/08/2004									
Time Sampled.....: 13:45			Time Received.....: 09:30									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.7	U		0.68	4.7	1.00000	ug/L	137849		12/14/04 2122	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U		3.7	14	1.00000	ug/L	137849		12/14/04 2122	dpk
	Di-n-octyl phthalate, Low Level Water	9.4	U		2.4	9.4	1.00000	ug/L	137849		12/14/04 2122	dpk
	Benzo(b)fluoranthene, Low Level Water	0.38	U		0.063	0.38	1.00000	ug/L	137849		12/14/04 2122	dpk
	Benzo(k)fluoranthene, Low Level Water	0.38	U		0.068	0.38	1.00000	ug/L	137849		12/14/04 2122	dpk
	Benzo(a)pyrene, Low Level Water	0.38	U		0.079	0.38	1.00000	ug/L	137849		12/14/04 2122	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.38	U		0.081	0.38	1.00000	ug/L	137849		12/14/04 2122	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.38	U		0.12	0.38	1.00000	ug/L	137849		12/14/04 2122	dpk
	Benzo(ghi)perylene, Low Level Water	0.94	U		0.18	0.94	1.00000	ug/L	137849		12/14/04 2122	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232540						Date: 12/21/2004						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ACOS				ATTN: Eric Ellis				
Customer Sample ID: ASYmw-006-GW Date Sampled: 12/07/2004 Time Sampled: 13:45 Sample Matrix: Water						Laboratory Sample ID: 232540-15 Date Received: 12/08/2004 Time Received: 09:30						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	BMX	0.38	U		0.083	0.38	1.00000	ug/L	137759		12/16/04 1314	bdw
	RDX	0.24	U		0.078	0.24	1.00000	ug/L	137759		12/16/04 1314	bdw
	1,3,5-Trinitrobenzene	0.24	U		0.071	0.24	1.00000	ug/L	137759		12/16/04 1314	bdw
	1,3-Dinitrobenzene	0.24	U		0.067	0.24	1.00000	ug/L	137759		12/16/04 1314	bdw
	Nitrobenzene	0.19	U		0.054	0.19	1.00000	ug/L	137759		12/16/04 1314	bdw
	2,4,6-TNT	0.30	U		0.095	0.30	1.00000	ug/L	137759		12/16/04 1314	bdw
	Tetryl	0.95	U		0.20	0.95	1.00000	ug/L	137759		12/16/04 1314	bdw
	2,4-Dinitrotoluene	0.44	U		0.15	0.44	1.00000	ug/L	137759		12/16/04 1314	bdw
	2,6-Dinitrotoluene	0.52	U		0.17	0.52	1.00000	ug/L	137759		12/16/04 1314	bdw
	2-Amino-4,6-Dinitrotoluene	0.44	U		0.14	0.44	1.00000	ug/L	137759		12/16/04 1314	bdw
	4-Amino-2,6-Dinitrotoluene	0.40	U		0.14	0.40	1.00000	ug/L	137759		12/16/04 1314	bdw
	2-Nitrotoluene	0.38	U		0.11	0.38	1.00000	ug/L	137759		12/16/04 1314	bdw
	4-Nitrotoluene	0.38	U		0.12	0.38	1.00000	ug/L	137759		12/16/04 1314	bdw
3-Nitrotoluene	0.38	U		0.12	0.38	1.00000	ug/L	137759		12/16/04 1314	bdw	
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.2	U		0.18	1.2	1.00000	ug/L	137697		12/10/04 1011	bdw	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: ASYmw-006-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L080382-007 Work Order #...: GOKHE1AC
Date Sampled...: 12/07/04 13:45 Date Received...: 12/08/04
Prep Date...: 12/13/04 Analysis Date...: 12/14/04
Prep Batch #...: 4348574
Dilution Factor: 1 Initial Wgt/Vol: 10 mL

Matrix.....: WATER

Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: ASYmw-006-GW

General Chemistry

Lot-Sample #...: G4L080382-007
Date Sampled...: 12/07/04

Work Order #...: GOKHE
Date Received...: 12/08/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	12/16-12/17/04	4352362
		MDL.....: 0.12				

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Job Number: 232497 LABORATORY TEST RESULTS Date: 01/04/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AQCS ATTN: Eric Elits

Customer Sample ID: ASYmw-007-GW Laboratory Sample ID: 232497-11
 Date Sampled.....: 12/06/2004 Date Received.....: 12/07/2004
 Time Sampled.....: 15:00 Time Received.....: 10:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7196A	Hexavalent Chromium Hexavalent Chromium	0.010		U	0.0016	0.010	1	mg/L	136386		12/07/04 1258	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/22/2004

Job Number: 232478

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOS

ATTN: Eric Ellis

Customer Sample ID: ASYMW-007-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-7
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	2.8	B		2.5	7.5	1	ug/L	136643		12/08/04 1536	da j
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	136622		12/08/04 1711	da j
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	136730		12/09/04 1657	da j
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	136776		12/09/04 1416	da j
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137125		12/14/04 1516	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	137508		12/19/04 0515	tds
	Barium	35			1.3	10	1	ug/L	137508		12/19/04 0515	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	137508		12/19/04 0515	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	137508		12/19/04 0515	tds
	Calcium	150000			9.5	100	1	ug/L	137508		12/19/04 0515	tds
	Chromium	10	U		1.1	10	1	ug/L	137508		12/19/04 0515	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	137508		12/19/04 0515	tds
	Copper	10	U		2.2	10	1	ug/L	137508		12/19/04 0515	tds
	Iron	120	U		38	120	1	ug/L	137508		12/19/04 0515	tds
	Magnesium	53000			8.1	100	1	ug/L	137508		12/19/04 0515	tds
	Manganese	200			0.41	10	1	ug/L	137508		12/19/04 0515	tds
	Nickel	1.7	B		1.0	10	1	ug/L	137508		12/19/04 0515	tds
	Potassium	2700			66	500	1	ug/L	137508		12/19/04 0515	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232478

Date: 12/22/2004

CUSTOMER: MCK Engineers, Inc.

PROJECT: USAGE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYm-007-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-7
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	QT	DATE/TIME	TECH
	Selenium	4.2	B	3.0	15	1	ug/L	137508		12/19/04 0515	tds
	Silver	10	U	0.72	10	1	ug/L	137508		12/19/04 0515	tds
	Sodium	45000		490	1500	1	ug/L	137508		12/19/04 0515	tds
	Vanadium	10	U	1.0	10	1	ug/L	137508		12/19/04 0515	tds
	Zinc	93		1.6	30	1	ug/L	137508		12/19/04 0515	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											Date: 12/20/2004
Job Number: 232478				PROJECT: USACE RMAAP 14 AOCs				ATTN: Eric Ellis			
CUSTOMER: HOK Engineers, Inc.											
Customer Sample ID: ASYMW-007-GW Date Sampled.....: 12/03/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water						Laboratory Sample ID: 232478-7 Date Received.....: 12/06/2004 Time Received.....: 09:20					
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis	0.14	U	0.045	0.14	1.00000	ug/L	137532		12/15/04 1342	kdl
	alpha-BHC	0.096	U	0.027	0.096	1.00000	ug/L	137532		12/15/04 1342	kdl
	beta-BHC	0.096	U	0.024	0.096	1.00000	ug/L	137532		12/15/04 1342	kdl
	delta-BHC	0.14	U	0.040	0.14	1.00000	ug/L	137532		12/15/04 1342	kdl
	gamma-BHC (Lindane)	0.14	U	0.039	0.14	1.00000	ug/L	137532		12/15/04 1342	kdl
	Heptachlor	0.096	U	0.027	0.096	1.00000	ug/L	137532		12/15/04 1342	kdl
	Aldrin	0.14	U	0.035	0.14	1.00000	ug/L	137532		12/15/04 1342	kdl
	Heptachlor epoxide	0.096	U	0.020	0.096	1.00000	ug/L	137532		12/15/04 1342	kdl
	Endosulfan I	0.096	U	0.017	0.096	1.00000	ug/L	137532		12/15/04 1342	kdl
	Dieldrin	0.096	U	0.022	0.096	1.00000	ug/L	137532		12/15/04 1342	kdl
	4,4'-DDE	0.096	U	0.016	0.096	1.00000	ug/L	137532		12/15/04 1342	kdl
	Endrin	0.14	U	0.040	0.14	1.00000	ug/L	137532		12/15/04 1342	kdl
	Endosulfan II	0.11	U	0.035	0.11	1.00000	ug/L	137532		12/15/04 1342	kdl
	4,4'-DDD	0.14	U	0.042	0.14	1.00000	ug/L	137532		12/15/04 1342	kdl
	Endosulfan sulfate	0.14	U	0.047	0.14	1.00000	ug/L	137532		12/15/04 1342	kdl
	4,4'-DDT	0.58	U	0.16	0.58	1.00000	ug/L	137532		12/15/04 1342	kdl
	Methoxychlor	0.048	U	0.015	0.048	1.00000	ug/L	137532		12/15/04 1342	kdl
	alpha-Chlordane	0.096	U	0.016	0.096	1.00000	ug/L	137532		12/15/04 1342	kdl
	gamma-Chlordane	0.14	U	0.034	0.14	1.00000	ug/L	137532		12/15/04 1342	kdl
	Endrin aldehyde	0.096	U	0.028	0.096	1.00000	ug/L	137532		12/15/04 1342	kdl
	Endrin ketone	0.48	U	0.13	0.48	1.00000	ug/L	137532		12/15/04 1342	kdl
	Toxaphene										

* In Description = Dry Wgt.

