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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: B12mw-012-GW			Laboratory Sample ID: 233624-4									
Date Sampled.....: 01/19/2005			Date Received.....: 01/20/2005									
Time Sampled.....: 14:30			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
	Selenium	15		U	3.0	15	1	ug/L	140536		01/28/05 0125	tds
	Silver	10		U	0.72	10	1	ug/L	140536		01/28/05 0125	tds
	Sodium	14000			490	1500	1	ug/L	140642		01/28/05 1909	tds
	Vanadium	10		U	1.0	10	1	ug/L	140536		01/28/05 0125	tds
	Zinc	4.9		B	1.6	30	1	ug/L	140536		01/28/05 0125	tds

* 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 AGCS				ATTN: Eric Ellis				
Customer Sample ID: B12mw-012-GW					Laboratory Sample ID: 233624-4							
Date Sampled: 01/19/2005					Date Received: 01/20/2005							
Time Sampled: 14:30					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
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.14	U		0.045	0.14	1.00000	ug/L	141101		01/28/05 0859	kdL
	beta-BHC	0.095	U		0.027	0.095	1.00000	ug/L	141101		01/28/05 0859	kdL
	delta-BHC	0.095	U		0.024	0.095	1.00000	ug/L	141101		01/28/05 0859	kdL
	gamma-BHC (Lindane)	0.14	U		0.040	0.14	1.00000	ug/L	141101		01/28/05 0859	kdL
	Heptachlor	0.14	U		0.039	0.14	1.00000	ug/L	141101		01/28/05 0859	kdL
	Aldrin	0.095	U		0.027	0.095	1.00000	ug/L	141101		01/28/05 0859	kdL
	Heptachlor epoxide	0.14	U		0.034	0.14	1.00000	ug/L	141101		01/28/05 0859	kdL
	Endosulfan I	0.095	U		0.020	0.095	1.00000	ug/L	141101		01/28/05 0859	kdL
	Dieldrin	0.095	U		0.017	0.095	1.00000	ug/L	141101		01/28/05 0859	kdL
	4,4'-DDE	0.095	U		0.022	0.095	1.00000	ug/L	141101		01/28/05 0859	kdL
	Endrin	0.095	U		0.016	0.095	1.00000	ug/L	141101		01/28/05 0859	kdL
	Endosulfan II	0.14	U		0.040	0.14	1.00000	ug/L	141101		01/28/05 0859	kdL
	4,4'-DDD	0.10	U		0.034	0.10	1.00000	ug/L	141101		01/28/05 0859	kdL
	Endosulfan sulfate	0.14	U		0.042	0.14	1.00000	ug/L	141101		01/28/05 0859	kdL
	4,4'-DDT	0.14	U		0.047	0.14	1.00000	ug/L	141101		01/28/05 0859	kdL
	Methoxychlor	0.57	U		0.16	0.57	1.00000	ug/L	141101		01/28/05 0859	kdL
	alpha-Chlordane	0.048	U		0.015	0.048	1.00000	ug/L	141101		01/28/05 0859	kdL
	gamma-Chlordane	0.095	U		0.016	0.095	1.00000	ug/L	141101		01/28/05 0859	kdL
	Endrin aldehyde	0.14	U		0.033	0.14	1.00000	ug/L	141101		01/28/05 0859	kdL
	Endrin ketone	0.095	U		0.028	0.095	1.00000	ug/L	141101		01/28/05 0859	kdL
	Toxaphene	0.48	U		0.13	0.48	1.00000	ug/L	141101		01/28/05 0859	kdL

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LABORATORY TEST RESULTS												
Job Number: 233624								Date:02/01/2005				
CUSTOMER: MCM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: B12mw-012-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 14:30 Sample Matrix.....: Water						Laboratory Sample ID: 233624-4 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	0.57	U		0.17	0.57	1.00000	ug/L	140817		01/27/05 1637	bjt
	Aroclor 1221	1.2	U		0.40	1.2	1.00000	ug/L	140817		01/27/05 1637	bjt
	Aroclor 1232	1.2	U		0.33	1.2	1.00000	ug/L	140817		01/27/05 1637	bjt
	Aroclor 1242	1.2	U		0.41	1.2	1.00000	ug/L	140817		01/27/05 1637	bjt
	Aroclor 1248	1.4	U		0.46	1.4	1.00000	ug/L	140817		01/27/05 1637	bjt
	Aroclor 1254	1.2	U		0.33	1.2	1.00000	ug/L	140817		01/27/05 1637	bjt
	Aroclor 1260	0.57	U		0.16	0.57	1.00000	ug/L	140817		01/27/05 1637	bjt

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LABORATORY TEST RESULTS

Job Number: 233624 Date: 02/03/2005

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

Customer Sample ID: B12MW-012-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 14:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-4
 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 1835	jmp
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Acetone	10	U		1.8	10	1.00000	ug/L	140790		01/31/05 1835	jmp
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140790		01/31/05 1835	jmp
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140790		01/31/05 1835	jmp
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140790		01/31/05 1835	jmp
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140790		01/31/05 1835	jmp

* 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: B12mw-012-GW						Laboratory Sample ID: 233624-4						
Date Sampled.....: 01/19/2005						Date Received.....: 01/20/2005						
Time Sampled.....: 14:30						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 1835	jmp
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	1,2-Dichloroethane (total)	1.0	U		0.23	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140790		01/31/05 1835	jmp

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LABORATORY TEST RESULTS

Date: 02/01/2005

Job Number: 233624

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: B12mw-012-GW
 Date Sampled.....: 01/19/2005
 Time Sampled.....: 14:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233624-4
 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	Semivolatle Organics	4.7	U	0.33	4.7	1.00000	ug/L	140773		01/26/05 1401	dpk	
	Phenol, Low Level Water	1.9	U	0.28	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk	
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U	0.40	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk	
	1,3-Dichlorobenzene, Low Level Water	1.9	U	0.31	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk	
	1,4-Dichlorobenzene, Low Level Water	1.9	U	0.33	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk	
	1,2-Dichlorobenzene, Low Level Water	1.9	U	2.1	19	1.00000	ug/L	140773		01/26/05 1401	dpk	
	Benzyl alcohol, Low Level Water	1.9	U	0.24	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk	
	2-Methylphenol (o-cresol), Low Level Water	1.9	U	0.26	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk	
	2,2-oxybis (1-chloropropane), Low Level Water	0.47	U	0.076	0.47	1.00000	ug/L	140773		01/26/05 1401	dpk	
	n-Nitroso-di-n-propylamine, Low Level Water	4.7	U	0.57	4.7	1.00000	ug/L	140773		01/26/05 1401	dpk	
	Hexachloroethane, Low Level Water	1.9	U	0.093	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk	
	4-Methylphenol (m/p-cresol), Low Level Water	4.7	U	0.11	4.7	1.00000	ug/L	140773		01/26/05 1401	dpk	
	2-Chlorophenol, Low Level Water	0.93	U	0.15	0.93	1.00000	ug/L	140773		01/26/05 1401	dpk	
	Nitrobenzene, Low Level Water	1.9	U	0.29	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk	
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U	0.32	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk	
	1,2,4-Trichlorobenzene, Low Level Water	19	U	2.8	19	1.00000	ug/L	140773		01/26/05 1401	dpk	
	Benzoic acid, Low Level Water	1.9	U	0.24	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk	
	Isophorone, Low Level Water	9.3	U	1.2	9.3	1.00000	ug/L	140773		01/26/05 1401	dpk	
	2,4-Dimethylphenol, Low Level Water	4.7	U	0.60	4.7	1.00000	ug/L	140773		01/26/05 1401	dpk	
	Hexachlorobutadiene, Low Level Water	0.93	U	0.15	0.93	1.00000	ug/L	140773		01/26/05 1401	dpk	
	Naphthalene, Low Level Water	9.3	U	0.85	9.3	1.00000	ug/L	140773		01/26/05 1401	dpk	
	2,4-Dichlorophenol, Low Level Water	9.3	U	2.6	9.3	1.00000	ug/L	140773		01/26/05 1401	dpk	
	4-Chloroaniline, Low Level Water	4.7	U	0.20	4.7	1.00000	ug/L	140773		01/26/05 1401	dpk	
	2,4,6-Trichlorophenol, Low Level Water	9.3	U	1.3	9.3	1.00000	ug/L	140773		01/26/05 1401	dpk	
	2,4,5-Trichlorophenol, Low Level Water	19	U	0.61	19	1.00000	ug/L	140773		01/26/05 1401	dpk	
	Hexachlorocyclopentadiene, Low Level Water	0.47	U	0.12	0.47	1.00000	ug/L	140773		01/26/05 1401	dpk	
	2-Methylnaphthalene, Low Level Water	4.7	U	0.21	4.7	1.00000	ug/L	140773		01/26/05 1401	dpk	
	2-Nitroaniline, Low Level Water	1.9	U	0.24	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk	
	2-Chloronaphthalene, Low Level Water											

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Job Number: 233624		LABORATORY TEST RESULTS						Date:02/01/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP-14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: B12mw-012-GW			Laboratory Sample ID: 233624-4									
Date Sampled.....: 01/19/2005			Date Received.....: 01/20/2005									
Time Sampled.....: 14:30			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
	4-Chloro-3-methylphenol, Low Level Water	9.3	U		2.2	9.3	1.00000	ug/L	140773		01/26/05 1401	dpk
	2,6-Dinitrotoluene, Low Level Water	0.47	U		0.10	0.47	1.00000	ug/L	140773		01/26/05 1401	dpk
	2-Nitrophenol, Low Level Water	9.3	U		0.77	9.3	1.00000	ug/L	140773		01/26/05 1401	dpk
	3-Nitroaniline, Low Level Water	9.3	U		2.0	9.3	1.00000	ug/L	140773		01/26/05 1401	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.1	19	1.00000	ug/L	140773		01/26/05 1401	dpk
	Acenaphthylene, Low Level Water	0.93	U		0.11	0.93	1.00000	ug/L	140773		01/26/05 1401	dpk
	2,4-Dinitrotoluene, Low Level Water	0.93	U		0.12	0.93	1.00000	ug/L	140773		01/26/05 1401	dpk
	Acenaphthene, Low Level Water	0.93	U		0.11	0.93	1.00000	ug/L	140773		01/26/05 1401	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.12	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk
	4-Nitrophenol, Low Level Water	19	U		3.5	19	1.00000	ug/L	140773		01/26/05 1401	dpk
	Fluorene, Low Level Water	0.93	U		0.12	0.93	1.00000	ug/L	140773		01/26/05 1401	dpk
	4-Nitroaniline, Low Level Water	9.3	U		2.1	9.3	1.00000	ug/L	140773		01/26/05 1401	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.7	U		0.18	4.7	1.00000	ug/L	140773		01/26/05 1401	dpk
	Hexachlorobenzene, Low Level Water	0.47	U		0.091	0.47	1.00000	ug/L	140773		01/26/05 1401	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.14	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.7	U		0.70	4.7	1.00000	ug/L	140773		01/26/05 1401	dpk
	Pentachlorophenol, Low Level Water	9.3	U		1.6	9.3	1.00000	ug/L	140773		01/26/05 1401	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.93	U		0.12	0.93	1.00000	ug/L	140773		01/26/05 1401	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.2	19	1.00000	ug/L	140773		01/26/05 1401	dpk
	Phenanthrene, Low Level Water	0.93	U		0.13	0.93	1.00000	ug/L	140773		01/26/05 1401	dpk
	Anthracene, Low Level Water	0.93	U		0.14	0.93	1.00000	ug/L	140773		01/26/05 1401	dpk
	Carbazole, Low Level Water	4.7	U		0.27	4.7	1.00000	ug/L	140773		01/26/05 1401	dpk
	Di-n-butyl phthalate, Low Level Water	4.7	U		0.34	4.7	1.00000	ug/L	140773		01/26/05 1401	dpk
	Fluoranthene, Low Level Water	0.93	U		0.13	0.93	1.00000	ug/L	140773		01/26/05 1401	dpk
	Pyrene, Low Level Water	0.93	U		0.11	0.93	1.00000	ug/L	140773		01/26/05 1401	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.36	1.9	1.00000	ug/L	140773		01/26/05 1401	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.046	0.19	1.00000	ug/L	140773		01/26/05 1401	dpk
	Chrysene, Low Level Water	0.47	U		0.042	0.47	1.00000	ug/L	140773		01/26/05 1401	dpk

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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: B12mw-012-GW Date Sampled.....: 01/19/2005 Time Sampled.....: 14:30 Sample Matrix.....: Water						Laboratory Sample ID: 233624-4 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	4.7	U		0.67	4.7	1.00000	ug/L	140773		01/26/05 1401	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U		3.6	14	1.00000	ug/L	140773		01/26/05 1401	dpk
	Di-n-octyl phthalate, Low Level Water	9.3	U		2.3	9.3	1.00000	ug/L	140773		01/26/05 1401	dpk
	Benzo(b)fluoranthene, Low Level Water	0.37	U		0.063	0.37	1.00000	ug/L	140773		01/26/05 1401	dpk
	Benzo(k)fluoranthene, Low Level Water	0.37	U		0.067	0.37	1.00000	ug/L	140773		01/26/05 1401	dpk
	Benzo(a)pyrene, Low Level Water	0.37	U		0.079	0.37	1.00000	ug/L	140773		01/26/05 1401	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.37	U		0.080	0.37	1.00000	ug/L	140773		01/26/05 1401	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.37	U		0.12	0.37	1.00000	ug/L	140773		01/26/05 1401	dpk
	Benzo(ghi)perylene, Low Level Water	0.93	U		0.18	0.93	1.00000	ug/L	140773		01/26/05 1401	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 RYAMP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: 812mw-012-GW Laboratory Sample ID: 233624-4
 Date Sampled.....: 01/19/2005 Date Received.....: 01/20/2005
 Time Sampled.....: 14:30 Time Received.....: 10:00
 Sample Matrix.....: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	QT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.43		U	0.095	0.43	1.00000	ug/L	140653		01/26/05 0626	san
	RDX	0.28		U	0.090	0.28	1.00000	ug/L	140653		01/26/05 0626	san
	1,3,5-Trinitrobenzene	0.28		U	0.081	0.28	1.00000	ug/L	140653		01/26/05 0626	san
	1,3-Dinitrobenzene	0.28		U	0.077	0.28	1.00000	ug/L	140653		01/26/05 0626	san
	Nitrobenzene	0.22		U	0.062	0.22	1.00000	ug/L	140653		01/26/05 0626	san
	2,4,6-TNT	0.35		U	0.11	0.35	1.00000	ug/L	140653		01/26/05 0626	san
	Tetryl	1.1		U	0.23	1.1	1.00000	ug/L	140653		01/26/05 0626	san
	2,4-Dinitrotoluene	0.50		U	0.17	0.50	1.00000	ug/L	140653		01/26/05 0626	san
	2,6-Dinitrotoluene	0.60		U	0.20	0.60	1.00000	ug/L	140653		01/26/05 0626	san
	2-Amino-4,6-Dinitrotoluene	0.50		U	0.17	0.50	1.00000	ug/L	140653		01/26/05 0626	san
	4-Amino-2,6-Dinitrotoluene	0.46		U	0.16	0.46	1.00000	ug/L	140653		01/26/05 0626	san
	2-Nitrotoluene	0.43		U	0.13	0.43	1.00000	ug/L	140653		01/26/05 0626	san
	4-Nitrotoluene	0.43		U	0.14	0.43	1.00000	ug/L	140653		01/26/05 0626	san
3-Nitrotoluene	0.43		U	0.14	0.43	1.00000	ug/L	140653		01/26/05 0626	san	
8332M	MG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.4		U	0.21	1.4	1.00000	ug/L	140663		01/26/05 1420	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: B12mw-012-GW

Trace Level Organic Compounds

Lot-Sample #...: G5A200209-002 Work Order #...: G2XQW1AC Matrix.....: WATER
Date Sampled...: 01/19/05 14:30 Date Received...: 01/20/05
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: B12mw-012-GW

General Chemistry

Lot-Sample #...: G5A200209-002
Date Sampled...: 01/19/05

Work Order #...: G2XQW
Date Received...: 01/20/05

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	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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LABORATORY TEST RESULTS											
Job Number: 233685								Date: 02/03/2005			
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RYAMP 14 AOCs				ATTN: Eric Ellis			
Customer Sample ID: BKGW-010-GW Date Sampled.....: 01/21/2005 Time Sampled.....: 15:00 Sample Matrix.....: Water						Laboratory Sample ID: 233685-5 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
7041	Antimony (GFAA) Antimony	7.5	U	2.5	7.5	1	ug/L	140534		01/27/05 1953	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U	0.51	2.0	1	ug/L	140662		01/28/05 1443	daj
7421	Lead (GFAA) Lead	3.0	U	0.79	3.0	1	ug/L	140683		01/28/05 2025	daj
7841	Thallium (GFAA) Thallium	4.0	U	1.3	4.0	1	ug/L	140464		01/27/05 0120	daj
7470A	Mercury (CVAA) Mercury	0.20	U	0.063	0.20	1	ug/L	140763		01/28/05 1342	gok
6010B	Metals Analysis (ICAP Trace)										
	Aluminum	140	B	24	150	1	ug/L	140536		01/28/05 0300	tds
	Barium	19		1.3	10	1	ug/L	140536		01/28/05 0300	tds
	Beryllium	2.0	U	0.25	2.0	1	ug/L	140536		01/28/05 0300	tds
	Cadmium	2.0	U	0.25	2.0	1	ug/L	140536		01/28/05 0300	tds
	Calcium	11000		9.5	100	1	ug/L	140536		01/28/05 0300	tds
	Chromium	10	U	1.1	10	1	ug/L	140536		01/28/05 0300	tds
	Cobalt	5.0	U	0.80	5.0	1	ug/L	140536		01/28/05 0300	tds
	Copper	10	U	2.2	10	1	ug/L	140536		01/28/05 0300	tds
	Iron	120	U	38	120	1	ug/L	140536		01/28/05 0300	tds
	Magnesium	14000		8.1	100	1	ug/L	140536		01/28/05 0300	tds
	Manganese	760		0.41	10	1	ug/L	140536		01/28/05 0300	tds
	Nickel	74		1.0	10	1	ug/L	140536		01/28/05 0300	tds
	Potassium	750		66	500	1	ug/L	140536		01/28/05 0300	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233685								Date: 02/03/2005				
CUSTOMER: NKH Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: BK6mw-010-GW Date Sampled.....: 01/21/2005 Time Sampled.....: 15:00 Sample Matrix.....: Water						Laboratory Sample ID: 233685-5 Date Received.....: 01/22/2005 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	R	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	140536		01/28/05 0300	tds
	Silver	10	U		0.72	10	1	ug/L	140536		01/28/05 0300	tds
	Sodium	3900			490	1500	1	ug/L	140642		01/28/05 2046	tds
	Vanadium	10	U		1.0	10	1	ug/L	140536		01/28/05 0300	tds
	Zinc	30			1.6	30	1	ug/L	140536		01/28/05 0300	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											
Job Number: 233685						Date: 02/04/2005					
CUSTOMER: MKM Engineers, Inc.						PROJECT: USAGE RVAAP 14 AOCs			ATTN: Eric Ellis		
Customer Sample ID: BKGmw-010-GW Date Sampled.....: 01/21/2005 Time Sampled.....: 15:00 Sample Matrix.....: Water						Laboratory Sample ID: 233685-5 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
8081A	Organochlorine Pesticide Analysis										
	alpha-BHC	0.15	U	0.046	0.15	1.00000	ug/L	141140		01/27/05 0251	bjt
	beta-BHC	0.097	U	0.027	0.097	1.00000	ug/L	141140		01/27/05 0251	bjt
	delta-BHC	0.097	U	0.024	0.097	1.00000	ug/L	141140		01/27/05 0251	bjt
	gamma-BHC (Lindane)	0.15	U	0.041	0.15	1.00000	ug/L	141140		01/27/05 0251	bjt
	Heptachlor	0.15	U	0.040	0.15	1.00000	ug/L	141140		01/27/05 0251	bjt
	Aldrin	0.097	U	0.027	0.097	1.00000	ug/L	141140		01/27/05 0251	bjt
	Heptachlor epoxide	0.15	U	0.035	0.15	1.00000	ug/L	141140		01/27/05 0251	bjt
	Endosulfan I	0.097	U	0.020	0.097	1.00000	ug/L	141140		01/27/05 0251	bjt
	Dieldrin	0.097	U	0.017	0.097	1.00000	ug/L	141140		01/27/05 0251	bjt
	4,4'-DDE	0.097	U	0.022	0.097	1.00000	ug/L	141140		01/27/05 0251	bjt
	Endrin	0.097	U	0.017	0.097	1.00000	ug/L	141140		01/27/05 0251	bjt
	Endosulfan II	0.15	U	0.041	0.15	1.00000	ug/L	141140		01/27/05 0251	bjt
	4,4'-DDD	0.11	U	0.035	0.11	1.00000	ug/L	141140		01/27/05 0251	bjt
	Endosulfan sulfate	0.15	U	0.043	0.15	1.00000	ug/L	141140		01/27/05 0251	bjt
	4,4'-DDT	0.15	U	0.048	0.15	1.00000	ug/L	141140		01/27/05 0251	bjt
	Methoxychlor	0.58	U	0.17	0.58	1.00000	ug/L	141140		01/27/05 0251	bjt
	alpha-Chlordane	0.049	U	0.016	0.049	1.00000	ug/L	141140		01/27/05 0251	bjt
	gamma-Chlordane	0.097	U	0.017	0.097	1.00000	ug/L	141140		01/27/05 0251	bjt
	Endrin aldehyde	0.15	U	0.034	0.15	1.00000	ug/L	141140		01/27/05 0251	bjt
	Endrin ketone	0.097	U	0.028	0.097	1.00000	ug/L	141140		01/27/05 0251	bjt
	Toxaphene	0.49	U	0.14	0.49	1.00000	ug/L	141140		01/27/05 0251	bjt

* 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 ADCS				ATTN: Eric Ellis				
Customer Sample ID: BKGW-010-GW Date Sampled.....: 01/21/2005 Time Sampled.....: 15:00 Sample Matrix.....: Water						Laboratory Sample ID: 233685-5 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
8082	PCB Analysis											
	Aroclor 1016	0.58	U		0.17	0.58	1.0000	ug/L	141003		01/26/05 0001	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.0000	ug/L	141003		01/26/05 0001	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.0000	ug/L	141003		01/26/05 0001	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.0000	ug/L	141003		01/26/05 0001	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.0000	ug/L	141003		01/26/05 0001	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.0000	ug/L	141003		01/26/05 0001	bjt
	Aroclor 1260	0.58	U		0.17	0.58	1.0000	ug/L	141003		01/26/05 0001	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: BKGmw-010-GW Date Sampled: 01/21/2005 Time Sampled: 15:00 Sample Matrix: Water					Laboratory Sample ID: 233685-5 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 0539	lm
	Vinyl chloride	1.0	U	0.080	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Bromomethane	1.0	U *	0.10	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Chloroethane	1.0	U	0.080	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	1,1-Dichloroethene	1.0	U	0.12	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Carbon disulfide	5.0	U	0.20	5.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Acetone	10	U	1.8	10	1.00000	ug/L	140908		02/02/05 0539	lm
	Methylene chloride	1.5	U	0.35	1.5	1.00000	ug/L	140908		02/02/05 0539	lm
	trans-1,2-Dichloroethene	1.0	U	0.14	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	1,1-Dichloroethane	1.0	U	0.11	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	cis-1,2-Dichloroethene	1.0	U	0.090	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	2-Butanone (MEK)	10	U	1.2	10	1.00000	ug/L	140908		02/02/05 0539	lm
	Bromochloromethane	1.0	U	0.10	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Chloroform	1.0	U	0.11	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	1,1,1-Trichloroethane	1.0	U	0.080	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Carbon tetrachloride	1.0	U	0.13	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Benzene	1.0	U	0.090	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	1,2-Dichloroethane	1.0	U	0.090	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Trichloroethene	1.0	U	0.10	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	1,2-Dichloropropane	1.0	U	0.12	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Bromodichloromethane	1.0	U	0.11	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	cis-1,3-Dichloropropene	1.0	U	0.12	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	4-Methyl-2-pentanone (MIBK)	10	U	0.65	10	1.00000	ug/L	140908		02/02/05 0539	lm
	Toluene	1.0	U	0.10	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	trans-1,3-Dichloropropene	1.0	U	0.15	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	1,1,2-Trichloroethane	1.0	U	0.15	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Tetrachloroethene	1.0	U	0.090	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	2-Hexanone	10	U	0.53	10	1.00000	ug/L	140908		02/02/05 0539	lm

* In Description = Dry Wgt.

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Job Number: 233685 LABORATORY TEST RESULTS Date: 02/03/2005

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

Customer Sample ID: BKGmw-010-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-5
 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
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140908		02/02/05 0539	lm
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	140908		02/02/05 0539	lm
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140908		02/02/05 0539	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233685						Date: 02/04/2005						
CUSTOMER: MKM Engineers, Inc.						PROJECT: USACE RYAP 14 AGCS			ATTN: Eric Ellis			
Customer Sample ID: BKGW-010-GW Date Sampled: 01/21/2005 Time Sampled: 15:00 Sample Matrix: Water						Laboratory Sample ID: 233685-5 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
8270C	Semivolatiles Organics											
	Phenol, Low Level Water	4.9	U		0.34	4.9	1.00000	ug/L	141183		01/31/05 0816	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.42	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	141183		01/31/05 0816	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	141183		01/31/05 0816	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.60	4.9	1.00000	ug/L	141183		01/31/05 0816	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.098	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	141183		01/31/05 0816	dpk
	Nitrobenzene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	Benzoic acid, Low Level Water	20	U		2.9	20	1.00000	ug/L	141183		01/31/05 0816	dpk
	Isophorone, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	2,4-Dimethylphenol, Low Level Water	9.8	U		1.3	9.8	1.00000	ug/L	141183		01/31/05 0816	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.63	4.9	1.00000	ug/L	141183		01/31/05 0816	dpk
	Naphthalene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk
	2,4-Dichlorophenol, Low Level Water	9.8	U		0.89	9.8	1.00000	ug/L	141183		01/31/05 0816	dpk
	4-Chloroaniline, Low Level Water	9.8	U		2.7	9.8	1.00000	ug/L	141183		01/31/05 0816	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	141183		01/31/05 0816	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.8	U		1.4	9.8	1.00000	ug/L	141183		01/31/05 0816	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.64	20	1.00000	ug/L	141183		01/31/05 0816	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	141183		01/31/05 0816	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.22	4.9	1.00000	ug/L	141183		01/31/05 0816	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk

* In Description = Dry Wgt.

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Job Number: 233685		LABORATORY TEST RESULTS						Date:02/04/2005				
CUSTOMER: MKI Engineers, Inc.			PROJECT: USACE RMAAP 14 ADCS			ATTN: Eric Ellis						
Customer Sample ID: BKGW-010-GW			Laboratory Sample ID: 233685-5									
Date Sampled.....: 01/21/2005			Date Received.....: 01/22/2005									
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
	4-Chloro-3-methylphenol, Low Level Water	9.8	U		2.4	9.8	1.00000	ug/L	141183		01/31/05 0816	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	141183		01/31/05 0816	dpk
	2-Nitrophenol, Low Level Water	9.8	U		0.80	9.8	1.00000	ug/L	141183		01/31/05 0816	dpk
	3-Nitroaniline, Low Level Water	9.8	U		2.1	9.8	1.00000	ug/L	141183		01/31/05 0816	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.2	20	1.00000	ug/L	141183		01/31/05 0816	dpk
	Acenaphthylene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk
	2,4-Dinitrotoluene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk
	Acenaphthene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	4-Nitrophenol, Low Level Water	20	U		3.6	20	1.00000	ug/L	141183		01/31/05 0816	dpk
	Fluorene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk
	4-Nitroaniline, Low Level Water	9.8	U		2.3	9.8	1.00000	ug/L	141183		01/31/05 0816	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.19	4.9	1.00000	ug/L	141183		01/31/05 0816	dpk
	Hexachlorobenzene, Low Level Water	0.49	U		0.095	0.49	1.00000	ug/L	141183		01/31/05 0816	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.74	4.9	1.00000	ug/L	141183		01/31/05 0816	dpk
	Pentachlorophenol, Low Level Water	9.8	U		1.7	9.8	1.00000	ug/L	141183		01/31/05 0816	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	141183		01/31/05 0816	dpk
	Phenanthrene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk
	Anthracene, Low Level Water	0.98	U		0.15	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	141183		01/31/05 0816	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	141183		01/31/05 0816	dpk
	Fluoranthene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk
	Pyrene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.38	2.0	1.00000	ug/L	141183		01/31/05 0816	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.048	0.20	1.00000	ug/L	141183		01/31/05 0816	dpk
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	141183		01/31/05 0816	dpk

* 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: BKG1W-010-GW						Laboratory Sample ID: 233685-5						
Date Sampled: 01/21/2005						Date Received: 01/22/2005						
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
	3,3-Dichlorobenzidine, Low Level Water	4.9	U		0.71	4.9	1.00000	ug/L	141183		01/31/05 0816	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	141183		01/31/05 0816	dpk
	Di-n-octyl phthalate, Low Level Water	9.8	U		2.5	9.8	1.00000	ug/L	141183		01/31/05 0816	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.066	0.39	1.00000	ug/L	141183		01/31/05 0816	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.071	0.39	1.00000	ug/L	141183		01/31/05 0816	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	141183		01/31/05 0816	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.084	0.39	1.00000	ug/L	141183		01/31/05 0816	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	141183		01/31/05 0816	dpk
	Benzo(ghi)perylene, Low Level Water	0.98	U		0.19	0.98	1.00000	ug/L	141183		01/31/05 0816	dpk

* In Description = Dry Wgt.

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Job Number: 233685

LABORATORY TEST RESULTS

Date:02/03/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: BKGmw-010-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-5
 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 2312	san
	RDX	0.20	U		0.064	0.20	1.00000	ug/L	140977		01/25/05 2312	san
	1,3,5-Trinitrobenzene	0.20	U		0.058	0.20	1.00000	ug/L	140977		01/25/05 2312	san
	1,3-Dinitrobenzene	0.20	U		0.055	0.20	1.00000	ug/L	140977		01/25/05 2312	san
	Nitrobenzene	0.16	U		0.044	0.16	1.00000	ug/L	140977		01/25/05 2312	san
	2,4,6-TNT	0.25	U		0.078	0.25	1.00000	ug/L	140977		01/25/05 2312	san
	Tetryl	0.78	U		0.16	0.78	1.00000	ug/L	140977		01/25/05 2312	san
	2,4-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	140977		01/25/05 2312	san
	2,6-Dinitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	140977		01/25/05 2312	san
	2-Amino-4,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	140977		01/25/05 2312	san
	4-Amino-2,6-Dinitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	140977		01/25/05 2312	san
	2-Nitrotoluene	0.31	U		0.093	0.31	1.00000	ug/L	140977		01/25/05 2312	san
	4-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	140977		01/25/05 2312	san
	3-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	140977		01/25/05 2312	san
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.0	U		0.15	1.0	1.00000	ug/L	141033		01/26/05 2349	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: BKGmw-010-GW

Trace Level Organic Compounds

Lot-Sample #...: G5A220174-003 Work Order #...: G233F1AC
Date Sampled...: 01/21/05 15:00 Date Received...: 01/22/05
Prep Date...: 01/26/05 Analysis Date...: 01/26/05
Prep Batch #...: 5026288
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: BKGmw-010-GW

General Chemistry

Lot-Sample #...: G5A220174-003

Work Order #...: G233F

Matrix.....: WATER

Date Sampled...: 01/21/05

Date Received...: 01/22/05

<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	0.12 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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LABORATORY TEST RESULTS

Job Number: 233426

Date: 01/25/2005

CUSTOMER: MCM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Elzls

Customer Sample ID: LNMW-024-GW
 Date Sampled.....: 01/12/2005
 Time Sampled.....: 09:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233426-2
 Date Received.....: 01/13/2005
 Time Received.....: 10:30

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	139654		01/17/05 1715	daj
7060A	Arsenic (GFAA) Arsenic	2.0		U	0.51	2.0	1	ug/L	139685		01/17/05 1528	daj
7421	Lead (GFAA) Lead	1.3		B	0.79	3.0	1	ug/L	139852		01/18/05 1810	daj
7841	Thallium (GFAA) Thallium	2.0		B	1.3	4.0	1	ug/L	139652		01/18/05 0132	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	139596		01/14/05 1447	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150		U	24	150	1	ug/L	139815		01/19/05 1633	tds
	Barium	46		U	1.3	10	1	ug/L	139815		01/19/05 1633	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	139815		01/19/05 1633	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	139815		01/19/05 1633	tds
	Calcium	85000		U	9.5	100	1	ug/L	139815		01/19/05 1633	tds
	Chromium	10		U	1.1	10	1	ug/L	139815		01/19/05 1633	tds
	Cobalt	5.0		U	0.80	5.0	1	ug/L	139815		01/19/05 1633	tds
	Copper	10		U	2.2	10	1	ug/L	139815		01/19/05 1633	tds
	Iron	120		U	38	120	1	ug/L	139927		01/20/05 1516	tds
	Magnesium	32000		U	8.1	100	1	ug/L	139815		01/19/05 1633	tds
	Manganese	310		U	0.41	10	1	ug/L	139815		01/19/05 1633	tds
	Nickel	2.0		B	1.0	10	1	ug/L	139815		01/19/05 1633	tds
	Potassium	3200		U	66	500	1	ug/L	139815		01/19/05 1633	tds

* In Description = Dry Wgt.

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Job Number: 233426		LABORATORY TEST RESULTS					Date:01/25/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RYAAP 14 ADES			ATTN: Eric Elfs						
Customer Sample ID: LNHmw-024-GW			Laboratory Sample ID: 233426-2									
Date Sampled.....: 01/12/2005			Date Received.....: 01/13/2005									
Time Sampled.....: 09:00			Time Received.....: 10:30									
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	139815		01/19/05 1633	tds
	Silver	10	U		0.72	10	1	ug/L	139815		01/19/05 1633	tds
	Sodium	9400			490	1500	1	ug/L	139927		01/20/05 1516	tds
	Vanadium	1.6	B		1.0	10	1	ug/L	139815		01/19/05 1633	tds
	Zinc	25	B		1.6	30	1	ug/L	139815		01/19/05 1633	tds

* In Description = Dry Wgt.

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Job Number: 233426		LABORATORY TEST RESULTS						Date: 01/27/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE: RVAAP 14 AGDS			ATTN: Eric Ellis						
Customer Sample ID: LNWM-024-GW Date Sampled.....: 01/12/2005 Time Sampled.....: 09:00 Sample Matrix.....: Water			Laboratory Sample ID: 233426-2 Date Received.....: 01/13/2005 Time Received.....: 10:30									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDI	RI	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.14	U		0.045	0.14	1.00000	ug/L	140416		01/17/05 1529	kdl
	beta-BHC	0.096	U		0.027	0.096	1.00000	ug/L	140416		01/17/05 1529	kdl
	delta-BHC	0.096	U		0.024	0.096	1.00000	ug/L	140416		01/17/05 1529	kdl
	gamma-BHC (Lindane)	0.14	U		0.040	0.14	1.00000	ug/L	140416		01/17/05 1529	kdl
	Heptachlor	0.14	U		0.039	0.14	1.00000	ug/L	140416		01/17/05 1529	kdl
	Aldrin	0.096	U		0.027	0.096	1.00000	ug/L	140416		01/17/05 1529	kdl
	Heptachlor epoxide	0.14	U		0.035	0.14	1.00000	ug/L	140416		01/17/05 1529	kdl
	Endosulfan I	0.096	U		0.020	0.096	1.00000	ug/L	140416		01/17/05 1529	kdl
	Dieldrin	0.096	U		0.017	0.096	1.00000	ug/L	140416		01/17/05 1529	kdl
	4,4'-DDE	0.096	U		0.022	0.096	1.00000	ug/L	140416		01/17/05 1529	kdl
	Endrin	0.096	U		0.016	0.096	1.00000	ug/L	140416		01/17/05 1529	kdl
	Endosulfan II	0.14	U		0.040	0.14	1.00000	ug/L	140416		01/17/05 1529	kdl
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	140416		01/17/05 1529	kdl
	Endosulfan sulfate	0.14	U		0.042	0.14	1.00000	ug/L	140416		01/17/05 1529	kdl
	4,4'-DDT	0.14	U		0.047	0.14	1.00000	ug/L	140416		01/17/05 1529	kdl
	Methoxychlor	0.58	U		0.16	0.58	1.00000	ug/L	140416		01/17/05 1529	kdl
	alpha-Chlordane	0.048	U		0.015	0.048	1.00000	ug/L	140416		01/17/05 1529	kdl
	gamma-Chlordane	0.096	U		0.016	0.096	1.00000	ug/L	140416		01/17/05 1529	kdl
	Endrin aldehyde	0.14	U		0.034	0.14	1.00000	ug/L	140416		01/17/05 1529	kdl
	Endrin ketone	0.096	U	*	0.028	0.096	1.00000	ug/L	140416		01/17/05 1529	kdl
	Toxaphene	0.48	U		0.13	0.48	1.00000	ug/L	140416		01/17/05 1529	kdl

* In Description = Dry Wgt.

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Job Number: 233426		LABORATORY TEST RESULTS						Date:01/26/2005				
CUSTOMER: MKK Engineers, Inc.			PROJECT: USACE RAMP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: LNHmw-024-GW Date Sampled.....: 01/12/2005 Time Sampled.....: 09:00 Sample Matrix.....: Water			Laboratory Sample ID: 233426-2 Date Received.....: 01/13/2005 Time Received.....: 10:30									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.58	U		0.17	0.58	1.00000	ug/L	140343		01/17/05 1815	bjt
	Aroclor 1221	1.2	U		0.40	1.2	1.00000	ug/L	140343		01/17/05 1815	bjt
	Aroclor 1232	1.2	U		0.34	1.2	1.00000	ug/L	140343		01/17/05 1815	bjt
	Aroclor 1242	1.2	U		0.41	1.2	1.00000	ug/L	140343		01/17/05 1815	bjt
	Aroclor 1248	1.4	U		0.46	1.4	1.00000	ug/L	140343		01/17/05 1815	bjt
	Aroclor 1254	1.2	U		0.34	1.2	1.00000	ug/L	140343		01/17/05 1815	bjt
	Aroclor 1260	0.58	U		0.16	0.58	1.00000	ug/L	140343		01/17/05 1815	bjt

* In Description = Dry Wgt.

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Job Number: 233426		LABORATORY TEST RESULTS					Date: 01/20/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP: 14 AOCs			ATTN: Eric Ellis					
Customer Sample ID: LNWm-024-GW Date Sampled.....: 01/12/2005 Time Sampled.....: 09:00 Sample Matrix.....: Water			Laboratory Sample ID: 233426-2 Date Received.....: 01/13/2005 Time Received.....: 10:30								
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 2001	jdj
	Vinyl chloride	1.0	U	0.080	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Bromomethane	1.0	U	0.10	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Chloroethane	1.0	U	0.080	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	1,1-Dichloroethene	1.0	U	0.12	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Carbon disulfide	5.0	U	0.20	5.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Acetone	10	U	1.8	10	1.00000	ug/L	139628		01/17/05 2001	jdj
	Methylene chloride	2.4	U	0.35	1.5	1.00000	ug/L	139628		01/17/05 2001	jdj
	trans-1,2-Dichloroethene	1.0	U	0.14	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	1,1-Dichloroethane	1.0	U	0.11	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	cis-1,2-Dichloroethene	1.0	U	0.090	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	2-Butanone (MEK)	10	U	1.2	10	1.00000	ug/L	139628		01/17/05 2001	jdj
	Bromochloromethane	1.0	U	0.10	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Chloroform	1.0	U	0.11	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	1,1,1-Trichloroethane	1.0	U	0.080	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Carbon tetrachloride	1.0	U	0.13	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Benzene	1.0	U	0.090	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	1,2-Dichloroethane	1.0	U	0.090	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Trichloroethene	1.0	U	0.10	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	1,2-Dichloropropane	1.0	U	0.12	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Bromodichloromethane	1.0	U	0.11	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	cis-1,3-Dichloropropene	1.0	U	0.12	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	4-Methyl-2-pentanone (MIBK)	10	U	0.65	10	1.00000	ug/L	139628		01/17/05 2001	jdj
	Toluene	1.0	U	0.10	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	trans-1,3-Dichloropropene	1.0	U	0.15	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	1,1,2-Trichloroethane	1.0	U	0.15	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Tetrachloroethene	1.0	U	0.090	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	2-Hexanone	10	U	0.53	10	1.00000	ug/L	139628		01/17/05 2001	jdj

* In Description = Dry Wgt.

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Job Number: 233426		LABORATORY TEST RESULTS					Date: 01/20/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellits						
Customer Sample ID: LNW04-024-GW			Laboratory Sample ID: 233426-2									
Date Sampled.....: 01/12/2005			Date Received.....: 01/13/2005									
Time Sampled.....: 09:00			Time Received.....: 10:30									
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	139628		01/17/05 2001	jdj
	1,2-Dibromoethane (EDB)	1.0	U	*	0.13	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	1,2-Dichloroethane (total)	1.0	U		0.23	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	139628		01/17/05 2001	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233426								Date: 01/21/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USAGE RVAAP 14 ADDS				ATTN: Eric Ellis				
Customer Sample ID: LNWM-024-GW Date Sampled: 01/12/2005 Time Sampled: 09:00 Sample Matrix: Water						Laboratory Sample ID: 233426-2 Date Received: 01/13/2005 Time Received: 10:30						
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	5.1	U		0.36	5.1	1.00000	ug/L	139958		01/17/05 1316	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.44	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.36	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	139958		01/17/05 1316	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.51	U		0.083	0.51	1.00000	ug/L	139958		01/17/05 1316	dpk
	Hexachloroethane, Low Level Water	5.1	U		0.62	5.1	1.00000	ug/L	139958		01/17/05 1316	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.10	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	2-Chlorophenol, Low Level Water	5.1	U		0.12	5.1	1.00000	ug/L	139958		01/17/05 1316	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	Benzoic acid, Low Level Water	20	U		3.1	20	1.00000	ug/L	139958		01/17/05 1316	dpk
	Isophorone, Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	139958		01/17/05 1316	dpk
	Hexachlorobutadiene, Low Level Water	5.1	U		0.65	5.1	1.00000	ug/L	139958		01/17/05 1316	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.93	10	1.00000	ug/L	139958		01/17/05 1316	dpk
	4-Chloroaniline, Low Level Water	10	U		2.9	10	1.00000	ug/L	139958		01/17/05 1316	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.1	U		0.21	5.1	1.00000	ug/L	139958		01/17/05 1316	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	139958		01/17/05 1316	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.66	20	1.00000	ug/L	139958		01/17/05 1316	dpk
	2-Methylnaphthalene, Low Level Water	0.51	U		0.13	0.51	1.00000	ug/L	139958		01/17/05 1316	dpk
	2-Nitroaniline, Low Level Water	5.1	U		0.22	5.1	1.00000	ug/L	139958		01/17/05 1316	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk

* In Description = Dry Wgt.

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Job Number: 233426		LABORATORY TEST RESULTS						Date: 01/21/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AODS				ATTN: Eric Ellis					
Customer Sample ID: LNMW-024-GW Date Sampled.....: 01/12/2005 Time Sampled.....: 09:00 Sample Matrix.....: Water			Laboratory Sample ID: 233426-2 Date Received.....: 01/13/2005 Time Received.....: 10:30									
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	10	U		2.4	10	1.00000	ug/L	139958		01/17/05 1316	dpk
	2,6-Dinitrotoluene, Low Level Water	0.51	U		0.11	0.51	1.00000	ug/L	139958		01/17/05 1316	dpk
	2-Nitrophenol, Low Level Water	10	U		0.84	10	1.00000	ug/L	139958		01/17/05 1316	dpk
	3-Nitroaniline, Low Level Water	10	U		2.1	10	1.00000	ug/L	139958		01/17/05 1316	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.4	20	1.00000	ug/L	139958		01/17/05 1316	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	4-Nitrophenol, Low Level Water	20	U		3.8	20	1.00000	ug/L	139958		01/17/05 1316	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	4-Nitroaniline, Low Level Water	10	U		2.3	10	1.00000	ug/L	139958		01/17/05 1316	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.1	U		0.19	5.1	1.00000	ug/L	139958		01/17/05 1316	dpk
	Hexachlorobenzene, Low Level Water	0.51	U		0.099	0.51	1.00000	ug/L	139958		01/17/05 1316	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.1	U		0.77	5.1	1.00000	ug/L	139958		01/17/05 1316	dpk
	Pentachlorophenol, Low Level Water	10	U		1.7	10	1.00000	ug/L	139958		01/17/05 1316	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	139958		01/17/05 1316	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	Carbazole, Low Level Water	5.1	U		0.30	5.1	1.00000	ug/L	139958		01/17/05 1316	dpk
	Di-n-butyl phthalate, Low Level Water	5.1	U		0.37	5.1	1.00000	ug/L	139958		01/17/05 1316	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.40	2.0	1.00000	ug/L	139958		01/17/05 1316	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.050	0.20	1.00000	ug/L	139958		01/17/05 1316	dpk
	Chrysene, Low Level Water	0.51	U		0.046	0.51	1.00000	ug/L	139958		01/17/05 1316	dpk

* In Description = Dry Wgt.

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Job Number: 233426		LABORATORY TEST RESULTS						Date: 01/21/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RYAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LNMW-024-GW Date Sampled.....: 01/12/2005 Time Sampled.....: 09:00 Sample Matrix.....: Water			Laboratory Sample ID: 233426-2 Date Received.....: 01/13/2005 Time Received.....: 10:30									
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	139958		01/17/05 1316	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		4.0	15	1.00000	ug/L	139958		01/17/05 1316	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	139958		01/17/05 1316	dpk
	Benzo(b)fluoranthene, Low Level Water	0.41	U		0.068	0.41	1.00000	ug/L	139958		01/17/05 1316	dpk
	Benzo(k)fluoranthene, Low Level Water	0.41	U		0.073	0.41	1.00000	ug/L	139958		01/17/05 1316	dpk
	Benzo(a)pyrene, Low Level Water	0.41	U		0.086	0.41	1.00000	ug/L	139958		01/17/05 1316	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.41	U		0.088	0.41	1.00000	ug/L	139958		01/17/05 1316	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.41	U		0.13	0.41	1.00000	ug/L	139958		01/17/05 1316	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.19	1.0	1.00000	ug/L	139958		01/17/05 1316	dpk

* In Description = Dry Wgt.

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Job Number: 233426		LABORATORY TEST RESULTS						Date: 01/26/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAXP 14 AGCS				ACTN: Eric Ellis					
Customer Sample ID: LNMW-024-GW Date Sampled: 01/12/2005 Time Sampled: 09:00 Sample Matrix: Water			Laboratory Sample ID: 233426-2 Date Received: 01/13/2005 Time Received: 10:30									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.45	U		0.099	0.45	1.00000	ug/L	140328		01/14/05 1339	san
	RDX	0.29	U		0.093	0.29	1.00000	ug/L	140328		01/14/05 1339	san
	1,3,5-Trinitrobenzene	0.29	U		0.084	0.29	1.00000	ug/L	140328		01/14/05 1339	san
	1,3-Dinitrobenzene	0.29	U		0.080	0.29	1.00000	ug/L	140328		01/14/05 1339	san
	Nitrobenzene	0.23	U		0.064	0.23	1.00000	ug/L	140328		01/14/05 1339	san
	2,4,6-TNT	0.36	U		0.11	0.36	1.00000	ug/L	140328		01/14/05 1339	san
	Tetryl	1.1	U		0.24	1.1	1.00000	ug/L	140328		01/14/05 1339	san
	2,4-Dinitrotoluene	0.52	U		0.18	0.52	1.00000	ug/L	140328		01/14/05 1339	san
	2,6-Dinitrotoluene	0.62	U		0.21	0.62	1.00000	ug/L	140328		01/14/05 1339	san
	2-Amino-4,6-Dinitrotoluene	0.52	U		0.17	0.52	1.00000	ug/L	140328		01/14/05 1339	san
	4-Amino-2,6-Dinitrotoluene	0.48	U		0.16	0.48	1.00000	ug/L	140328		01/14/05 1339	san
	2-Nitrotoluene	0.45	U		0.13	0.45	1.00000	ug/L	140328		01/14/05 1339	san
	4-Nitrotoluene	0.45	U		0.15	0.45	1.00000	ug/L	140328		01/14/05 1339	san
3-Nitrotoluene	0.45	U		0.15	0.45	1.00000	ug/L	140328		01/14/05 1339	san	
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.5	U		0.22	1.5	1.00000	ug/L	140322		01/14/05 0939	san	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LNwmw-024-GW

Trace Level Organic Compounds

Lot-Sample #....: G5A130351-002 Work Order #....: G2KH71AC
Date Sampled....: 01/12/05 09:00 Date Received...: 01/13/05
Prep Date.....: 01/17/05 Analysis Date...: 01/19/05
Prep Batch #....: 5017486
Dilution Factor: 1 Initial Wgt/Vol: 10 mL

Matrix.....: WG

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: LNww-024-GW

General Chemistry

Lot-Sample #...: G5A130351-002
Date Sampled...: 01/12/05

Work Order #...: G2KH7
Date Received...: 01/13/05

Matrix.....: WG

<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	01/17-01/18/05	5017497
		MDL.....: 0.12				

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Job Number: 233426		LABORATORY TEST RESULTS						Date: 01/25/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOC5				ATTN: Eric Ellis					
Customer Sample ID: LNMW-025-GW Date Sampled.....: 01/12/2005 Time Sampled.....: 11:00 Sample Matrix.....: Water			Laboratory Sample ID: 233426-3 Date Received.....: 01/13/2005 Time Received.....: 10:30									
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	139654		01/17/05 1739	daj
7060A	Arsenic (GFAA) Arsenic	6.5			0.51	2.0	1	ug/L	139685		01/17/05 1540	daj
7421	Lead (GFAA) Lead	3.0		U	0.79	3.0	1	ug/L	139852		01/18/05 1822	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	139652		01/18/05 0144	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	139596		01/14/05 1450	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150		U	24	150	1	ug/L	139815		01/19/05 1700	tds
	Barium	57			1.3	10	1	ug/L	139815		01/19/05 1700	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	139815		01/19/05 1700	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	139815		01/19/05 1700	tds
	Calcium	37000			9.5	100	1	ug/L	139815		01/19/05 1700	tds
	Chromium	10		U	1.1	10	1	ug/L	139815		01/19/05 1700	tds
	Cobalt	5.0		U	0.80	5.0	1	ug/L	139815		01/19/05 1700	tds
	Copper	10		U	2.2	10	1	ug/L	139815		01/19/05 1700	tds
	Iron	1300			38	120	1	ug/L	139927		01/20/05 1522	tds
	Magnesium	10000			8.1	100	1	ug/L	139815		01/19/05 1700	tds
	Manganese	990			0.41	10	1	ug/L	139815		01/19/05 1700	tds
	Nickel	10		U	1.0	10	1	ug/L	139815		01/19/05 1700	tds
	Potassium	1200			66	500	1	ug/L	139815		01/19/05 1700	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233426

Date: 01/25/2005

CUSTOMER: NKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LNMW-025-GW
 Date Sampled.....: 01/12/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233426-3
 Date Received.....: 01/13/2005
 Time Received.....: 10:30

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	139815		01/19/05 1700	tds
	Silver	10	U		0.72	10	1	ug/L	139815		01/19/05 1700	tds
	Sodium	8300			490	1500	1	ug/L	139927		01/20/05 1522	tds
	Vanadium	10	U		1.0	10	1	ug/L	139815		01/19/05 1700	tds
	Zinc	4.1	8		1.6	30	1	ug/L	139815		01/19/05 1700	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

Job Number: 233426		LABORATORY TEST RESULTS							Date: 01/27/2005			
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ACCS				ATTN: Eric Ellis					
Customer Sample ID: LNMW-025-GW Date Sampled.....: 01/12/2005 Time Sampled.....: 11:00 Sample Matrix.....: Water					Laboratory Sample ID: 233426-3 Date Received.....: 01/13/2005 Time Received.....: 10:30							
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	140416		01/17/05 1557	kdl
	beta-BHC	0.10	U		0.028	0.10	1.00000	ug/L	140416		01/17/05 1557	kdl
	delta-BHC	0.10	U		0.025	0.10	1.00000	ug/L	140416		01/17/05 1557	kdl
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	140416		01/17/05 1557	kdl
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	140416		01/17/05 1557	kdl
	Aldrin	0.10	U		0.028	0.10	1.00000	ug/L	140416		01/17/05 1557	kdl
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	140416		01/17/05 1557	kdl
	Endosulfan I	0.10	U		0.021	0.10	1.00000	ug/L	140416		01/17/05 1557	kdl
	Dieldrin	0.10	U		0.018	0.10	1.00000	ug/L	140416		01/17/05 1557	kdl
	4,4'-DDE	0.10	U		0.023	0.10	1.00000	ug/L	140416		01/17/05 1557	kdl
	Endrin	0.10	U		0.017	0.10	1.00000	ug/L	140416		01/17/05 1557	kdl
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	140416		01/17/05 1557	kdl
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	140416		01/17/05 1557	kdl
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	140416		01/17/05 1557	kdl
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	140416		01/17/05 1557	kdl
	Methoxychlor	0.60	U		0.17	0.60	1.00000	ug/L	140416		01/17/05 1557	kdl
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	140416		01/17/05 1557	kdl
	gamma-Chlordane	0.10	U		0.017	0.10	1.00000	ug/L	140416		01/17/05 1557	kdl
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	140416		01/17/05 1557	kdl
	Endrin ketone	0.10	U	*	0.029	0.10	1.00000	ug/L	140416		01/17/05 1557	kdl
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	140416		01/17/05 1557	kdl

* In Description = Dry Wgt.

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Job Number: 233426		LABORATORY TEST RESULTS						Date: 01/26/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 MOCS				ATTN: Eric Ellis					
Customer Sample ID: LNMW-025-GW Date Sampled.....: 01/12/2005 Time Sampled.....: 11:00 Sample Matrix.....: Water			Laboratory Sample ID: 233426-3 Date Received.....: 01/13/2005 Time Received.....: 10:30									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.60		U	0.18	0.60	1.00000	ug/L	140343		01/17/05 1840	bjt
	Aroclor 1221	1.3		U	0.42	1.3	1.00000	ug/L	140343		01/17/05 1840	bjt
	Aroclor 1232	1.3		U	0.35	1.3	1.00000	ug/L	140343		01/17/05 1840	bjt
	Aroclor 1242	1.3		U	0.43	1.3	1.00000	ug/L	140343		01/17/05 1840	bjt
	Aroclor 1248	1.5		U	0.48	1.5	1.00000	ug/L	140343		01/17/05 1840	bjt
	Aroclor 1254	1.3		U	0.35	1.3	1.00000	ug/L	140343		01/17/05 1840	bjt
	Aroclor 1260	0.60		U	0.17	0.60	1.00000	ug/L	140343		01/17/05 1840	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233426

Date: 01/20/2005

CUSTOMER: HKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: LNUW-025-GW
 Date Sampled.....: 01/12/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233426-3
 Date Received.....: 01/13/2005
 Time Received.....: 10:30

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 2024	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Acetone	10	U	*	1.8	10	1.00000	ug/L	139628		01/17/05 2024	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	139628		01/17/05 2024	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	2-Butanone (MEK)	10	U	*	1.2	10	1.00000	ug/L	139628		01/17/05 2024	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	4-Methyl-2-pentanone (MIBK)	10	U	*	0.65	10	1.00000	ug/L	139628		01/17/05 2024	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	2-Hexanone	10	U	*	0.53	10	1.00000	ug/L	139628		01/17/05 2024	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233426

Date: 01/20/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LNWm-025-GW
 Date Sampled.....: 01/12/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233426-3
 Date Received.....: 01/13/2005
 Time Received.....: 10:30

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	139628		01/17/05 2024	jdj
	1,2-Dibromoethane (EDB)	1.0	U	*	0.13	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	139628		01/17/05 2024	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233426 Date: 01/21/2005

CUSTOMER: MKM Engineers, Inc. ATTN: Eric Ellis

PROJECT: USACE RVAAP 14 AOCs

Customer Sample ID: LNMW-025-GW Laboratory Sample ID: 233426-3
 Date Sampled.....: 01/12/2005 Date Received.....: 01/13/2005
 Time Sampled.....: 11:00 Time Received.....: 10:30
 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	4.9	U		0.34	4.9	1.00000	ug/L	139958		01/17/05 1339	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.42	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	139958		01/17/05 1339	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	139958		01/17/05 1339	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.60	4.9	1.00000	ug/L	139958		01/17/05 1339	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.098	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	139958		01/17/05 1339	dpk
	Nitrobenzene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	Benzoic acid, Low Level Water	20	U		2.9	20	1.00000	ug/L	139958		01/17/05 1339	dpk
	Isophorone, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	2,4-Dimethylphenol, Low Level Water	9.8	U		1.3	9.8	1.00000	ug/L	139958		01/17/05 1339	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.63	4.9	1.00000	ug/L	139958		01/17/05 1339	dpk
	Naphthalene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk
	2,4-Dichlorophenol, Low Level Water	9.8	U		0.89	9.8	1.00000	ug/L	139958		01/17/05 1339	dpk
	4-Chloroaniline, Low Level Water	9.8	U		2.7	9.8	1.00000	ug/L	139958		01/17/05 1339	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	139958		01/17/05 1339	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.8	U		1.4	9.8	1.00000	ug/L	139958		01/17/05 1339	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.64	20	1.00000	ug/L	139958		01/17/05 1339	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	139958		01/17/05 1339	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.22	4.9	1.00000	ug/L	139958		01/17/05 1339	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233426

Date: 01/21/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LNWm-025-GW
 Date Sampled.....: 01/12/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233426-3
 Date Received.....: 01/13/2005
 Time Received.....: 10:30

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	9.8	U		2.4	9.8	1.00000	ug/L	139958		01/17/05 1339	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	139958		01/17/05 1339	dpk
	2-Nitrophenol, Low Level Water	9.8	U		0.80	9.8	1.00000	ug/L	139958		01/17/05 1339	dpk
	3-Nitroaniline, Low Level Water	9.8	U		2.1	9.8	1.00000	ug/L	139958		01/17/05 1339	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.2	20	1.00000	ug/L	139958		01/17/05 1339	dpk
	Acenaphthylene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk
	2,4-Dinitrotoluene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk
	Acenaphthene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	4-Nitrophenol, Low Level Water	20	U		3.6	20	1.00000	ug/L	139958		01/17/05 1339	dpk
	Fluorene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk
	4-Nitroaniline, Low Level Water	9.8	U		2.3	9.8	1.00000	ug/L	139958		01/17/05 1339	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.19	4.9	1.00000	ug/L	139958		01/17/05 1339	dpk
	Hexachlorobenzene, Low Level Water	0.49	U		0.095	0.49	1.00000	ug/L	139958		01/17/05 1339	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.74	4.9	1.00000	ug/L	139958		01/17/05 1339	dpk
	Pentachlorophenol, Low Level Water	9.8	U		1.7	9.8	1.00000	ug/L	139958		01/17/05 1339	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	139958		01/17/05 1339	dpk
	Phenanthrene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk
	Anthracene, Low Level Water	0.98	U		0.15	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	139958		01/17/05 1339	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	139958		01/17/05 1339	dpk
	Fluoranthene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk
	Pyrene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.38	2.0	1.00000	ug/L	139958		01/17/05 1339	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.048	0.20	1.00000	ug/L	139958		01/17/05 1339	dpk
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	139958		01/17/05 1339	dpk

* In Description = Dry Wgt.

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Job Number: 233426		LABORATORY TEST RESULTS						Date: 01/21/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LNWm-025-GW Date Sampled: 01/12/2005 Time Sampled: 11:00 Sample Matrix: Water			Laboratory Sample ID: 233426-3 Date Received: 01/13/2005 Time Received: 10:30									
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	139958		01/17/05 1339	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15			3.8	15	1.00000	ug/L	139958		01/17/05 1339	dpk
	Di-n-octyl phthalate, Low Level Water	9.8	U		2.5	9.8	1.00000	ug/L	139958		01/17/05 1339	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.066	0.39	1.00000	ug/L	139958		01/17/05 1339	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.071	0.39	1.00000	ug/L	139958		01/17/05 1339	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	139958		01/17/05 1339	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.084	0.39	1.00000	ug/L	139958		01/17/05 1339	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	139958		01/17/05 1339	dpk
	Benzo(ghi)perylene, Low Level Water	0.98	U		0.19	0.98	1.00000	ug/L	139958		01/17/05 1339	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233426

Date: 01/26/2005

CUSTOMER: MCM Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: LNMW-025-GW
 Date Sampled.....: 01/12/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233426-3
 Date Received.....: 01/13/2005
 Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.33	U		0.071	0.33	1.00000	ug/L	140328		01/14/05 1411	san
	RDX	0.21	U		0.067	0.21	1.00000	ug/L	140328		01/14/05 1411	san
	1,3,5-Trinitrobenzene	0.21	U		0.061	0.21	1.00000	ug/L	140328		01/14/05 1411	san
	1,3-Dinitrobenzene	0.21	U		0.058	0.21	1.00000	ug/L	140328		01/14/05 1411	san
	Nitrobenzene	0.17	U		0.046	0.17	1.00000	ug/L	140328		01/14/05 1411	san
	2,4,6-TNT	0.26	U		0.082	0.26	1.00000	ug/L	140328		01/14/05 1411	san
	Tetryl	0.82	U		0.17	0.82	1.00000	ug/L	140328		01/14/05 1411	san
	2,4-Dinitrotoluene	0.38	U		0.13	0.38	1.00000	ug/L	140328		01/14/05 1411	san
	2,6-Dinitrotoluene	0.45	U		0.15	0.45	1.00000	ug/L	140328		01/14/05 1411	san
	2-Amino-4,6-Dinitrotoluene	0.38	U		0.12	0.38	1.00000	ug/L	140328		01/14/05 1411	san
	4-Amino-2,6-Dinitrotoluene	0.35	U		0.12	0.35	1.00000	ug/L	140328		01/14/05 1411	san
	2-Nitrotoluene	0.33	U		0.098	0.33	1.00000	ug/L	140328		01/14/05 1411	san
	4-Nitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	140328		01/14/05 1411	san
3-Nitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	140328		01/14/05 1411	san	
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.1	U		0.16	1.1	1.00000	ug/L	140322		01/14/05 1014	san

* In Description = Dry Wgt.

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STL CHICAGO

Client Sample ID: LNwaw-025-GW

Trace Level Organic Compounds

Lot-Sample #...: G5A130351-003 Work Order #...: G2KH81AC
Date Sampled...: 01/12/05 11:00 Date Received...: 01/13/05
Prep Date.....: 01/17/05 Analysis Date...: 01/19/05
Prep Batch #...: 5017486
Dilution Factor: 1 Initial Wgt/Vol: 10 mL

Matrix.....: WG

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: LNwmw-025-GW

General Chemistry

Lot-Sample #....: G5A130351-003
Date Sampled....: 01/12/05

Work Order #....: G2KH8
Date Received..: 01/13/05

Matrix.....: WG

<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	01/17-01/18/05	5017497
		MDL.....: 0.12				

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LABORATORY TEST RESULTS

Job Number: 233779 Date: 02/09/2005

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

Customer Sample ID: LNMW-026-GW Laboratory Sample ID: 233779-1
 Date Sampled.....: 01/26/2005 Date Received.....: 01/27/2005
 Time Sampled.....: 10:00 Time Received.....: 09:10
 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 1356	daj
7060A	Arsenic (GFAA) Arsenic	0.91		B	0.51	2.0	1	ug/L	141028		02/02/05 1219	daj
7421	Lead (GFAA) Lead	1.0		B	0.79	3.0	1	ug/L	141171		02/03/05 2042	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	141040		02/03/05 0004	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	140838		02/01/05 1411	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	250			24	150	1	ug/L	140998		02/03/05 0124	tds
	Barium	97			1.3	10	1	ug/L	140998		02/03/05 0124	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	140998		02/03/05 0124	tds
	Cadmium	0.26		B	0.25	2.0	1	ug/L	140998		02/03/05 0124	tds
	Calcium	48000			9.5	100	1	ug/L	140998		02/03/05 0124	tds
	Chromium	10		U	1.1	10	1	ug/L	140998		02/03/05 0124	tds
	Cobalt	5.0		U	0.80	5.0	1	ug/L	140998		02/03/05 0124	tds
	Copper	10		U	2.2	10	1	ug/L	140998		02/03/05 0124	tds
	Iron	380			38	120	1	ug/L	140998		02/03/05 0124	tds
	Magnesium	11000			8.1	100	1	ug/L	140998		02/03/05 0124	tds
	Manganese	52			0.41	10	1	ug/L	140998		02/03/05 0124	tds
	Nickel	1.4		B	1.0	10	1	ug/L	140998		02/03/05 0124	tds
	Potassium	3600			66	500	1	ug/L	140998		02/03/05 0124	tds

* In Description = Dry Wgt.

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Job Number: 233779		LABORATORY TEST RESULTS						Date:02/09/2005				
CUSTOMER: HCB Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: LNMW-026-GW Date Sampled.....: 01/26/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233779-1 Date Received.....: 01/27/2005 Time Received.....: 09:10									
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	140998		02/03/05 0124	tds
	Silver	10	U		0.72	10	1	ug/L	140998		02/03/05 0124	tds
	Sodium	13000			490	1500	1	ug/L	140998		02/03/05 0124	tds
	Vanadium	10	U		1.0	10	1	ug/L	140998		02/03/05 0124	tds
	Zinc	3.8	B		1.6	30	1	ug/L	140998		02/03/05 0124	tds

* In Description = Dry Wgt.

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Job Number: 233779		LABORATORY TEST RESULTS						Date: 02/10/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: LNMW-026-GW			Laboratory Sample ID: 233779-1									
Date Sampled: 01/26/2005			Date Received: 01/27/2005									
Time Sampled: 10:00			Time Received: 09:10									
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		0.047	0.15	1.00000	ug/L	141721		02/08/05 2032	bjt
	beta-BHC	0.099	U		0.028	0.099	1.00000	ug/L	141721		02/08/05 2032	bjt
	delta-BHC	0.099	U		0.025	0.099	1.00000	ug/L	141721		02/08/05 2032	bjt
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	141721		02/08/05 2032	bjt
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	141721		02/08/05 2032	bjt
	Aldrin	0.099	U		0.028	0.099	1.00000	ug/L	141721		02/08/05 2032	bjt
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	141721		02/08/05 2032	bjt
	Endosulfan I	0.099	U		0.021	0.099	1.00000	ug/L	141721		02/08/05 2032	bjt
	Dieldrin	0.099	U		0.018	0.099	1.00000	ug/L	141721		02/08/05 2032	bjt
	4,4'-DDE	0.099	U		0.023	0.099	1.00000	ug/L	141721		02/08/05 2032	bjt
	Endrin	0.099	U		0.017	0.099	1.00000	ug/L	141721		02/08/05 2032	bjt
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	141721		02/08/05 2032	bjt
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	141721		02/08/05 2032	bjt
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	141721		02/08/05 2032	bjt
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	141721		02/08/05 2032	bjt
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	141721		02/08/05 2032	bjt
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	141721		02/08/05 2032	bjt
	gamma-Chlordane	0.099	U		0.017	0.099	1.00000	ug/L	141721		02/08/05 2032	bjt
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	141721		02/08/05 2032	bjt
	Endrin ketone	0.099	U		0.029	0.099	1.00000	ug/L	141721		02/08/05 2032	bjt
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	141721		02/08/05 2032	bjt

* In Description = Dry Wgt.

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Job Number: 233779		LABORATORY TEST RESULTS						Date:02/09/2005					
CUSTOMER: HOKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis						
Customer Sample ID: LNWmw-026-GW Date Sampled.....: 01/26/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233779-1 Date Received.....: 01/27/2005 Time Received.....: 09:10										
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	141492		02/01/05 1413	bjt	
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	141492		02/01/05 1413	bjt	
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	141492		02/01/05 1413	bjt	
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	141492		02/01/05 1413	bjt	
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	141492		02/01/05 1413	bjt	
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	141492		02/01/05 1413	bjt	
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	141492		02/01/05 1413	bjt	

* In Description = Dry Wgt.