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Job Number: 232478		LABORATORY TEST RESULTS						Date: 12/17/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP T4 AOCs				ATTN: Eric Ellis					
Customer Sample ID: ASYmw-007-GW Date Sampled.....: 12/03/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water			Laboratory Sample ID: 232478-7 Date Received.....: 12/06/2004 Time Received.....: 09:20									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.58	U		0.17	0.58	1.00000	ug/L	137383		12/15/04 1939	bjt
	Aroclor 1221	1.2	U		0.40	1.2	1.00000	ug/L	137383		12/15/04 1939	bjt
	Aroclor 1232	1.2	U		0.34	1.2	1.00000	ug/L	137383		12/15/04 1939	bjt
	Aroclor 1242	1.2	U		0.41	1.2	1.00000	ug/L	137383		12/15/04 1939	bjt
	Aroclor 1248	1.4	U		0.46	1.4	1.00000	ug/L	137383		12/15/04 1939	bjt
	Aroclor 1254	1.2	U		0.34	1.2	1.00000	ug/L	137383		12/15/04 1939	bjt
	Aroclor 1260	0.58	U		0.16	0.58	1.00000	ug/L	137383		12/15/04 1939	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232478

Date: 12/18/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-007-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-7
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	137286		12/16/04 0051	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	137286		12/16/04 0051	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	137286		12/16/04 0051	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	1,2-Dichloroethane	1.0	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	137286		12/16/04 0051	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	137286		12/16/04 0051	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/18/2004

Job Number: 232478

CUSTOMER: HCN Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-007-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-7
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	1,2-Dichloroethane (total)	1.0	U		0.23	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	137286		12/16/04 0051	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232478 Date: 12/20/2004

CUSTOMER: NKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: ASYmw-007-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-7
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.8	U		0.34	4.8	1.00000	ug/L	137499		12/13/04 0518	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.41	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.34	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	137499		12/13/04 0518	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.48	U		0.078	0.48	1.00000	ug/L	137499		12/13/04 0518	dpk
	Hexachloroethane, Low Level Water	4.8	U		0.59	4.8	1.00000	ug/L	137499		12/13/04 0518	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.096	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	2-Chlorophenol, Low Level Water	4.8	U		0.12	4.8	1.00000	ug/L	137499		12/13/04 0518	dpk
	Nitrobenzene, Low Level Water	0.96	U		0.15	0.96	1.00000	ug/L	137499		12/13/04 0518	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	137499		12/13/04 0518	dpk
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	2,4-Dimethylphenol, Low Level Water	9.6	U		1.2	9.6	1.00000	ug/L	137499		12/13/04 0518	dpk
	Hexachlorobutadiene, Low Level Water	4.8	U		0.62	4.8	1.00000	ug/L	137499		12/13/04 0518	dpk
	Naphthalene, Low Level Water	0.96	U		0.15	0.96	1.00000	ug/L	137499		12/13/04 0518	dpk
	2,4-Dichlorophenol, Low Level Water	9.6	U		0.87	9.6	1.00000	ug/L	137499		12/13/04 0518	dpk
	4-Chloroaniline, Low Level Water	9.6	U		2.7	9.6	1.00000	ug/L	137499		12/13/04 0518	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.8	U		0.20	4.8	1.00000	ug/L	137499		12/13/04 0518	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.6	U		1.3	9.6	1.00000	ug/L	137499		12/13/04 0518	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U	*	0.62	19	1.00000	ug/L	137499		12/13/04 0518	dpk
	2-Methylnaphthalene, Low Level Water	0.48	U		0.12	0.48	1.00000	ug/L	137499		12/13/04 0518	dpk
	2-Nitroaniline, Low Level Water	4.8	U		0.21	4.8	1.00000	ug/L	137499		12/13/04 0518	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk

* In Description = Dry Wgt.

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Job Number: 232478 LABORATORY TEST RESULTS Date: 12/20/2004

CUSTOMER: PKM Engineers, Inc. PROJECT: USACE RYAMP 14 AOCs ATTN: EPT/ELLI

Customer Sample ID: ASYmw-007-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-7
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.6	U		2.3	9.6	1.00000	ug/L	137499		12/13/04 0518	dpk
	2,6-Dinitrotoluene, Low Level Water	0.48	U		0.11	0.48	1.00000	ug/L	137499		12/13/04 0518	dpk
	2-Nitrophenol, Low Level Water	9.6	U		0.79	9.6	1.00000	ug/L	137499		12/13/04 0518	dpk
	3-Nitroaniline, Low Level Water	9.6	U		2.0	9.6	1.00000	ug/L	137499		12/13/04 0518	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.2	19	1.00000	ug/L	137499		12/13/04 0518	dpk
	Acenaphthylene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0518	dpk
	2,4-Dinitrotoluene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0518	dpk
	Acenaphthene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0518	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.12	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	4-Nitrophenol, Low Level Water	19	U		3.6	19	1.00000	ug/L	137499		12/13/04 0518	dpk
	Fluorene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0518	dpk
	4-Nitroaniline, Low Level Water	9.6	U		2.2	9.6	1.00000	ug/L	137499		12/13/04 0518	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.8	U		0.18	4.8	1.00000	ug/L	137499		12/13/04 0518	dpk
	Hexachlorobenzene, Low Level Water	0.48	U		0.093	0.48	1.00000	ug/L	137499		12/13/04 0518	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.14	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.8	U		0.72	4.8	1.00000	ug/L	137499		12/13/04 0518	dpk
	Pentachlorophenol, Low Level Water	9.6	U		1.6	9.6	1.00000	ug/L	137499		12/13/04 0518	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0518	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	137499		12/13/04 0518	dpk
	Phenanthrene, Low Level Water	0.96	U		0.13	0.96	1.00000	ug/L	137499		12/13/04 0518	dpk
	Anthracene, Low Level Water	0.96	U		0.14	0.96	1.00000	ug/L	137499		12/13/04 0518	dpk
	Carbazole, Low Level Water	4.8	U		0.28	4.8	1.00000	ug/L	137499		12/13/04 0518	dpk
	Di-n-butyl phthalate, Low Level Water	4.8	U		0.35	4.8	1.00000	ug/L	137499		12/13/04 0518	dpk
	Fluoranthene, Low Level Water	0.96	U		0.13	0.96	1.00000	ug/L	137499		12/13/04 0518	dpk
	Pyrene, Low Level Water	0.96	U		0.12	0.96	1.00000	ug/L	137499		12/13/04 0518	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.37	1.9	1.00000	ug/L	137499		12/13/04 0518	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.047	0.19	1.00000	ug/L	137499		12/13/04 0518	dpk
	Chrysene, Low Level Water	0.48	U		0.043	0.48	1.00000	ug/L	137499		12/13/04 0518	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/21/2004