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Job Number: 233779		LABORATORY TEST RESULTS						Date: 02/10/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: LNMW-026-GW Date Sampled.....: 01/26/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233779-1 Date Received.....: 01/27/2005 Time Received.....: 09:10									
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	141541		02/08/05 1737	jdj	
	Vinyl chloride	1.0	U	0.080	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Bromomethane	1.0	U	0.10	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Chloroethane	1.0	U	0.080	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	1,1-Dichloroethene	1.0	U	0.12	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Carbon disulfide	5.0	U	0.20	5.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Acetone	10	U	1.8	10	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Methylene chloride	1.5	U	0.35	1.5	1.00000	ug/L	141541		02/08/05 1737	jdj	
	trans-1,2-Dichloroethene	1.0	U	0.14	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	1,1-Dichloroethane	1.0	U	0.11	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	cis-1,2-Dichloroethene	1.0	U	0.090	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	2-Butanone (MEK)	10	U	1.2	10	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Bromochloromethane	1.0	U	0.10	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Chloroform	1.0	U	0.11	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	1,1,1-Trichloroethane	1.0	U	0.080	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Carbon tetrachloride	1.0	U	0.13	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Benzene	1.0	U	0.090	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	1,2-Dichloroethane	1.0	U	0.090	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Trichloroethene	1.0	U	0.10	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	1,2-Dichloropropane	1.0	U	0.12	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Bromodichloromethane	1.0	U	0.11	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	cis-1,3-Dichloropropene	1.0	U	0.12	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	4-Methyl-2-pentanone (MIBK)	10	U	0.65	10	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Toluene	1.0	U	0.10	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	trans-1,3-Dichloropropene	1.0	U	0.15	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	1,1,2-Trichloroethane	1.0	U	0.15	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	Tetrachloroethene	1.0	U	0.090	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj	
	2-Hexanone	10	U	0.53	10	1.00000	ug/L	141541		02/08/05 1737	jdj	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233779

Date: 02/10/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LNWmw-026-GW
 Date Sampled.....: 01/26/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233779-1
 Date Received.....: 01/27/2005
 Time Received.....: 09:10

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	141541		02/08/05 1737	jdj
	1,2-Dibromoethane (EDB)	1.0	U	0.13	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj
	Chlorobenzene	1.0	U	0.080	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj
	Ethylbenzene	1.0	U	0.070	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj
	m&p-Xylenes	2.0	U	0.18	2.0	1.00000	ug/L	141541		02/08/05 1737	jdj
	o-Xylene	1.0	U	0.080	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj
	Styrene	1.0	U	0.13	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj
	Bromoform	1.0	U	0.11	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj
	1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj
	1,2-Dichloroethane (total)	1.0	U	0.23	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj
	Xylenes (total)	1.0	U	0.28	1.0	1.00000	ug/L	141541		02/08/05 1737	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233779								Date: 02/08/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: LNMW-026-GW				Laboratory Sample ID: 233779-1								
Date Sampled.....: 01/26/2005				Date Received.....: 01/27/2005								
Time Sampled.....: 10:00				Time Received.....: 09:10								
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	5.0	U		0.35	5.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	141464		02/07/05 0644	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.50	U		0.080	0.50	1.00000	ug/L	141464		02/07/05 0644	dpk
	Hexachloroethane, Low Level Water	5.0	U		0.60	5.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.099	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	2-Chlorophenol, Low Level Water	5.0	U		0.12	5.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	Nitrobenzene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	141464		02/07/05 0644	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	2,4-Dimethylphenol, Low Level Water	9.9	U		1.3	9.9	1.00000	ug/L	141464		02/07/05 0644	dpk
	Hexachlorobutadiene, Low Level Water	5.0	U		0.63	5.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	Naphthalene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk
	2,4-Dichlorophenol, Low Level Water	9.9	U		0.90	9.9	1.00000	ug/L	141464		02/07/05 0644	dpk
	4-Chloroaniline, Low Level Water	9.9	U		2.8	9.9	1.00000	ug/L	141464		02/07/05 0644	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.0	U		0.21	5.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.9	U		1.4	9.9	1.00000	ug/L	141464		02/07/05 0644	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.64	20	1.00000	ug/L	141464		02/07/05 0644	dpk
	2-Methylnaphthalene, Low Level Water	0.50	U		0.13	0.50	1.00000	ug/L	141464		02/07/05 0644	dpk
	2-Nitroaniline, Low Level Water	5.0	U		0.22	5.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233779				Date: 02/08/2005								
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: LNWmw-026-GW Date Sampled.....: 01/26/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water						Laboratory Sample ID: 233779-1 Date Received.....: 01/27/2005 Time Received.....: 09:10						
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	9.9	U		2.4	9.9	1.00000	ug/L	141464		02/07/05 0644	dpk
	2,6-Dinitrotoluene, Low Level Water	0.50	U		0.11	0.50	1.00000	ug/L	141464		02/07/05 0644	dpk
	2-Nitrophenol, Low Level Water	9.9	U		0.81	9.9	1.00000	ug/L	141464		02/07/05 0644	dpk
	3-Nitroaniline, Low Level Water	9.9	U		2.1	9.9	1.00000	ug/L	141464		02/07/05 0644	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.3	20	1.00000	ug/L	141464		02/07/05 0644	dpk
	Acenaphthylene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk
	2,4-Dinitrotoluene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk
	Acenaphthene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	4-Nitrophenol, Low Level Water	20	U		3.7	20	1.00000	ug/L	141464		02/07/05 0644	dpk
	Fluorene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk
	4-Nitroaniline, Low Level Water	9.9	U		2.3	9.9	1.00000	ug/L	141464		02/07/05 0644	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.0	U		0.19	5.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	Hexachlorobenzene, Low Level Water	0.50	U		0.096	0.50	1.00000	ug/L	141464		02/07/05 0644	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.0	U		0.74	5.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	Pentachlorophenol, Low Level Water	9.9	U		1.7	9.9	1.00000	ug/L	141464		02/07/05 0644	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	141464		02/07/05 0644	dpk
	Phenanthrene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk
	Anthracene, Low Level Water	0.99	U		0.15	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk
	Carbazole, Low Level Water	5.0	U		0.29	5.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	Di-n-butyl phthalate, Low Level Water	5.0	U		0.36	5.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	Fluoranthene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk
	Pyrene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.39	2.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.049	0.20	1.00000	ug/L	141464		02/07/05 0644	dpk
	Chrysene, Low Level Water	0.50	U		0.045	0.50	1.00000	ug/L	141464		02/07/05 0644	dpk

* In Description = Dry Wgt.

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Job Number: 233779		LABORATORY TEST RESULTS						Date: 02/08/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: LNWMW-026-GW			Laboratory Sample ID: 233779-1									
Date Sampled: 01/26/2005			Date Received: 01/27/2005									
Time Sampled: 10:00			Time Received: 09:10									
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	5.0	U		0.71	5.0	1.00000	ug/L	141464		02/07/05 0644	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.9	15	1.00000	ug/L	141464		02/07/05 0644	dpk
	Di-n-octyl phthalate, Low Level Water	9.9	U		2.5	9.9	1.00000	ug/L	141464		02/07/05 0644	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40	U		0.066	0.40	1.00000	ug/L	141464		02/07/05 0644	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40	U		0.071	0.40	1.00000	ug/L	141464		02/07/05 0644	dpk
	Benzo(a)pyrene, Low Level Water	0.40	U		0.083	0.40	1.00000	ug/L	141464		02/07/05 0644	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40	U		0.085	0.40	1.00000	ug/L	141464		02/07/05 0644	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40	U		0.13	0.40	1.00000	ug/L	141464		02/07/05 0644	dpk
	Benzo(ghi)perylene, Low Level Water	0.99	U		0.19	0.99	1.00000	ug/L	141464		02/07/05 0644	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233779

Date: 02/09/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ACCS

ATTN: Eric Ellis

Customer Sample ID: LNMW-026-GW
 Date Sampled.....: 01/26/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233779-1
 Date Received.....: 01/27/2005
 Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.31		U	0.068	0.31	1.00000	ug/L	141458		01/31/05 2215	san
	RDX	0.20		U	0.064	0.20	1.00000	ug/L	141458		01/31/05 2215	san
	1,3,5-Trinitrobenzene	0.20		U	0.058	0.20	1.00000	ug/L	141458		01/31/05 2215	san
	1,3-Dinitrobenzene	0.20		U	0.055	0.20	1.00000	ug/L	141458		01/31/05 2215	san
	Nitrobenzene	0.16		U	0.044	0.16	1.00000	ug/L	141458		01/31/05 2215	san
	2,4,6-TNT	0.25		U	0.078	0.25	1.00000	ug/L	141458		01/31/05 2215	san
	Tetryl	0.78		U	0.16	0.78	1.00000	ug/L	141458		01/31/05 2215	san
	2,4-Dinitrotoluene	0.36		U	0.12	0.36	1.00000	ug/L	141458		01/31/05 2215	san
	2,6-Dinitrotoluene	0.43		U	0.14	0.43	1.00000	ug/L	141458		01/31/05 2215	san
	2-Amino-4,6-Dinitrotoluene	0.36		U	0.12	0.36	1.00000	ug/L	141458		01/31/05 2215	san
	4-Amino-2,6-Dinitrotoluene	0.33		U	0.11	0.33	1.00000	ug/L	141458		01/31/05 2215	san
	2-Nitrotoluene	0.31		U	0.093	0.31	1.00000	ug/L	141458		01/31/05 2215	san
	4-Nitrotoluene	0.31		U	0.10	0.31	1.00000	ug/L	141458		01/31/05 2215	san
3-Nitrotoluene	0.31		U	0.10	0.31	1.00000	ug/L	141458		01/31/05 2215	san	
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.0		U	0.15	1.0	1.00000	ug/L	141482		02/08/05 1241	san	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LNwmmw-026-GW

Trace Level Organic Compounds

Lot-Sample #...: G5A270382-001 Work Order #...: G3DA21AC
Date Sampled...: 01/26/05 10:00 Date Received...: 01/27/05
Prep Date.....: 02/02/05 Analysis Date...: 02/03/05
Prep Batch #...: 5033433
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: LNmw-026-GW

General Chemistry

Lot-Sample #...: G5A270382-001
Date Sampled...: 01/26/05

Work Order #...: G3DA2
Date Received...: 01/27/05

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: 233779

Date:02/09/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP-14 AGCS

ATTN: Eric Ellis

Customer Sample ID: LNMW-026-DUP
 Date Sampled.....: 01/26/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233779-2
 Date Received.....: 01/27/2005
 Time Received.....: 09:10

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	140904		02/01/05 1437	daj
7060A	Arsenic (GFAA) Arsenic	1.5		B	0.51	2.0	1	ug/L	141028		02/02/05 1307	daj
7421	Lead (GFAA) Lead	1.6		B	0.79	3.0	1	ug/L	141171		02/03/05 2120	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	141040		02/03/05 0055	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	140838		02/01/05 1418	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	2200			24	150	1	ug/L	140998		02/03/05 0221	tds
	Barium	110			1.3	10	1	ug/L	140998		02/03/05 0221	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	140998		02/03/05 0221	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	140998		02/03/05 0221	tds
	Calcium	45000			9.5	100	1	ug/L	140998		02/03/05 0221	tds
	Chromium	3.2		B	1.1	10	1	ug/L	140998		02/03/05 0221	tds
	Cobalt	0.81		B	0.80	5.0	1	ug/L	140998		02/03/05 0221	tds
	Copper	10		U	2.2	10	1	ug/L	140998		02/03/05 0221	tds
	Iron	3400			38	120	1	ug/L	140998		02/03/05 0221	tds
	Magnesium	10000			8.1	100	1	ug/L	140998		02/03/05 0221	tds
	Manganese	75			0.41	10	1	ug/L	140998		02/03/05 0221	tds
	Nickel	3.6		B	1.0	10	1	ug/L	140998		02/03/05 0221	tds
	Potassium	3900			66	500	1	ug/L	140998		02/03/05 0221	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233779								Date: 02/09/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: ERIC ELLIS				
Customer Sample ID: LNMW-026-DUP Date Sampled.....: 01/26/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water						Laboratory Sample ID: 233779-2 Date Received.....: 01/27/2005 Time Received.....: 09:10						
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	140998		02/03/05 0221	tds
	Silver	10		U	0.72	10	1	ug/L	140998		02/03/05 0221	tds
	Sodium	11000			490	1500	1	ug/L	140998		02/03/05 0221	tds
	Vanadium	3.6		B	1.0	10	1	ug/L	140998		02/03/05 0221	tds
	Zinc	8.0		B	1.6	30	1	ug/L	140998		02/03/05 0221	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233779

Date: 02/10/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: LNWm-026-DUP
 Date Sampled.....: 01/26/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233779-2
 Date Received.....: 01/27/2005
 Time Received.....: 09:10

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	141721		02/08/05 2155	bjt
	beta-BHC	0.10	U		0.028	0.10	1.00000	ug/L	141721		02/08/05 2155	bjt
	delta-BHC	0.10	U		0.025	0.10	1.00000	ug/L	141721		02/08/05 2155	bjt
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	141721		02/08/05 2155	bjt
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	141721		02/08/05 2155	bjt
	Aldrin	0.10	U		0.028	0.10	1.00000	ug/L	141721		02/08/05 2155	bjt
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	141721		02/08/05 2155	bjt
	Endosulfan I	0.10	U		0.021	0.10	1.00000	ug/L	141721		02/08/05 2155	bjt
	Dieldrin	0.10	U		0.018	0.10	1.00000	ug/L	141721		02/08/05 2155	bjt
	4,4'-DDE	0.10	U		0.023	0.10	1.00000	ug/L	141721		02/08/05 2155	bjt
	Endrin	0.10	U		0.017	0.10	1.00000	ug/L	141721		02/08/05 2155	bjt
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	141721		02/08/05 2155	bjt
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	141721		02/08/05 2155	bjt
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	141721		02/08/05 2155	bjt
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	141721		02/08/05 2155	bjt
	Methoxychlor	0.60	U		0.17	0.60	1.00000	ug/L	141721		02/08/05 2155	bjt
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	141721		02/08/05 2155	bjt
	gamma-Chlordane	0.10	U		0.017	0.10	1.00000	ug/L	141721		02/08/05 2155	bjt
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	141721		02/08/05 2155	bjt
	Endrin ketone	0.10	U		0.029	0.10	1.00000	ug/L	141721		02/08/05 2155	bjt
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	141721		02/08/05 2155	bjt

* In Description = Dry Wgt.

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Job Number: 233779		LABORATORY TEST RESULTS						Date: 02/09/2005				
CUSTOMER: MKW Engineers, Inc.			PROJECT: USACE RVAMP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: LNMW-026-DUP			Laboratory Sample ID: 233779-2									
Date Sampled.....: 01/26/2005			Date Received.....: 01/27/2005									
Time Sampled.....: 10:00			Time Received.....: 09:10									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.60		U	0.18	0.60	1.00000	ug/L	141492		02/01/05 1527	bjt
	Aroclor 1221	1.3		U	0.42	1.3	1.00000	ug/L	141492		02/01/05 1527	bjt
	Aroclor 1232	1.3		U	0.35	1.3	1.00000	ug/L	141492		02/01/05 1527	bjt
	Aroclor 1242	1.3		U	0.43	1.3	1.00000	ug/L	141492		02/01/05 1527	bjt
	Aroclor 1248	1.5		U	0.48	1.5	1.00000	ug/L	141492		02/01/05 1527	bjt
	Aroclor 1254	1.3		U	0.35	1.3	1.00000	ug/L	141492		02/01/05 1527	bjt
	Aroclor 1260	0.60		U	0.17	0.60	1.00000	ug/L	141492		02/01/05 1527	bjt

* In Description = Dry Wgt.

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Job Number: 233779 LABORATORY TEST RESULTS Date: 02/10/2005

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

Customer Sample ID: LNWH-026-DUP
 Date Sampled.....: 01/26/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233779-2
 Date Received.....: 01/27/2005
 Time Received.....: 09:10

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	141541		02/08/05 1843	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	1,1-Dichloroethane	1.0	U		0.12	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	141541		02/08/05 1843	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	141541		02/08/05 1843	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	141541		02/08/05 1843	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	141541		02/08/05 1843	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	141541		02/08/05 1843	jdj

* In Description = Dry Wgt.

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Job Number: 233779		LABORATORY TEST RESULTS					Date: 02/10/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AQCS			ATTN: Eric Ellis						
Customer Sample ID: LNMW-026-DUP Date Sampled.....: 01/26/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water			Laboratory Sample ID: 233779-2 Date Received.....: 01/27/2005 Time Received.....: 09:10									
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	141541		02/08/05 1843	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	141541		02/08/05 1843	jdj

* In Description = Dry Wgt.

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Job Number: 233779		LABORATORY TEST RESULTS						Date: 02/08/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: LNMW-026-DUP Date Sampled.....: 01/26/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water				Laboratory Sample ID: 233779-2 Date Received.....: 01/27/2005 Time Received.....: 09:10								
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	4.9	U		0.34	4.9	1.00000	ug/L	141464		02/07/05 0707	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.42	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	141464		02/07/05 0707	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	141464		02/07/05 0707	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.60	4.9	1.00000	ug/L	141464		02/07/05 0707	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.098	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	141464		02/07/05 0707	dpk
	Nitrobenzene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	Benzoic acid, Low Level Water	20	U		2.9	20	1.00000	ug/L	141464		02/07/05 0707	dpk
	Isophorone, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	2,4-Dimethylphenol, Low Level Water	9.8	U		1.3	9.8	1.00000	ug/L	141464		02/07/05 0707	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.63	4.9	1.00000	ug/L	141464		02/07/05 0707	dpk
	Naphthalene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk
	2,4-Dichlorophenol, Low Level Water	9.8	U		0.89	9.8	1.00000	ug/L	141464		02/07/05 0707	dpk
	4-Chloroaniline, Low Level Water	9.8	U		2.7	9.8	1.00000	ug/L	141464		02/07/05 0707	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	141464		02/07/05 0707	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.8	U		1.4	9.8	1.00000	ug/L	141464		02/07/05 0707	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.64	20	1.00000	ug/L	141464		02/07/05 0707	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	141464		02/07/05 0707	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.22	4.9	1.00000	ug/L	141464		02/07/05 0707	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233779								Date: 02/08/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ACCS				ATTN: Eric Ellis				
Customer Sample ID: LNMW-026-DUP Date Sampled.....: 01/26/2005 Time Sampled.....: 10:00 Sample Matrix.....: Water						Laboratory Sample ID: 233779-2 Date Received.....: 01/27/2005 Time Received.....: 09:10						
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	9.8	U		2.4	9.8	1.00000	ug/L	141464		02/07/05 0707	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	141464		02/07/05 0707	dpk
	2-Nitrophenol, Low Level Water	9.8	U		0.80	9.8	1.00000	ug/L	141464		02/07/05 0707	dpk
	3-Nitroaniline, Low Level Water	9.8	U		2.1	9.8	1.00000	ug/L	141464		02/07/05 0707	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.2	20	1.00000	ug/L	141464		02/07/05 0707	dpk
	Acenaphthylene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk
	2,4-Dinitrotoluene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk
	Acenaphthene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	4-Nitrophenol, Low Level Water	20	U		3.6	20	1.00000	ug/L	141464		02/07/05 0707	dpk
	Fluorene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk
	4-Nitroaniline, Low Level Water	9.8	U		2.3	9.8	1.00000	ug/L	141464		02/07/05 0707	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.19	4.9	1.00000	ug/L	141464		02/07/05 0707	dpk
	Hexachlorobenzene, Low Level Water	0.49	U		0.095	0.49	1.00000	ug/L	141464		02/07/05 0707	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.74	4.9	1.00000	ug/L	141464		02/07/05 0707	dpk
	Pentachlorophenol, Low Level Water	9.8	U		1.7	9.8	1.00000	ug/L	141464		02/07/05 0707	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	141464		02/07/05 0707	dpk
	Phenanthrene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk
	Anthracene, Low Level Water	0.98	U		0.15	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	141464		02/07/05 0707	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	141464		02/07/05 0707	dpk
	Fluoranthene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk
	Pyrene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.38	2.0	1.00000	ug/L	141464		02/07/05 0707	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.048	0.20	1.00000	ug/L	141464		02/07/05 0707	dpk
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	141464		02/07/05 0707	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233779

Date: 02/08/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE: RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LNMW-026-DUP
 Date Sampled.....: 01/26/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233779-2
 Date Received.....: 01/27/2005
 Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	D	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	141464		02/07/05 0707	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	141464		02/07/05 0707	dpk
	Di-n-octyl phthalate, Low Level Water	9.8	U		2.5	9.8	1.00000	ug/L	141464		02/07/05 0707	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.066	0.39	1.00000	ug/L	141464		02/07/05 0707	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.071	0.39	1.00000	ug/L	141464		02/07/05 0707	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	141464		02/07/05 0707	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.084	0.39	1.00000	ug/L	141464		02/07/05 0707	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	141464		02/07/05 0707	dpk
	Benzo(ghi)perylene, Low Level Water	0.98	U		0.19	0.98	1.00000	ug/L	141464		02/07/05 0707	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233779

Date: 02/09/2005

CUSTOMER: MCM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: LNMW-026-DUP
 Date Sampled.....: 01/26/2005
 Time Sampled.....: 10:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233779-2
 Date Received.....: 01/27/2005
 Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.42	U		0.092	0.42	1.00000	ug/L	141458		01/31/05 2353	san
	RDX	0.27	U		0.086	0.27	1.00000	ug/L	141458		01/31/05 2353	san
	1,3,5-Trinitrobenzene	0.27	U		0.078	0.27	1.00000	ug/L	141458		01/31/05 2353	san
	1,3-Dinitrobenzene	0.27	U		0.074	0.27	1.00000	ug/L	141458		01/31/05 2353	san
	Nitrobenzene	0.22	U		0.059	0.22	1.00000	ug/L	141458		01/31/05 2353	san
	2,4,6-TNT	0.34	U		0.11	0.34	1.00000	ug/L	141458		01/31/05 2353	san
	Tetryl	1.1	U		0.22	1.1	1.00000	ug/L	141458		01/31/05 2353	san
	2,4-Dinitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	141458		01/31/05 2353	san
	2,6-Dinitrotoluene	0.58	U		0.19	0.58	1.00000	ug/L	141458		01/31/05 2353	san
	2-Amino-4,6-Dinitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	141458		01/31/05 2353	san
	4-Amino-2,6-Dinitrotoluene	0.45	U		0.15	0.45	1.00000	ug/L	141458		01/31/05 2353	san
	2-Nitrotoluene	0.42	U		0.13	0.42	1.00000	ug/L	141458		01/31/05 2353	san
	4-Nitrotoluene	0.42	U		0.14	0.42	1.00000	ug/L	141458		01/31/05 2353	san
3-Nitrotoluene	0.42	U		0.14	0.42	1.00000	ug/L	141458		01/31/05 2353	san	
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.2	U		0.18	1.2	1.00000	ug/L	141482		02/08/05 1614	san	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LNwmw-026-DUP

Trace Level Organic Compounds

Lot-Sample #...: G5A270382-002 Work Order #...: G3DA31AC
Date Sampled...: 01/26/05 10:00 Date Received...: 01/27/05
Prep Date.....: 02/02/05 Analysis Date...: 02/03/05
Prep Batch #...: 5033433
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: LNwmw-026-DUP

General Chemistry

Lot-Sample #....: G5A270382-002
Date Sampled....: 01/26/05

Work Order #....: G3DA3
Date Received...: 01/27/05

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	MCAW 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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LABORATORY TEST RESULTS

Job Number: 233685 Date: 02/03/2005

CUSTOMER: MKK Engineers, Inc. PROJECT: USACE RYAAF 14 AOCs ATTN: Eric Ellis

Customer Sample ID: LNWM-027-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-4
 Date Received.....: 01/22/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDI	RE	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 1941	daJ
7060A	Arsenic (GFAA) Arsenic	0.89	B	0.51	2.0	1	ug/L	140662		01/28/05 1431	daJ
7421	Lead (GFAA) Lead	3.0	U	0.79	3.0	1	ug/L	140683		01/28/05 2014	daJ
7841	Thallium (GFAA) Thallium	4.0	U	1.3	4.0	1	ug/L	140464		01/27/05 0108	daJ
7470A	Mercury (CVAA) Mercury	0.20	U	0.063	0.20	1	ug/L	140763		01/28/05 1340	gok
6010B	Metals Analysis (ICAP Trace)										
	Aluminum	150	U	24	150	1	ug/L	140536		01/28/05 0253	tds
	Barium	53		1.3	10	1	ug/L	140536		01/28/05 0253	tds
	Beryllium	2.0	U	0.25	2.0	1	ug/L	140536		01/28/05 0253	tds
	Cadmium	2.0	U	0.25	2.0	1	ug/L	140536		01/28/05 0253	tds
	Calcium	63000		9.5	100	1	ug/L	140536		01/28/05 0253	tds
	Chromium	10	U	1.1	10	1	ug/L	140536		01/28/05 0253	tds
	Cobalt	5.0	U	0.80	5.0	1	ug/L	140536		01/28/05 0253	tds
	Copper	10	U	2.2	10	1	ug/L	140536		01/28/05 0253	tds
	Iron	120	U	38	120	1	ug/L	140536		01/28/05 0253	tds
	Magnesium	18000		8.1	100	1	ug/L	140536		01/28/05 0253	tds
	Manganese	180		0.41	10	1	ug/L	140536		01/28/05 0253	tds
	Nickel	5.4	B	1.0	10	1	ug/L	140536		01/28/05 0253	tds
	Potassium	7000		66	500	1	ug/L	140536		01/28/05 0253	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233685 Date: 02/03/2005

CUSTOMER: HCN Engineers, Inc. PROJECT: USACE RYAAP 14 AGCS ATTN: Eric Ellis

Customer Sample ID: LNWW-027-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-4
 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
	Selenium	15	U		3.0	15	1	ug/L	140536		01/28/05 0253	tds
	Silver	10	U		0.72	10	1	ug/L	140536		01/28/05 0253	tds
	Sodium	8500			490	1500	1	ug/L	140642		01/28/05 2040	tds
	Vanadium	10	U		1.0	10	1	ug/L	140536		01/28/05 0253	tds
	Zinc	8.5	B		1.6	30	1	ug/L	140536		01/28/05 0253	tds

* In Description = Dry Wgt.

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Job Number: 233685		LABORATORY TEST RESULTS						Date: 02/04/2005				
CUSTOMER: MCM Engineers, Inc.			PROJECT: USACE RVRAP 14 AGES				ATTN: Eric Ellis					
Customer Sample ID: LNMW-027-GW Date Sampled.....: 01/21/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233685-4 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
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.046	0.15	1.00000	ug/L	141140		01/27/05 0225	bjt
	beta-BHC	0.097	U		0.027	0.097	1.00000	ug/L	141140		01/27/05 0225	bjt
	delta-BHC	0.097	U		0.024	0.097	1.00000	ug/L	141140		01/27/05 0225	bjt
	gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	141140		01/27/05 0225	bjt
	Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	141140		01/27/05 0225	bjt
	Aldrin	0.097	U		0.027	0.097	1.00000	ug/L	141140		01/27/05 0225	bjt
	Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	141140		01/27/05 0225	bjt
	Endosulfan I	0.097	U		0.020	0.097	1.00000	ug/L	141140		01/27/05 0225	bjt
	Dieldrin	0.097	U		0.017	0.097	1.00000	ug/L	141140		01/27/05 0225	bjt
	4,4'-DDE	0.097	U		0.022	0.097	1.00000	ug/L	141140		01/27/05 0225	bjt
	Endrin	0.097	U		0.017	0.097	1.00000	ug/L	141140		01/27/05 0225	bjt
	Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	141140		01/27/05 0225	bjt
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	141140		01/27/05 0225	bjt
	Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	141140		01/27/05 0225	bjt
	4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	141140		01/27/05 0225	bjt
	Methoxychlor	0.58	U		0.17	0.58	1.00000	ug/L	141140		01/27/05 0225	bjt
	alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	141140		01/27/05 0225	bjt
	gamma-Chlordane	0.097	U		0.017	0.097	1.00000	ug/L	141140		01/27/05 0225	bjt
	Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	141140		01/27/05 0225	bjt
	Endrin ketone	0.097	U		0.028	0.097	1.00000	ug/L	141140		01/27/05 0225	bjt
	Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	141140		01/27/05 0225	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233685								Date: 02/04/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RWAP 14 ADDS				ATTN: Eric Ellis				
Customer Sample ID: LNMW-027-GW Date Sampled.....: 01/21/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water						Laboratory Sample ID: 233685-4 Date Received.....: 01/22/2005 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	141003		01/25/05 2336	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	141003		01/25/05 2336	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	141003		01/25/05 2336	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	141003		01/25/05 2336	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	141003		01/25/05 2336	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	141003		01/25/05 2336	bjt
	Aroclor 1260	0.58	U		0.17	0.58	1.00000	ug/L	141003		01/25/05 2336	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: LNMW-027-6W
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-4
 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 0516	lm
	Vinyl chloride	1.0	U	*	0.080	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140908		02/02/05 0516	lm
	Acetone	10	U		1.8	10	1.00000	ug/L	140908		02/02/05 0516	lm
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140908		02/02/05 0516	lm
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140908		02/02/05 0516	lm
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140908		02/02/05 0516	lm
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0516	lm
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140908		02/02/05 0516	lm

* In Description = Dry Wgt.

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Job Number: 233685 LABORATORY TEST RESULTS Date: 02/03/2005

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

Customer Sample ID: LNWMW-027-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-4
 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
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	140908		02/02/05 0516	Lm
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0516	Lm
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0516	Lm
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140908		02/02/05 0516	Lm
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140908		02/02/05 0516	Lm
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0516	Lm
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0516	Lm
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0516	Lm
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0516	Lm
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	140908		02/02/05 0516	Lm
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140908		02/02/05 0516	Lm

* In Description = Dry Wgt.

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Job Number: 233685		LABORATORY TEST RESULTS						Date:02/04/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RYAAP 14 AOC5			ATTN: Eric Ellis						
Customer Sample ID: LNMW-027-GW			Laboratory Sample ID: 233685-4									
Date Sampled.....: 01/21/2005			Date Received.....: 01/22/2005									
Time Sampled.....: 14:00			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
8270C	Semivolatile Organics											
	Phenol, Low Level Water	4.9	U		0.34	4.9	1.00000	ug/L	141183		01/31/05 0753	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.42	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	141183		01/31/05 0753	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	2,2-dxybis (1-chloropropane), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	141183		01/31/05 0753	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.60	4.9	1.00000	ug/L	141183		01/31/05 0753	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.098	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	141183		01/31/05 0753	dpk
	Nitrobenzene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	Benzoic acid, Low Level Water	9.7	J		2.9	20	1.00000	ug/L	141183		01/31/05 0753	dpk
	Isophorone, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	2,4-Dimethylphenol, Low Level Water	9.8	U		1.3	9.8	1.00000	ug/L	141183		01/31/05 0753	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.63	4.9	1.00000	ug/L	141183		01/31/05 0753	dpk
	Naphthalene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk
	2,4-Dichlorophenol, Low Level Water	9.8	U		0.89	9.8	1.00000	ug/L	141183		01/31/05 0753	dpk
	4-Chloroaniline, Low Level Water	9.8	U		2.7	9.8	1.00000	ug/L	141183		01/31/05 0753	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	141183		01/31/05 0753	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.8	U		1.4	9.8	1.00000	ug/L	141183		01/31/05 0753	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.64	20	1.00000	ug/L	141183		01/31/05 0753	dpk
	2-Methylnaphthalene, low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	141183		01/31/05 0753	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.22	4.9	1.00000	ug/L	141183		01/31/05 0753	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk

* 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 ADCS				ATTN: Eric Ellis				
Customer Sample ID: LNWRW-027-GW						Laboratory Sample ID: 233685-4						
Date Sampled.....: 01/21/2005						Date Received.....: 01/22/2005						
Time Sampled.....: 14:00						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
	4-Chloro-3-methylphenol, Low Level Water	9.8	U		2.4	9.8	1.00000	ug/L	141183		01/31/05 0753	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	141183		01/31/05 0753	dpk
	2-Nitrophenol, Low Level Water	9.8	U		0.80	9.8	1.00000	ug/L	141183		01/31/05 0753	dpk
	3-Nitroaniline, Low Level Water	9.8	U		2.1	9.8	1.00000	ug/L	141183		01/31/05 0753	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.2	20	1.00000	ug/L	141183		01/31/05 0753	dpk
	Acenaphthylene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk
	2,4-Dinitrotoluene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk
	Acenaphthene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	4-Nitrophenol, Low Level Water	20	U		3.6	20	1.00000	ug/L	141183		01/31/05 0753	dpk
	Fluorene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk
	4-Nitroaniline, Low Level Water	9.8	U		2.3	9.8	1.00000	ug/L	141183		01/31/05 0753	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.19	4.9	1.00000	ug/L	141183		01/31/05 0753	dpk
	Hexachlorobenzene, Low Level Water	0.49	U		0.095	0.49	1.00000	ug/L	141183		01/31/05 0753	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.74	4.9	1.00000	ug/L	141183		01/31/05 0753	dpk
	Pentachlorophenol, Low Level Water	9.8	U		1.7	9.8	1.00000	ug/L	141183		01/31/05 0753	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	141183		01/31/05 0753	dpk
	Phenanthrene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk
	Anthracene, Low Level Water	0.98	U		0.15	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	141183		01/31/05 0753	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	141183		01/31/05 0753	dpk
	Fluoranthene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk
	Pyrene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.38	2.0	1.00000	ug/L	141183		01/31/05 0753	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.048	0.20	1.00000	ug/L	141183		01/31/05 0753	dpk
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	141183		01/31/05 0753	dpk

* In Description = Dry Wgt.

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Job Number: 233685		LABORATORY TEST RESULTS						Date: 02/04/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LNWm-027-GW			Laboratory Sample ID: 233685-4									
Date Sampled: 01/21/2005			Date Received: 01/22/2005									
Time Sampled: 14:00			Time Received: 10:00									
Sample Matrix: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	CLASS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.9	U		0.71	4.9	1.00000	ug/L	141183		01/31/05 0753	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	141183		01/31/05 0753	dpk
	Di-n-octyl phthalate, Low Level Water	9.8	U		2.5	9.8	1.00000	ug/L	141183		01/31/05 0753	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.066	0.39	1.00000	ug/L	141183		01/31/05 0753	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.071	0.39	1.00000	ug/L	141183		01/31/05 0753	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	141183		01/31/05 0753	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.084	0.39	1.00000	ug/L	141183		01/31/05 0753	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	141183		01/31/05 0753	dpk
	Benzo(ghi)perylene, Low Level Water	0.98	U		0.19	0.98	1.00000	ug/L	141183		01/31/05 0753	dpk

* In Description = Dry Wgt.

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Job Number: 233685		LABORATORY TEST RESULTS						Date: 02/03/2005			
CUSTOMER: MKN Engineers, Inc.			PROJECT: USACE RYAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: LNMW-027-GW Date Sampled: 01/21/2005 Time Sampled: 14:00 Sample Matrix: Water			Laboratory Sample ID: 233685-4 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
8330	Explosives by 8330 (HPLC)										
	HMX	0.31	U	0.068	0.31	1.00000	ug/L	140977		01/25/05 2239	san
	RDX	0.20	U	0.064	0.20	1.00000	ug/L	140977		01/25/05 2239	san
	1,3,5-Trinitrobenzene	0.20	U	0.058	0.20	1.00000	ug/L	140977		01/25/05 2239	san
	1,3-Dinitrobenzene	0.20	U	0.055	0.20	1.00000	ug/L	140977		01/25/05 2239	san
	Nitrobenzene	0.16	U	0.044	0.16	1.00000	ug/L	140977		01/25/05 2239	san
	2,4,6-TNT	0.25	U	0.078	0.25	1.00000	ug/L	140977		01/25/05 2239	san
	Tetryl	0.78	U	0.16	0.78	1.00000	ug/L	140977		01/25/05 2239	san
	2,4-Dinitrotoluene	0.36	U	0.12	0.36	1.00000	ug/L	140977		01/25/05 2239	san
	2,6-Dinitrotoluene	0.43	U	0.14	0.43	1.00000	ug/L	140977		01/25/05 2239	san
	2-Amino-4,6-Dinitrotoluene	0.36	U	0.12	0.36	1.00000	ug/L	140977		01/25/05 2239	san
	4-Amino-2,6-Dinitrotoluene	0.33	U	0.11	0.33	1.00000	ug/L	140977		01/25/05 2239	san
	2-Nitrotoluene	0.31	U	0.093	0.31	1.00000	ug/L	140977		01/25/05 2239	san
	4-Nitrotoluene	0.31	U	0.10	0.31	1.00000	ug/L	140977		01/25/05 2239	san
3-Nitrotoluene	0.31	U	0.10	0.31	1.00000	ug/L	140977		01/25/05 2239	san	
8332M	NG/PETN by 8332M (HPLC)										
	Nitroglycerine	1.0	U	0.15	1.0	1.00000	ug/L	141033		01/26/05 2313	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LNww-027-GW

Trace Level Organic Compounds

Lot-Sample #...: G5A220174-002 Work Order #...: G233E1AC Matrix.....: WATER
Date Sampled...: 01/21/05 14:00 Date Received...: 01/22/05
Prep Date.....: 01/26/05 Analysis Date...: 01/26/05
Prep Batch #...: 5026288
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: LNww-027-GW

General Chemistry

Lot-Sample #....: G5A220174-002
Date Sampled....: 01/21/05

Work Order #....: G233E
Date Received...: 01/22/05

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	01/26-01/28/05	5027495
		MDL.....: 0.12				

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LABORATORY TEST RESULTS											
Job Number: 232789						Date: 01/07/2005					
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE IWAAP 14 AGCS				ATTN: Eric Ellis			
Customer Sample ID: NTAmw-107-GW Date Sampled: 12/14/2004 Time Sampled: 13:40 Sample Matrix: Water						Laboratory Sample ID: 232789-8 Date Received: 12/15/2004 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	2.5	B	2.5	7.5	1	ug/L	137685		12/20/04 2349	daj
7060A	Arsenic (GFAA) Arsenic	8.2		0.51	2.0	1	ug/L	137730		12/20/04 1403	daj
7421	Lead (GFAA) Lead	3.0	U	0.79	3.0	1	ug/L	137991		12/22/04 1455	daj
7841	Thallium (GFAA) Thallium	4.0	U	1.3	4.0	1	ug/L	137838		12/21/04 2102	daj
7470A	Mercury (CVAA) Mercury	0.20	U	0.063	0.20	1	ug/L	137472		12/17/04 1547	gok
6010B	Metals Analysis (ICAP Trace)										
	Aluminum	150	U	24	150	1	ug/L	138597		12/31/04 0810	tds
	Barium	130		1.3	10	1	ug/L	138597		12/31/04 0810	tds
	Beryllium	2.0	U	0.25	2.0	1	ug/L	138597		12/31/04 0810	tds
	Cadmium	2.0	U	0.25	2.0	1	ug/L	138597		12/31/04 0810	tds
	Calcium	60000		9.5	100	1	ug/L	138597		12/31/04 0810	tds
	Chromium	10	U	1.1	10	1	ug/L	138597		12/31/04 0810	tds
	Cobalt	5.0	U	0.80	5.0	1	ug/L	138597		12/31/04 0810	tds
	Copper	10	U	2.2	10	1	ug/L	138597		12/31/04 0810	tds
	Iron	220		38	120	1	ug/L	138597		12/31/04 0810	tds
	Magnesium	16000		8.1	100	1	ug/L	138597		12/31/04 0810	tds
	Manganese	170		0.41	10	1	ug/L	138597		12/31/04 0810	tds
	Nickel	10	U	1.0	10	1	ug/L	138597		12/31/04 0810	tds
	Potassium	14000		66	500	1	ug/L	138597		12/31/04 0810	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232789

Date: 01/07/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOGS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-107-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 13:40
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-8
 Date Received.....: 12/15/2004
 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	138597		12/31/04 0810	tds
	Silver	10	U		0.72	10	1	ug/L	138597		12/31/04 0810	tds
	Sodium	13000			490	1500	1	ug/L	138597		12/31/04 0810	tds
	Vanadium	10	U		1.0	10	1	ug/L	138597		12/31/04 0810	tds
	Zinc	23	B		1.6	30	1	ug/L	138597		12/31/04 0810	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232789

Date: 01/06/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-107-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 13:40
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-8
 Date Received.....: 12/15/2004
 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	0.15	U		0.047	0.15	1.00000	ug/L	138164		12/21/04 0708	kdl
	beta-BHC	0.10	U		0.028	0.10	1.00000	ug/L	138164		12/21/04 0708	kdl
	delta-BHC	0.10	U		0.025	0.10	1.00000	ug/L	138164		12/21/04 0708	kdl
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	138164		12/21/04 0708	kdl
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	138164		12/21/04 0708	kdl
	Aldrin	0.10	U		0.028	0.10	1.00000	ug/L	138164		12/21/04 0708	kdl
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	138164		12/21/04 0708	kdl
	Endosulfan I	0.10	U		0.021	0.10	1.00000	ug/L	138164		12/21/04 0708	kdl
	Dieldrin	0.10	U		0.018	0.10	1.00000	ug/L	138164		12/21/04 0708	kdl
	4,4'-DDE	0.10	U		0.023	0.10	1.00000	ug/L	138164		12/21/04 0708	kdl
	Endrin	0.10	U		0.017	0.10	1.00000	ug/L	138164		12/21/04 0708	kdl
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	138164		12/21/04 0708	kdl
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	138164		12/21/04 0708	kdl
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	138164		12/21/04 0708	kdl
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	138164		12/21/04 0708	kdl
	Methoxychlor	0.60	U		0.17	0.60	1.00000	ug/L	138164		12/21/04 0708	kdl
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	138164		12/21/04 0708	kdl
	gamma-Chlordane	0.10	U		0.017	0.10	1.00000	ug/L	138164		12/21/04 0708	kdl
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	138164		12/21/04 0708	kdl
	Endrin ketone	0.10	U		0.029	0.10	1.00000	ug/L	138164		12/21/04 0708	kdl
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	138164		12/21/04 0708	kdl

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/29/2004

Job Number: 232789

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: NTAm-107-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 13:40
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-8
 Date Received.....: 12/15/2004
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.60	U		0.18	0.60	1.00000	ug/L	138210		12/20/04 1856	pig
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	138210		12/20/04 1856	pig
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	138210		12/20/04 1856	pig
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	138210		12/20/04 1856	pig
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	138210		12/20/04 1856	pig
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	138210		12/20/04 1856	pig
	Aroclor 1260	0.60	U		0.17	0.60	1.00000	ug/L	138210		12/20/04 1856	pig

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232789

Date: 12/22/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE BVAAP 14 AOCB

ATTN: Eric Elita

Customer Sample ID: NTAMW-107-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 13:40
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-8
 Date Received.....: 12/15/2004
 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	137580		12/19/04 0508	ema
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Acetone	10	U		1.8	10	1.00000	ug/L	137580		12/19/04 0508	ema
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	137580		12/19/04 0508	ema
	trans-1,2-Dichloroethane	1.0	U		0.14	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	cis-1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	137580		12/19/04 0508	ema
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	137580		12/19/04 0508	ema
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	137580		12/19/04 0508	ema

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232789						Date: 12/22/2004						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RWHAP 14 ADDS				ATTN: Eric Ellis				
Customer Sample ID: NIAMW-107-GW Date Sampled.....: 12/14/2004 Time Sampled.....: 13:40 Sample Matrix.....: Water						Laboratory Sample ID: 232789-B Date Received.....: 12/15/2004 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	137580		12/19/04 0508	ema
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	137580		12/19/04 0508	ema
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	137580		12/19/04 0508	ema
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	137580		12/19/04 0508	ema

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232789

Date: 01/05/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-107-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 13:40
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-8
 Date Received.....: 12/15/2004
 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	4.9	U		0.34	4.9	1.00000	ug/L	138783		12/27/04 1811	glr
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.42	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.34	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	138783		12/27/04 1811	glr
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	138783		12/27/04 1811	glr
	Hexachloroethane, Low Level Water	4.9	U		0.59	4.9	1.00000	ug/L	138783		12/27/04 1811	glr
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.097	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	138783		12/27/04 1811	glr
	Nitrobenzene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	138783		12/27/04 1811	glr
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	138783		12/27/04 1811	glr
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	2,4-Dimethylphenol, Low Level Water	9.7	U		1.3	9.7	1.00000	ug/L	138783		12/27/04 1811	glr
	Hexachlorobutadiene, Low Level Water	4.9	U		0.62	4.9	1.00000	ug/L	138783		12/27/04 1811	glr
	Naphthalene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	138783		12/27/04 1811	glr
	2,4-Dichlorophenol, Low Level Water	9.7	U		0.88	9.7	1.00000	ug/L	138783		12/27/04 1811	glr
	4-Chloroaniline, Low Level Water	9.7	U		2.7	9.7	1.00000	ug/L	138783		12/27/04 1811	glr
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.20	4.9	1.00000	ug/L	138783		12/27/04 1811	glr
	2,4,5-Trichlorophenol, Low Level Water	9.7	U		1.4	9.7	1.00000	ug/L	138783		12/27/04 1811	glr
	Hexachlorocyclopentadiene, Low Level Water	19	U		0.63	19	1.00000	ug/L	138783		12/27/04 1811	glr
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	138783		12/27/04 1811	glr
	2-Nitroaniline, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	138783		12/27/04 1811	glr
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138783		12/27/04 1811	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232789

Date: 01/05/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: NTAM-107-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 13:40
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-8
 Date Received.....: 12/15/2004
 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	9.7	U		2.3	9.7	1.00000	ug/L	138783		12/27/04 1811	glr
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	138783		12/27/04 1811	glr
	2-Nitrophenol, Low Level Water	9.7	U		0.80	9.7	1.00000	ug/L	138783		12/27/04 1811	glr
	3-Nitroaniline, Low Level Water	9.7	U		2.0	9.7	1.00000	ug/L	138783		12/27/04 1811	glr
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	2,4-Dinitrophenol, Low Level Water	19	U		3.2	19	1.00000	ug/L	138783		12/27/04 1811	glr
	Acenaphthylene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	138783		12/27/04 1811	glr
	2,4-Dinitrotoluene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	138783		12/27/04 1811	glr
	Acenaphthene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	138783		12/27/04 1811	glr
	Dibenzofuran, Low Level Water	1.9	U		0.13	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	4-Nitrophenol, Low Level Water	19	U		3.6	19	1.00000	ug/L	138783		12/27/04 1811	glr
	Fluorene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	138783		12/27/04 1811	glr
	4-Nitroaniline, Low Level Water	9.7	U		2.2	9.7	1.00000	ug/L	138783		12/27/04 1811	glr
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.18	4.9	1.00000	ug/L	138783		12/27/04 1811	glr
	Hexachlorobenzene, Low Level Water	0.49	U		0.094	0.49	1.00000	ug/L	138783		12/27/04 1811	glr
	Diethyl phthalate, Low Level Water	1.9	U		0.15	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.73	4.9	1.00000	ug/L	138783		12/27/04 1811	glr
	Pentachlorophenol, Low Level Water	9.7	U		1.7	9.7	1.00000	ug/L	138783		12/27/04 1811	glr
	n-Nitrosodiphenylamine, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	138783		12/27/04 1811	glr
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	138783		12/27/04 1811	glr
	Phenanthrene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	138783		12/27/04 1811	glr
	Anthracene, Low Level Water	0.97	U		0.15	0.97	1.00000	ug/L	138783		12/27/04 1811	glr
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	138783		12/27/04 1811	glr
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	138783		12/27/04 1811	glr
	Fluoranthene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	138783		12/27/04 1811	glr
	Pyrene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	138783		12/27/04 1811	glr
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.38	1.9	1.00000	ug/L	138783		12/27/04 1811	glr
	Benzo(a)anthracene, Low Level Water	0.19	U		0.048	0.19	1.00000	ug/L	138783		12/27/04 1811	glr
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	138783		12/27/04 1811	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232789

Date: 01/05/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-107-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 13:40
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-8
 Date Received.....: 12/15/2004
 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	4.9	U		0.70	4.9	1.00000	ug/L	138783		12/27/04 1811	glr
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	138783		12/27/04 1811	glr
	Di-n-octyl phthalate, Low Level Water	9.7	U		2.4	9.7	1.00000	ug/L	138783		12/27/04 1811	glr
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.065	0.39	1.00000	ug/L	138783		12/27/04 1811	glr
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.070	0.39	1.00000	ug/L	138783		12/27/04 1811	glr
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	138783		12/27/04 1811	glr
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.083	0.39	1.00000	ug/L	138783		12/27/04 1811	glr
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	138783		12/27/04 1811	glr
	Benzo(ghi)perylene, Low Level Water	0.97	U		0.18	0.97	1.00000	ug/L	138783		12/27/04 1811	glr

* In Description = Dry Wgt.

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Job Number: 232789		LABORATORY TEST RESULTS						Date: 12/30/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AODS				ATTN: Eric ELTs					
Customer Sample ID: NTAmw-107-GW Date Sampled: 12/14/2004 Time Sampled: 13:40 Sample Matrix: Water			Laboratory Sample ID: 232789-8 Date Received: 12/15/2004 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)											
	PMX	0.46	U		0.10	0.46	1.00000	ug/L	138447		12/29/04 1816	san
	RDX	0.30	U		0.096	0.30	1.00000	ug/L	138447		12/29/04 1816	san
	1,3,5-Trinitrobenzene	0.30	U		0.087	0.30	1.00000	ug/L	138447		12/29/04 1816	san
	1,3-Dinitrobenzene	0.30	U		0.082	0.30	1.00000	ug/L	138447		12/29/04 1816	san
	Nitrobenzene	0.24	U		0.066	0.24	1.00000	ug/L	138447		12/29/04 1816	san
	2,4,6-TNT	0.38	U		0.12	0.38	1.00000	ug/L	138447		12/29/04 1816	san
	Tetryl	1.2	U		0.25	1.2	1.00000	ug/L	138447		12/29/04 1816	san
	2,4-Dinitrotoluene	0.54	U		0.18	0.54	1.00000	ug/L	138447		12/29/04 1816	san
	2,6-Dinitrotoluene	0.64	U		0.21	0.64	1.00000	ug/L	138447		12/29/04 1816	san
	2-Amino-4,6-Dinitrotoluene	0.54	U		0.18	0.54	1.00000	ug/L	138447		12/29/04 1816	san
	4-Amino-2,6-Dinitrotoluene	0.50	U		0.17	0.50	1.00000	ug/L	138447		12/29/04 1816	san
	2-Nitrotoluene	0.46	U		0.14	0.46	1.00000	ug/L	138447		12/29/04 1816	san
	4-Nitrotoluene	0.46	U		0.15	0.46	1.00000	ug/L	138447		12/29/04 1816	san
3-Nitrotoluene	0.46	U		0.15	0.46	1.00000	ug/L	138447		12/29/04 1816	san	
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.5	U		0.22	1.5	1.00000	ug/L	138442		12/21/04 1331	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: NTAmw-107-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L150216-003 Work Order #...: G04TF1AC
Date Sampled...: 12/14/04 13:40 Date Received...: 12/15/04
Prep Date.....: 12/27/04 Analysis Date...: 12/27/04
Prep Batch #...: 4362276
Dilution Factor: 1

Matrix.....: WATER

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: NTAmw-107-GW

General Chemistry

Lot-Sample #...: G4L150216-003 Work Order #...: G04TF
Date Sampled...: 12/14/04 13:40 Date Received...: 12/15/04

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
		Dilution Factor: 1		Initial Wgt/Vol: 100 mL	Final Wgt/Vol...: 40 mL	
		MDL.....: 0.12				

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LABORATORY TEST RESULTS												
Job Number: 232979						Date: 01/11/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Elts				
Customer Sample ID: NTAmw-108-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 14:05 Sample Matrix.....: Water						Laboratory Sample ID: 232979-4 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
7041	Antimony (GFAA) Antimony	3.2	B		2.5	7.5	1	ug/L	138436		12/29/04 2308	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	138434		12/30/04 0015	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	138599		12/30/04 1225	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	138610		12/30/04 1126	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	138731		01/04/05 1433	gok
6010B	Metals Analysis (ICAP Trace)											
	ALuminum	150	U		24	150	1	ug/L	138939		01/06/05 1605	tds
	Barium	54			1.3	10	1	ug/L	138939		01/06/05 1605	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	138939		01/06/05 1605	tds
	Cadmium	0.42	B		0.25	2.0	1	ug/L	138939		01/06/05 1605	tds
	Calcium	98000			9.5	100	1	ug/L	138939		01/06/05 1605	tds
	Chromium	10	U		1.1	10	1	ug/L	138939		01/06/05 1605	tds
	Cobalt	0.85	B		0.80	5.0	1	ug/L	138939		01/06/05 1605	tds
	Copper	2.4	B		2.2	10	1	ug/L	138939		01/06/05 1605	tds
	Iron	120	U		38	120	1	ug/L	138939		01/06/05 1605	tds
	Magnesium	25000			8.1	100	1	ug/L	138939		01/06/05 1605	tds
	Manganese	340			0.41	10	1	ug/L	138939		01/06/05 1605	tds
	Nickel	2.3	B		1.0	10	1	ug/L	138939		01/06/05 1605	tds
	Potassium	2000			66	500	1	ug/L	138939		01/06/05 1605	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 AOCs			ATTN: Eric Ellis						
Customer Sample ID: NTAmw-108-GW			Laboratory Sample ID: 232979-4									
Date Sampled.....: 12/21/2004			Date Received.....: 12/22/2004									
Time Sampled.....: 14:05			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
	Selenium	15	U		3.0	15	1	ug/L	138939		01/06/05 1605	tds
	Silver	0.97	B		0.72	10	1	ug/L	138939		01/06/05 1605	tds
	Sodium	8400			490	1500	1	ug/L	138939		01/06/05 1605	tds
	Vanadium	10	U		1.0	10	1	ug/L	138939		01/06/05 1605	tds
	Zinc	1.7	B		1.6	30	1	ug/L	138939		01/06/05 1605	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979 Date: 01/04/2005

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

Customer Sample ID: NTAmw-108-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 14:05
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-4
 Date Received.....: 12/22/2004
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DEFLECTION	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 1318	kdL
	beta-BHC	0.10	U	0.028	0.10	1.00000	ug/L	138722		12/28/04 1318	kdL
	delta-BHC	0.10	U	0.025	0.10	1.00000	ug/L	138722		12/28/04 1318	kdL
	gamma-BHC (Lindane)	0.15	U	0.042	0.15	1.00000	ug/L	138722		12/28/04 1318	kdL
	Heptachlor	0.15	U	0.041	0.15	1.00000	ug/L	138722		12/28/04 1318	kdL
	Aldrin	0.10	U	0.028	0.10	1.00000	ug/L	138722		12/28/04 1318	kdL
	Heptachlor epoxide	0.15	U	0.036	0.15	1.00000	ug/L	138722		12/28/04 1318	kdL
	Endosulfan I	0.10	U	0.021	0.10	1.00000	ug/L	138722		12/28/04 1318	kdL
	Dieldrin	0.10	U	0.018	0.10	1.00000	ug/L	138722		12/28/04 1318	kdL
	4,4'-DDE	0.10	U	0.023	0.10	1.00000	ug/L	138722		12/28/04 1318	kdL
	Endrin	0.10	U	0.017	0.10	1.00000	ug/L	138722		12/28/04 1318	kdL
	Endosulfan II	0.15	U	0.042	0.15	1.00000	ug/L	138722		12/28/04 1318	kdL
	4,4'-DDD	0.11	U	0.036	0.11	1.00000	ug/L	138722		12/28/04 1318	kdL
	Endosulfan sulfate	0.15	U	0.044	0.15	1.00000	ug/L	138722		12/28/04 1318	kdL
	4,4'-DDT	0.15	U	0.049	0.15	1.00000	ug/L	138722		12/28/04 1318	kdL
	Methoxychlor	0.61	U	0.17	0.61	1.00000	ug/L	138722		12/28/04 1318	kdL
	alpha-Chlordane	0.051	U	0.016	0.051	1.00000	ug/L	138722		12/28/04 1318	kdL
	gamma-Chlordane	0.10	U	0.017	0.10	1.00000	ug/L	138722		12/28/04 1318	kdL
	Endrin aldehyde	0.15	U	0.035	0.15	1.00000	ug/L	138722		12/28/04 1318	kdL
Endrin ketone	0.10	U	0.029	0.10	1.00000	ug/L	138722		12/28/04 1318	kdL	
Toxaphene	0.51	U	0.14	0.51	1.00000	ug/L	138722		12/28/04 1318	kdL	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/05/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RMAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAMW-108-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 14:05
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-4
 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
8082	PCB Analysis											
	Aroclor 1016	0.61	U		0.18	0.61	1.00000	ug/L	138804		12/28/04 1605	bjt
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	138804		12/28/04 1605	bjt
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	138804		12/28/04 1605	bjt
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	138804		12/28/04 1605	bjt
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	138804		12/28/04 1605	bjt
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	138804		12/28/04 1605	bjt
	Aroclor 1260	0.61	U		0.17	0.61	1.00000	ug/L	138804		12/28/04 1605	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 BVAAP 14 ACES

ATTN: Eric Ellis

Customer Sample ID: MTAmw-108-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 14:05
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-4
 Date Received.....: 12/22/2004
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	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	138291		12/28/04 1643	jdj
	Vinyl chloride	1.0	U	0.080	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Bromomethane	1.0	U	0.10	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Chloroethane	1.0	U	0.080	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	1,1-Dichloroethene	1.0	U	0.12	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Carbon disulfide	5.0	U	0.20	5.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Acetone	10	U	1.8	10	1.00000	ug/L	138291		12/28/04 1643	jdj
	Methylene chloride	1.5	U	0.35	1.5	1.00000	ug/L	138291		12/28/04 1643	jdj
	trans-1,2-Dichloroethene	1.0	U	0.14	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	1,1-Dichloroethane	1.0	U	0.11	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	cis-1,2-Dichloroethane	1.0	U	0.090	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	2-Butanone (MEK)	10	U	1.2	10	1.00000	ug/L	138291		12/28/04 1643	jdj
	Bromochloromethane	1.0	U	0.10	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Chloroform	1.0	U	0.11	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	1,1,1-Trichloroethane	1.0	U	0.080	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Carbon tetrachloride	1.0	U	0.13	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Benzene	1.0	U	0.090	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	1,2-Dichloroethane	1.0	U	0.090	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Trichloroethene	1.0	U	0.10	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	1,2-Dichloropropane	1.0	U	0.12	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Bromodichloromethane	1.0	U	0.11	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	cis-1,3-Dichloropropene	1.0	U	0.12	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	4-Methyl-2-pentanone (MIBK)	10	U	0.65	10	1.00000	ug/L	138291		12/28/04 1643	jdj
	Toluene	1.0	U	0.10	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	trans-1,3-Dichloropropene	1.0	U	0.15	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	1,1,2-Trichloroethane	1.0	U	0.15	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Tetrachloroethene	1.0	U	0.090	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	2-Hexanone	10	U	0.53	10	1.00000	ug/L	138291		12/28/04 1643	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/03/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAMW-108-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 14:05
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-4
 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 1643	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	138291		12/28/04 1643	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/05/2005

CUSTOMER: NKM Engineers, Inc.

PROJECT: USACE RMAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-108-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 14:05
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-4
 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	4.9	U	0.34	4.9	1.00000	ug/L	138813		12/29/04 1522	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U	0.29	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U	0.42	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U	0.32	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U	0.34	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	Benzyl alcohol, Low Level Water	20	U	2.2	20	1.00000	ug/L	138813		12/29/04 1522	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U	0.25	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U	0.27	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U	0.079	0.49	1.00000	ug/L	138813		12/29/04 1522	dpk
	Hexachloroethane, Low Level Water	4.9	U	0.60	4.9	1.00000	ug/L	138813		12/29/04 1522	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U	0.098	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	2-Chlorophenol, Low Level Water	4.9	U	0.12	4.9	1.00000	ug/L	138813		12/29/04 1522	dpk
	Nitrobenzene, Low Level Water	0.98	U	0.16	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U	0.30	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U	0.33	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	Benzoic acid, Low Level Water	20	U	2.9	20	1.00000	ug/L	138813		12/29/04 1522	dpk
	Isophorone, Low Level Water	2.0	U	0.25	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	2,4-Dimethylphenol, Low Level Water	9.8	U	1.3	9.8	1.00000	ug/L	138813		12/29/04 1522	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U	0.63	4.9	1.00000	ug/L	138813		12/29/04 1522	dpk
	Naphthalene, Low Level Water	0.98	U	0.16	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk
	2,4-Dichlorophenol, Low Level Water	9.8	U	0.89	9.8	1.00000	ug/L	138813		12/29/04 1522	dpk
	4-Chloroaniline, Low Level Water	9.8	U	2.7	9.8	1.00000	ug/L	138813		12/29/04 1522	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U	0.21	4.9	1.00000	ug/L	138813		12/29/04 1522	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.8	U	1.4	9.8	1.00000	ug/L	138813		12/29/04 1522	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	0.64	20	1.00000	ug/L	138813		12/29/04 1522	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U	0.13	0.49	1.00000	ug/L	138813		12/29/04 1522	dpk
	2-Nitroaniline, Low Level Water	4.9	U	0.22	4.9	1.00000	ug/L	138813		12/29/04 1522	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U	0.25	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232979						Date: 01/05/2005						
CUSTOMER: HGM Engineers, Inc.				PROJECT: USAGE RVAAP 14 AGES				ATTN: Eric Ellis				
Customer Sample ID: HTAmw-108-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 14:05 Sample Matrix.....: Water						Laboratory Sample ID: 232979-4 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	9.8	U		2.4	9.8	1.00000	ug/L	138813		12/29/04 1522	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	138813		12/29/04 1522	dpk
	2-Nitrophenol, Low Level Water	9.8	U		0.80	9.8	1.00000	ug/L	138813		12/29/04 1522	dpk
	3-Nitroaniline, Low Level Water	9.8	U		2.1	9.8	1.00000	ug/L	138813		12/29/04 1522	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.2	20	1.00000	ug/L	138813		12/29/04 1522	dpk
	Acenaphthylene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk
	2,4-Dinitrotoluene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk
	Acenaphthene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	4-Nitrophenol, Low Level Water	20	U		3.6	20	1.00000	ug/L	138813		12/29/04 1522	dpk
	Fluorene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk
	4-Nitroaniline, Low Level Water	9.8	U		2.3	9.8	1.00000	ug/L	138813		12/29/04 1522	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.19	4.9	1.00000	ug/L	138813		12/29/04 1522	dpk
	Hexachlorobenzene, Low Level Water	0.49	U		0.095	0.49	1.00000	ug/L	138813		12/29/04 1522	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.74	4.9	1.00000	ug/L	138813		12/29/04 1522	dpk
	Pentachlorophenol, Low Level Water	9.8	U		1.7	9.8	1.00000	ug/L	138813		12/29/04 1522	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	138813		12/29/04 1522	dpk
	Phenanthrene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk
	Anthracene, Low Level Water	0.98	U		0.15	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	138813		12/29/04 1522	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	138813		12/29/04 1522	dpk
	Fluoranthene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk
	Pyrene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.38	2.0	1.00000	ug/L	138813		12/29/04 1522	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.048	0.20	1.00000	ug/L	138813		12/29/04 1522	dpk
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	138813		12/29/04 1522	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: NTAmw-108-GW Laboratory Sample ID: 232979-4
 Date Sampled.....: 12/21/2004 Date Received.....: 12/22/2004
 Time Sampled.....: 14:05 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
	3,3-Dichlorobenzidine, Low Level Water	4.9	U		0.71	4.9	1.00000	ug/L	138813		12/29/04 1522	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	138813		12/29/04 1522	dpk
	Di-n-octyl phthalate, Low Level Water	9.8	U		2.5	9.8	1.00000	ug/L	138813		12/29/04 1522	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.066	0.39	1.00000	ug/L	138813		12/29/04 1522	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.071	0.39	1.00000	ug/L	138813		12/29/04 1522	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	138813		12/29/04 1522	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.084	0.39	1.00000	ug/L	138813		12/29/04 1522	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	138813		12/29/04 1522	dpk
	Benzo(ghi)perylene, Low Level Water	0.98	U		0.19	0.98	1.00000	ug/L	138813		12/29/04 1522	dpk

* In Description = Dry Mgt.

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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: NTAMW-108-GW Date Sampled: 12/21/2004 Time Sampled: 14:05 Sample Matrix: Water			Laboratory Sample ID: 232979-4 Date Received: 12/22/2004 Time Received: 11:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DF	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.34	U		0.075	0.34	1.00000	ug/L	138793		01/01/05 1821	bdw
	RDX	0.22	U	*	0.070	0.22	1.00000	ug/L	138793		01/01/05 1821	bdw
	1,3,5-Trinitrobenzene	0.22	U		0.064	0.22	1.00000	ug/L	138793		01/01/05 1821	bdw
	1,3-Dinitrobenzene	0.22	U		0.060	0.22	1.00000	ug/L	138793		01/01/05 1821	bdw
	Nitrobenzene	0.18	U		0.048	0.18	1.00000	ug/L	138793		01/01/05 1821	bdw
	2,4,6-TNT	0.28	U		0.086	0.28	1.00000	ug/L	138793		01/01/05 1821	bdw
	Tetryl	0.86	U		0.18	0.86	1.00000	ug/L	138793		01/01/05 1821	bdw
	2,4-Dinitrotoluene	0.40	U		0.13	0.40	1.00000	ug/L	138793		01/01/05 1821	bdw
	2,6-Dinitrotoluene	0.47	U		0.16	0.47	1.00000	ug/L	138793		01/01/05 1821	bdw
	2-Amino-4,6-Dinitrotoluene	0.40	U		0.13	0.40	1.00000	ug/L	138793		01/01/05 1821	bdw
	4-Amino-2,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	138793		01/01/05 1821	bdw
	2-Nitrotoluene	0.34	U		0.10	0.34	1.00000	ug/L	138793		01/01/05 1821	bdw
	4-Nitrotoluene	0.34	U		0.11	0.34	1.00000	ug/L	138793		01/01/05 1821	bdw
3-Nitrotoluene	0.34	U		0.11	0.34	1.00000	ug/L	138793		01/01/05 1821	bdw	
8332W	NG/PETN by 8332W (HPLC)											
	Nitroglycerine	1.1	U		0.16	1.1	1.00000	ug/L	138794		12/29/04 0739	bdw

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: NTAmw-108-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L270182-002 Work Order #...: G1R931AC Matrix.....: WATER
Date Sampled...: 12/21/04 14:05 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: NTAmw-109-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L270182-003 Work Order #...: G1R941AC Matrix.....: WATER
Date Sampled...: 12/21/04 15:00 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

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LABORATORY TEST RESULTS

Job Number: 232979 Date: 01/11/2005

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

Customer Sample ID: NTAmw-109-GW Laboratory Sample ID: 232979-5
 Date Sampled.....: 12/21/2004 Date Received.....: 12/22/2004
 Time Sampled.....: 15:00 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	7.5	U		2.5	7.5	1	ug/L	138436		12/29/04 2321	daj
7060A	Arsenic (GFAA) Arsenic	1.6	B		0.51	2.0	1	ug/L	138434		12/30/04 0027	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	138599		12/30/04 1236	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	138610		12/30/04 1139	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.065	0.20	1	ug/L	138731		01/04/05 1435	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	138939		01/06/05 1635	tds
	Barium	28	U		1.3	10	1	ug/L	138939		01/06/05 1635	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	138939		01/06/05 1635	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	138939		01/06/05 1635	tds
	Calcium	12000	U		9.5	100	1	ug/L	138939		01/06/05 1635	tds
	Chromium	10	U		1.1	10	1	ug/L	138939		01/06/05 1635	tds
	Cobalt	2.2	B		0.80	5.0	1	ug/L	138939		01/06/05 1635	tds
	Copper	2.2	B		2.2	10	1	ug/L	138939		01/06/05 1635	tds
	Iron	2500	U		38	120	1	ug/L	138939		01/06/05 1635	tds
	Magnesium	5100	U		8.1	100	1	ug/L	138939		01/06/05 1635	tds
	Manganese	260	U		0.41	10	1	ug/L	138939		01/06/05 1635	tds
	Nickel	5.7	B		1.0	10	1	ug/L	138939		01/06/05 1635	tds
	Potassium	1400	U		66	500	1	ug/L	138939		01/06/05 1635	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979 Date: 01/11/2005

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

Customer Sample ID: NTAmw-109-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-5
 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
	Selenium	15	U	3.0	15	1	ug/L	138939		01/06/05 1635	tds
	Silver	10	U	0.72	10	1	ug/L	138939		01/06/05 1635	tds
	Sodium	1900		490	1500	1	ug/L	138939		01/06/05 1635	tds
	Vanadium	10	U	1.0	10	1	ug/L	138939		01/06/05 1635	tds
	Zinc	50		1.6	30	1	ug/L	138939		01/06/05 1635	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232979

Date: 01/04/2005

CUSTOMER: HKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-109-GW
 Date Sampled.....: 12/21/2004
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 232979-5
 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		0.046	0.15	1.00000	ug/L	138722		12/28/04 1343	kdL
	beta-BHC	0.098	U		0.027	0.098	1.00000	ug/L	138722		12/28/04 1343	kdL
	delta-BHC	0.098	U		0.025	0.098	1.00000	ug/L	138722		12/28/04 1343	kdL
	gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	138722		12/28/04 1343	kdL
	Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	138722		12/28/04 1343	kdL
	Aldrin	0.098	U		0.027	0.098	1.00000	ug/L	138722		12/28/04 1343	kdL
	Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	138722		12/28/04 1343	kdL
	Endosulfan I	0.098	U		0.021	0.098	1.00000	ug/L	138722		12/28/04 1343	kdL
	Dieldrin	0.098	U		0.018	0.098	1.00000	ug/L	138722		12/28/04 1343	kdL
	4,4'-DDE	0.098	U		0.023	0.098	1.00000	ug/L	138722		12/28/04 1343	kdL
	Endrin	0.098	U		0.017	0.098	1.00000	ug/L	138722		12/28/04 1343	kdL
	Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	138722		12/28/04 1343	kdL
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	138722		12/28/04 1343	kdL
	Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	138722		12/28/04 1343	kdL
	4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	138722		12/28/04 1343	kdL
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	138722		12/28/04 1343	kdL
	alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	138722		12/28/04 1343	kdL
	gamma-Chlordane	0.098	U		0.017	0.098	1.00000	ug/L	138722		12/28/04 1343	kdL
	Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	138722		12/28/04 1343	kdL
	Endrin ketone	0.098	U		0.028	0.098	1.00000	ug/L	138722		12/28/04 1343	kdL
	Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	138722		12/28/04 1343	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 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: NTAm-109-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 15:00 Sample Matrix.....: Water			Laboratory Sample ID: 232979-5 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
8082	PCB Analysis											
	Aroclor 1016	0.59	U		0.18	0.59	1.00000	ug/L	138804		12/28/04 1641	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	138804		12/28/04 1641	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	138804		12/28/04 1641	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	138804		12/28/04 1641	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	138804		12/28/04 1641	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	138804		12/28/04 1641	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	138804		12/28/04 1641	bjt

* In Description = Dry Wgt.