Job Number: 232478

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAMP 14 AOCS

ATTN: Eric Ellis

Customer Sample ID: ASYMW-007-GW
 Date Sampled.....: 12/03/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232478-7
 Date Received.....: 12/06/2004
 Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOI	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)	0.42	U		0.092	0.42	1.00000	ug/L	137544		12/15/04 1534	bdw
	HMX	0.27	U		0.086	0.27	1.00000	ug/L	137544		12/15/04 1534	bdw
	RDX	0.27	U		0.078	0.27	1.00000	ug/L	137544		12/15/04 1534	bdw
	1,3,5-Trinitrobenzene	0.27	U		0.074	0.27	1.00000	ug/L	137544		12/15/04 1534	bdw
	1,3-Dinitrobenzene	0.22	U		0.059	0.22	1.00000	ug/L	137544		12/15/04 1534	bdw
	Nitrobenzene	0.34	U		0.11	0.34	1.00000	ug/L	137544		12/15/04 1534	bdw
	2,4,6-TNT	1.1	U		0.22	1.1	1.00000	ug/L	137544		12/15/04 1534	bdw
	Tetryl	0.49	U		0.16	0.49	1.00000	ug/L	137544		12/15/04 1534	bdw
	2,4-Dinitrotoluene	0.58	U		0.19	0.58	1.00000	ug/L	137544		12/15/04 1534	bdw
	2,6-Dinitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	137544		12/15/04 1534	bdw
	2-Amino-4,6-Dinitrotoluene	0.45	U		0.15	0.45	1.00000	ug/L	137544		12/15/04 1534	bdw
	4-Amino-2,6-Dinitrotoluene	0.42	U		0.13	0.42	1.00000	ug/L	137544		12/15/04 1534	bdw
	2-Nitrotoluene	0.42	U		0.14	0.42	1.00000	ug/L	137544		12/15/04 1534	bdw
	4-Nitrotoluene	0.42	U		0.14	0.42	1.00000	ug/L	137544		12/15/04 1534	bdw
3-Nitrotoluene												
8332M	NG/PETN by 8332M (HPLC) Nitroglycerine	1.4	U		0.20	1.4	1.00000	ug/L	137545		12/09/04 0643	bdw

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: ASYmw-007-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L060183-005 Work Order #...: G0DE21AC Matrix.....: WATER
Date Sampled...: 12/03/04 13:45 Date Received...: 12/06/04
Prep Date.....: 12/08/04 Analysis Date...: 12/09/04
Prep Batch #...: 4342546
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: ASYmw-007-GW

General Chemistry

Lot-Sample #...: G4L060183-005
Date Sampled...: 12/03/04

Work Order #...: G0DE2
Date Received...: 12/06/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	12/16-12/17/04	4352362
		MDL.....: 0.12				

1A

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Job Number: 232723		LABORATORY TEST RESULTS						Date: 01/07/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: ASYmw-008-GW Date Sampled.....: 12/13/2004 Time Sampled.....: 14:15 Sample Matrix.....: Water			Laboratory Sample ID: 232723-2 Date Received.....: 12/14/2004 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7196A	Hexavalent Chromium Hexavalent Chromium	0.0024	B		0.0016	0.010	1	mg/L	137000		12/14/04 1248	pmf

* In Description = Dry Wgt.

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Job Number: 232723		LABORATORY TEST RESULTS						Date: 12/28/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: ASYm-008-GW Date Sampled.....: 12/13/2004 Time Sampled.....: 14:15 Sample Matrix.....: Water			Laboratory Sample ID: 232723-2 Date Received.....: 12/14/2004 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RI	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	137250		12/16/04 1140	daj
7060A	Arsenic (GFAA) Arsenic	7.8			0.51	2.0	1	ug/L	137533		12/16/04 1504	daj
7421	Lead (GFAA) Lead	1.7	B		0.79	3.0	1	ug/L	137522		12/17/04 0913	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	137277		12/16/04 1253	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137472		12/17/04 1501	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	138130		12/27/04 1436	lmr
	Barium	26			1.3	10	1	ug/L	138130		12/27/04 1436	lmr
	Beryllium	2.0	U		0.25	2.0	1	ug/L	138130		12/27/04 1436	lmr
	Cadmium	0.25	B		0.25	2.0	1	ug/L	138130		12/27/04 1436	lmr
	Calcium	190000			9.5	100	1	ug/L	138130		12/27/04 1436	lmr
	Chromium	1.4	B		1.1	10	1	ug/L	138130		12/27/04 1436	lmr
	Cobalt	3.4	B		0.80	5.0	1	ug/L	138130		12/27/04 1436	lmr
	Copper	10	U		2.2	10	1	ug/L	138130		12/27/04 1436	lmr
	Iron	270			38	120	1	ug/L	138130		12/27/04 1436	lmr
	Magnesium	86000			8.1	100	1	ug/L	138130		12/27/04 1436	lmr
	Manganese	130			0.41	10	1	ug/L	138130		12/27/04 1436	lmr
	Nickel	7.7	B		1.0	10	1	ug/L	138130		12/27/04 1436	lmr
	Potassium	8900			66	500	1	ug/L	138130		12/27/04 1436	lmr

* In Description = Dry Wgt.

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Job Number: 232723		LABORATORY TEST RESULTS						Date: 12/28/2004				
CUSTOMER: NKK Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: ASYmw-008-GW			Laboratory Sample ID: 232723-2									
Date Sampled.....: 12/13/2004			Date Received.....: 12/14/2004									
Time Sampled.....: 14:15			Time Received.....: 09:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	3.0	B		3.0	15	1	ug/L	138130		12/27/04 1436	Lmr
	Silver	0.86	B		0.72	10	1	ug/L	138130		12/27/04 1436	Lmr
	Sodium	33000			490	1500	1	ug/L	138130		12/27/04 1436	Lmr
	Vanadium	10	U		1.0	10	1	ug/L	138130		12/27/04 1436	Lmr
	Zinc	10	B		1.6	30	1	ug/L	138130		12/27/04 1436	Lmr

* In Description = Dry Wgt.

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Job Number: 232723		LABORATORY TEST RESULTS							Date: 12/28/2004			
CUSTOMER: NKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: ASYmw-008-GW Date Sampled.....: 12/13/2004 Time Sampled.....: 14:15 Sample Matrix.....: Water			Laboratory Sample ID: 232723-2 Date Received.....: 12/14/2004 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.14	U		0.045	0.14	1.00000	ug/L	138164		12/21/04 0502	kdl
	beta-BHC	0.096	U		0.027	0.096	1.00000	ug/L	138164		12/21/04 0502	kdl
	delta-BHC	0.096	U		0.024	0.096	1.00000	ug/L	138164		12/21/04 0502	kdl
	gamma-BHC (Lindane)	0.14	U		0.040	0.14	1.00000	ug/L	138164		12/21/04 0502	kdl
	Heptachlor	0.14	U		0.039	0.14	1.00000	ug/L	138164		12/21/04 0502	kdl
	Aldrin	0.096	U		0.027	0.096	1.00000	ug/L	138164		12/21/04 0502	kdl
	Heptachlor epoxide	0.14	U		0.035	0.14	1.00000	ug/L	138164		12/21/04 0502	kdl
	Endosulfan I	0.096	U		0.020	0.096	1.00000	ug/L	138164		12/21/04 0502	kdl
	Dieldrin	0.096	U		0.017	0.096	1.00000	ug/L	138164		12/21/04 0502	kdl
	4,4'-DDE	0.096	U		0.022	0.096	1.00000	ug/L	138164		12/21/04 0502	kdl
	Endrin	0.096	U		0.016	0.096	1.00000	ug/L	138164		12/21/04 0502	kdl
	Endosulfan II	0.14	U		0.040	0.14	1.00000	ug/L	138164		12/21/04 0502	kdl
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	138164		12/21/04 0502	kdl
	Endosulfan sulfate	0.14	U		0.042	0.14	1.00000	ug/L	138164		12/21/04 0502	kdl
	4,4'-DDT	0.14	U		0.047	0.14	1.00000	ug/L	138164		12/21/04 0502	kdl
	Methoxychlor	0.58	U		0.16	0.58	1.00000	ug/L	138164		12/21/04 0502	kdl
	alpha-Chlordane	0.048	U		0.015	0.048	1.00000	ug/L	138164		12/21/04 0502	kdl
	gamma-Chlordane	0.096	U		0.016	0.096	1.00000	ug/L	138164		12/21/04 0502	kdl
	Endrin aldehyde	0.14	U		0.034	0.14	1.00000	ug/L	138164		12/21/04 0502	kdl
	Endrin ketone	0.096	U		0.028	0.096	1.00000	ug/L	138164		12/21/04 0502	kdl
	Toxaphene	0.48	U		0.13	0.48	1.00000	ug/L	138164		12/21/04 0502	kdl

* In Description = Dry Wgt.