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Job Number: 232979		LABORATORY TEST RESULTS						Date: 01/03/2005				
CUSTOMER: MCM Engineers, Inc.		PROJECT: USACE RMAAP 14 AOCs				ATTN: Eric Ellis						
Customer Sample ID: NTAmw-109-GW		Laboratory Sample ID: 232979-5										
Date Sampled.....: 12/21/2004		Date Received.....: 12/22/2004										
Time Sampled.....: 15:00		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 1705	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	138291		12/28/04 1705	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	138291		12/28/04 1705	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	138291		12/28/04 1705	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	138291		12/28/04 1705	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	138291		12/28/04 1705	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232979				Date: 01/03/2005								
CUSTOMER: RKK Engineers, Inc.				PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-109-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 15:00 Sample Matrix.....: Water						Laboratory Sample ID: 232979-5 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 1705	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	138291		12/28/04 1705	jdj

* 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: NTAm-109-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 15:00 Sample Matrix.....: Water			Laboratory Sample ID: 232979-5 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	4.9	U		0.34	4.9	1.00000	ug/L	138813		12/29/04 1545	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	138813		12/29/04 1545	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.42	2.0	1.00000	ug/L	138813		12/29/04 1545	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	138813		12/29/04 1545	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	138813		12/29/04 1545	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	138813		12/29/04 1545	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	138813		12/29/04 1545	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	138813		12/29/04 1545	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	138813		12/29/04 1545	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.60	4.9	1.00000	ug/L	138813		12/29/04 1545	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.098	2.0	1.00000	ug/L	138813		12/29/04 1545	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	138813		12/29/04 1545	dpk
	Nitrobenzene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	138813		12/29/04 1545	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	138813		12/29/04 1545	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	138813		12/29/04 1545	dpk
	Benzoic acid, Low Level Water	20	U		2.9	20	1.00000	ug/L	138813		12/29/04 1545	dpk
	Isophorone, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	138813		12/29/04 1545	dpk
	2,4-Dimethylphenol, Low Level Water	9.8	U		1.3	9.8	1.00000	ug/L	138813		12/29/04 1545	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.63	4.9	1.00000	ug/L	138813		12/29/04 1545	dpk
	Naphthalene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	138813		12/29/04 1545	dpk
	2,4-Dichlorophenol, Low Level Water	9.8	U		0.89	9.8	1.00000	ug/L	138813		12/29/04 1545	dpk
	4-Chloroaniline, Low Level Water	9.8	U		2.7	9.8	1.00000	ug/L	138813		12/29/04 1545	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	138813		12/29/04 1545	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.8	U		1.4	9.8	1.00000	ug/L	138813		12/29/04 1545	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.64	20	1.00000	ug/L	138813		12/29/04 1545	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	138813		12/29/04 1545	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.22	4.9	1.00000	ug/L	138813		12/29/04 1545	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	138813		12/29/04 1545	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 1A AOCS			ATTN: Eric Ellis						
Customer Sample ID: NTAHW-109-GW			Laboratory Sample ID: 232979-5									
Date Sampled.....: 12/21/2004			Date Received.....: 12/22/2004									
Time Sampled.....: 15:00			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
	3,3-Dichlorobenzidine, Low Level Water	4.9	U		0.71	4.9	1.00000	ug/L	138813		12/29/04 1545	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	138813		12/29/04 1545	dpk
	Di-n-octyl phthalate, Low Level Water	9.8	U		2.5	9.8	1.00000	ug/L	138813		12/29/04 1545	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.066	0.39	1.00000	ug/L	138813		12/29/04 1545	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.071	0.39	1.00000	ug/L	138813		12/29/04 1545	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	138813		12/29/04 1545	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.084	0.39	1.00000	ug/L	138813		12/29/04 1545	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	138813		12/29/04 1545	dpk
	Benzo(ghi)perylene, Low Level Water	0.98	U		0.19	0.98	1.00000	ug/L	138813		12/29/04 1545	dpk

* In Description = Dry Wgt.

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Job Number: 232979		LABORATORY TEST RESULTS						Date: 01/05/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RYKAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: NTAw-109-GW Date Sampled.....: 12/21/2004 Time Sampled.....: 15:00 Sample Matrix.....: Water			Laboratory Sample ID: 232979-5 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
8330	Explosives by 8330 (HPLC)											
	NMX	0.33	U		0.073	0.33	1.00000	ug/L	138793		01/01/05 1853	bdw
	RDX	0.21	U	*	0.068	0.21	1.00000	ug/L	138793		01/01/05 1853	bdw
	1,3,5-Trinitrobenzene	0.21	U		0.062	0.21	1.00000	ug/L	138793		01/01/05 1853	bdw
	1,3-Dinitrobenzene	0.21	U		0.059	0.21	1.00000	ug/L	138793		01/01/05 1853	bdw
	Nitrobenzene	0.17	U		0.047	0.17	1.00000	ug/L	138793		01/01/05 1853	bdw
	2,4,6-TNT	0.27	U		0.083	0.27	1.00000	ug/L	138793		01/01/05 1853	bdw
	Tetryl	0.83	U		0.17	0.83	1.00000	ug/L	138793		01/01/05 1853	bdw
	2,4-Dinitrotoluene	0.38	U		0.13	0.38	1.00000	ug/L	138793		01/01/05 1853	bdw
	2,6-Dinitrotoluene	0.46	U		0.15	0.46	1.00000	ug/L	138793		01/01/05 1853	bdw
	2-Amino-4,6-Dinitrotoluene	0.38	U		0.13	0.38	1.00000	ug/L	138793		01/01/05 1853	bdw
	4-Amino-2,6-Dinitrotoluene	0.35	U		0.12	0.35	1.00000	ug/L	138793		01/01/05 1853	bdw
	2-Nitrotoluene	0.33	U		0.099	0.33	1.00000	ug/L	138793		01/01/05 1853	bdw
	4-Nitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	138793		01/01/05 1853	bdw
	3-Nitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	138793		01/01/05 1853	bdw
8332M	NG/PEIN by 8332M (HPLC)											
	Nitroglycerine	1.1	U		0.16	1.1	1.00000	ug/L	138794		12/29/04 0814	bdw

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: NFAmw-109-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L270182-003 Work Order #...: G1R941AC Matrix.....: WATER
Date Sampled...: 12/21/04 15:00 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: NTAmw-109-GW

General Chemistry

Lot-Sample #....: G4L270182-003 Work Order #....: G1R94
Date Sampled....: 12/21/04 15:00 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	0.15 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: 233574

Date:02/01/2005

CUSTOMER: MKN Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-110-BW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-3
 Date Received.....: 01/19/2005
 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	140189		01/24/05 2246	daj
7060A	Arsenic (GFAA) Arsenic	4.7			0.51	2.0	1	ug/L	140084		01/20/05 1828	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	140165		01/20/05 1350	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	140088		01/21/05 0723	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	140548		01/27/05 1538	gek
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	140532		01/27/05 1523	tds
	Barium	130			1.3	10	1	ug/L	140532		01/27/05 1523	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	140532		01/27/05 1523	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	140646		01/28/05 1451	tds
	Calcium	59000			9.5	100	1	ug/L	140532		01/27/05 1523	tds
	Chromium	10	U		1.1	10	1	ug/L	140532		01/27/05 1523	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	140646		01/28/05 1451	tds
	Copper	2.5	B		2.2	10	1	ug/L	140532		01/27/05 1523	tds
	Iron	120	U		38	120	1	ug/L	140532		01/27/05 1523	tds
	Magnesium	15000			8.1	100	1	ug/L	140646		01/28/05 1451	tds
	Manganese	180			0.41	10	1	ug/L	140532		01/27/05 1523	tds
	Nickel	2.2	B		1.0	10	1	ug/L	140532		01/27/05 1523	tds
	Potassium	2300			66	500	1	ug/L	140532		01/27/05 1523	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233574				Date: 02/01/2005								
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-110-GW Date Sampled.....: 01/18/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water						Laboratory Sample ID: 233574-3 Date Received.....: 01/19/2005 Time Received.....: 10:00						
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	140532		01/27/05 1523	tds
	Silver	10	U		0.72	10	1	ug/L	140532		01/27/05 1523	tds
	Sodium	22000			490	1500	1	ug/L	140532		01/27/05 1523	tds
	Vanadium	10	U		1.0	10	1	ug/L	140532		01/27/05 1523	tds
	Zinc	4.9	B		1.6	30	1	ug/L	140532		01/27/05 1523	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 01/28/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-110-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-3
 Date Received.....: 01/19/2005
 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	*	0.047	0.15	1.00000	ug/L	140574		01/27/05 0933	kdl
	beta-BHC	0.099	U	*	0.028	0.099	1.00000	ug/L	140574		01/27/05 0933	kdl
	delta-BHC	0.099	U	*	0.025	0.099	1.00000	ug/L	140574		01/27/05 0933	kdl
	gamma-BHC (Lindane)	0.15	U	*	0.042	0.15	1.00000	ug/L	140574		01/27/05 0933	kdl
	Heptachlor	0.15	U	*	0.041	0.15	1.00000	ug/L	140574		01/27/05 0933	kdl
	Aldrin	0.099	U	*	0.028	0.099	1.00000	ug/L	140574		01/27/05 0933	kdl
	Heptachlor epoxide	0.15	U	*	0.036	0.15	1.00000	ug/L	140574		01/27/05 0933	kdl
	Endosulfan I	0.099	U	*	0.021	0.099	1.00000	ug/L	140574		01/27/05 0933	kdl
	Dieldrin	0.099	U	*	0.018	0.099	1.00000	ug/L	140574		01/27/05 0933	kdl
	4,4'-DDE	0.099	U	*	0.023	0.099	1.00000	ug/L	140574		01/27/05 0933	kdl
	Endrin	0.099	U	*	0.017	0.099	1.00000	ug/L	140574		01/27/05 0933	kdl
	Endosulfan II	0.15	U	*	0.042	0.15	1.00000	ug/L	140574		01/27/05 0933	kdl
	4,4'-DDD	0.11	U	*	0.036	0.11	1.00000	ug/L	140574		01/27/05 0933	kdl
	Endosulfan sulfate	0.15	U	*	0.044	0.15	1.00000	ug/L	140574		01/27/05 0933	kdl
	4,4'-DDT	0.15	U	*	0.049	0.15	1.00000	ug/L	140574		01/27/05 0933	kdl
	Methoxychlor	0.59	U	*	0.17	0.59	1.00000	ug/L	140574		01/27/05 0933	kdl
	alpha-Chlordane	0.050	U	*	0.016	0.050	1.00000	ug/L	140574		01/27/05 0933	kdl
	gamma-Chlordane	0.099	U	*	0.017	0.099	1.00000	ug/L	140574		01/27/05 0933	kdl
	Endrin aldehyde	0.15	U	*	0.035	0.15	1.00000	ug/L	140574		01/27/05 0933	kdl
	Endrin ketone	0.099	U	*	0.029	0.099	1.00000	ug/L	140574		01/27/05 0933	kdl
	Toxaphene	0.50	U	*	0.14	0.50	1.00000	ug/L	140574		01/27/05 0933	kdl

* In Description = Dry Wgt.

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Job Number: 233574		LABORATORY TEST RESULTS						Date:01/31/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: NTAMW-110-GW Date Sampled.....: 01/18/2005 Time Sampled.....: 14:00 Sample Matrix.....: Water			Laboratory Sample ID: 233574-3 Date Received.....: 01/19/2005 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	140661		01/21/05 1225	bjt
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	140661		01/21/05 1225	bjt
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	140661		01/21/05 1225	bjt
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	140661		01/21/05 1225	bjt
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	140661		01/21/05 1225	bjt
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	140661		01/21/05 1225	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	140661		01/21/05 1225	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 02/02/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-110-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-3
 Date Received.....: 01/19/2005
 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	140790		01/31/05 1645	jmp
	Vinyl chloride	1.0		U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Bromomethane	1.0		U	0.10	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Chloroethane	1.0		U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	1,1-Dichloroethene	1.0		U	0.12	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Carbon disulfide	5.0		U	0.20	5.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Acetone	10		U	1.8	10	1.00000	ug/L	140790		01/31/05 1645	jmp
	Methylene chloride	1.5		U	0.35	1.5	1.00000	ug/L	140790		01/31/05 1645	jmp
	trans-1,2-Dichloroethene	1.0		U	0.14	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	1,1-Dichloroethane	1.0		U	0.11	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	cis-1,2-Dichloroethene	1.0		U	0.090	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	2-Butanone (MEK)	10		U	1.2	10	1.00000	ug/L	140790		01/31/05 1645	jmp
	Bromochloromethane	1.0		U	0.10	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Chloroform	1.0		U	0.11	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	1,1,1-Trichloroethane	1.0		U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Carbon tetrachloride	1.0		U	0.13	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Benzene	1.0		U	0.090	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	1,2-Dichloroethane	1.0		U	0.090	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Trichloroethene	1.0		U	0.10	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	1,2-Dichloropropane	1.0		U	0.12	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Bromodichloromethane	1.0		U	0.11	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	cis-1,3-Dichloropropene	1.0		U	0.12	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	4-Methyl-2-pentanone (MIBK)	10		U	0.65	10	1.00000	ug/L	140790		01/31/05 1645	jmp
	Toluene	1.0		U	0.10	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	trans-1,3-Dichloropropene	1.0		U	0.15	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	1,1,2-Trichloroethane	1.0		U	0.15	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Tetrachloroethene	1.0		U	0.090	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	2-Hexanone	10		U	0.53	10	1.00000	ug/L	140790		01/31/05 1645	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574 Date: 02/02/2005

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

Customer Sample ID: NTAm-110-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-3
 Date Received.....: 01/19/2005
 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 1645	jmp
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	1,2-Dichloroethane (total)	1.0	U		0.23	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140790		01/31/05 1645	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 01/26/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-110-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-3
 Date Received.....: 01/19/2005
 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	5.1	U		0.36	5.1	1.00000	ug/L	140334		01/21/05 1354	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.44	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.36	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	140334		01/21/05 1354	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.51	U		0.083	0.51	1.00000	ug/L	140334		01/21/05 1354	dpk
	Hexachloroethane, Low Level Water	5.1	U		0.62	5.1	1.00000	ug/L	140334		01/21/05 1354	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.10	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	2-Chlorophenol, Low Level Water	5.1	U		0.12	5.1	1.00000	ug/L	140334		01/21/05 1354	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	Benzoic acid, Low Level Water	20	U		3.1	20	1.00000	ug/L	140334		01/21/05 1354	dpk
	Isophorone, Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	140334		01/21/05 1354	dpk
	Hexachlorobutadiene, Low Level Water	5.1	U		0.65	5.1	1.00000	ug/L	140334		01/21/05 1354	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.93	10	1.00000	ug/L	140334		01/21/05 1354	dpk
	4-Chloroaniline, Low Level Water	10	U		2.9	10	1.00000	ug/L	140334		01/21/05 1354	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.1	U		0.21	5.1	1.00000	ug/L	140334		01/21/05 1354	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	140334		01/21/05 1354	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.66	20	1.00000	ug/L	140334		01/21/05 1354	dpk
	2-Methylnaphthalene, Low Level Water	0.51	U		0.13	0.51	1.00000	ug/L	140334		01/21/05 1354	dpk
	2-Nitroaniline, Low Level Water	5.1	U		0.22	5.1	1.00000	ug/L	140334		01/21/05 1354	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 01/26/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: N1Amw-110-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-3
 Date Received.....: 01/19/2005
 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	140334		01/21/05 1354	dpk
	2,6-Dinitrotoluene, Low Level Water	0.51	U		0.11	0.51	1.00000	ug/L	140334		01/21/05 1354	dpk
	2-Nitrophenol, Low Level Water	10	U		0.84	10	1.00000	ug/L	140334		01/21/05 1354	dpk
	3-Nitroaniline, Low Level Water	10	U		2.1	10	1.00000	ug/L	140334		01/21/05 1354	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.4	20	1.00000	ug/L	140334		01/21/05 1354	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	4-Nitrophenol, Low Level Water	20	U		3.8	20	1.00000	ug/L	140334		01/21/05 1354	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	4-Nitroaniline, Low Level Water	10	U		2.3	10	1.00000	ug/L	140334		01/21/05 1354	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.1	U		0.19	5.1	1.00000	ug/L	140334		01/21/05 1354	dpk
	Hexachlorobenzene, Low Level Water	0.51	U		0.099	0.51	1.00000	ug/L	140334		01/21/05 1354	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.1	U		0.77	5.1	1.00000	ug/L	140334		01/21/05 1354	dpk
	Pentachlorophenol, Low Level Water	10	U		1.7	10	1.00000	ug/L	140334		01/21/05 1354	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	140334		01/21/05 1354	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	Carbazole, Low Level Water	5.1	U		0.30	5.1	1.00000	ug/L	140334		01/21/05 1354	dpk
	Di-n-butyl phthalate, Low Level Water	5.1	U		0.37	5.1	1.00000	ug/L	140334		01/21/05 1354	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.40	2.0	1.00000	ug/L	140334		01/21/05 1354	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.050	0.20	1.00000	ug/L	140334		01/21/05 1354	dpk
	Chrysene, Low Level Water	0.51	U		0.046	0.51	1.00000	ug/L	140334		01/21/05 1354	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 01/26/2005

CUSTOMER: MKR Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-110-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-3
 Date Received.....: 01/19/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	QT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	5.1	U		0.73	5.1	1.00000	ug/L	140334		01/21/05 1354	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		4.0	15	1.00000	ug/L	140334		01/21/05 1354	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	140334		01/21/05 1354	dpk
	Benzo(b)fluoranthene, Low Level Water	0.41	U		0.068	0.41	1.00000	ug/L	140334		01/21/05 1354	dpk
	Benzo(k)fluoranthene, Low Level Water	0.41	U		0.073	0.41	1.00000	ug/L	140334		01/21/05 1354	dpk
	Benzo(a)pyrene, Low Level Water	0.41	U		0.086	0.41	1.00000	ug/L	140334		01/21/05 1354	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.41	U		0.088	0.41	1.00000	ug/L	140334		01/21/05 1354	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.41	U		0.13	0.41	1.00000	ug/L	140334		01/21/05 1354	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.19	1.0	1.00000	ug/L	140334		01/21/05 1354	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 01/31/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP T4 AGES

ATTN: Eric Ellis

Customer Sample ID: NTAm-110-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 14:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-3
 Date Received.....: 01/19/2005
 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	0.44	U		0.097	0.44	1.00000	ug/L	140653		01/26/05 0416	san
	RDX	0.29	U		0.092	0.29	1.00000	ug/L	140653		01/26/05 0416	san
	1,3,5-Trinitrobenzene	0.29	U		0.083	0.29	1.00000	ug/L	140653		01/26/05 0416	san
	1,3-Dinitrobenzene	0.29	U		0.079	0.29	1.00000	ug/L	140653		01/26/05 0416	san
	Nitrobenzene	0.23	U		0.063	0.23	1.00000	ug/L	140653		01/26/05 0416	san
	2,4,6-TNT	0.36	U		0.11	0.36	1.00000	ug/L	140653		01/26/05 0416	san
	Tetryl	1.1	U		0.24	1.1	1.00000	ug/L	140653		01/26/05 0416	san
	2,4-Dinitrotoluene	0.52	U		0.17	0.52	1.00000	ug/L	140653		01/26/05 0416	san
	2,6-Dinitrotoluene	0.62	U		0.20	0.62	1.00000	ug/L	140653		01/26/05 0416	san
	2-Amino-4,6-Dinitrotoluene	0.52	U		0.17	0.52	1.00000	ug/L	140653		01/26/05 0416	san
	4-Amino-2,6-Dinitrotoluene	0.47	U		0.16	0.47	1.00000	ug/L	140653		01/26/05 0416	san
	2-Nitrotoluene	0.44	U		0.13	0.44	1.00000	ug/L	140653		01/26/05 0416	san
	4-Nitrotoluene	0.44	U		0.14	0.44	1.00000	ug/L	140653		01/26/05 0416	san
	3-Nitrotoluene	0.44	U		0.14	0.44	1.00000	ug/L	140653		01/26/05 0416	san
8332K	NG/PETN by 8332K (HPLC)											
	Nitroglycerine	1.4	U		0.22	1.4	1.00000	ug/L	140663		01/26/05 1345	san

* In Description = Dry Wgt.

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STL CHICAGO

Client Sample ID: NTAmw-110-GW

Trace Level Organic Compounds

Lot-Sample #....: G5A200209-001 Work Order #....: G2XQP1AC Matrix.....: WATER
Date Sampled....: 01/18/05 14:00 Date Received...: 01/20/05
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</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: NTAmw-110-GW

General Chemistry

Matrix.....: WATER

Lot-Sample #...: G5A200209-001
Date Sampled...: 01/18/05

Work Order #...: G2XQP
Date Received...: 01/20/05

<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	0.14 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: 232876		LABORATORY TEST RESULTS						Date: 01/03/2005				
CUSTOMER: MKM Engineers, Inc.		PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis						
Customer Sample ID: NTAmw-111-GW		Laboratory Sample ID: 232876-2		Date Sampled.....: 12/16/2004		Date Received.....: 12/17/2004		Time Sampled.....: 11:35		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
7041	Antimony (GFAA) Antimony	3.1	B		2.5	7.5	1	ug/L	137685		12/21/04 0202	da j
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	137730		12/20/04 1603	da j
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	137991		12/22/04 1748	da j
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	137972		12/22/04 1255	da j
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137691		12/20/04 1624	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	138597		12/31/04 0648	tds
	Barium	67			1.3	10	1	ug/L	138597		12/31/04 0648	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	138597		12/31/04 0648	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	138597		12/31/04 0648	tds
	Calcium	76000			9.5	100	1	ug/L	138597		12/31/04 0648	tds
	Chromium	10	U		1.1	10	1	ug/L	138597		12/31/04 0648	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	138597		12/31/04 0648	tds
	Copper	10	U		2.2	10	1	ug/L	138597		12/31/04 0648	tds
	Iron	120	U		38	120	1	ug/L	138597		12/31/04 0648	tds
	Magnesium	35000			8.1	100	1	ug/L	138597		12/31/04 0648	tds
	Manganese	71			0.41	10	1	ug/L	138597		12/31/04 0648	tds
	Nickel	10	U		1.0	10	1	ug/L	138597		12/31/04 0648	tds
	Potassium	1700			66	500	1	ug/L	138597		12/31/04 0648	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232876								Date: 01/03/2005				
CUSTOMER: MKN Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: NTAm-111-GW Date Sampled: 12/16/2004 Time Sampled: 11:35 Sample Matrix: Water						Laboratory Sample ID: 232876-2 Date Received: 12/17/2004 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	138597		12/31/04 0648	tds
	Silver	10	U		0.72	10	1	ug/L	138597		12/31/04 0648	tds
	Sodium	11000			490	1500	1	ug/L	138597		12/31/04 0648	tds
	Vanadium	10	U		1.0	10	1	ug/L	138597		12/31/04 0648	tds
	Zinc	3.3	B		1.6	30	1	ug/L	138597		12/31/04 0648	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232876

Date: 12/30/2004

CUSTOMER: MKP Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric ELLIS

Customer Sample ID: NTAmw-111-GW
 Date Sampled.....: 12/16/2004
 Time Sampled.....: 11:35
 Sample Matrix.....: Water

Laboratory Sample ID: 232876-2
 Date Received.....: 12/17/2004
 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	138514		12/22/04 1243	kdl
	beta-BHC	0.097	U		0.027	0.097	1.00000	ug/L	138514		12/22/04 1243	kdl
	delta-BHC	0.097	U		0.024	0.097	1.00000	ug/L	138514		12/22/04 1243	kdl
	gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	138514		12/22/04 1243	kdl
	Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	138514		12/22/04 1243	kdl
	Aldrin	0.097	U		0.027	0.097	1.00000	ug/L	138514		12/22/04 1243	kdl
	Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	138514		12/22/04 1243	kdl
	Endosulfan I	0.097	U		0.020	0.097	1.00000	ug/L	138514		12/22/04 1243	kdl
	Dieldrin	0.097	U		0.017	0.097	1.00000	ug/L	138514		12/22/04 1243	kdl
	4,4'-DDE	0.097	U		0.022	0.097	1.00000	ug/L	138514		12/22/04 1243	kdl
	Endrin	0.097	U		0.017	0.097	1.00000	ug/L	138514		12/22/04 1243	kdl
	Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	138514		12/22/04 1243	kdl
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	138514		12/22/04 1243	kdl
	Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	138514		12/22/04 1243	kdl
	4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	138514		12/22/04 1243	kdl
	Methoxychlor	0.58	U		0.17	0.58	1.00000	ug/L	138514		12/22/04 1243	kdl
	alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	138514		12/22/04 1243	kdl
	gamma-Chlordane	0.097	U		0.017	0.097	1.00000	ug/L	138514		12/22/04 1243	kdl
	Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	138514		12/22/04 1243	kdl
	Endrin ketone	0.097	U		0.028	0.097	1.00000	ug/L	138514		12/22/04 1243	kdl
	Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	138514		12/22/04 1243	kdl

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS						Date: 12/30/2004				
CUSTOMER: HKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: NTAmw-111-GW Date Sampled.....: 12/16/2004 Time Sampled.....: 11:35 Sample Matrix.....: Water			Laboratory Sample ID: 232876-2 Date Received.....: 12/17/2004 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MOL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.58	U		0.17	0.58	1.00000	ug/L	138439		12/22/04 1933	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	138439		12/22/04 1933	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	138439		12/22/04 1933	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	138439		12/22/04 1933	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	138439		12/22/04 1933	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	138439		12/22/04 1933	bjt
	Aroclor 1260	0.58	U		0.17	0.58	1.00000	ug/L	138439		12/22/04 1933	bjt

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS						Date: 12/29/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RYAMP 14 AGCS			ATTN: Eric Ellis						
Customer Sample ID: NTAmw-111-GW Date Sampled.....: 12/16/2004 Time Sampled.....: 11:35 Sample Matrix.....: Water			Laboratory Sample ID: 232876-2 Date Received.....: 12/17/2004 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	138291		12/28/04 1430	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	138291		12/28/04 1430	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	138291		12/28/04 1430	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	138291		12/28/04 1430	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	138291		12/28/04 1430	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	138291		12/28/04 1430	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232876				Date: 12/29/2004								
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RWAMP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: NTAw-111-GW Date Sampled.....: 12/16/2004 Time Sampled.....: 11:35 Sample Matrix.....: Water						Laboratory Sample ID: 232876-2 Date Received.....: 12/17/2004 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	138291		12/28/04 1430	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	138291		12/28/04 1430	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232876						Date: 01/05/2005						
CUSTOMER: MCM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADS				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-111-GW Date Sampled: 12/16/2004 Time Sampled: 11:35 Sample Matrix: Water						Laboratory Sample ID: 232876-2 Date Received: 12/17/2004 Time Received: 10:00						
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	4.9	U		0.34	4.9	1.00000	ug/L	138792		12/27/04 0933	glr
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.42	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.34	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	138792		12/27/04 0933	glr
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	138792		12/27/04 0933	glr
	Hexachloroethane, Low Level Water	4.9	U		0.59	4.9	1.00000	ug/L	138792		12/27/04 0933	glr
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.097	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	138792		12/27/04 0933	glr
	Nitrobenzene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	138792		12/27/04 0933	glr
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	138792		12/27/04 0933	glr
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	2,4-Dimethylphenol, Low Level Water	9.7	U		1.3	9.7	1.00000	ug/L	138792		12/27/04 0933	glr
	Hexachlorobutadiene, Low Level Water	4.9	U		0.62	4.9	1.00000	ug/L	138792		12/27/04 0933	glr
	Naphthalene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	138792		12/27/04 0933	glr
	2,4-Dichlorophenol, Low Level Water	9.7	U		0.88	9.7	1.00000	ug/L	138792		12/27/04 0933	glr
	4-Chloroaniline, Low Level Water	9.7	U		2.7	9.7	1.00000	ug/L	138792		12/27/04 0933	glr
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.20	4.9	1.00000	ug/L	138792		12/27/04 0933	glr
	2,4,5-Trichlorophenol, Low Level Water	9.7	U		1.4	9.7	1.00000	ug/L	138792		12/27/04 0933	glr
	Hexachlorocyclopentadiene, Low Level Water	19	U		0.63	19	1.00000	ug/L	138792		12/27/04 0933	glr
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	138792		12/27/04 0933	glr
	2-Nitroaniline, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	138792		12/27/04 0933	glr
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138792		12/27/04 0933	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232876						Date: 01/05/2005						
CUSTOMER: MCM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: NTAww-111-GW Date Sampled.....: 12/16/2004 Time Sampled.....: 11:35 Sample Matrix.....: Water						Laboratory Sample ID: 232876-2 Date Received.....: 12/17/2004 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	9.7	U		2.3	9.7	1.00000	ug/L	138792		12/27/04 0933	glr
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	138792		12/27/04 0933	glr
	2-Nitrophenol, Low Level Water	9.7	U		0.80	9.7	1.00000	ug/L	138792		12/27/04 0933	glr
	3-Nitroaniline, Low Level Water	9.7	U		2.0	9.7	1.00000	ug/L	138792		12/27/04 0933	glr
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	2,4-Dinitrophenol, Low Level Water	19	U		3.2	19	1.00000	ug/L	138792		12/27/04 0933	glr
	Acenaphthylene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	138792		12/27/04 0933	glr
	2,4-Dinitrotoluene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	138792		12/27/04 0933	glr
	Acenaphthene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	138792		12/27/04 0933	glr
	Dibenzofuran, Low Level Water	1.9	U		0.13	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	4-Nitrophenol, Low Level Water	19	U		3.6	19	1.00000	ug/L	138792		12/27/04 0933	glr
	Fluorene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	138792		12/27/04 0933	glr
	4-Nitroaniline, Low Level Water	9.7	U		2.2	9.7	1.00000	ug/L	138792		12/27/04 0933	glr
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.18	4.9	1.00000	ug/L	138792		12/27/04 0933	glr
	Hexachlorobenzene, Low Level Water	0.49	U		0.094	0.49	1.00000	ug/L	138792		12/27/04 0933	glr
	Diethyl phthalate, Low Level Water	1.9	U		0.15	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.73	4.9	1.00000	ug/L	138792		12/27/04 0933	glr
	Pentachlorophenol, Low Level Water	9.7	U		1.7	9.7	1.00000	ug/L	138792		12/27/04 0933	glr
	n-Nitrosodiphenylamine, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	138792		12/27/04 0933	glr
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	138792		12/27/04 0933	glr
	Phenanthrene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	138792		12/27/04 0933	glr
	Anthracene, Low Level Water	0.97	U		0.15	0.97	1.00000	ug/L	138792		12/27/04 0933	glr
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	138792		12/27/04 0933	glr
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	138792		12/27/04 0933	glr
	Fluoranthene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	138792		12/27/04 0933	glr
	Pyrene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	138792		12/27/04 0933	glr
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.38	1.9	1.00000	ug/L	138792		12/27/04 0933	glr
	Benzo(a)anthracene, Low Level Water	0.19	U		0.048	0.19	1.00000	ug/L	138792		12/27/04 0933	glr
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	138792		12/27/04 0933	glr

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS					Date: 01/05/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis					
Customer Sample ID: NTAmw-111-GH Date Sampled.....: 12/16/2004 Time Sampled.....: 11:35 Sample Matrix.....: Water			Laboratory Sample ID: 232876-2 Date Received.....: 12/17/2004 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	138792		12/27/04 0933	glr
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U	3.8	15	1.00000	ug/L	138792		12/27/04 0933	glr
	Di-n-octyl phthalate, Low Level Water	9.7	U	2.4	9.7	1.00000	ug/L	138792		12/27/04 0933	glr
	Benzo(b)fluoranthene, Low Level Water	0.39	U	0.065	0.39	1.00000	ug/L	138792		12/27/04 0933	glr
	Benzo(k)fluoranthene, Low Level Water	0.39	U	0.070	0.39	1.00000	ug/L	138792		12/27/04 0933	glr
	Benzo(a)pyrene, Low Level Water	0.39	U	0.082	0.39	1.00000	ug/L	138792		12/27/04 0933	glr
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U	0.083	0.39	1.00000	ug/L	138792		12/27/04 0933	glr
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U	0.13	0.39	1.00000	ug/L	138792		12/27/04 0933	glr
	Benzo(ghi)perylene, Low Level Water	0.97	U	0.18	0.97	1.00000	ug/L	138792		12/27/04 0933	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232876

Date: 01/03/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellett

Customer Sample ID: NTAmw-111-GW
 Date Sampled.....: 12/16/2004
 Time Sampled.....: 11:35
 Sample Matrix.....: Water

Laboratory Sample ID: 232876-2
 Date Received.....: 12/17/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MCL	RL	DILUTION	UNITS	BATCH	DY	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.49	U		0.11	0.49	1.00000	ug/L	138466		12/21/04 0701	san
	RDX	0.32	U		0.10	0.32	1.00000	ug/L	138466		12/21/04 0701	san
	1,3,5-Trinitrobenzene	0.32	U		0.092	0.32	1.00000	ug/L	138466		12/21/04 0701	san
	1,3-Dinitrobenzene	0.32	U		0.087	0.32	1.00000	ug/L	138466		12/21/04 0701	san
	Nitrobenzene	0.25	U		0.070	0.25	1.00000	ug/L	138466		12/21/04 0701	san
	2,4,6-TNT	0.40	U		0.12	0.40	1.00000	ug/L	138466		12/21/04 0701	san
	Tetryl	1.2	U		0.26	1.2	1.00000	ug/L	138466		12/21/04 0701	san
	2,4-Dinitrotoluene	0.57	U		0.19	0.57	1.00000	ug/L	138466		12/21/04 0701	san
	2,6-Dinitrotoluene	0.68	U		0.23	0.68	1.00000	ug/L	138466		12/21/04 0701	san
	2-Amino-4,6-Dinitrotoluene	0.57	U		0.19	0.57	1.00000	ug/L	138466		12/21/04 0701	san
	4-Amino-2,6-Dinitrotoluene	0.52	U		0.18	0.52	1.00000	ug/L	138466		12/21/04 0701	san
	2-Nitrotoluene	0.49	U		0.15	0.49	1.00000	ug/L	138466		12/21/04 0701	san
4-Nitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	138466		12/21/04 0701	san	
3-Nitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	138466		12/21/04 0701	san	
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.6	U	*	0.24	1.6	1.00000	ug/L	138479		01/02/05 0001	san	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: NTAmw-111-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L170394-002 Work Order #...: G1EFJ1AC
Date Sampled...: 12/16/04 11:35 Date Received...: 12/17/04
Prep Date.....: 12/27/04 Analysis Date...: 12/27/04
Prep Batch #...: 4362276
Dilution Factor: 1 Initial Wgt/Vol: 10 mL

Matrix.....: WATER

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: NTAmw-111-GW

General Chemistry

Lot-Sample #...: G4L170394-002
Date Sampled...: 12/16/04 11:35

Work Order #...: G1EFJ
Date Received...: 12/17/04

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	0.14 B	0.50	mg/L	MCAWW 353.2	12/21-12/22/04	4356659
			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.

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Job Number: 232876		LABORATORY TEST RESULTS						Date: 01/03/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: HTAmw-112-GW Date Sampled.....: 12/16/2004 Time Sampled.....: 10:40 Sample Matrix.....: Water			Laboratory Sample ID: 232876-1 Date Received.....: 12/17/2004 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	7.6			2.5	7.5	1	ug/L	137685		12/21/04 0150	daj
7060A	Arsenic (GFAA) Arsenic	10			0.51	2.0	1	ug/L	137730		12/20/04 1551	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	137991		12/22/04 1725	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	137972		12/22/04 1243	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137691		12/20/04 1621	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	138597		12/31/04 0617	tds
	Barium	44			1.3	10	1	ug/L	138597		12/31/04 0617	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	138597		12/31/04 0617	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	138597		12/31/04 0617	tds
	Calcium	130000			9.5	100	1	ug/L	138597		12/31/04 0617	tds
	Chromium	10	U		1.1	10	1	ug/L	138597		12/31/04 0617	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	138597		12/31/04 0617	tds
	Copper	10	U		2.2	10	1	ug/L	138597		12/31/04 0617	tds
	Iron	1300			38	120	1	ug/L	138597		12/31/04 0617	tds
	Magnesium	38000			8.1	100	1	ug/L	138597		12/31/04 0617	tds
	Manganese	600			0.41	10	1	ug/L	138597		12/31/04 0617	tds
	Nickel	10	U		1.0	10	1	ug/L	138597		12/31/04 0617	tds
	Potassium	6400			66	500	1	ug/L	138597		12/31/04 0617	tds

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS						Date: 01/03/2005				
CUSTOMER: HMM Engineers, Inc.			PROJECT: USACE KVAMP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: NTAiw-112-GW			Laboratory Sample ID: 232876-1									
Date Sampled.....: 12/16/2004			Date Received.....: 12/17/2004									
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
	Selenium	15	U		3.0	15	1	ug/L	138597		12/31/04 0617	tds
	Silver	10	U		0.72	10	1	ug/L	138597		12/31/04 0617	tds
	Sodium	16000	U		490	1500	1	ug/L	138597		12/31/04 0617	tds
	Vanadium	10	U		1.0	10	1	ug/L	138597		12/31/04 0617	tds
	Zinc	12	B		1.6	30	1	ug/L	138597		12/31/04 0617	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232876

Date: 12/30/2004

CUSTOMER: NKM Engineers, Inc.

PROJECT: USACE RVAAP T&AOS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-112-GW
 Date Sampled.....: 12/16/2004
 Time Sampled.....: 10:40
 Sample Matrix.....: Water

Laboratory Sample ID: 232876-1
 Date Received.....: 12/17/2004
 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	138514		12/22/04 1218	kdL
	beta-BHC	0.098	U	0.027	0.098	1.00000	ug/L	138514		12/22/04 1218	kdL
	delta-BHC	0.098	U	0.025	0.098	1.00000	ug/L	138514		12/22/04 1218	kdL
	gamma-BHC (Lindane)	0.15	U	0.041	0.15	1.00000	ug/L	138514		12/22/04 1218	kdL
	Heptachlor	0.15	U	0.040	0.15	1.00000	ug/L	138514		12/22/04 1218	kdL
	Aldrin	0.098	U	0.027	0.098	1.00000	ug/L	138514		12/22/04 1218	kdL
	Heptachlor epoxide	0.15	U	0.035	0.15	1.00000	ug/L	138514		12/22/04 1218	kdL
	Endosulfan I	0.098	U	0.021	0.098	1.00000	ug/L	138514		12/22/04 1218	kdL
	Dieldrin	0.098	U	0.018	0.098	1.00000	ug/L	138514		12/22/04 1218	kdL
	4,4'-DDE	0.098	U	0.023	0.098	1.00000	ug/L	138514		12/22/04 1218	kdL
	Endrin	0.098	U	0.017	0.098	1.00000	ug/L	138514		12/22/04 1218	kdL
	Endosulfan II	0.15	U	0.041	0.15	1.00000	ug/L	138514		12/22/04 1218	kdL
	4,4'-DDD	0.11	U	0.035	0.11	1.00000	ug/L	138514		12/22/04 1218	kdL
	Endosulfan sulfate	0.15	U	0.043	0.15	1.00000	ug/L	138514		12/22/04 1218	kdL
	4,4'-DDT	0.15	U	0.048	0.15	1.00000	ug/L	138514		12/22/04 1218	kdL
	Methoxychlor	0.59	U	0.17	0.59	1.00000	ug/L	138514		12/22/04 1218	kdL
	alpha-Chlordane	0.049	U	0.016	0.049	1.00000	ug/L	138514		12/22/04 1218	kdL
	gamma-Chlordane	0.098	U	0.017	0.098	1.00000	ug/L	138514		12/22/04 1218	kdL
	Endrin aldehyde	0.15	U	0.034	0.15	1.00000	ug/L	138514		12/22/04 1218	kdL
	Endrin ketone	0.098	U	0.028	0.098	1.00000	ug/L	138514		12/22/04 1218	kdL
	Toxaphene	0.49	U	0.14	0.49	1.00000	ug/L	138514		12/22/04 1218	kdL

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS						Date: 12/30/2004				
CUSTOMER: MCM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADS			ATTN: Eric Ellis						
Customer Sample ID: NTAW-112-GW			Laboratory Sample ID: 232876-1									
Date Sampled.....: 12/16/2004			Date Received.....: 12/17/2004									
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	0.59	U		0.18	0.59	1.00000	ug/L	138439		12/22/04 1858	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	138439		12/22/04 1858	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	138439		12/22/04 1858	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	138439		12/22/04 1858	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	138439		12/22/04 1858	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	138439		12/22/04 1858	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	138439		12/22/04 1858	bjt

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS						Date: 12/29/2004					
CUSTOMER: MKM Engineers, Inc.		PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric ELLIS							
Customer Sample ID: WTAIW-112-GW		Laboratory Sample ID: 232876-1		Date Sampled: 12/16/2004		Date Received: 12/17/2004		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	
8260B	Volatile Organics												
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	1,1-Dichloroethane	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Acetone	10	U		1.8	10	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	138291		12/28/04 1407	jdj	
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	2-Butanone (MEK)	64	U	H	1.2	10	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj	
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	138291		12/28/04 1407	jdj	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232876						Date: 12/29/2004						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RYAAP 14 AOCS				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-112-GW Date Sampled.....: 12/16/2004 Time Sampled.....: 10:40 Sample Matrix.....: Water						Laboratory Sample ID: 232876-1 Date Received.....: 12/17/2004 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	138291		12/28/04 1407	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	138291		12/28/04 1407	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj
	Styrene	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	138291		12/28/04 1407	jdj

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

Job Number: 232876		LABORATORY TEST RESULTS						Date:01/05/2005			
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AOCs			ATTN: Eric Ellis					
Customer Sample ID: NTAww-112-GW Date Sampled.....: 12/16/2004 Time Sampled.....: 10:40 Sample Matrix.....: Water			Laboratory Sample ID: 232876-1 Date Received.....: 12/17/2004 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	4.8	U	0.33	4.8	1.00000	ug/L	138792		12/27/04 0909	glr
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U	0.29	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	1,3-Dichlorobenzene, Low Level Water	1.9	U	0.41	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	1,4-Dichlorobenzene, Low Level Water	1.9	U	0.31	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	1,2-Dichlorobenzene, Low Level Water	1.9	U	0.33	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	Benzyl alcohol, Low Level Water	19	U	2.1	19	1.00000	ug/L	138792		12/27/04 0909	glr
	2-Methylphenol (o-cresol), Low Level Water	1.9	U	0.25	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U	0.27	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	n-Nitroso-di-n-propylamine, Low Level Water	0.48	U	0.077	0.48	1.00000	ug/L	138792		12/27/04 0909	glr
	Hexachloroethane, Low Level Water	4.8	U	0.58	4.8	1.00000	ug/L	138792		12/27/04 0909	glr
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U	0.095	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	2-Chlorophenol, Low Level Water	4.8	U	0.11	4.8	1.00000	ug/L	138792		12/27/04 0909	glr
	Nitrobenzene, Low Level Water	0.95	U	0.15	0.95	1.00000	ug/L	138792		12/27/04 0909	glr
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U	0.30	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U	0.32	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	Benzoic acid, Low Level Water	19	U	2.9	19	1.00000	ug/L	138792		12/27/04 0909	glr
	Isophorone, Low Level Water	1.9	U	0.25	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	2,4-Dimethylphenol, Low Level Water	9.5	U	1.2	9.5	1.00000	ug/L	138792		12/27/04 0909	glr
	Hexachlorobutadiene, Low Level Water	4.8	U	0.61	4.8	1.00000	ug/L	138792		12/27/04 0909	glr
	Naphthalene, Low Level Water	0.95	U	0.15	0.95	1.00000	ug/L	138792		12/27/04 0909	glr
	2,4-Dichlorophenol, Low Level Water	9.5	U	0.87	9.5	1.00000	ug/L	138792		12/27/04 0909	glr
	4-Chloroaniline, Low Level Water	9.5	U	2.7	9.5	1.00000	ug/L	138792		12/27/04 0909	glr
	2,4,6-Trichlorophenol, Low Level Water	4.8	U	0.20	4.8	1.00000	ug/L	138792		12/27/04 0909	glr
	2,4,5-Trichlorophenol, Low Level Water	9.5	U	1.3	9.5	1.00000	ug/L	138792		12/27/04 0909	glr
	Hexachlorocyclopentadiene, Low Level Water	19	U	0.62	19	1.00000	ug/L	138792		12/27/04 0909	glr
	2-Methylnaphthalene, Low Level Water	0.48	U	0.12	0.48	1.00000	ug/L	138792		12/27/04 0909	glr
	2-Nitroaniline, Low Level Water	4.8	U	0.21	4.8	1.00000	ug/L	138792		12/27/04 0909	glr
	2-Chloronaphthalene, Low Level Water	1.9	U	0.25	1.9	1.00000	ug/L	138792		12/27/04 0909	glr

* In Description = Dry Wgt.

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Job Number: 232876	LABORATORY TEST RESULTS	Date: 01/05/2005
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CUSTOMER: MKM Engineers, Inc.	PROJECT: USACE RVAAP 14 AOC5	ATTN: Eric Ellis
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Customer Sample ID: NTAww-112-GW
 Date Sampled.....: 12/16/2004
 Time Sampled.....: 10:40
 Sample Matrix.....: Water

Laboratory Sample ID: 232876-1
 Date Received.....: 12/17/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	QUANTITY	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	9.5	U		2.3	9.5	1.00000	ug/L	138792		12/27/04 0909	glr
	2,6-Dinitrotoluene, Low Level Water	0.48	U		0.10	0.48	1.00000	ug/L	138792		12/27/04 0909	glr
	2-Nitrophenol, Low Level Water	9.5	U		0.78	9.5	1.00000	ug/L	138792		12/27/04 0909	glr
	3-Nitroaniline, Low Level Water	9.5	U		2.0	9.5	1.00000	ug/L	138792		12/27/04 0909	glr
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	2,4-Dinitrophenol, Low Level Water	19	U		3.1	19	1.00000	ug/L	138792		12/27/04 0909	glr
	Acenaphthylene, Low Level Water	0.95	U		0.11	0.95	1.00000	ug/L	138792		12/27/04 0909	glr
	2,4-Dinitrotoluene, Low Level Water	0.95	U		0.12	0.95	1.00000	ug/L	138792		12/27/04 0909	glr
	Acenaphthene, Low Level Water	0.95	U		0.11	0.95	1.00000	ug/L	138792		12/27/04 0909	glr
	Dibenzofuran, Low Level Water	1.9	U		0.12	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	4-Nitrophenol, Low Level Water	19	U		3.5	19	1.00000	ug/L	138792		12/27/04 0909	glr
	Fluorene, Low Level Water	0.95	U		0.12	0.95	1.00000	ug/L	138792		12/27/04 0909	glr
	4-Nitroaniline, Low Level Water	9.5	U		2.2	9.5	1.00000	ug/L	138792		12/27/04 0909	glr
	4-Bromophenyl phenyl ether, Low Level Water	4.8	U		0.18	4.8	1.00000	ug/L	138792		12/27/04 0909	glr
	Hexachlorobenzene, Low Level Water	0.48	U		0.092	0.48	1.00000	ug/L	138792		12/27/04 0909	glr
	Diethyl phthalate, Low Level Water	1.9	U		0.14	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	4-Chlorophenyl phenyl ether, Low Level Water	4.8	U		0.71	4.8	1.00000	ug/L	138792		12/27/04 0909	glr
	Pentachlorophenol, Low Level Water	9.5	U		1.6	9.5	1.00000	ug/L	138792		12/27/04 0909	glr
	m-Nitrosodiphenylamine, Low Level Water	0.95	U		0.12	0.95	1.00000	ug/L	138792		12/27/04 0909	glr
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	138792		12/27/04 0909	glr
	Phenanthrene, Low Level Water	0.95	U		0.13	0.95	1.00000	ug/L	138792		12/27/04 0909	glr
	Anthracene, Low Level Water	0.95	U		0.14	0.95	1.00000	ug/L	138792		12/27/04 0909	glr
	Carbazole, Low Level Water	4.8	U		0.28	4.8	1.00000	ug/L	138792		12/27/04 0909	glr
	Di-n-butyl phthalate, Low Level Water	4.8	U		0.34	4.8	1.00000	ug/L	138792		12/27/04 0909	glr
	Fluoranthene, Low Level Water	0.95	U		0.13	0.95	1.00000	ug/L	138792		12/27/04 0909	glr
	Pyrene, Low Level Water	0.95	U		0.11	0.95	1.00000	ug/L	138792		12/27/04 0909	glr
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.37	1.9	1.00000	ug/L	138792		12/27/04 0909	glr
	Benzo(a)anthracene, Low Level Water	0.19	U		0.047	0.19	1.00000	ug/L	138792		12/27/04 0909	glr
	Chrysene, Low Level Water	0.48	U		0.043	0.48	1.00000	ug/L	138792		12/27/04 0909	glr

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS					Date: 01/05/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RWAP 14 ADDS			ATTN: Eric Ellis						
Customer Sample ID: NTAmw-112-GW			Laboratory Sample ID: 232876-1			Date Sampled.....: 12/16/2004			Date Received.....: 12/17/2004			
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
	3,3-Dichlorobenzidine, Low Level Water	4.8	U		0.69	4.8	1.00000	ug/L	138792		12/27/04 0909	glr
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U		3.7	14	1.00000	ug/L	138792		12/27/04 0909	glr
	Di-n-octyl phthalate, Low Level Water	9.5	U		2.4	9.5	1.00000	ug/L	138792		12/27/04 0909	glr
	Benzo(b)fluoranthene, Low Level Water	0.38	U		0.064	0.38	1.00000	ug/L	138792		12/27/04 0909	glr
	Benzo(k)fluoranthene, Low Level Water	0.38	U		0.069	0.38	1.00000	ug/L	138792		12/27/04 0909	glr
	Benzo(a)pyrene, Low Level Water	0.38	U		0.080	0.38	1.00000	ug/L	138792		12/27/04 0909	glr
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.38	U		0.082	0.38	1.00000	ug/L	138792		12/27/04 0909	glr
	Dibenzo(a,h)anthracene, Low Level Water	0.38	U		0.12	0.38	1.00000	ug/L	138792		12/27/04 0909	glr
	Benzo(ghi)perylene, Low Level Water	0.95	U		0.18	0.95	1.00000	ug/L	138792		12/27/04 0909	glr

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS						Date: 01/03/2005				
CUSTOMER: NKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: NTAm-112-GW Date Sampled.....: 12/16/2004 Time Sampled.....: 10:40 Sample Matrix.....: Water			Laboratory Sample ID: 232876-1 Date Received.....: 12/17/2004 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	0.42	U		0.092	0.42	1.00000	ug/L	138466		12/21/04 0628	san
	RDX	0.27	U		0.086	0.27	1.00000	ug/L	138466		12/21/04 0628	san
	1,3,5-Trinitrobenzene	0.27	U		0.078	0.27	1.00000	ug/L	138466		12/21/04 0628	san
	1,3-Dinitrobenzene	0.27	U		0.074	0.27	1.00000	ug/L	138466		12/21/04 0628	san
	Nitrobenzene	0.22	U		0.059	0.22	1.00000	ug/L	138466		12/21/04 0628	san
	2,4,6-TNT	0.34	U		0.11	0.34	1.00000	ug/L	138466		12/21/04 0628	san
	Tetryl	1.1	U		0.22	1.1	1.00000	ug/L	138466		12/21/04 0628	san
	2,4-Dinitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	138466		12/21/04 0628	san
	2,6-Dinitrotoluene	0.58	U		0.19	0.58	1.00000	ug/L	138466		12/21/04 0628	san
	2-Amino-4,6-Dinitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	138466		12/21/04 0628	san
	4-Amino-2,6-Dinitrotoluene	0.45	U		0.15	0.45	1.00000	ug/L	138466		12/21/04 0628	san
	2-Nitrotoluene	0.42	U		0.13	0.42	1.00000	ug/L	138466		12/21/04 0628	san
	4-Nitrotoluene	0.42	U		0.14	0.42	1.00000	ug/L	138466		12/21/04 0628	san
3-Nitrotoluene	0.42	U		0.14	0.42	1.00000	ug/L	138466		12/21/04 0628	san	
8332M	NG/PETN by 8332M (HPLC) Nitroglycerine	1.4	U	*	0.20	1.4	1.00000	ug/L	138479		01/01/05 2325	san

* In Description = Dry Wgt.

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STL CHICAGO

Client Sample ID: NTAmw-112-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L170394-001 Work Order #...: G1EE71AC
Date Sampled...: 12/16/04 10:40 Date Received...: 12/17/04
Prep Date.....: 12/27/04 Analysis Date...: 12/27/04
Prep Batch #...: 4362276
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: NTAmw-112-GW

General Chemistry

Lot-Sample #...: G4L170394-001 Work Order #...: G1EE7
Date Sampled...: 12/16/04 10:40 Date Received...: 12/17/04

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	0.13 B	0.50	mg/L	MCAWW 353.2	12/21-12/22/04	4356659
			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.

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LABORATORY TEST RESULTS												
Job Number: 232789						Date: 01/07/2005						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RYAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-113-GW Date Sampled.....: 12/14/2004 Time Sampled.....: 15:00 Sample Matrix.....: Water						Laboratory Sample ID: 232789-9 Date Received.....: 12/15/2004 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	3.6		B	2.5	7.5	1	ug/L	137685		12/21/04 0001	daj
7060A	Arsenic (GFAA) Arsenic	18			0.51	2.0	1	ug/L	137730		12/20/04 1427	daj
7421	Lead (GFAA) Lead	12			0.79	3.0	1	ug/L	138057		12/27/04 1206	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	137972		12/22/04 1053	daj
7470A	Mercury (CVAA) Mercury	0.40			0.063	0.20	1	ug/L	137472		12/17/04 1549	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	6800			24	150	1	ug/L	138597		12/31/04 0816	tds
	Barium	92			1.3	10	1	ug/L	138597		12/31/04 0816	tds
	Beryllium	0.38		B	0.25	2.0	1	ug/L	138597		12/31/04 0816	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	138597		12/31/04 0816	tds
	Calcium	93000			9.5	100	1	ug/L	138597		12/31/04 0816	tds
	Chromium	12			1.1	10	1	ug/L	138597		12/31/04 0816	tds
	Cobalt	6.4			0.80	5.0	1	ug/L	138597		12/31/04 0816	tds
	Copper	17			2.2	10	1	ug/L	138597		12/31/04 0816	tds
	Iron	15000			38	120	1	ug/L	138597		12/31/04 0816	tds
	Magnesium	34000			8.1	100	1	ug/L	138597		12/31/04 0816	tds
	Manganese	510			0.41	10	1	ug/L	138597		12/31/04 0816	tds
	Nickel	15			1.0	10	1	ug/L	138597		12/31/04 0816	tds
	Potassium	6900			66	500	1	ug/L	138597		12/31/04 0816	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232789								Date: 01/07/2005				
CUSTOMER: MCM Engineers, Inc.				PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis				
Customer Sample ID: NTAm-113-GW						Laboratory Sample ID: 232789-9						
Date Sampled.....: 12/14/2004						Date Received.....: 12/15/2004						
Time Sampled.....: 15:00						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	138597		12/31/04 0816	tds
	Silver	10	U		0.72	10	1	ug/L	138597		12/31/04 0816	tds
	Sodium	16000			490	1500	1	ug/L	138597		12/31/04 0816	tds
	Vanadium	12			1.0	10	1	ug/L	138597		12/31/04 0816	tds
	Zinc	55			1.6	30	1	ug/L	138597		12/31/04 0816	tds

* In Description = Dry Wgt.

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Job Number: 232789		LABORATORY TEST RESULTS						Date: 01/06/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RYMAP 14 ACES			ATTN: Eric Ellis						
Customer Sample ID: NTAm-113-GW Date Sampled.....: 12/14/2004 Time Sampled.....: 15:00 Sample Matrix.....: Water			Laboratory Sample ID: 232789-9 Date Received.....: 12/15/2004 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	0.15	U		0.047	0.15	1.00000	ug/L	138164		12/21/04 0734	kdl
	beta-BHC	0.10	U		0.028	0.10	1.00000	ug/L	138164		12/21/04 0734	kdl
	delta-BHC	0.10	U		0.025	0.10	1.00000	ug/L	138164		12/21/04 0734	kdl
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	138164		12/21/04 0734	kdl
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	138164		12/21/04 0734	kdl
	Aldrin	0.10	U		0.028	0.10	1.00000	ug/L	138164		12/21/04 0734	kdl
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	138164		12/21/04 0734	kdl
	Endosulfan I	0.10	U		0.021	0.10	1.00000	ug/L	138164		12/21/04 0734	kdl
	Dieldrin	0.10	U		0.018	0.10	1.00000	ug/L	138164		12/21/04 0734	kdl
	4,4'-DDE	0.10	U		0.023	0.10	1.00000	ug/L	138164		12/21/04 0734	kdl
	Endrin	0.10	U		0.017	0.10	1.00000	ug/L	138164		12/21/04 0734	kdl
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	138164		12/21/04 0734	kdl
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	138164		12/21/04 0734	kdl
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	138164		12/21/04 0734	kdl
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	138164		12/21/04 0734	kdl
	Methoxychlor	0.60	U		0.17	0.60	1.00000	ug/L	138164		12/21/04 0734	kdl
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	138164		12/21/04 0734	kdl
	gamma-Chlordane	0.10	U		0.017	0.10	1.00000	ug/L	138164		12/21/04 0734	kdl
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	138164		12/21/04 0734	kdl
	Endrin ketone	0.10	U		0.029	0.10	1.00000	ug/L	138164		12/21/04 0734	kdl
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	138164		12/21/04 0734	kdl

* In Description = Dry Wgt.

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Job Number: 232789		LABORATORY TEST RESULTS							Date: 12/29/2004			
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP T4 AOCs				ATTN: Eric Ellis					
Customer Sample ID: NTAmr-113-GW			Laboratory Sample ID: 232789-9									
Date Sampled.....: 12/14/2004			Date Received.....: 12/15/2004									
Time Sampled.....: 15:00			Time Received.....: 09:00									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.60	U		0.18	0.60	1.00000	ug/L	138210		12/20/04 1921	pjg
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	138210		12/20/04 1921	pjg
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	138210		12/20/04 1921	pjg
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	138210		12/20/04 1921	pjg
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	138210		12/20/04 1921	pjg
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	138210		12/20/04 1921	pjg
	Aroclor 1260	0.60	U		0.17	0.60	1.00000	ug/L	138210		12/20/04 1921	pjg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232789

Date: 12/22/2004

CUSTOMER: HKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-113-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-9
 Date Received.....: 12/15/2004
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	IDT	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Acetone	10	U		1.8	10	1.00000	ug/L	137580		12/19/04 0530	ema
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	137580		12/19/04 0530	ema
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	cis-1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	2-Butanone (MEK)	38	U		1.2	10	1.00000	ug/L	137580		12/19/04 0530	ema
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	137580		12/19/04 0530	ema
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	137580		12/19/04 0530	ema

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232789								Date: 12/22/2004				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-113-GW Date Sampled.....: 12/14/2004 Time Sampled.....: 15:00 Sample Matrix.....: Water						Laboratory Sample ID: 232789-9 Date Received.....: 12/15/2004 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	137580		12/19/04 0530	ema
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	137580		12/19/04 0530	ema
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	1,2-Dichloroethane (total)	1.0	U		0.23	1.0	1.00000	ug/L	137580		12/19/04 0530	ema
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	137580		12/19/04 0530	ema

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232789

Date: 01/10/2005

CUSTOMER: HCN Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-113-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-9
 Date Received.....: 12/15/2004
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	ML	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	138783		12/27/04 1835	glr
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	138783		12/27/04 1835	glr
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	2,2-oxylbis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	n-Nitroso-di-n-propylamine, Low Level Water	0.50	U		0.080	0.50	1.00000	ug/L	138783		12/27/04 1835	glr
	Hexachloroethane, Low Level Water	5.0	U		0.60	5.0	1.00000	ug/L	138783		12/27/04 1835	glr
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.099	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	2-Chlorophenol, Low Level Water	5.0	U		0.12	5.0	1.00000	ug/L	138783		12/27/04 1835	glr
	Nitrobenzene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	138783		12/27/04 1835	glr
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	138783		12/27/04 1835	glr
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	2,4-Dimethylphenol, Low Level Water	9.9	U		1.3	9.9	1.00000	ug/L	138783		12/27/04 1835	glr
	Hexachlorobutadiene, Low Level Water	5.0	U		0.63	5.0	1.00000	ug/L	138783		12/27/04 1835	glr
	Naphthalene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	138783		12/27/04 1835	glr
	2,4-Dichlorophenol, Low Level Water	9.9	U		0.90	9.9	1.00000	ug/L	138783		12/27/04 1835	glr
	4-Chloroaniline, Low Level Water	9.9	U		2.8	9.9	1.00000	ug/L	138783		12/27/04 1835	glr
	2,4,6-Trichlorophenol, Low Level Water	5.0	U		0.21	5.0	1.00000	ug/L	138783		12/27/04 1835	glr
	2,4,5-Trichlorophenol, Low Level Water	9.9	U		1.4	9.9	1.00000	ug/L	138783		12/27/04 1835	glr
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.64	20	1.00000	ug/L	138783		12/27/04 1835	glr
	2-Methylnaphthalene, Low Level Water	0.50	U		0.13	0.50	1.00000	ug/L	138783		12/27/04 1835	glr
	2-Nitroaniline, Low Level Water	5.0	U		0.22	5.0	1.00000	ug/L	138783		12/27/04 1835	glr
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	138783		12/27/04 1835	glr

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232789

Date:01/10/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-113-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-9
 Date Received.....: 12/15/2004
 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	138783		12/27/04 1835	glr
	2,6-Dinitrotoluene, Low Level Water	0.50	U		0.11	0.50	1.00000	ug/L	138783		12/27/04 1835	glr
	2-Nitrophenol, Low Level Water	9.9	U		0.81	9.9	1.00000	ug/L	138783		12/27/04 1835	glr
	3-Nitroaniline, Low Level Water	9.9	U		2.1	9.9	1.00000	ug/L	138783		12/27/04 1835	glr
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	2,4-Dinitrophenol, Low Level Water	20	U		3.3	20	1.00000	ug/L	138783		12/27/04 1835	glr
	Acenaphthylene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	138783		12/27/04 1835	glr
	2,4-Dinitrotoluene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	138783		12/27/04 1835	glr
	Acenaphthene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	138783		12/27/04 1835	glr
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	4-Nitrophenol, Low Level Water	20	U		3.7	20	1.00000	ug/L	138783		12/27/04 1835	glr
	Fluorene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	138783		12/27/04 1835	glr
	4-Nitroaniline, Low Level Water	9.9	U		2.3	9.9	1.00000	ug/L	138783		12/27/04 1835	glr
	4-Bromophenyl phenyl ether, Low Level Water	5.0	U		0.19	5.0	1.00000	ug/L	138783		12/27/04 1835	glr
	Hexachlorobenzene, Low Level Water	0.50	U		0.096	0.50	1.00000	ug/L	138783		12/27/04 1835	glr
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	4-Chlorophenyl phenyl ether, Low Level Water	5.0	U		0.74	5.0	1.00000	ug/L	138783		12/27/04 1835	glr
	Pentachlorophenol, Low Level Water	9.9	U		1.7	9.9	1.00000	ug/L	138783		12/27/04 1835	glr
	n-Nitrosodiphenylamine, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	138783		12/27/04 1835	glr
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	138783		12/27/04 1835	glr
	Phenanthrene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	138783		12/27/04 1835	glr
	Anthracene, Low Level Water	0.99	U		0.15	0.99	1.00000	ug/L	138783		12/27/04 1835	glr
	Carbazole, Low Level Water	5.0	U		0.29	5.0	1.00000	ug/L	138783		12/27/04 1835	glr
	Di-n-butyl phthalate, Low Level Water	5.0	U		0.36	5.0	1.00000	ug/L	138783		12/27/04 1835	glr
	Fluoranthene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	138783		12/27/04 1835	glr
	Pyrene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	138783		12/27/04 1835	glr
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.39	2.0	1.00000	ug/L	138783		12/27/04 1835	glr
	Benzo(a)anthracene, Low Level Water	0.14	J		0.049	0.20	1.00000	ug/L	138783		12/27/04 1835	glr
	Chrysene, Low Level Water	0.099	J		0.045	0.50	1.00000	ug/L	138783		12/27/04 1835	glr

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232789

Date:01/10/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ROGS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-113-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-9
 Date Received.....: 12/15/2004
 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	138783		12/27/04 1835	glr
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.9	15	1.00000	ug/L	138783		12/27/04 1835	glr
	Di-n-octyl phthalate, Low Level Water	9.9	U		2.5	9.9	1.00000	ug/L	138783		12/27/04 1835	glr
	Benzo(b)fluoranthene, Low Level Water	0.10	J	a	0.066	0.40	1.00000	ug/L	138783		12/27/04 1835	glr
	Benzo(k)fluoranthene, Low Level Water	0.11	J	a	0.071	0.40	1.00000	ug/L	138783		12/27/04 1835	glr
	Benzo(a)pyrene, Low Level Water	0.12	J	a	0.083	0.40	1.00000	ug/L	138783		12/27/04 1835	glr
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.090	J	a	0.085	0.40	1.00000	ug/L	138783		12/27/04 1835	glr
	Dibenzo(a,h)anthracene, Low Level Water	0.40	U		0.13	0.40	1.00000	ug/L	138783		12/27/04 1835	glr
	Benzo(ghi)perylene, Low Level Water	0.99	U		0.19	0.99	1.00000	ug/L	138783		12/27/04 1835	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232789

Date: 12/30/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RMAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: N7Amw-113-GW
 Date Sampled.....: 12/14/2004
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 232789-9
 Date Received.....: 12/15/2004
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.31	U		0.068	0.31	1.00000	ug/L	138447		12/29/04 1848	san
	RDX	0.20	U		0.064	0.20	1.00000	ug/L	138447		12/29/04 1848	san
	1,3,5-Trinitrobenzene	0.20	U		0.058	0.20	1.00000	ug/L	138447		12/29/04 1848	san
	1,3-Dinitrobenzene	0.20	U		0.055	0.20	1.00000	ug/L	138447		12/29/04 1848	san
	Nitrobenzene	0.16	U		0.044	0.16	1.00000	ug/L	138447		12/29/04 1848	san
	2,4,6-TNT	0.25	U		0.078	0.25	1.00000	ug/L	138447		12/29/04 1848	san
	Tetryl	0.78	U		0.16	0.78	1.00000	ug/L	138447		12/29/04 1848	san
	2,4-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	138447		12/29/04 1848	san
	2,6-Dinitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	138447		12/29/04 1848	san
	2-Amino-4,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	138447		12/29/04 1848	san
	4-Amino-2,6-Dinitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	138447		12/29/04 1848	san
	2-Nitrotoluene	0.31	U		0.093	0.31	1.00000	ug/L	138447		12/29/04 1848	san
	4-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	138447		12/29/04 1848	san
	3-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	138447		12/29/04 1848	san
8332M	NG/PEFN by 8332M (HPLC)											
	Nitroglycerine	1.0	U		0.15	1.0	1.00000	ug/L	138442		12/21/04 1407	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: NTAmw-113-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L150216-004 Work Order #...: G04TK1AC
Date Sampled...: 12/14/04 15:00 Date Received...: 12/15/04
Prep Date.....: 12/27/04 Analysis Date...: 12/27/04
Prep Batch #...: 4362276
Dilution Factor: 1 Initial Wgt/Vol: 10 mL

Matrix.....: WATER

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: NTAmw-113-GW

General Chemistry

Lot-Sample #...: G4L150216-004 Work Order #...: G04TK
Date Sampled...: 12/14/04 15:00 Date Received...: 12/15/04

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
		Dilution Factor: 1		Initial Wgt/Vol: 100 mL	Final Wgt/Vol...: 40 mL	
		MDL.....: 0.12				