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Job Number: 232723		LABORATORY TEST RESULTS						Date: 12/28/2004					
CUSTOMER: HKM Engineers, Inc.			PROJECT: USACE RVAAP T4 A00S				ATTN: Eric Ellis						
Customer Sample ID: ASYmw-008-GW Date Sampled.....: 12/13/2004 Time Sampled.....: 14:15 Sample Matrix.....: Water			Laboratory Sample ID: 232723-2 Date Received.....: 12/14/2004 Time Received.....: 09:00										
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8082	PCB Analysis												
	Aroclor 1016	0.58	U		0.17	0.58	1.00000	ug/L	138210		12/20/04 1653	pjg	
	Aroclor 1221	1.2	U		0.40	1.2	1.00000	ug/L	138210		12/20/04 1653	pjg	
	Aroclor 1232	1.2	U		0.34	1.2	1.00000	ug/L	138210		12/20/04 1653	pjg	
	Aroclor 1242	1.2	U		0.41	1.2	1.00000	ug/L	138210		12/20/04 1653	pjg	
	Aroclor 1248	1.4	U		0.46	1.4	1.00000	ug/L	138210		12/20/04 1653	pjg	
	Aroclor 1254	1.2	U		0.34	1.2	1.00000	ug/L	138210		12/20/04 1653	pjg	
	Aroclor 1260	0.58	U		0.16	0.58	1.00000	ug/L	138210		12/20/04 1653	pjg	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232723

Date: 12/22/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RVAAP 14 ADGS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-008-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-2
 Date Received.....: 12/14/2004
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Acetone	10	U		1.8	10	1.00000	ug/L	137580		12/19/04 0256	ema
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	137580		12/19/04 0256	ema
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	cis-1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	137580		12/19/04 0256	ema
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	137580		12/19/04 0256	ema
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	137580		12/19/04 0256	ema

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232723

Date: 12/22/2004

CUSTOMER: HGM Engineers, Inc.

PROJECT: USACE IVALP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-008-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-2
 Date Received.....: 12/14/2004
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DF	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	137580		12/19/04 0256	ema
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	137580		12/19/04 0256	ema
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	137580		12/19/04 0256	ema

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232723

Date: 12/28/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE R/V/AP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYMW-008-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-2
 Date Received.....: 12/14/2004
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	5.0	U		0.35	5.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	138204		12/20/04 0359	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.50	U		0.080	0.50	1.00000	ug/L	138204		12/20/04 0359	dpk
	Hexachloroethane, Low Level Water	5.0	U		0.60	5.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.099	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	2-Chlorophenol, Low Level Water	5.0	U		0.12	5.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	Nitrobenzene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	138204		12/20/04 0359	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	2,4-Dimethylphenol, Low Level Water	9.9	U		1.3	9.9	1.00000	ug/L	138204		12/20/04 0359	dpk
	Hexachlorobutadiene, Low Level Water	5.0	U		0.63	5.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	Naphthalene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk
	2,4-Dichlorophenol, Low Level Water	9.9	U		0.90	9.9	1.00000	ug/L	138204		12/20/04 0359	dpk
	4-Chloroaniline, Low Level Water	9.9	U		2.8	9.9	1.00000	ug/L	138204		12/20/04 0359	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.0	U		0.21	5.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.9	U		1.4	9.9	1.00000	ug/L	138204		12/20/04 0359	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.64	20	1.00000	ug/L	138204		12/20/04 0359	dpk
	2-Methylnaphthalene, Low Level Water	0.50	U		0.13	0.50	1.00000	ug/L	138204		12/20/04 0359	dpk
	2-Nitroaniline, Low Level Water	5.0	U	*	0.22	5.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232723

Date: 12/28/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-008-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-2
 Date Received.....: 12/14/2004
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.9	U		2.4	9.9	1.00000	ug/L	138204		12/20/04 0359	dpk
	2,6-Dinitrotoluene, Low Level Water	0.50	U		0.11	0.50	1.00000	ug/L	138204		12/20/04 0359	dpk
	2-Nitrophenol, Low Level Water	9.9	U		0.81	9.9	1.00000	ug/L	138204		12/20/04 0359	dpk
	3-Nitroaniline, Low Level Water	9.9	U		2.1	9.9	1.00000	ug/L	138204		12/20/04 0359	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.3	20	1.00000	ug/L	138204		12/20/04 0359	dpk
	Acenaphthylene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk
	2,4-Dinitrotoluene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk
	Acenaphthene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	4-Nitrophenol, Low Level Water	20	U		3.7	20	1.00000	ug/L	138204		12/20/04 0359	dpk
	Fluorene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk
	4-Nitroaniline, Low Level Water	9.9	U		2.3	9.9	1.00000	ug/L	138204		12/20/04 0359	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.0	U		0.19	5.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	Hexachlorobenzene, Low Level Water	0.50	U		0.096	0.50	1.00000	ug/L	138204		12/20/04 0359	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.0	U		0.74	5.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	Pentachlorophenol, Low Level Water	9.9	U		1.7	9.9	1.00000	ug/L	138204		12/20/04 0359	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	138204		12/20/04 0359	dpk
	Phenanthrene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk
	Anthracene, Low Level Water	0.99	U		0.15	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk
	Carbazole, Low Level Water	5.0	U		0.29	5.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	Di-n-butyl phthalate, Low Level Water	5.0	U		0.36	5.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	Fluoranthene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk
	Pyrene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.39	2.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.049	0.20	1.00000	ug/L	138204		12/20/04 0359	dpk
	Chrysene, Low Level Water	0.50	U		0.045	0.50	1.00000	ug/L	138204		12/20/04 0359	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232723

Date: 12/28/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-008-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-2
 Date Received.....: 12/14/2004
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.0	U		0.71	5.0	1.00000	ug/L	138204		12/20/04 0359	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.9	15	1.00000	ug/L	138204		12/20/04 0359	dpk
	Di-n-octyl phthalate, Low Level Water	9.9	U		2.5	9.9	1.00000	ug/L	138204		12/20/04 0359	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40	U		0.066	0.40	1.00000	ug/L	138204		12/20/04 0359	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40	U		0.071	0.40	1.00000	ug/L	138204		12/20/04 0359	dpk
	Benzo(a)pyrene, Low Level Water	0.40	U		0.083	0.40	1.00000	ug/L	138204		12/20/04 0359	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40	U		0.085	0.40	1.00000	ug/L	138204		12/20/04 0359	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40	U		0.13	0.40	1.00000	ug/L	138204		12/20/04 0359	dpk
	Benzo(ghi)perylene, Low Level Water	0.99	U		0.19	0.99	1.00000	ug/L	138204		12/20/04 0359	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232723

Date: 12/28/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-008-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-2
 Date Received.....: 12/14/2004
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.58		U	0.13	0.58	1.00000	ug/L	138110		12/17/04 1313	san
	RDX	0.38		U	0.12	0.38	1.00000	ug/L	138110		12/17/04 1313	san
	1,3,5-Trinitrobenzene	0.38		U	0.11	0.38	1.00000	ug/L	138110		12/17/04 1313	san
	1,3-Dinitrobenzene	0.38		U	0.10	0.38	1.00000	ug/L	138110		12/17/04 1313	san
	Nitrobenzene	0.30		U	0.083	0.30	1.00000	ug/L	138110		12/17/04 1313	san
	2,4,6-TNT	0.47		U	0.15	0.47	1.00000	ug/L	138110		12/17/04 1313	san
	Tetryl	1.5		U	0.31	1.5	1.00000	ug/L	138110		12/17/04 1313	san
	2,4-Dinitrotoluene	0.68		U	0.23	0.68	1.00000	ug/L	138110		12/17/04 1313	san
	2,6-Dinitrotoluene	0.81		U	0.27	0.81	1.00000	ug/L	138110		12/17/04 1313	san
	2-Amino-4,6-Dinitrotoluene	0.68		U	0.22	0.68	1.00000	ug/L	138110		12/17/04 1313	san
	4-Amino-2,6-Dinitrotoluene	0.62		U	0.21	0.62	1.00000	ug/L	138110		12/17/04 1313	san
	2-Nitrotoluene	0.58		U	0.18	0.58	1.00000	ug/L	138110		12/17/04 1313	san
	4-Nitrotoluene	0.58		U	0.19	0.58	1.00000	ug/L	138110		12/17/04 1313	san
3-Nitrotoluene	0.58		U	0.19	0.58	1.00000	ug/L	138110		12/17/04 1313	san	
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.9		U	0.28	1.9	1.00000	ug/L	138124		12/21/04 0958	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: ASYmw-008-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L140252-002 Work Order #...: G01TG1AC Matrix.....: WATER
Date Sampled...: 12/13/04 14:15 Date Received...: 12/14/04
Prep Date.....: 12/16/04 Analysis Date...: 12/16/04
Prep Batch #...: 4351450
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: ASYmw-008-GW

General Chemistry

Lot-Sample #...: G4L140252-002
Date Sampled...: 12/13/04

Work Order #...: G01TG
Date Received...: 12/14/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	12/21-12/22/04	4356659
		MDL.....: 0.12				