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LABORATORY TEST RESULTS											
Job Number: 232409						Date: 12/22/2004					
CUSTOMER: MGM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS			ATTN: Eric Ellis				
Customer Sample ID: NTAmw-114-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 232409-1 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 2043	daj
7060A	Arsenic (GFAA) Arsenic	5.7		0.51	2.0	1	ug/L	136355		12/06/04 2213	daj
7421	Lead (GFAA) Lead	8.8		0.79	3.0	1	ug/L	136640		12/08/04 1819	daj
7841	Thallium (GFAA) Thallium	4.0	U	1.3	4.0	1	ug/L	136346		12/07/04 0525	daj
7470A	Mercury (CVAA) Mercury	0.20	U	0.063	0.20	1	ug/L	137125		12/14/04 1543	gok
6010B	Metals Analysis (ICAP Trace)										
	Aluminum	150	U	24	150	1	ug/L	137178		12/15/04 2217	tds
	Barium	100		1.3	10	1	ug/L	137178		12/15/04 2217	tds
	Beryllium	2.0	U	0.25	2.0	1	ug/L	137178		12/15/04 2217	tds
	Cadmium	2.0	U	0.25	2.0	1	ug/L	137178		12/15/04 2217	tds
	Calcium	80000		9.5	100	1	ug/L	137178		12/15/04 2217	tds
	Chromium	10	U	1.1	10	1	ug/L	137178		12/15/04 2217	tds
	Cobalt	5.0	U	0.80	5.0	1	ug/L	137178		12/15/04 2217	tds
	Copper	10	U	2.2	10	1	ug/L	137178		12/15/04 2217	tds
	Iron	470		38	120	1	ug/L	137178		12/15/04 2217	tds
	Magnesium	26000		8.1	100	1	ug/L	137178		12/15/04 2217	tds
	Manganese	380		0.41	10	1	ug/L	137178		12/15/04 2217	tds
	Nickel	10	U	1.0	10	1	ug/L	137178		12/15/04 2217	tds
	Potassium	1900		66	500	1	ug/L	137178		12/15/04 2217	tds

* 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 AGCS				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-114-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 232409-1 Date Received.....: 12/03/2004 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDE	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15		U	3.0	15	1	ug/L	137178		12/15/04 2217	tds
	Silver	10		U	0.72	10	1	ug/L	137178		12/15/04 2217	tds
	Sodium	8400			490	1500	1	ug/L	137178		12/15/04 2217	tds
	Vanadium	10		U	1.0	10	1	ug/L	137178		12/15/04 2217	tds
	Zinc	11		B	1.6	30	1	ug/L	137178		12/15/04 2217	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 RYAAP 14 AOCs			ATTN: Eric Ellis			
Customer Sample ID: NTAmw-114-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 232409-1 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	0.14	U		0.045	0.14	1.00000	ug/L	137343		12/12/04 1202	kdl
	alpha-BHC	0.095	U		0.027	0.095	1.00000	ug/L	137343		12/12/04 1202	kdl
	beta-BHC	0.095	U		0.024	0.095	1.00000	ug/L	137343		12/12/04 1202	kdl
	delta-BHC	0.14	U		0.040	0.14	1.00000	ug/L	137343		12/12/04 1202	kdl
	gamma-BHC (Lindane)	0.14	U		0.039	0.14	1.00000	ug/L	137343		12/12/04 1202	kdl
	Heptachlor	0.095	U		0.027	0.095	1.00000	ug/L	137343		12/12/04 1202	kdl
	Aldrin	0.14	U		0.034	0.14	1.00000	ug/L	137343		12/12/04 1202	kdl
	Heptachlor epoxide	0.095	U		0.020	0.095	1.00000	ug/L	137343		12/12/04 1202	kdl
	Endosulfan I	0.095	U		0.017	0.095	1.00000	ug/L	137343		12/12/04 1202	kdl
	Dieldrin	0.095	U		0.022	0.095	1.00000	ug/L	137343		12/12/04 1202	kdl
	4,4'-DDE	0.095	U		0.016	0.095	1.00000	ug/L	137343		12/12/04 1202	kdl
	Endrin	0.14	U		0.040	0.14	1.00000	ug/L	137343		12/12/04 1202	kdl
	Endosulfan II	0.10	U		0.034	0.10	1.00000	ug/L	137343		12/12/04 1202	kdl
	4,4'-DDD	0.14	U		0.042	0.14	1.00000	ug/L	137343		12/12/04 1202	kdl
	Endosulfan sulfate	0.14	U		0.047	0.14	1.00000	ug/L	137343		12/12/04 1202	kdl
	4,4'-DDT	0.57	U		0.16	0.57	1.00000	ug/L	137343		12/12/04 1202	kdl
	Methoxychlor	0.048	U		0.015	0.048	1.00000	ug/L	137343		12/12/04 1202	kdl
	alpha-Chlordane	0.095	U		0.016	0.095	1.00000	ug/L	137343		12/12/04 1202	kdl
	gamma-Chlordane	0.14	U		0.033	0.14	1.00000	ug/L	137343		12/12/04 1202	kdl
	Endrin aldehyde	0.095	U		0.028	0.095	1.00000	ug/L	137343		12/12/04 1202	kdl
	Endrin ketone	0.48	U		0.13	0.48	1.00000	ug/L	137343		12/12/04 1202	kdl
	Toxaphene											

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											
Job Number: 232409						Date: 12/16/2004					
CUSTOMER: NCM Engineers, Inc.				PROJECT: USAGE RVAAP 14 AOCs				ATTN: Eric Ellis			
Customer Sample ID: NTAmw-114-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 232409-1 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	0.57	U	0.17	0.57	1.00000	ug/L	137249		12/08/04 0235	bjt
	Aroclor 1016	1.2	U	0.40	1.2	1.00000	ug/L	137249		12/08/04 0235	bjt
	Aroclor 1221	1.2	U	0.33	1.2	1.00000	ug/L	137249		12/08/04 0235	bjt
	Aroclor 1232	1.2	U	0.41	1.2	1.00000	ug/L	137249		12/08/04 0235	bjt
	Aroclor 1242	1.4	U	0.46	1.4	1.00000	ug/L	137249		12/08/04 0235	bjt
	Aroclor 1248	1.2	U	0.33	1.2	1.00000	ug/L	137249		12/08/04 0235	bjt
	Aroclor 1254	0.57	U	0.16	0.57	1.00000	ug/L	137249		12/08/04 0235	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 RYAAP 14 AOCS ATTN: Eric Ellis

Customer Sample ID: NTAMW-114-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-1
 Date Received.....: 12/03/2004
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DA	DATE/TIME	TECH
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	137206		12/15/04 1427	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	137206		12/15/04 1427	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	2-Butanone (MEK)	7.7	J	H	1.2	10	1.00000	ug/L	137206		12/15/04 1427	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	137206		12/15/04 1427	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	137206		12/15/04 1427	jdj

* 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 ADCS				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-114-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 232409-1 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
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	1,2-Dichloroethane (total)	1.0	U		0.23	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	137206		12/15/04 1427	jdj

* 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 ACES

ATTN: Eric Ellis

Customer Sample ID: NTAmw-114-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-1
 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	4.8	U	0.33	4.8	1.00000	ug/L	137222		12/08/04 2013	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U	0.29	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U	0.41	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U	0.31	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U	0.33	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	Benzyl alcohol, Low Level Water	19	U	2.1	19	1.00000	ug/L	137222		12/08/04 2013	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U	0.25	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U	0.27	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.48	U	0.077	0.48	1.00000	ug/L	137222		12/08/04 2013	dpk
	Hexachloroethane, Low Level Water	4.8	U	0.58	4.8	1.00000	ug/L	137222		12/08/04 2013	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U	0.095	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	2-Chlorophenol, Low Level Water	4.8	U	0.11	4.8	1.00000	ug/L	137222		12/08/04 2013	dpk
	Nitrobenzene, Low Level Water	0.95	U	0.15	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U	0.30	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U	0.32	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	Benzoic acid, Low Level Water	19	U	2.9	19	1.00000	ug/L	137222		12/08/04 2013	dpk
	Isophorone, Low Level Water	1.9	U	0.25	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	2,4-Dimethylphenol, Low Level Water	9.5	U	1.2	9.5	1.00000	ug/L	137222		12/08/04 2013	dpk
	Hexachlorobutadiene, Low Level Water	4.8	U	0.61	4.8	1.00000	ug/L	137222		12/08/04 2013	dpk
	Naphthalene, Low Level Water	0.95	U	0.15	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk
	2,4-Dichlorophenol, Low Level Water	9.5	U	0.87	9.5	1.00000	ug/L	137222		12/08/04 2013	dpk
	4-Chloroaniline, Low Level Water	9.5	U	2.7	9.5	1.00000	ug/L	137222		12/08/04 2013	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.8	U	0.20	4.8	1.00000	ug/L	137222		12/08/04 2013	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.5	U	1.3	9.5	1.00000	ug/L	137222		12/08/04 2013	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U *	0.62	19	1.00000	ug/L	137222		12/08/04 2013	dpk
	2-Methylnaphthalene, Low Level Water	0.48	U	0.12	0.48	1.00000	ug/L	137222		12/08/04 2013	dpk
	2-Nitroaniline, Low Level Water	4.8	U	0.21	4.8	1.00000	ug/L	137222		12/08/04 2013	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U	0.25	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk

* 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 AOCs

ATTN: ERIC ELLIS

Customer Sample ID: NTAmw-114-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-1
 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	9.5	U		2.3	9.5	1.00000	ug/L	137222		12/08/04 2013	dpk
	2,6-Dinitrotoluene, Low Level Water	0.48	U		0.10	0.48	1.00000	ug/L	137222		12/08/04 2013	dpk
	2-Nitrophenol, Low Level Water	9.5	U		0.78	9.5	1.00000	ug/L	137222		12/08/04 2013	dpk
	3-Nitroaniline, Low Level Water	9.5	U		2.0	9.5	1.00000	ug/L	137222		12/08/04 2013	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.1	19	1.00000	ug/L	137222		12/08/04 2013	dpk
	Acenaphthylene, Low Level Water	0.95	U		0.11	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk
	2,4-Dinitrotoluene, Low Level Water	0.95	U		0.12	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk
	Acenaphthene, Low Level Water	0.95	U		0.11	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.12	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	4-Nitrophenol, Low Level Water	19	U		3.5	19	1.00000	ug/L	137222		12/08/04 2013	dpk
	Fluorene, Low Level Water	0.95	U		0.12	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk
	4-Nitroaniline, Low Level Water	9.5	U		2.2	9.5	1.00000	ug/L	137222		12/08/04 2013	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.8	U		0.18	4.8	1.00000	ug/L	137222		12/08/04 2013	dpk
	Hexachlorobenzene, Low Level Water	0.48	U		0.092	0.48	1.00000	ug/L	137222		12/08/04 2013	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.14	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.8	U		0.71	4.8	1.00000	ug/L	137222		12/08/04 2013	dpk
	Pentachlorophenol, Low Level Water	9.5	U		1.6	9.5	1.00000	ug/L	137222		12/08/04 2013	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.95	U		0.12	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	137222		12/08/04 2013	dpk
	Phenanthrene, Low Level Water	0.95	U		0.13	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk
	Anthracene, Low Level Water	0.95	U		0.14	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk
	Carbazole, Low Level Water	4.8	U		0.28	4.8	1.00000	ug/L	137222		12/08/04 2013	dpk
	Di-n-butyl phthalate, Low Level Water	4.8	U		0.34	4.8	1.00000	ug/L	137222		12/08/04 2013	dpk
	Fluoranthene, Low Level Water	0.95	U		0.13	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk
	Pyrene, Low Level Water	0.95	U		0.11	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.37	1.9	1.00000	ug/L	137222		12/08/04 2013	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.047	0.19	1.00000	ug/L	137222		12/08/04 2013	dpk
	Chrysene, Low Level Water	0.48	U		0.043	0.48	1.00000	ug/L	137222		12/08/04 2013	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232409						Date: 12/16/2004						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVMAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-114-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 232409-1 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
	3,3-Dichlorobenzidine, Low Level Water	4.8	U		0.69	4.8	1.00000	ug/L	137222		12/08/04 2013	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U		3.7	14	1.00000	ug/L	137222		12/08/04 2013	dpk
	Di-n-octyl phthalate, Low Level Water	9.5	U		2.4	9.5	1.00000	ug/L	137222		12/08/04 2013	dpk
	Benzo(b)fluoranthene, Low Level Water	0.38	U		0.064	0.38	1.00000	ug/L	137222		12/08/04 2013	dpk
	Benzo(k)fluoranthene, Low Level Water	0.38	U		0.069	0.38	1.00000	ug/L	137222		12/08/04 2013	dpk
	Benzo(a)pyrene, Low Level Water	0.38	U		0.080	0.38	1.00000	ug/L	137222		12/08/04 2013	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.38	U		0.082	0.38	1.00000	ug/L	137222		12/08/04 2013	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.38	U		0.12	0.38	1.00000	ug/L	137222		12/08/04 2013	dpk
	Benzo(ghi)perylene, Low Level Water	0.95	U		0.18	0.95	1.00000	ug/L	137222		12/08/04 2013	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/21/2004

Job Number: 232409

CUSTOMER: MKM Engineers, Inc. PROJECT: USAGE RYMAP 14 AQCS ATTN: Eric Ellis

Customer Sample ID: NTAmw-114-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-1
 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)											
	BMX	0.53	U		0.12	0.53	1.00000	ug/L	137479		12/15/04 0422	san
	RDX	0.34	U		0.11	0.34	1.00000	ug/L	137479		12/15/04 0422	san
	1,3,5-Trinitrobenzene	0.34	U		0.099	0.34	1.00000	ug/L	137479		12/15/04 0422	san
	1,3-Dinitrobenzene	0.34	U		0.094	0.34	1.00000	ug/L	137479		12/15/04 0422	san
	Nitrobenzene	0.27	U		0.075	0.27	1.00000	ug/L	137479		12/15/04 0422	san
	2,4,6-TNT	0.43	U		0.13	0.43	1.00000	ug/L	137479		12/15/04 0422	san
	Tetryl	1.3	U		0.28	1.3	1.00000	ug/L	137479		12/15/04 0422	san
	2,4-Dinitrotoluene	0.61	U		0.21	0.61	1.00000	ug/L	137479		12/15/04 0422	san
	2,6-Dinitrotoluene	0.73	U		0.24	0.73	1.00000	ug/L	137479		12/15/04 0422	san
	2-Amino-4,6-Dinitrotoluene	0.61	U		0.20	0.61	1.00000	ug/L	137479		12/15/04 0422	san
	4-Amino-2,6-Dinitrotoluene	0.56	U		0.19	0.56	1.00000	ug/L	137479		12/15/04 0422	san
	2-Nitrotoluene	0.53	U	a	0.16	0.53	1.00000	ug/L	137479		12/15/04 0422	san
	4-Nitrotoluene	0.53	U		0.17	0.53	1.00000	ug/L	137479		12/15/04 0422	san
	3-Nitrotoluene	0.53	U		0.17	0.53	1.00000	ug/L	137479		12/15/04 0422	san
8332M	NG/PETM by 8332M (NPLC) Nitroglycerine	1.7	U		0.26	1.7	1.00000	ug/L	137473		12/08/04 0353	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: NTAmw-114-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L030390-001 Work Order #...: GX91X1AC Matrix.....: WATER
Date Sampled...: 12/02/04 09:20 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: NTAmw-114-GW

General Chemistry

Lot-Sample #...: G4L030390-001
Date Sampled...: 12/02/04

Work Order #...: GX91X
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: 12/22/2004

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

Customer Sample ID: NTAMW-114-DUP
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-2
 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 2144	daj
7060A	Arsenic (GFAA) Arsenic	5.4			0.51	2.0	1	ug/L	136355		12/06/04 2249	daj
7421	Lead (GFAA) Lead	9.0			0.79	3.0	1	ug/L	136640		12/08/04 1854	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	136346		12/07/04 0616	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	137125		12/14/04 1551	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150		U	24	150	1	ug/L	137178		12/15/04 2248	tds
	Barium	100			1.3	10	1	ug/L	137178		12/15/04 2248	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	137178		12/15/04 2248	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	137178		12/15/04 2248	tds
	Calcium	80000			9.5	100	1	ug/L	137178		12/15/04 2248	tds
	Chromium	10		U	1.1	10	1	ug/L	137178		12/15/04 2248	tds
	Cobalt	5.0		U	0.80	5.0	1	ug/L	137178		12/15/04 2248	tds
	Copper	10		U	2.2	10	1	ug/L	137178		12/15/04 2248	tds
	Iron	500			38	120	1	ug/L	137178		12/15/04 2248	tds
	Magnesium	26000			8.1	100	1	ug/L	137178		12/15/04 2248	tds
	Manganese	390			0.41	10	1	ug/L	137178		12/15/04 2248	tds
	Nickel	10		U	1.0	10	1	ug/L	137178		12/15/04 2248	tds
	Potassium	1900			66	500	1	ug/L	137178		12/15/04 2248	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232409				Date: 12/22/2004								
CUSTOMER: HKN Engineers, Inc.				PROJECT: USACE RYAAP 14 ADCS				ANALYST: Eric Ellis				
Customer Sample ID: NTAmw-114-DUP Date Sampled: 12/02/2004 Time Sampled: 09:20 Sample Matrix: Water						Laboratory Sample ID: 232409-2 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
	Selenium	15	U		3.0	15	1	ug/L	137178		12/15/04 2248	tds
	Silver	10	U		0.72	10	1	ug/L	137178		12/15/04 2248	tds
	Sodium	8300			490	1500	1	ug/L	137178		12/15/04 2248	tds
	Vanadium	10	U		1.0	10	1	ug/L	137178		12/15/04 2248	tds
	Zinc	14	B		1.6	30	1	ug/L	137178		12/15/04 2248	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 AOCs					
ATTN: Eric Elffe											
Customer Sample ID: NTAm-114-DUP						Laboratory Sample ID: 232409-2					
Date Sampled: 12/02/2004						Date Received: 12/03/2004					
Time Sampled: 09:20						Time Received: 10:00					
Sample Matrix: Water											
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	QI 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	137343		12/12/04 1318	kdl
	alpha-BHC	0.097	U	0.027	0.097	1.00000	ug/L	137343		12/12/04 1318	kdl
	beta-BHC	0.097	U	0.024	0.097	1.00000	ug/L	137343		12/12/04 1318	kdl
	delta-BHC	0.15	U	0.041	0.15	1.00000	ug/L	137343		12/12/04 1318	kdl
	gamma-BHC (Lindane)	0.15	U	0.040	0.15	1.00000	ug/L	137343		12/12/04 1318	kdl
	Heptachlor	0.097	U	0.027	0.097	1.00000	ug/L	137343		12/12/04 1318	kdl
	Aldrin	0.15	U	0.035	0.15	1.00000	ug/L	137343		12/12/04 1318	kdl
	Heptachlor epoxide	0.097	U	0.020	0.097	1.00000	ug/L	137343		12/12/04 1318	kdl
	Endosulfan I	0.097	U	0.017	0.097	1.00000	ug/L	137343		12/12/04 1318	kdl
	Dieldrin	0.097	U	0.022	0.097	1.00000	ug/L	137343		12/12/04 1318	kdl
	4,4'-DDE	0.097	U	0.017	0.097	1.00000	ug/L	137343		12/12/04 1318	kdl
	Endrin	0.15	U	0.041	0.15	1.00000	ug/L	137343		12/12/04 1318	kdl
	Endosulfan II	0.11	U	0.035	0.11	1.00000	ug/L	137343		12/12/04 1318	kdl
	4,4'-DDD	0.15	U	0.043	0.15	1.00000	ug/L	137343		12/12/04 1318	kdl
	Endosulfan sulfate	0.15	U	0.048	0.15	1.00000	ug/L	137343		12/12/04 1318	kdl
	4,4'-DDT	0.58	U	0.17	0.58	1.00000	ug/L	137343		12/12/04 1318	kdl
	Methoxychlor	0.049	U	0.016	0.049	1.00000	ug/L	137343		12/12/04 1318	kdl
	alpha-Chlordane	0.097	U	0.017	0.097	1.00000	ug/L	137343		12/12/04 1318	kdl
	gamma-Chlordane	0.15	U	0.034	0.15	1.00000	ug/L	137343		12/12/04 1318	kdl
	Endrin aldehyde	0.097	U	0.028	0.097	1.00000	ug/L	137343		12/12/04 1318	kdl
	Endrin ketone	0.49	U	0.14	0.49	1.00000	ug/L	137343		12/12/04 1318	kdl
	Toxaphene										

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232409						Date: 12/16/2004						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RYKAP 14 AGES				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-114-DUP Date Sampled.....: 12/02/2004 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 232409-2 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	0.58	U		0.17	0.58	1.00000	ug/L	137249		12/08/04 0349	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	137249		12/08/04 0349	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	137249		12/08/04 0349	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	137249		12/08/04 0349	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	137249		12/08/04 0349	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	137249		12/08/04 0349	bjt
	Aroclor 1260	0.58	U		0.17	0.58	1.00000	ug/L	137249		12/08/04 0349	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/17/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RYAP T4 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTANW-114-DUP
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-2
 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 1539	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	1,1-Dichloroethane	1.0	U		0.12	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	137206		12/15/04 1539	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	137206		12/15/04 1539	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	2-Butanone (MEK)	9.3	J		1.2	10	1.00000	ug/L	137206		12/15/04 1539	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	137206		12/15/04 1539	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1539	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	137206		12/15/04 1539	jdj

* 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 Ellits

Customer Sample ID: NTAmw-114-DUP
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-2
 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
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	137206		12/15/04 1539	jd
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	137206		12/15/04 1539	jd
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1539	jd
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	137206		12/15/04 1539	jd
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	137206		12/15/04 1539	jd
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	137206		12/15/04 1539	jd
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	137206		12/15/04 1539	jd
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	137206		12/15/04 1539	jd
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137206		12/15/04 1539	jd
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	137206		12/15/04 1539	jd
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	137206		12/15/04 1539	jd

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS		Date: 12/16/2004											
Job Number: 232409		CUSTOMER: RKM Engineers, Inc.								PROJECT: USACE RVAAP 14 AGCS		ATTN: Eric Ellis	
Customer Sample ID: NTAmw-114-DUP Date Sampled.....: 12/02/2004 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 232409-2 Date Received.....: 12/03/2004 Time Received.....: 10:00							
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	U	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	137222		12/09/04 1544	dpk	
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.42	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.34	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	137222		12/09/04 1544	dpk	
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	137222		12/09/04 1544	dpk	
	Hexachloroethane, Low Level Water	4.9	U		0.59	4.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.097	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	Nitrobenzene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk	
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	137222		12/09/04 1544	dpk	
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	2,4-Dimethylphenol, Low Level Water	9.7	U		1.3	9.7	1.00000	ug/L	137222		12/09/04 1544	dpk	
	Hexachlorobutadiene, Low Level Water	4.9	U		0.62	4.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	Naphthalene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk	
	2,4-Dichlorophenol, Low Level Water	9.7	U		0.88	9.7	1.00000	ug/L	137222		12/09/04 1544	dpk	
	4-Chloroaniline, Low Level Water	9.7	U		2.7	9.7	1.00000	ug/L	137222		12/09/04 1544	dpk	
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.20	4.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	2,4,5-Trichlorophenol, Low Level Water	9.7	U		1.4	9.7	1.00000	ug/L	137222		12/09/04 1544	dpk	
	Hexachlorocyclopentadiene, Low Level Water	19	U	*	0.63	19	1.00000	ug/L	137222		12/09/04 1544	dpk	
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	137222		12/09/04 1544	dpk	
	2-Nitroaniline, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	137222		12/09/04 1544	dpk	
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk	

* 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: MTAm-114-DUP
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-2
 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	9.7	U	2.3	9.7	1.00000	ug/L	137222		12/09/04 1544	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U	0.11	0.49	1.00000	ug/L	137222		12/09/04 1544	dpk
	2-Nitrophenol, Low Level Water	9.7	U	0.80	9.7	1.00000	ug/L	137222		12/09/04 1544	dpk
	3-Nitroaniline, Low Level Water	9.7	U	2.0	9.7	1.00000	ug/L	137222		12/09/04 1544	dpk
	Dimethyl phthalate, Low Level Water	1.9	U	0.20	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk
	2,4-Dinitrophenol, Low Level Water	19	U	3.2	19	1.00000	ug/L	137222		12/09/04 1544	dpk
	Acenaphthylene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk
	2,4-Dinitrotoluene, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk
	Acenaphthene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk
	Dibenzofuran, Low Level Water	1.9	U	0.13	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk
	4-Nitrophenol, Low Level Water	19	U	3.6	19	1.00000	ug/L	137222		12/09/04 1544	dpk
	Fluorene, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk
	4-Nitroaniline, Low Level Water	9.7	U	2.2	9.7	1.00000	ug/L	137222		12/09/04 1544	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U	0.18	4.9	1.00000	ug/L	137222		12/09/04 1544	dpk
	Hexachlorobenzene, Low Level Water	0.49	U	0.094	0.49	1.00000	ug/L	137222		12/09/04 1544	dpk
	Diethyl phthalate, Low Level Water	1.9	U	0.15	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U	0.73	4.9	1.00000	ug/L	137222		12/09/04 1544	dpk
	Pentachlorophenol, Low Level Water	9.7	U	1.7	9.7	1.00000	ug/L	137222		12/09/04 1544	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U	2.3	19	1.00000	ug/L	137222		12/09/04 1544	dpk
	Phenanthrene, Low Level Water	0.97	U	0.14	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk
	Anthracene, Low Level Water	0.97	U	0.15	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk
	Carbazole, Low Level Water	4.9	U	0.28	4.9	1.00000	ug/L	137222		12/09/04 1544	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U	0.35	4.9	1.00000	ug/L	137222		12/09/04 1544	dpk
	Fluoranthene, Low Level Water	0.97	U	0.14	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk
	Pyrene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U	0.38	1.9	1.00000	ug/L	137222		12/09/04 1544	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U	0.048	0.19	1.00000	ug/L	137222		12/09/04 1544	dpk
	Chrysene, Low Level Water	0.49	U	0.044	0.49	1.00000	ug/L	137222		12/09/04 1544	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/16/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RYAAP 14 ACCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-114-DUP
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-2
 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
	3,3-Dichlorobenzidine, Low Level Water	4.9	U	0.70	4.9	1.00000	ug/L	137222		12/09/04 1544	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U	3.8	15	1.00000	ug/L	137222		12/09/04 1544	dpk
	Di-n-octyl phthalate, Low Level Water	9.7	U	2.4	9.7	1.00000	ug/L	137222		12/09/04 1544	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U	0.065	0.39	1.00000	ug/L	137222		12/09/04 1544	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U	0.070	0.39	1.00000	ug/L	137222		12/09/04 1544	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U	0.082	0.39	1.00000	ug/L	137222		12/09/04 1544	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U	0.083	0.39	1.00000	ug/L	137222		12/09/04 1544	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U	0.13	0.39	1.00000	ug/L	137222		12/09/04 1544	dpk
	Benzo(ghi)perylene, Low Level Water	0.97	U	0.18	0.97	1.00000	ug/L	137222		12/09/04 1544	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/21/2004

Job Number: 232409

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

Customer Sample ID: NTAmw-114-DUP
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-2
 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)	0.39	U	0.086	0.39	1.00000	ug/L	137479		12/15/04 0600	san
	HMX	0.25	U	0.081	0.25	1.00000	ug/L	137479		12/15/04 0600	san
	RDX	0.25	U	0.073	0.25	1.00000	ug/L	137479		12/15/04 0600	san
	1,3,5-Trinitrobenzene	0.25	U	0.070	0.25	1.00000	ug/L	137479		12/15/04 0600	san
	1,3-Dinitrobenzene	0.20	U	0.056	0.20	1.00000	ug/L	137479		12/15/04 0600	san
	Nitrobenzene	0.32	U	0.099	0.32	1.00000	ug/L	137479		12/15/04 0600	san
	2,4,6-TNT	0.99	U	0.21	0.99	1.00000	ug/L	137479		12/15/04 0600	san
	Tetryl	0.46	U	0.15	0.46	1.00000	ug/L	137479		12/15/04 0600	san
	2,4-Dinitrotoluene	0.54	U	0.18	0.54	1.00000	ug/L	137479		12/15/04 0600	san
	2,6-Dinitrotoluene	0.46	U	0.15	0.46	1.00000	ug/L	137479		12/15/04 0600	san
	2-Amino-4,6-Dinitrotoluene	0.42	U	0.14	0.42	1.00000	ug/L	137479		12/15/04 0600	san
	4-Amino-2,6-Dinitrotoluene	0.39	U	0.12	0.39	1.00000	ug/L	137479		12/15/04 0600	san
	2-Nitrotoluene	0.39	U	0.13	0.39	1.00000	ug/L	137479		12/15/04 0600	san
	4-Nitrotoluene	0.39	U	0.13	0.39	1.00000	ug/L	137479		12/15/04 0600	san
	3-Nitrotoluene										
8332M	NG/PETN by 8332M (HPLC) Nitroglycerine	1.3	U	0.19	1.3	1.00000	ug/L	137473		12/08/04 0540	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: NTAmw-114-DUP

Trace Level Organic Compounds

Lot-Sample #...: G4L030390-002 Work Order #...: GX9101AC Matrix.....: WATER
Date Sampled...: 12/02/04 09:20 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: NTAmw-114-DUP

General Chemistry

Lot-Sample #...: G4L030390-002
Date Sampled...: 12/02/04

Work Order #...: GX910
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: 12/22/2004						
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-115-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 11:20 Sample Matrix.....: Water						Laboratory Sample ID: 232409-4 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 2208	daj
7060A	Arsenic (GFAA) Arsenic	2.0		U	0.51	2.0	1	ug/L	136355		12/06/04 2325	daj
7421	Lead (GFAA) Lead	7.9			0.79	3.0	1	ug/L	136730		12/09/04 1225	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	136346		12/07/04 0641	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	137125		12/14/04 1600	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150		U	24	150	1	ug/L	137178		12/15/04 2324	tds
	Barium	77			1.3	10	1	ug/L	137178		12/15/04 2324	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	137178		12/15/04 2324	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	137178		12/15/04 2324	tds
	Calcium	73000			9.5	100	1	ug/L	137178		12/15/04 2324	tds
	Chromium	10		U	1.1	10	1	ug/L	137178		12/15/04 2324	tds
	Cobalt	5.0		U	0.80	5.0	1	ug/L	137178		12/15/04 2324	tds
	Copper	10		U	2.2	10	1	ug/L	137178		12/15/04 2324	tds
	Iron	120		U	38	120	1	ug/L	137178		12/15/04 2324	tds
	Magnesium	18000			8.1	100	1	ug/L	137178		12/15/04 2324	tds
	Manganese	71			0.41	10	1	ug/L	137178		12/15/04 2324	tds
	Nickel	10		U	1.0	10	1	ug/L	137178		12/15/04 2324	tds
	Potassium	2700			66	500	1	ug/L	137178		12/15/04 2324	tds

* In Description = Dry Wgt.

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07

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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: NTAMW-115-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 11:20 Sample Matrix.....: Water						Laboratory Sample ID: 232409-4 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 2324	tds
	Silver	10	U	0.72	10	1	ug/L	137178		12/15/04 2324	tds
	Sodium	20000		490	1500	1	ug/L	137178		12/15/04 2324	tds
	Vanadium	10	U	1.0	10	1	ug/L	137178		12/15/04 2324	tds
	Zinc	11	B	1.6	30	1	ug/L	137178		12/15/04 2324	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 12/17/2004

Job Number: 232409

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGES

ATTN: Eric Ellis

Customer Sample ID: NTAmw-115-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 11:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-4
 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	0.15	U	0.047	0.15	1.00000	ug/L	137343		12/12/04 1408	kdl
	alpha-BHC	0.10	U	0.028	0.10	1.00000	ug/L	137343		12/12/04 1408	kdl
	beta-BHC	0.10	U	0.025	0.10	1.00000	ug/L	137343		12/12/04 1408	kdl
	delta-BHC	0.15	U	0.042	0.15	1.00000	ug/L	137343		12/12/04 1408	kdl
	gamma-BHC (Lindane)	0.15	U	0.041	0.15	1.00000	ug/L	137343		12/12/04 1408	kdl
	Heptachlor	0.10	U	0.028	0.10	1.00000	ug/L	137343		12/12/04 1408	kdl
	Aldrin	0.15	U	0.036	0.15	1.00000	ug/L	137343		12/12/04 1408	kdl
	Heptachlor epoxide	0.10	U	0.021	0.10	1.00000	ug/L	137343		12/12/04 1408	kdl
	Endosulfan I	0.10	U	0.018	0.10	1.00000	ug/L	137343		12/12/04 1408	kdl
	Dieldrin	0.10	U	0.023	0.10	1.00000	ug/L	137343		12/12/04 1408	kdl
	4,4'-DDE	0.10	U	0.017	0.10	1.00000	ug/L	137343		12/12/04 1408	kdl
	Endrin	0.10	U	0.017	0.10	1.00000	ug/L	137343		12/12/04 1408	kdl
	Endosulfan II	0.15	U	0.042	0.15	1.00000	ug/L	137343		12/12/04 1408	kdl
	4,4'-DDD	0.11	U	0.036	0.11	1.00000	ug/L	137343		12/12/04 1408	kdl
	Endosulfan sulfate	0.15	U	0.044	0.15	1.00000	ug/L	137343		12/12/04 1408	kdl
	4,4'-DDT	0.15	U	0.049	0.15	1.00000	ug/L	137343		12/12/04 1408	kdl
	Methoxychlor	0.60	U	0.17	0.60	1.00000	ug/L	137343		12/12/04 1408	kdl
	alpha-Chlordane	0.050	U	0.016	0.050	1.00000	ug/L	137343		12/12/04 1408	kdl
	gamma-Chlordane	0.10	U	0.017	0.10	1.00000	ug/L	137343		12/12/04 1408	kdl
	Endrin aldehyde	0.15	U	0.035	0.15	1.00000	ug/L	137343		12/12/04 1408	kdl
	Endrin ketone	0.10	U	0.029	0.10	1.00000	ug/L	137343		12/12/04 1408	kdl
	Toxaphene	0.50	U	0.14	0.50	1.00000	ug/L	137343		12/12/04 1408	kdl

* In Description = Dry Wgt.