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Job Number: 232409		LABORATORY TEST RESULTS						Date:12/29/2004			
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AOCs			ATTN: Eric Ellis					
Customer Sample ID: ASYmw-009-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 14:50 Sample Matrix.....: Water			Laboratory Sample ID: 232409-6 Date Received.....: 12/03/2004 Time Received.....: 10:00								
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q. FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7196A	Hexavalent Chromium Hexavalent Chromium	0.010	U	0.0016	0.010	1	mg/L	136079		12/03/04 1202	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409 Date: 12/22/2004

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: ASYMW-009-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-6
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	136351		12/06/04 2244	daj
7060A	Arsenic (GFAA) Arsenic	0.86	B		0.51	2.0	1	ug/L	136355		12/06/04 2349	daj
7421	Lead (GFAA) Lead	6.8			0.79	3.0	1	ug/L	136730		12/09/04 1306	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	136346		12/07/04 0719	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137125		12/14/04 1605	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	137178		12/15/04 2337	tds
	Barium	50			1.3	10	1	ug/L	137178		12/15/04 2337	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	137178		12/15/04 2337	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	137178		12/15/04 2337	tds
	Calcium	190000			9.5	100	1	ug/L	137178		12/15/04 2337	tds
	Chromium	10	U		1.1	10	1	ug/L	137178		12/15/04 2337	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	137178		12/15/04 2337	tds
	Copper	10	U		2.2	10	1	ug/L	137178		12/15/04 2337	tds
	Iron	120	U		38	120	1	ug/L	137178		12/15/04 2337	tds
	Magnesium	65000			8.1	100	1	ug/L	137178		12/15/04 2337	tds
	Manganese	280			0.41	10	1	ug/L	137178		12/15/04 2337	tds
	Nickel	10	U		1.0	10	1	ug/L	137178		12/15/04 2337	tds
	Potassium	2100			66	500	1	ug/L	137178		12/15/04 2337	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409 Date: 12/22/2004

CUSTOMER: NKM Engineers, Inc. PROJECT: USAGE RVAAP 14 AOCs ATTN: Eric Ellis

Customer Sample ID: ASYmw-009-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-6
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15		U	3.0	15	1	ug/L	137178		12/15/04 2337	tds
	Silver	10		U	0.72	10	1	ug/L	137178		12/15/04 2337	tds
	Sodium	23000			490	1500	1	ug/L	137178		12/15/04 2337	tds
	Vanadium	10		U	1.0	10	1	ug/L	137178		12/15/04 2337	tds
	Zinc	4.4		B	1.6	30	1	ug/L	137178		12/15/04 2337	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/17/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-009-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-6
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.046	0.15	1.00000	ug/L	137343		12/12/04 1458	kdl
	beta-BHC	0.097	U		0.027	0.097	1.00000	ug/L	137343		12/12/04 1458	kdl
	delta-BHC	0.097	U		0.024	0.097	1.00000	ug/L	137343		12/12/04 1458	kdl
	gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	137343		12/12/04 1458	kdl
	Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	137343		12/12/04 1458	kdl
	Aldrin	0.097	U		0.027	0.097	1.00000	ug/L	137343		12/12/04 1458	kdl
	Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	137343		12/12/04 1458	kdl
	Endosulfan I	0.097	U		0.020	0.097	1.00000	ug/L	137343		12/12/04 1458	kdl
	Dieldrin	0.097	U		0.017	0.097	1.00000	ug/L	137343		12/12/04 1458	kdl
	4,4'-DDE	0.097	U		0.022	0.097	1.00000	ug/L	137343		12/12/04 1458	kdl
	Endrin	0.097	U		0.017	0.097	1.00000	ug/L	137343		12/12/04 1458	kdl
	Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	137343		12/12/04 1458	kdl
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	137343		12/12/04 1458	kdl
	Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	137343		12/12/04 1458	kdl
	4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	137343		12/12/04 1458	kdl
	Methoxychlor	0.58	U		0.17	0.58	1.00000	ug/L	137343		12/12/04 1458	kdl
	alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	137343		12/12/04 1458	kdl
	gamma-Chlordane	0.097	U		0.017	0.097	1.00000	ug/L	137343		12/12/04 1458	kdl
	Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	137343		12/12/04 1458	kdl
	Endrin ketone	0.097	U		0.028	0.097	1.00000	ug/L	137343		12/12/04 1458	kdl
	Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	137343		12/12/04 1458	kdl

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/16/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: ASYm-009-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-6
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis	0.58	U		0.17	0.58	1.00000	ug/L	137249		12/08/04 0617	bjt
	Aroclor 1016	1.3	U		0.41	1.3	1.00000	ug/L	137249		12/08/04 0617	bjt
	Aroclor 1221	1.3	U		0.34	1.3	1.00000	ug/L	137249		12/08/04 0617	bjt
	Aroclor 1232	1.3	U		0.42	1.3	1.00000	ug/L	137249		12/08/04 0617	bjt
	Aroclor 1242	1.5	U		0.47	1.5	1.00000	ug/L	137249		12/08/04 0617	bjt
	Aroclor 1248	1.3	U		0.34	1.3	1.00000	ug/L	137249		12/08/04 0617	bjt
	Aroclor 1254	0.58	U		0.17	0.58	1.00000	ug/L	137249		12/08/04 0617	bjt
	Aroclor 1260											

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/17/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP T4 AOCs

ATTN: Eric Ellits

Customer Sample ID: ASYmw-009-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-6
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	QI FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
82608	Volatile Organics										
	Chloromethane	1.0	U	0.080	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Vinyl chloride	1.0	U	0.080	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Bromomethane	1.0	U	0.10	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Chloroethane	1.0	U	0.080	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	1,1-Dichloroethene	1.0	U	0.12	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Carbon disulfide	5.0	U	0.20	5.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Acetone	10	U	1.8	10	1.00000	ug/L	137206		12/15/04 1715	jdj
	Methylene chloride	1.5	U	0.35	1.5	1.00000	ug/L	137206		12/15/04 1715	jdj
	trans-1,2-Dichloroethene	1.0	U	0.14	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	1,1-Dichloroethane	1.0	U	0.11	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	cis-1,2-Dichloroethene	1.0	U	0.090	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	2-Butanone (MEK)	10	U	1.2	10	1.00000	ug/L	137206		12/15/04 1715	jdj
	Bromochloromethane	1.0	U	0.10	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Chloroform	1.0	U	0.11	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	1,1,1-Trichloroethane	1.0	U	0.080	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Carbon tetrachloride	1.0	U	0.13	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Benzene	1.0	U	0.090	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	1,2-Dichloroethane	1.0	U	0.090	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Trichloroethene	1.0	U	0.10	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	1,2-Dichloropropane	1.0	U	0.12	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Bromodichloromethane	1.0	U	0.11	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	cis-1,3-Dichloropropene	1.0	U	0.12	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	4-Methyl-2-pentanone (MIBK)	10	U	0.65	10	1.00000	ug/L	137206		12/15/04 1715	jdj
	Toluene	1.0	U	0.10	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	trans-1,3-Dichloropropene	1.0	U	0.15	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	1,1,2-Trichloroethane	1.0	U	0.15	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Tetrachloroethene	1.0	U	0.090	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	2-Hexanone	10	U	0.53	10	1.00000	ug/L	137206		12/15/04 1715	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/17/2004

CUSTOMER: HCN Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Elits

Customer Sample ID: ASYMW-009-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-6
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	137206		12/15/04 1715	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS										Date: 12/16/2004		
Job Number: 232409					PROJECT: USACE RVAAP 14 AGCS					ATTN: Eric Ellis		
CUSTOMER: MKM Engineers, Inc.					Customer Sample ID: ASYmw-009-GW					Laboratory Sample ID: 232409-6		
					Date Sampled.....: 12/02/2004					Date Received.....: 12/03/2004		
					Time Sampled.....: 14:50					Time Received.....: 10:00		
					Sample Matrix.....: Water							
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.8	U	0.34	4.8	1.00000	ug/L	137222		12/09/04 1848	dpk	
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U	0.29	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk	
	1,3-Dichlorobenzene, Low Level Water	1.9	U	0.41	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk	
	1,4-Dichlorobenzene, Low Level Water	1.9	U	0.32	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk	
	1,2-Dichlorobenzene, Low Level Water	1.9	U	0.34	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk	
	Benzyl alcohol, Low Level Water	19	U	2.1	19	1.00000	ug/L	137222		12/09/04 1848	dpk	
	2-Methylphenol (o-cresol), Low Level Water	1.9	U	0.25	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk	
	2,2-oxybis (1-chloropropene), Low Level Water	1.9	U	0.27	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk	
	n-Nitroso-di-n-propylamine, Low Level Water	0.48	U	0.078	0.48	1.00000	ug/L	137222		12/09/04 1848	dpk	
	Hexachloroethane, Low Level Water	4.8	U	0.59	4.8	1.00000	ug/L	137222		12/09/04 1848	dpk	
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U	0.096	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk	
	2-Chlorophenol, Low Level Water	4.8	U	0.12	4.8	1.00000	ug/L	137222		12/09/04 1848	dpk	
	Nitrobenzene, Low Level Water	0.96	U	0.15	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk	
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U	0.30	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk	
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U	0.33	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk	
	Benzoic acid, Low Level Water	19	U	2.9	19	1.00000	ug/L	137222		12/09/04 1848	dpk	
	Isophorone, Low Level Water	1.9	U	0.25	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk	
	2,4-Dimethylphenol, Low Level Water	9.6	U	1.2	9.6	1.00000	ug/L	137222		12/09/04 1848	dpk	
	Hexachlorobutadiene, Low Level Water	4.8	U	0.62	4.8	1.00000	ug/L	137222		12/09/04 1848	dpk	
	Naphthalene, Low Level Water	0.96	U	0.15	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk	
	2,4-Dichlorophenol, Low Level Water	9.6	U	0.87	9.6	1.00000	ug/L	137222		12/09/04 1848	dpk	
	4-Chloroaniline, Low Level Water	9.6	U	2.7	9.6	1.00000	ug/L	137222		12/09/04 1848	dpk	
	2,4,6-Trichlorophenol, Low Level Water	4.8	U	0.20	4.8	1.00000	ug/L	137222		12/09/04 1848	dpk	
	2,4,5-Trichlorophenol, Low Level Water	9.6	U	1.3	9.6	1.00000	ug/L	137222		12/09/04 1848	dpk	
	Hexachlorocyclopentadiene, Low Level Water	19	U	0.62	19	1.00000	ug/L	137222		12/09/04 1848	dpk	
	2-Methylnaphthalene, Low Level Water	0.48	U	0.12	0.48	1.00000	ug/L	137222		12/09/04 1848	dpk	
	2-Nitroaniline, Low Level Water	4.8	U	0.21	4.8	1.00000	ug/L	137222		12/09/04 1848	dpk	
	2-Chloronaphthalene, Low Level Water	1.9	U	0.25	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS										Date: 12/16/2004	
Job Number: 232409				PROJECT: USAGE RVAAP 14 AOCs				ATTN: Eric Ellis			
Customer Sample ID: ASYmw-009-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 14:50 Sample Matrix.....: Water						Laboratory Sample ID: 232409-6 Date Received.....: 12/03/2004 Time Received.....: 10:00					
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.6	U	2.3	9.6	1.00000	ug/L	137222		12/09/04 1848	dpk
	2,6-Dinitrotoluene, Low Level Water	0.48	U	0.11	0.48	1.00000	ug/L	137222		12/09/04 1848	dpk
	2-Nitrophenol, Low Level Water	9.6	U	0.79	9.6	1.00000	ug/L	137222		12/09/04 1848	dpk
	3-Nitroaniline, Low Level Water	9.6	U	2.0	9.6	1.00000	ug/L	137222		12/09/04 1848	dpk
	Dimethyl phthalate, Low Level Water	1.9	U	0.20	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk
	2,4-Dinitrophenol, Low Level Water	19	U	3.2	19	1.00000	ug/L	137222		12/09/04 1848	dpk
	Acenaphthylene, Low Level Water	0.96	U	0.12	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk
	2,4-Dinitrotoluene, Low Level Water	0.96	U	0.12	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk
	Acenaphthene, Low Level Water	0.96	U	0.12	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk
	Dibenzofuran, Low Level Water	1.9	U	0.12	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk
	4-Nitrophenol, Low Level Water	19	U	3.6	19	1.00000	ug/L	137222		12/09/04 1848	dpk
	Fluorene, Low Level Water	0.96	U	0.12	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk
	4-Nitroaniline, Low Level Water	9.6	U	2.2	9.6	1.00000	ug/L	137222		12/09/04 1848	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.8	U	0.18	4.8	1.00000	ug/L	137222		12/09/04 1848	dpk
	Hexachlorobenzene, Low Level Water	0.48	U	0.093	0.48	1.00000	ug/L	137222		12/09/04 1848	dpk
	Diethyl phthalate, Low Level Water	1.9	U	0.14	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.8	U	0.72	4.8	1.00000	ug/L	137222		12/09/04 1848	dpk
	Pentachlorophenol, Low Level Water	9.6	U	1.6	9.6	1.00000	ug/L	137222		12/09/04 1848	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.96	U	0.12	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U	2.3	19	1.00000	ug/L	137222		12/09/04 1848	dpk
	Phenanthrene, Low Level Water	0.96	U	0.13	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk
	Anthracene, Low Level Water	0.96	U	0.14	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk
	Carbazole, Low Level Water	4.8	U	0.28	4.8	1.00000	ug/L	137222		12/09/04 1848	dpk
	Di-n-butyl phthalate, Low Level Water	4.8	U	0.35	4.8	1.00000	ug/L	137222		12/09/04 1848	dpk
	Fluoranthene, Low Level Water	0.96	U	0.13	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk
	Pyrene, Low Level Water	0.96	U	0.12	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U	0.37	1.9	1.00000	ug/L	137222		12/09/04 1848	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U	0.047	0.19	1.00000	ug/L	137222		12/09/04 1848	dpk
	Chrysene, Low Level Water	0.48	U	0.043	0.48	1.00000	ug/L	137222		12/09/04 1848	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/16/2004

CUSTOMER: PKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYmw-009-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 14:50
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-6
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.8	U		0.69	4.8	1.00000	ug/L	137222		12/09/04 1848	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U		3.7	14	1.00000	ug/L	137222		12/09/04 1848	dpk
	Di-n-octyl phthalate, Low Level Water	9.6	U		2.4	9.6	1.00000	ug/L	137222		12/09/04 1848	dpk
	Benzo(b)fluoranthene, Low Level Water	0.38	U		0.064	0.38	1.00000	ug/L	137222		12/09/04 1848	dpk
	Benzo(k)fluoranthene, Low Level Water	0.38	U		0.069	0.38	1.00000	ug/L	137222		12/09/04 1848	dpk
	Benzo(a)pyrene, Low Level Water	0.38	U		0.081	0.38	1.00000	ug/L	137222		12/09/04 1848	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.38	U		0.083	0.38	1.00000	ug/L	137222		12/09/04 1848	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.38	U		0.12	0.38	1.00000	ug/L	137222		12/09/04 1848	dpk
	Benzo(ghi)perylene, Low Level Water	0.96	U		0.18	0.96	1.00000	ug/L	137222		12/09/04 1848	dpk

* In Description = Dry Wgt.

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Job Number: 232409		LABORATORY TEST RESULTS						Date: 12/21/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: ASYmw-010-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water			Laboratory Sample ID: 232409-5 Date Received.....: 12/03/2004 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	PDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.46	U		0.10	0.46	1.00000	ug/L	137479		12/15/04 0737	san
	RDX	0.30	U		0.096	0.30	1.00000	ug/L	137479		12/15/04 0737	san
	1,3,5-Trinitrobenzene	0.30	U		0.087	0.30	1.00000	ug/L	137479		12/15/04 0737	san
	1,3-Dinitrobenzene	0.30	U		0.082	0.30	1.00000	ug/L	137479		12/15/04 0737	san
	Nitrobenzene	0.24	U		0.066	0.24	1.00000	ug/L	137479		12/15/04 0737	san
	2,4,6-TNT	0.38	U		0.12	0.38	1.00000	ug/L	137479		12/15/04 0737	san
	Tetryl	1.2	U		0.25	1.2	1.00000	ug/L	137479		12/15/04 0737	san
	2,4-Dinitrotoluene	0.54	U		0.18	0.54	1.00000	ug/L	137479		12/15/04 0737	san
	2,6-Dinitrotoluene	0.64	U		0.21	0.64	1.00000	ug/L	137479		12/15/04 0737	san
	2-Amino-4,6-Dinitrotoluene	0.54	U		0.18	0.54	1.00000	ug/L	137479		12/15/04 0737	san
	4-Amino-2,6-Dinitrotoluene	0.50	U		0.17	0.50	1.00000	ug/L	137479		12/15/04 0737	san
	2-Nitrotoluene	0.46	U		0.14	0.46	1.00000	ug/L	137479		12/15/04 0737	san
	4-Nitrotoluene	0.46	U		0.15	0.46	1.00000	ug/L	137479		12/15/04 0737	san
	3-Nitrotoluene	0.46	U		0.15	0.46	1.00000	ug/L	137479		12/15/04 0737	san
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.5	U		0.22	1.5	1.00000	ug/L	137473		12/08/04 0727	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: ASYmw-009-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L030390-006 Work Order #...: GX9151AC Matrix.....: WATER
Date Sampled...: 12/02/04 14:50 Date Received...: 12/03/04
Prep Date.....: 12/08/04 Analysis Date...: 12/09/04
Prep Batch #...: 4342546
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: ASYmw-009-GW

General Chemistry

Lot-Sample #...: G4L030390-006
Date Sampled...: 12/02/04

Work Order #...: GX915
Date Received...: 12/03/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	12/15-12/16/04	4351318
		MDL.....: 0.12				

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LABORATORY TEST RESULTS												
Job Number: 232409								Date: 12/29/2004				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCS				ATTN: Eric Ellis				
Customer Sample ID: ASYMW-010-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water						Laboratory Sample ID: 232409-5 Date Received.....: 12/03/2004 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7196A	Hexavalent Chromium Hexavalent Chromium	0.010		U	0.0016	0.010	1	mg/L	136079		12/03/04 1201	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											
Job Number: 232409						Date: 12/22/2004					
CUSTOMER: MKM Engineers, Inc.				PROJECT: USAGE RVAAP 14 AGCS				ATTN: Eric Ellis			
Customer Sample ID: ASYm-010-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water						Laboratory Sample ID: 232409-5 Date Received.....: 12/03/2004 Time Received.....: 10:00					
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U	2.5	7.5	1	ug/L	136351		12/06/04 2232	daj
7060A	Arsenic (GFAA) Arsenic	40		0.51	2.0	1	ug/L	136355		12/06/04 2337	daj
7421	Lead (GFAA) Lead	8.3		0.79	3.0	1	ug/L	136730		12/09/04 1237	daj
7841	Thallium (GFAA) Thallium	4.0	U	1.3	4.0	1	ug/L	136346		12/07/04 0706	daj
7470A	Mercury (CVAA) Mercury	0.20	U	0.063	0.20	1	ug/L	137125		12/14/04 1602	gok
6010B	Metals Analysis (ICAP Trace)										
	Aluminum	150	U	24	150	1	ug/L	137178		12/15/04 2331	tds
	Barium	54		1.3	10	1	ug/L	137178		12/15/04 2331	tds
	Beryllium	2.0	U	0.25	2.0	1	ug/L	137178		12/15/04 2331	tds
	Cadmium	2.0	U	0.25	2.0	1	ug/L	137178		12/15/04 2331	tds
	Calcium	89000		9.5	100	1	ug/L	137178		12/15/04 2331	tds
	Chromium	10	U	1.1	10	1	ug/L	137178		12/15/04 2331	tds
	Cobalt	5.0	U	0.80	5.0	1	ug/L	137178		12/15/04 2331	tds
	Copper	10	U	2.2	10	1	ug/L	137178		12/15/04 2331	tds
	Iron	1600		38	120	1	ug/L	137178		12/15/04 2331	tds
	Magnesium	79000		8.1	100	1	ug/L	137178		12/15/04 2331	tds
	Manganese	85		0.41	10	1	ug/L	137178		12/15/04 2331	tds
	Nickel	10	U	1.0	10	1	ug/L	137178		12/15/04 2331	tds
	Potassium	4600		66	500	1	ug/L	137178		12/15/04 2331	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: Z32409						Date: 12/22/2004						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: ASYmw-010-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water						Laboratory Sample ID: 232409-5 Date Received.....: 12/03/2004 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15		U	3.0	15	1	ug/L	137178		12/15/04 2331	tds
	Silver	10		U	0.72	10	1	ug/L	137178		12/15/04 2331	tds
	Sodium	46000			490	1500	1	ug/L	137178		12/15/04 2331	tds
	Vanadium	10		U	1.0	10	1	ug/L	137178		12/15/04 2331	tds
	Zinc	8.4		B	1.6	30	1	ug/L	137178		12/15/04 2331	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/17/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: ASYmw-010-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-5
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	REL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.046	0.15	1.00000	ug/L	137343		12/12/04 1433	kdL
	beta-BHC	0.098	U		0.027	0.098	1.00000	ug/L	137343		12/12/04 1433	kdL
	delta-BHC	0.098	U		0.025	0.098	1.00000	ug/L	137343		12/12/04 1433	kdL
	gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	137343		12/12/04 1433	kdL
	Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	137343		12/12/04 1433	kdL
	Aldrin	0.098	U		0.027	0.098	1.00000	ug/L	137343		12/12/04 1433	kdL
	Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	137343		12/12/04 1433	kdL
	Endosulfan I	0.098	U		0.021	0.098	1.00000	ug/L	137343		12/12/04 1433	kdL
	Dieldrin	0.098	U		0.018	0.098	1.00000	ug/L	137343		12/12/04 1433	kdL
	4,4'-DDE	0.098	U		0.023	0.098	1.00000	ug/L	137343		12/12/04 1433	kdL
	Endrin	0.098	U		0.017	0.098	1.00000	ug/L	137343		12/12/04 1433	kdL
	Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	137343		12/12/04 1433	kdL
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	137343		12/12/04 1433	kdL
	Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	137343		12/12/04 1433	kdL
	4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	137343		12/12/04 1433	kdL
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	137343		12/12/04 1433	kdL
	alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	137343		12/12/04 1433	kdL
	gamma-Chlordane	0.098	U		0.017	0.098	1.00000	ug/L	137343		12/12/04 1433	kdL
	Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	137343		12/12/04 1433	kdL
	Endrin ketone	0.098	U		0.028	0.098	1.00000	ug/L	137343		12/12/04 1433	kdL
	Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	137343		12/12/04 1433	kdL

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/16/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE R/V/ADP 14 AGCS

ATTN: Eric ELLIS

Customer Sample ID: ASYMW-010-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-5
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis										
	Aroclor 1016	0.59	U	0.18	0.59	1.00000	ug/L	137249		12/08/04 0503	bjt
	Aroclor 1221	1.3	U	0.41	1.3	1.00000	ug/L	137249		12/08/04 0503	bjt
	Aroclor 1232	1.3	U	0.34	1.3	1.00000	ug/L	137249		12/08/04 0503	bjt
	Aroclor 1242	1.3	U	0.42	1.3	1.00000	ug/L	137249		12/08/04 0503	bjt
	Aroclor 1248	1.5	U	0.47	1.5	1.00000	ug/L	137249		12/08/04 0503	bjt
	Aroclor 1254	1.3	U	0.34	1.3	1.00000	ug/L	137249		12/08/04 0503	bjt
	Aroclor 1260	0.59	U	0.17	0.59	1.00000	ug/L	137249		12/08/04 0503	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/17/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYMW-010-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-5
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	137206		12/15/04 1651	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	137206		12/15/04 1651	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	137206		12/15/04 1651	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	137206		12/15/04 1651	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1651	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	137206		12/15/04 1651	jdj

* In Description = Dry Wgt.

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Job Number: 232409		LABORATORY TEST RESULTS					Date: 12/17/2004					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADSS			ATTN: Eric Ellis						
Customer Sample ID: ASYMW-010-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water			Laboratory Sample ID: 232409-5 Date Received.....: 12/03/2004 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RI	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	137206		12/15/04 1651	jch
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	137206		12/15/04 1651	jch
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1651	jch
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	137206		12/15/04 1651	jch
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	137206		12/15/04 1651	jch
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1651	jch
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	137206		12/15/04 1651	jch
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1651	jch
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1651	jch
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	137206		12/15/04 1651	jch
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	137206		12/15/04 1651	jch

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232409						Date: 12/16/2004						
CUSTOMER: MCM Engineers, Inc.				PROJECT: USACE RVARP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: ASYMW-010-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 13:45 Sample Matrix.....: Water						Laboratory Sample ID: 232409-5 Date Received.....: 12/03/2004 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.7	U		0.33	4.7	1.00000	ug/L	137222		12/09/04 1654	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.28	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.40	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.31	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	137222		12/09/04 1654	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.24	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.26	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.47	U		0.076	0.47	1.00000	ug/L	137222		12/09/04 1654	dpk
	Hexachloroethane, Low Level Water	4.7	U		0.57	4.7	1.00000	ug/L	137222		12/09/04 1654	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.093	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk
	2-Chlorophenol, Low Level Water	4.7	U		0.11	4.7	1.00000	ug/L	137222		12/09/04 1654	dpk
	Nitrobenzene, Low Level Water	0.93	U		0.15	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk
	Benzoic acid, Low Level Water	19	U		2.8	19	1.00000	ug/L	137222		12/09/04 1654	dpk
	Isophorone, Low Level Water	1.9	U		0.24	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk
	2,4-Dimethylphenol, Low Level Water	9.3	U		1.2	9.3	1.00000	ug/L	137222		12/09/04 1654	dpk
	Hexachlorobutadiene, Low Level Water	4.7	U		0.60	4.7	1.00000	ug/L	137222		12/09/04 1654	dpk
	Naphthalene, Low Level Water	0.93	U		0.15	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk
	2,4-Dichlorophenol, Low Level Water	9.3	U		0.85	9.3	1.00000	ug/L	137222		12/09/04 1654	dpk
	4-Chloroaniline, Low Level Water	9.3	U		2.6	9.3	1.00000	ug/L	137222		12/09/04 1654	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.7	U		0.20	4.7	1.00000	ug/L	137222		12/09/04 1654	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.3	U		1.3	9.3	1.00000	ug/L	137222		12/09/04 1654	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U	*	0.61	19	1.00000	ug/L	137222		12/09/04 1654	dpk
	2-Methylnaphthalene, Low Level Water	0.47	U		0.12	0.47	1.00000	ug/L	137222		12/09/04 1654	dpk
	2-Nitroaniline, Low Level Water	4.7	U		0.21	4.7	1.00000	ug/L	137222		12/09/04 1654	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.24	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS										Date: 12/16/2004			
Job Number: 232409				CUSTOMER: HCN Engineers, Inc.				PROJECT: USACE RVAAP 14 MOCS				ATTN: Eric Ellis	
Customer Sample ID: ASYMW-010-GW						Laboratory Sample ID: 232409-5							
Date Sampled: 12/02/2004						Date Received: 12/03/2004							
Time Sampled: 13:45						Time Received: 10:00							
Sample Matrix: Water													
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	NDL	RL	DILUTION	UNITS	BATCH	BT	DATE/TIME	TECH		
	4-Chloro-3-methylphenol, Low Level Water	9.3	U	2.2	9.3	1.00000	ug/L	137222		12/09/04 1654	dpk		
	2,6-Dinitrotoluene, Low Level Water	0.47	U	0.10	0.47	1.00000	ug/L	137222		12/09/04 1654	dpk		
	2-Nitrophenol, Low Level Water	9.3	U	0.77	9.3	1.00000	ug/L	137222		12/09/04 1654	dpk		
	3-Nitroaniline, Low Level Water	9.3	U	2.0	9.3	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Dimethyl phthalate, Low Level Water	1.9	U	0.20	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk		
	2,4-Dinitrophenol, Low Level Water	19	U	3.1	19	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Acenaphthylene, low Level Water	0.93	U	0.11	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk		
	2,4-Dinitrotoluene, Low Level Water	0.93	U	0.12	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Acenaphthene, Low Level Water	0.93	U	0.11	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Dibenzofuran, Low Level Water	1.9	U	0.12	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk		
	4-Nitrophenol, Low Level Water	19	U	3.5	19	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Fluorene, Low Level Water	0.93	U	0.12	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk		
	4-Nitroaniline, Low Level Water	9.3	U	2.1	9.3	1.00000	ug/L	137222		12/09/04 1654	dpk		
	4-Bromophenyl phenyl ether, Low Level Water	4.7	U	0.18	4.7	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Hexachlorobenzene, Low Level Water	0.47	U	0.091	0.47	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Diethyl phthalate, Low Level Water	1.9	U	0.14	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk		
	4-Chlorophenyl phenyl ether, Low Level Water	4.7	U	0.70	4.7	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Pentachlorophenol, Low Level Water	9.3	U	1.6	9.3	1.00000	ug/L	137222		12/09/04 1654	dpk		
	n-Nitrosodiphenylamine, Low Level Water	0.93	U	0.12	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk		
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U	2.2	19	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Phenanthrene, Low Level Water	0.93	U	0.13	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Anthracene, Low Level Water	0.93	U	0.14	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Carbazole, Low Level Water	4.7	U	0.27	4.7	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Di-n-butyl phthalate, Low Level Water	4.7	U	0.34	4.7	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Fluoranthene, Low Level Water	0.93	U	0.13	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Pyrene, Low Level Water	0.93	U	0.11	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Butyl benzyl phthalate, Low Level Water	1.9	U	0.36	1.9	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Benzo(a)anthracene, Low Level Water	0.19	U	0.046	0.19	1.00000	ug/L	137222		12/09/04 1654	dpk		
	Chrysene, Low Level Water	0.47	U	0.042	0.47	1.00000	ug/L	137222		12/09/04 1654	dpk		

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/16/2004

CUSTOMER: RKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: ASYm-010-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 13:45
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-5
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	QI FLAGS	MDL	KL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.7	U	0.67	4.7	1.00000	ug/L	137222		12/09/04 1654	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U	3.6	14	1.00000	ug/L	137222		12/09/04 1654	dpk
	Di-n-octyl phthalate, Low Level Water	9.3	U	2.3	9.3	1.00000	ug/L	137222		12/09/04 1654	dpk
	Benzo(b)fluoranthene, Low Level Water	0.37	U	0.063	0.37	1.00000	ug/L	137222		12/09/04 1654	dpk
	Benzo(k)fluoranthene, Low Level Water	0.37	U	0.067	0.37	1.00000	ug/L	137222		12/09/04 1654	dpk
	Benzo(a)pyrene, Low Level Water	0.37	U	0.079	0.37	1.00000	ug/L	137222		12/09/04 1654	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.37	U	0.080	0.37	1.00000	ug/L	137222		12/09/04 1654	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.37	U	0.12	0.37	1.00000	ug/L	137222		12/09/04 1654	dpk
	Benzo(ghi)perylene, Low Level Water	0.93	U	0.18	0.93	1.00000	ug/L	137222		12/09/04 1654	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232409						Date: 12/21/2004						
CUSTOMER: NKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADS				ATTN: Eric Ellis				
Customer Sample ID: ASYMW-009-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 14:50 Sample Matrix.....: Water						Laboratory Sample ID: 232409-6 Date Received.....: 12/03/2004 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)	0.46	U		0.10	0.46	1.00000	ug/L	137479		12/15/04 0810	san
	HMX	0.30	U		0.095	0.30	1.00000	ug/L	137479		12/15/04 0810	san
	RDX	0.30	U		0.086	0.30	1.00000	ug/L	137479		12/15/04 0810	san
	1,3,5-Trinitrobenzene	0.30	U		0.082	0.30	1.00000	ug/L	137479		12/15/04 0810	san
	1,3-Dinitrobenzene	0.24	U		0.065	0.24	1.00000	ug/L	137479		12/15/04 0810	san
	Nitrobenzene	0.37	U		0.12	0.37	1.00000	ug/L	137479		12/15/04 0810	san
	2,4,6-TNT	1.2	U		0.24	1.2	1.00000	ug/L	137479		12/15/04 0810	san
	Tetryl	0.53	U		0.18	0.53	1.00000	ug/L	137479		12/15/04 0810	san
	2,4-Dinitrotoluene	0.64	U		0.21	0.64	1.00000	ug/L	137479		12/15/04 0810	san
	2,6-Dinitrotoluene	0.53	U		0.18	0.53	1.00000	ug/L	137479		12/15/04 0810	san
	2-Amino-4,6-Dinitrotoluene	0.49	U		0.17	0.49	1.00000	ug/L	137479		12/15/04 0810	san
	4-Amino-2,6-Dinitrotoluene	0.46	U		0.14	0.46	1.00000	ug/L	137479		12/15/04 0810	san
	2-Nitrotoluene	0.46	U		0.15	0.46	1.00000	ug/L	137479		12/15/04 0810	san
	4-Nitrotoluene	0.46	U		0.15	0.46	1.00000	ug/L	137479		12/15/04 0810	san
3-Nitrotoluene												
8332M	NG/PETN by 8332M (HPLC) Nitroglycerine	1.5	U	a	0.22	1.5	1.00000	ug/L	137473		12/08/04 0802	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: ASYmw-010-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L030390-005 Work Order #...: GX9141AC Matrix.....: WATER
Date Sampled...: 12/02/04 13:45 Date Received...: 12/03/04
Prep Date.....: 12/08/04 Analysis Date...: 12/09/04
Prep Batch #...: 4342546
Dilution Factor: 1 Initial Wgt/Vol: 10 mL Final Wgt/Vol...: 10 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>DETECTION</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: ASYmw-010-GW

General Chemistry

Lot-Sample #...: G4L030390-005
Date Sampled...: 12/02/04

Work Order #...: GX914
Date Received...: 12/03/04

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrocellulose	ND	0.50	mg/L	MCAWW 353.2	12/15-12/16/04	4351318
		MDL.....: 0.12				