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Job Number: 232409		LABORATORY TEST RESULTS							Date: 12/16/2004			
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: NTAmw-115-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 11:20 Sample Matrix.....: Water			Laboratory Sample ID: 232409-4 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	0.60		U	0.18	0.60	1.00000	ug/L	137249		12/08/04 0439	bjt
	Aroclor 1016	1.3		U	0.42	1.3	1.00000	ug/L	137249		12/08/04 0439	bjt
	Aroclor 1221	1.3		U	0.35	1.3	1.00000	ug/L	137249		12/08/04 0439	bjt
	Aroclor 1232	1.3		U	0.43	1.3	1.00000	ug/L	137249		12/08/04 0439	bjt
	Aroclor 1242	1.5		U	0.48	1.5	1.00000	ug/L	137249		12/08/04 0439	bjt
	Aroclor 1248	1.3		U	0.35	1.3	1.00000	ug/L	137249		12/08/04 0439	bjt
	Aroclor 1254	0.60		U	0.17	0.60	1.00000	ug/L	137249		12/08/04 0439	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 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-115-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 11:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-4
 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
B260B	Volatile Organics										
	Chloromethane	1.0	U	0.080	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	Vinyl chloride	1.0	U	0.080	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	Bromomethane	1.0	U	0.10	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	Chloroethane	1.0	U	0.080	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	1,1-Dichloroethene	1.0	U	0.12	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	Carbon disulfide	5.0	U	0.20	5.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	Acetone	10	U	1.8	10	1.00000	ug/L	137206		12/15/04 1627	jdj
	Methylene chloride	1.5	U	0.35	1.5	1.00000	ug/L	137206		12/15/04 1627	jdj
	trans-1,2-Dichloroethene	1.0	U	0.14	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	1,1-Dichloroethane	1.0	U	0.11	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	cis-1,2-Dichloroethene	1.0	U	0.090	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	2-Butanone (MEK)	10	U	1.2	10	1.00000	ug/L	137206		12/15/04 1627	jdj
	Bromochloromethane	1.0	U	0.10	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	Chloroform	1.0	U	0.11	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	1,1,1-Trichloroethane	1.0	U	0.080	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	Carbon tetrachloride	1.0	U	0.13	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	Benzene	1.0	U	0.090	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	1,2-Dichloroethane	1.0	U	0.090	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	Trichloroethene	1.0	U	0.10	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	1,2-Dichloropropane	1.0	U	0.12	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	Bromodichloromethane	1.0	U	0.11	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	cis-1,3-Dichloropropane	1.0	U	0.12	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	4-Methyl-2-pentanone (MIBK)	10	U	0.65	10	1.00000	ug/L	137206		12/15/04 1627	jdj
	Toluene	1.0	U	0.10	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	trans-1,3-Dichloropropene	1.0	U	0.15	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	1,1,2-Trichloroethane	1.0	U	0.15	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	Tetrachloroethene	1.0	U	0.090	1.0	1.00000	ug/L	137206		12/15/04 1627	jdj
	2-Hexanone	10	U	0.53	10	1.00000	ug/L	137206		12/15/04 1627	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409

Date: 12/17/2004

CUSTOMER: RKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-115-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 11:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-4
 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
	Dibromochloromethane	1.0	U	0.060	1.0	1.00000	ug/L	137206		12/15/04 1627	jdn
	1,2-Dibromoethane (EDB)	1.0	U	0.13	1.0	1.00000	ug/L	137206		12/15/04 1627	jdn
	Chlorobenzene	1.0	U	0.080	1.0	1.00000	ug/L	137206		12/15/04 1627	jdn
	Ethylbenzene	1.0	U	0.070	1.0	1.00000	ug/L	137206		12/15/04 1627	jdn
	m&p-Xylenes	2.0	U	0.18	2.0	1.00000	ug/L	137206		12/15/04 1627	jdn
	o-Xylene	1.0	U	0.080	1.0	1.00000	ug/L	137206		12/15/04 1627	jdn
	Styrene	1.0	U	0.13	1.0	1.00000	ug/L	137206		12/15/04 1627	jdn
	Bromoform	1.0	U	0.11	1.0	1.00000	ug/L	137206		12/15/04 1627	jdn
	1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0	1.00000	ug/L	137206		12/15/04 1627	jdn
	1,2-Dichloroethene (total)	1.0	U	0.23	1.0	1.00000	ug/L	137206		12/15/04 1627	jdn
	Xylenes (total)	1.0	U	0.28	1.0	1.00000	ug/L	137206		12/15/04 1627	jdn

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS		Job Number: 232409		Date: 12/16/2004								
CUSTOMER: NKM Engineers, Inc.		PROJECT: USAGE RVAAP 14 AOCs		ATTN: Eric Ellis								
Customer Sample ID: NTAmw-115-GW		Laboratory Sample ID: 232409-4		Date Received: 12/03/2004								
Date Sampled: 12/02/2004		Date Received: 12/03/2004		Time Received: 10:00								
Time Sampled: 11:20												
Sample Matrix: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	ML	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	137222		12/09/04 1630	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	137222		12/09/04 1630	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.50	U		0.080	0.50	1.00000	ug/L	137222		12/09/04 1630	dpk
	Hexachloroethane, Low Level Water	5.0	U		0.60	5.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.099	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	2-Chlorophenol, Low Level Water	5.0	U		0.12	5.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	Nitrobenzene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	137222		12/09/04 1630	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	2,4-Dimethylphenol, Low Level Water	9.9	U		1.3	9.9	1.00000	ug/L	137222		12/09/04 1630	dpk
	Hexachlorobutadiene, Low Level Water	5.0	U		0.63	5.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	Naphthalene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk
	2,4-Dichlorophenol, Low Level Water	9.9	U		0.90	9.9	1.00000	ug/L	137222		12/09/04 1630	dpk
	4-Chloroaniline, Low Level Water	9.9	U		2.8	9.9	1.00000	ug/L	137222		12/09/04 1630	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.0	U		0.21	5.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.9	U		1.4	9.9	1.00000	ug/L	137222		12/09/04 1630	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.64	20	1.00000	ug/L	137222		12/09/04 1630	dpk
	2-Methylnaphthalene, Low Level Water	0.50	U		0.13	0.50	1.00000	ug/L	137222		12/09/04 1630	dpk
	2-Nitroaniline, Low Level Water	5.0	U		0.22	5.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232409 Date: 12/16/2004

CUSTOMER: NKM Engineers, Inc. PROJECT: USAGE RYAP 14 MOGS ATTN: Eric Ellis

Customer Sample ID: NTAmw-115-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 11:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-4
 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	9.9	U	2.4	9.9	1.00000	ug/L	137222		12/09/04 1630	dpk
	2,6-Dinitrotoluene, Low Level Water	0.50	U	0.11	0.50	1.00000	ug/L	137222		12/09/04 1630	dpk
	2-Nitrophenol, Low Level Water	9.9	U	0.81	9.9	1.00000	ug/L	137222		12/09/04 1630	dpk
	3-Nitroaniline, Low Level Water	9.9	U	2.1	9.9	1.00000	ug/L	137222		12/09/04 1630	dpk
	Dimethyl phthalate, Low Level Water	2.0	U	0.21	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	2,4-Dinitrophenol, Low Level Water	20	U	3.3	20	1.00000	ug/L	137222		12/09/04 1630	dpk
	Acenaphthylene, Low Level Water	0.99	U	0.12	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk
	2,4-Dinitrotoluene, Low Level Water	0.99	U	0.13	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk
	Acenaphthene, Low Level Water	0.99	U	0.12	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk
	Dibenzofuran, Low Level Water	2.0	U	0.13	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	4-Nitrophenol, Low Level Water	20	U	3.7	20	1.00000	ug/L	137222		12/09/04 1630	dpk
	Fluorene, Low Level Water	0.99	U	0.13	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk
	4-Nitroaniline, Low Level Water	9.9	U	2.3	9.9	1.00000	ug/L	137222		12/09/04 1630	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.0	U	0.19	5.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	Hexachlorobenzene, Low Level Water	0.50	U	0.096	0.50	1.00000	ug/L	137222		12/09/04 1630	dpk
	Diethyl phthalate, Low Level Water	2.0	U	0.15	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.0	U	0.74	5.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	Pentachlorophenol, Low Level Water	9.9	U	1.7	9.9	1.00000	ug/L	137222		12/09/04 1630	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.99	U	0.13	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U	2.4	20	1.00000	ug/L	137222		12/09/04 1630	dpk
	Phenanthrene, Low Level Water	0.99	U	0.14	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk
	Anthracene, Low Level Water	0.99	U	0.15	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk
	Carbazole, Low Level Water	5.0	U	0.29	5.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	Di-n-butyl phthalate, Low Level Water	5.0	U	0.36	5.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	Fluoranthene, Low Level Water	0.99	U	0.14	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk
	Pyrene, Low Level Water	0.99	U	0.12	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U	0.39	2.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U	0.049	0.20	1.00000	ug/L	137222		12/09/04 1630	dpk
	Chrysene, Low Level Water	0.50	U	0.045	0.50	1.00000	ug/L	137222		12/09/04 1630	dpk

* 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 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmm-115-GW
 Date Sampled.....: 12/02/2004
 Time Sampled.....: 11:20
 Sample Matrix.....: Water

Laboratory Sample ID: 232409-4
 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
	3,3-Dichlorobenzidine, Low Level Water	5.0	U		0.71	5.0	1.00000	ug/L	137222		12/09/04 1630	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.9	15	1.00000	ug/L	137222		12/09/04 1630	dpk
	Di-n-octyl phthalate, Low Level Water	9.9	U		2.5	9.9	1.00000	ug/L	137222		12/09/04 1630	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40	U		0.066	0.40	1.00000	ug/L	137222		12/09/04 1630	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40	U		0.071	0.40	1.00000	ug/L	137222		12/09/04 1630	dpk
	Benzo(a)pyrene, Low Level Water	0.40	U		0.083	0.40	1.00000	ug/L	137222		12/09/04 1630	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40	U		0.085	0.40	1.00000	ug/L	137222		12/09/04 1630	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40	U		0.13	0.40	1.00000	ug/L	137222		12/09/04 1630	dpk
	Benzo(ghi)perylene, Low Level Water	0.99	U		0.19	0.99	1.00000	ug/L	137222		12/09/04 1630	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232409						Date: 12/21/2004						
CUSTOMER: MCM Engineers, Inc.				PROJECT: USACE RMAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-115-GW Date Sampled.....: 12/02/2004 Time Sampled.....: 11:20 Sample Matrix.....: Water						Laboratory Sample ID: 232409-4 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)											
	HMX	0.56	U		0.12	0.56	1.00000	ug/L	137479		12/15/04 0705	san
	RDX	0.36	U		0.12	0.36	1.00000	ug/L	137479		12/15/04 0705	san
	1,3,5-Trinitrobenzene	0.36	U		0.10	0.36	1.00000	ug/L	137479		12/15/04 0705	san
	1,3-Dinitrobenzene	0.36	U		0.099	0.36	1.00000	ug/L	137479		12/15/04 0705	san
	Nitrobenzene	0.29	U		0.079	0.29	1.00000	ug/L	137479		12/15/04 0705	san
	2,4,6-TNT	0.45	U		0.14	0.45	1.00000	ug/L	137479		12/15/04 0705	san
	Tetryl	1.4	U		0.30	1.4	1.00000	ug/L	137479		12/15/04 0705	san
	2,4-Dinitrotoluene	0.65	U		0.22	0.65	1.00000	ug/L	137479		12/15/04 0705	san
	2,6-Dinitrotoluene	0.77	U		0.26	0.77	1.00000	ug/L	137479		12/15/04 0705	san
	2-Amino-4,6-Dinitrotoluene	0.65	U		0.21	0.65	1.00000	ug/L	137479		12/15/04 0705	san
	4-Amino-2,6-Dinitrotoluene	0.59	U		0.20	0.59	1.00000	ug/L	137479		12/15/04 0705	san
	2-Nitrotoluene	0.56	U	a	0.17	0.56	1.00000	ug/L	137479		12/15/04 0705	san
	4-Nitrotoluene	0.56	U		0.18	0.56	1.00000	ug/L	137479		12/15/04 0705	san
3-Nitrotoluene	0.56	U		0.18	0.56	1.00000	ug/L	137479		12/15/04 0705	san	
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.8	U		0.27	1.8	1.00000	ug/L	137473		12/08/04 0651	san	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: NTAmw-115-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L030390-004 Work Order #...: GX9131AC Matrix.....: WATER
Date Sampled...: 12/02/04 11:20 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: NTAmw-115-GW

General Chemistry

Lot-Sample #...: G4L030390-004
Date Sampled...: 12/02/04

Work Order #...: GX913
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: 232364

Date: 12/22/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-116-GW
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-1
 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 1716	daj
7060A	Arsenic (GFAA) Arsenic	0.82		B	0.51	2.0	1	ug/L	136355		12/06/04 1826	daj
7421	Lead (GFAA) Lead	7.9			0.79	3.0	1	ug/L	136640		12/08/04 1419	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	136346		12/07/04 0153	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	137125		12/14/04 1425	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150		U	24	150	1	ug/L	137184		12/15/04 1629	tds
	Barium	37			1.3	10	1	ug/L	137184		12/15/04 1629	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	137184		12/15/04 1629	tds
	Cadmium	0.32		B	0.25	2.0	1	ug/L	137184		12/15/04 1629	tds
	Calcium	34000			9.5	100	1	ug/L	137184		12/15/04 1629	tds
	Chromium	10		U	1.1	10	1	ug/L	137184		12/15/04 1629	tds
	Cobalt	5.0		U	0.80	5.0	1	ug/L	137184		12/15/04 1629	tds
	Copper	10		U	2.2	10	1	ug/L	137184		12/15/04 1629	tds
	Iron	120		U	38	120	1	ug/L	137184		12/15/04 1629	tds
	Magnesium	4400			8.1	100	1	ug/L	137184		12/15/04 1629	tds
	Manganese	110			0.41	10	1	ug/L	137184		12/15/04 1629	tds
	Nickel	10		U	1.0	10	1	ug/L	137184		12/15/04 1629	tds
	Potassium	1100			66	500	1	ug/L	137184		12/15/04 1629	tds

* In Description = Dry Wgt.

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Job Number: 232364		LABORATORY TEST RESULTS						Date: 12/22/2004				
CUSTOMER: RKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: NTAMW-116-GW Date Sampled.....: 12/01/2004 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 232364-1 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 1629	tds
	Silver	10		U	0.72	10	1	ug/L	137184		12/15/04 1629	tds
	Sodium	2200			490	1500	1	ug/L	137184		12/15/04 1629	tds
	Vanadium	10		U	1.0	10	1	ug/L	137184		12/15/04 1629	tds
	Zinc	21		B	1.6	30	1	ug/L	137184		12/15/04 1629	tds

* In Description = Dry Wgt.

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Job Number: 232364		LABORATORY TEST RESULTS						Date: 12/16/2004				
CUSTOMER: HKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: NTAIW-116-GW Date Sampled: 12/01/2004 Time Sampled: 09:30 Sample Matrix: Water			Laboratory Sample ID: 232364-1 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		0.047	0.15	1.00000	ug/L	137219		12/06/04 1854	kdL
	beta-BHC	0.10	U		0.028	0.10	1.00000	ug/L	137219		12/06/04 1854	kdL
	delta-BHC	0.10	U		0.025	0.10	1.00000	ug/L	137219		12/06/04 1854	kdL
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	137219		12/06/04 1854	kdL
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	137219		12/06/04 1854	kdL
	Aldrin	0.10	U		0.028	0.10	1.00000	ug/L	137219		12/06/04 1854	kdL
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	137219		12/06/04 1854	kdL
	Endosulfan I	0.10	U		0.021	0.10	1.00000	ug/L	137219		12/06/04 1854	kdL
	Dieldrin	0.10	U		0.018	0.10	1.00000	ug/L	137219		12/06/04 1854	kdL
	4,4'-DDE	0.10	U		0.023	0.10	1.00000	ug/L	137219		12/06/04 1854	kdL
	Endrin	0.10	U		0.017	0.10	1.00000	ug/L	137219		12/06/04 1854	kdL
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	137219		12/06/04 1854	kdL
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	137219		12/06/04 1854	kdL
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	137219		12/06/04 1854	kdL
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	137219		12/06/04 1854	kdL
	Methoxychlor	0.60	U		0.17	0.60	1.00000	ug/L	137219		12/06/04 1854	kdL
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	137219		12/06/04 1854	kdL
	gamma-Chlordane	0.10	U		0.017	0.10	1.00000	ug/L	137219		12/06/04 1854	kdL
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	137219		12/06/04 1854	kdL
	Endrin ketone	0.10	U		0.029	0.10	1.00000	ug/L	137219		12/06/04 1854	kdL
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	137219		12/06/04 1854	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 AOCs			ATTN: Eric Elie						
Customer Sample ID: NTAmw-116-GW Date Sampled.....: 12/01/2004 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 232364-1 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 1643	bjt
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	137237		12/07/04 1643	bjt
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	137237		12/07/04 1643	bjt
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	137237		12/07/04 1643	bjt
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	137237		12/07/04 1643	bjt
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	137237		12/07/04 1643	bjt
	Aroclor 1260	0.60	U		0.17	0.60	1.00000	ug/L	137237		12/07/04 1643	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 RWAP 14 ADCS

ATTN: Eric Elita

Customer Sample ID: MTAmw-116-GW
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-1
 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 0935	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Carbon disulfide	5.0	U	*	0.20	5.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	136228		12/03/04 0935	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	136228		12/03/04 0935	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	136228		12/03/04 0935	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	136228		12/03/04 0935	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	136228		12/03/04 0935	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/16/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RI/AMP 14 ADGS

ATTN: Eric Elkins

Customer Sample ID: NTAmw-116-GW
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-1
 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 0935	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	136228		12/03/04 0935	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	136228		12/03/04 0935	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 AOCs

ATTN: Eric Elkins

Customer Sample ID: NTAMW-116-GW
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-1
 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		0.35	5.1	1.00000	ug/L	136557		12/08/04 1623	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	136557		12/08/04 1623	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.51	U		0.082	0.51	1.00000	ug/L	136557		12/08/04 1623	dpk
	Hexachloroethane, Low Level Water	5.1	U		0.62	5.1	1.00000	ug/L	136557		12/08/04 1623	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.10	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	2-Chlorophenol, Low Level Water	5.1	U		0.12	5.1	1.00000	ug/L	136557		12/08/04 1623	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	136557		12/08/04 1623	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	136557		12/08/04 1623	dpk
	Hexachlorobutadiene, Low Level Water	5.1	U		0.65	5.1	1.00000	ug/L	136557		12/08/04 1623	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.92	10	1.00000	ug/L	136557		12/08/04 1623	dpk
	4-Chloroaniline, Low Level Water	10	U		2.8	10	1.00000	ug/L	136557		12/08/04 1623	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.1	U		0.21	5.1	1.00000	ug/L	136557		12/08/04 1623	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	136557		12/08/04 1623	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.66	20	1.00000	ug/L	136557		12/08/04 1623	dpk
	2-Methylnaphthalene, Low Level Water	0.51	U		0.13	0.51	1.00000	ug/L	136557		12/08/04 1623	dpk
	2-Nitroaniline, Low Level Water	5.1	U		0.22	5.1	1.00000	ug/L	136557		12/08/04 1623	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	136557		12/08/04 1623	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 ACES

ATTN: Eric Ellis

Customer Sample ID: NTAMW-116-GW
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-1
 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 1623	dpk
	2,6-Dinitrotoluene, Low Level Water	0.51	U	0.11	0.51	1.00000	ug/L	136557		12/08/04 1623	dpk
	2-Nitrophenol, Low Level Water	10	U	0.83	10	1.00000	ug/L	136557		12/08/04 1623	dpk
	3-Nitroaniline, Low Level Water	10	U	2.1	10	1.00000	ug/L	136557		12/08/04 1623	dpk
	Dimethyl phthalate, Low Level Water	2.0	U	0.21	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	2,4-Dinitrophenol, Low Level Water	20	U	3.3	20	1.00000	ug/L	136557		12/08/04 1623	dpk
	Acenaphthylene, Low Level Water	1.0	U	0.12	1.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U	0.13	1.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	Acenaphthene, Low Level Water	1.0	U	0.12	1.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	Dibenzofuran, Low Level Water	2.0	U	0.13	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	4-Nitrophenol, Low Level Water	20	U	3.7	20	1.00000	ug/L	136557		12/08/04 1623	dpk
	Fluorene, Low Level Water	1.0	U	0.13	1.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	4-Nitroaniline, Low Level Water	10	U	2.3	10	1.00000	ug/L	136557		12/08/04 1623	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.1	U	0.19	5.1	1.00000	ug/L	136557		12/08/04 1623	dpk
	Hexachlorobenzene, Low Level Water	0.51	U	0.098	0.51	1.00000	ug/L	136557		12/08/04 1623	dpk
	Diethyl phthalate, Low Level Water	2.0	U	0.15	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.1	U	0.76	5.1	1.00000	ug/L	136557		12/08/04 1623	dpk
	Pentachlorophenol, Low Level Water	10	U	1.7	10	1.00000	ug/L	136557		12/08/04 1623	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U	0.13	1.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U	2.4	20	1.00000	ug/L	136557		12/08/04 1623	dpk
	Phenanthrene, Low Level Water	1.0	U	0.14	1.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	Anthracene, Low Level Water	1.0	U	0.15	1.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	Carbazole, Low Level Water	5.1	U	0.29	5.1	1.00000	ug/L	136557		12/08/04 1623	dpk
	Di-n-butyl phthalate, Low Level Water	5.1	U	0.36	5.1	1.00000	ug/L	136557		12/08/04 1623	dpk
	Fluoranthene, Low Level Water	1.0	U	0.14	1.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	Pyrene, Low Level Water	1.0	U	0.12	1.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U	0.39	2.0	1.00000	ug/L	136557		12/08/04 1623	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U	0.049	0.20	1.00000	ug/L	136557		12/08/04 1623	dpk
	Chrysene, Low Level Water	0.51	U	0.045	0.51	1.00000	ug/L	136557		12/08/04 1623	dpk

* In Description = Dry Wgt.

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Job Number: 232364		LABORATORY TEST RESULTS						Date: 12/17/2004				
CUSTOMER: HKN Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: NTAm-116-GW			Laboratory Sample ID: 232364-1									
Date Sampled.....: 12/01/2004			Date Received.....: 12/02/2004									
Time Sampled.....: 09:30			Time Received.....: 09:45									
Sample Matrix.....: Water												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAG	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 1623	dpk	
	Bis(2-ethylhexyl)phthalate, Low Level Water	6.1	J	3.9	15	1.00000	ug/L	136557		12/08/04 1623	dpk	
	Di-n-octyl phthalate, Low Level Water	10	U	2.5	10	1.00000	ug/L	136557		12/08/04 1623	dpk	
	Benzo(b)fluoranthene, Low Level Water	0.40	U	0.068	0.40	1.00000	ug/L	136557		12/08/04 1623	dpk	
	Benzo(k)fluoranthene, Low Level Water	0.40	U	0.073	0.40	1.00000	ug/L	136557		12/08/04 1623	dpk	
	Benzo(a)pyrene, Low Level Water	0.40	U	0.085	0.40	1.00000	ug/L	136557		12/08/04 1623	dpk	
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.21	J	0.087	0.40	1.00000	ug/L	136557		12/08/04 1623	dpk	
	Dibenzo(a,h)anthracene, Low Level Water	0.24	J	0.13	0.40	1.00000	ug/L	136557		12/08/04 1623	dpk	
	Benzo(ghi)perylene, Low Level Water	0.25	J	0.19	1.0	1.00000	ug/L	136557		12/08/04 1623	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 RVAMP 1A AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAIW-116-GW
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-1
 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	0.37	U		0.082	0.37	1.00000	ug/L	137332		12/15/04 1922	bdw
	RDX	0.24	U		0.077	0.24	1.00000	ug/L	137332		12/15/04 1922	bdw
	1,3,5-Trinitrobenzene	0.24	U		0.070	0.24	1.00000	ug/L	137332		12/15/04 1922	bdw
	1,3-Dinitrobenzene	0.24	U		0.066	0.24	1.00000	ug/L	137332		12/15/04 1922	bdw
	Nitrobenzene	0.19	U		0.053	0.19	1.00000	ug/L	137332		12/15/04 1922	bdw
	2,4,6-TNT	0.30	U		0.094	0.30	1.00000	ug/L	137332		12/15/04 1922	bdw
	Tetryl	0.94	U		0.20	0.94	1.00000	ug/L	137332		12/15/04 1922	bdw
	2,4-Dinitrotoluene	0.43	U		0.15	0.43	1.00000	ug/L	137332		12/15/04 1922	bdw
	2,6-Dinitrotoluene	0.52	U		0.17	0.52	1.00000	ug/L	137332		12/15/04 1922	bdw
	2-Amino-4,6-Dinitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	137332		12/15/04 1922	bdw
	4-Amino-2,6-Dinitrotoluene	0.40	U		0.14	0.40	1.00000	ug/L	137332		12/15/04 1922	bdw
	2-Nitrotoluene	0.37	U		0.11	0.37	1.00000	ug/L	137332		12/15/04 1922	bdw
	4-Nitrotoluene	0.37	U		0.12	0.37	1.00000	ug/L	137332		12/15/04 1922	bdw
	3-Nitrotoluene	0.37	U		0.12	0.37	1.00000	ug/L	137332		12/15/04 1922	bdw
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.2	U		0.18	1.2	1.00000	ug/L	137338		12/03/04 0134	bdw

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: NTAmw-116-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L020243-002 Work Order #...: GX5EN1AC Matrix.....: WATER
Date Sampled...: 12/01/04 09:30 Date Received...: 12/02/04
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</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Nitroguanidine	ND	20	ug/L	NONE UV/HPLC per

STL CHICAGO

Client Sample ID: NTAmw-116-GW

General Chemistry

Lot-Sample #...: G4L020243-002
Date Sampled...: 12/01/04

Work Order #...: GX5EN
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: 12/22/2004

CUSTOMER: NKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: NIAm-116-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-2
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RC	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 1753	daj
7060A	Arsenic (GFAA) Arsenic	0.54	B		0.51	2.0	1	ug/L	136355		12/06/04 1913	daj
7421	Lead (GFAA) Lead	8.6			0.79	3.0	1	ug/L	136640		12/08/04 1506	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	136346		12/07/04 0230	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137125		12/14/04 1432	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	44	B		24	150	1	ug/L	137184		12/15/04 1700	tds
	Barium	37			1.3	10	1	ug/L	137184		12/15/04 1700	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	137184		12/15/04 1700	tds
	Cadmium	0.29	B		0.25	2.0	1	ug/L	137184		12/15/04 1700	tds
	Calcium	34000			9.5	100	1	ug/L	137184		12/15/04 1700	tds
	Chromium	10	U		1.1	10	1	ug/L	137184		12/15/04 1700	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	137184		12/15/04 1700	tds
	Copper	10	U		2.2	10	1	ug/L	137184		12/15/04 1700	tds
	Iron	120	U		38	120	1	ug/L	137184		12/15/04 1700	tds
	Magnesium	4500			8.1	100	1	ug/L	137184		12/15/04 1700	tds
	Manganese	110			0.41	10	1	ug/L	137184		12/15/04 1700	tds
	Nickel	10	U		1.0	10	1	ug/L	137184		12/15/04 1700	tds
	Potassium	1200			66	500	1	ug/L	137184		12/15/04 1700	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 RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmW-116-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-2
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

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	137184		12/15/04 1700	tds
	Silver	10	U		0.72	10	1	ug/L	137184		12/15/04 1700	tds
	Sodium	2300			490	1500	1	ug/L	137184		12/15/04 1700	tds
	Vanadium	10	U		1.0	10	1	ug/L	137184		12/15/04 1700	tds
	Zinc	20	B		1.6	30	1	ug/L	137184		12/15/04 1700	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 AGDS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-116-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-2
 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		0.048	0.15	1.00000	ug/L	137219		12/06/04 2009	kdl
	beta-BHC	0.10	U		0.029	0.10	1.00000	ug/L	137219		12/06/04 2009	kdl
	delta-BHC	0.10	U		0.026	0.10	1.00000	ug/L	137219		12/06/04 2009	kdl
	gamma-BHC (Lindane)	0.15	U		0.043	0.15	1.00000	ug/L	137219		12/06/04 2009	kdl
	Heptachlor	0.15	U		0.042	0.15	1.00000	ug/L	137219		12/06/04 2009	kdl
	Aldrin	0.10	U		0.029	0.10	1.00000	ug/L	137219		12/06/04 2009	kdl
	Heptachlor epoxide	0.15	U		0.037	0.15	1.00000	ug/L	137219		12/06/04 2009	kdl
	Endosulfan I	0.10	U		0.021	0.10	1.00000	ug/L	137219		12/06/04 2009	kdl
	Dieldrin	0.10	U		0.018	0.10	1.00000	ug/L	137219		12/06/04 2009	kdl
	4,4'-DDE	0.10	U		0.023	0.10	1.00000	ug/L	137219		12/06/04 2009	kdl
	Endrin	0.10	U		0.017	0.10	1.00000	ug/L	137219		12/06/04 2009	kdl
	Endosulfan II	0.15	U		0.043	0.15	1.00000	ug/L	137219		12/06/04 2009	kdl
	4,4'-DDD	0.11	U		0.037	0.11	1.00000	ug/L	137219		12/06/04 2009	kdl
	Endosulfan sulfate	0.15	U		0.045	0.15	1.00000	ug/L	137219		12/06/04 2009	kdl
	4,4'-DDT	0.15	U		0.050	0.15	1.00000	ug/L	137219		12/06/04 2009	kdl
	Methoxychlor	0.61	U		0.17	0.61	1.00000	ug/L	137219		12/06/04 2009	kdl
	alpha-Chlordane	0.051	U		0.016	0.051	1.00000	ug/L	137219		12/06/04 2009	kdl
	gamma-Chlordane	0.10	U		0.017	0.10	1.00000	ug/L	137219		12/06/04 2009	kdl
	Endrin aldehyde	0.15	U		0.036	0.15	1.00000	ug/L	137219		12/06/04 2009	kdl
	Endrin ketone	0.10	U		0.030	0.10	1.00000	ug/L	137219		12/06/04 2009	kdl
	Toxaphene	0.51	U		0.14	0.51	1.00000	ug/L	137219		12/06/04 2009	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 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-116-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-2
 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	0.61	U	0.18	0.61	1.00000	ug/L	137237		12/07/04 1757	bjt
	Aroclor 1221	1.3	U	0.43	1.3	1.00000	ug/L	137237		12/07/04 1757	bjt
	Aroclor 1232	1.3	U	0.36	1.3	1.00000	ug/L	137237		12/07/04 1757	bjt
	Aroclor 1242	1.3	U	0.44	1.3	1.00000	ug/L	137237		12/07/04 1757	bjt
	Aroclor 1248	1.5	U	0.49	1.5	1.00000	ug/L	137237		12/07/04 1757	bjt
	Aroclor 1254	1.3	U	0.36	1.3	1.00000	ug/L	137237		12/07/04 1757	bjt
	Aroclor 1260	0.61	U	0.17	0.61	1.00000	ug/L	137237		12/07/04 1757	bjt

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/16/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RYMAP 14 ADGS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-116-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-2
 Date Received.....: 12/02/2004
 Time Received.....: 09:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAG	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 1043	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	Carbon disulfide	5.0	U	*	0.20	5.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	136228		12/03/04 1043	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	136228		12/03/04 1043	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	136228		12/03/04 1043	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	136228		12/03/04 1043	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1043	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	136228		12/03/04 1043	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date: 12/16/2004

CUSTOMER: NKM Engineers, Inc.

PROJECT: USACE RYAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-116-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-2
 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 1043	jdh
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1043	jdh
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1043	jdh
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	136228		12/03/04 1043	jdh
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	136228		12/03/04 1043	jdh
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	136228		12/03/04 1043	jdh
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	136228		12/03/04 1043	jdh
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	136228		12/03/04 1043	jdh
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	136228		12/03/04 1043	jdh
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	136228		12/03/04 1043	jdh
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	136228		12/03/04 1043	jdh

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232364

Date:12/17/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RUMAP 14 ADDS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-116-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-2
 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 1646	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.50	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	136557		12/08/04 1646	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.50	U		0.080	0.50	1.00000	ug/L	136557		12/08/04 1646	dpk
	Hexachloroethane, Low Level Water	5.0	U		0.60	5.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.099	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	2-Chlorophenol, Low Level Water	5.0	U		0.12	5.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	Nitrobenzene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	136557		12/08/04 1646	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	2,4-Dimethylphenol, Low Level Water	9.9	U		1.3	9.9	1.00000	ug/L	136557		12/08/04 1646	dpk
	Hexachlorobutadiene, Low Level Water	5.0	U		0.63	5.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	Naphthalene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk
	2,4-Dichlorophenol, Low Level Water	9.9	U		0.90	9.9	1.00000	ug/L	136557		12/08/04 1646	dpk
	4-Chloroaniline, Low Level Water	9.9	U		2.8	9.9	1.00000	ug/L	136557		12/08/04 1646	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.0	U		0.21	5.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.9	U		1.4	9.9	1.00000	ug/L	136557		12/08/04 1646	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.64	20	1.00000	ug/L	136557		12/08/04 1646	dpk
	2-Methylnaphthalene, Low Level Water	0.50	U		0.13	0.50	1.00000	ug/L	136557		12/08/04 1646	dpk
	2-Nitroaniline, Low Level Water	5.0	U		0.22	5.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	136557		12/08/04 1646	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: NTAmw-116-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-2
 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	9.9	U		2.4	9.9	1.00000	ug/L	136557		12/08/04 1646	dpk
	2,6-Dinitrotoluene, Low Level Water	0.50	U		0.11	0.50	1.00000	ug/L	136557		12/08/04 1646	dpk
	2-Nitrophenol, Low Level Water	9.9	U		0.81	9.9	1.00000	ug/L	136557		12/08/04 1646	dpk
	3-Nitroaniline, Low Level Water	9.9	U		2.1	9.9	1.00000	ug/L	136557		12/08/04 1646	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.3	20	1.00000	ug/L	136557		12/08/04 1646	dpk
	Acenaphthylene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk
	2,4-Dinitrotoluene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk
	Acenaphthene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	4-Nitrophenol, Low Level Water	20	U		3.7	20	1.00000	ug/L	136557		12/08/04 1646	dpk
	Fluorene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk
	4-Nitroaniline, Low Level Water	9.9	U		2.3	9.9	1.00000	ug/L	136557		12/08/04 1646	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.0	U		0.19	5.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	Hexachlorobenzene, Low Level Water	0.50	U		0.096	0.50	1.00000	ug/L	136557		12/08/04 1646	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.0	U		0.74	5.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	Pentachlorophenol, Low Level Water	9.9	U		1.7	9.9	1.00000	ug/L	136557		12/08/04 1646	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	136557		12/08/04 1646	dpk
	Phenanthrene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk
	Anthracene, Low Level Water	0.99	U		0.15	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk
	Carbazole, Low Level Water	5.0	U		0.29	5.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	Di-n-butyl phthalate, Low Level Water	5.0	U		0.36	5.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	Fluoranthene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk
	Pyrene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.39	2.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.049	0.20	1.00000	ug/L	136557		12/08/04 1646	dpk
	Chrysene, Low Level Water	0.50	U		0.045	0.50	1.00000	ug/L	136557		12/08/04 1646	dpk

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

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: NTAm-116-DUP
 Date Sampled.....: 12/01/2004
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232364-2
 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		0.71	5.0	1.00000	ug/L	136557		12/08/04 1646	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.9	15	1.00000	ug/L	136557		12/08/04 1646	dpk
	Di-n-octyl phthalate, Low Level Water	9.9	U		2.5	9.9	1.00000	ug/L	136557		12/08/04 1646	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40	U		0.066	0.40	1.00000	ug/L	136557		12/08/04 1646	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40	U		0.071	0.40	1.00000	ug/L	136557		12/08/04 1646	dpk
	Benzo(a)pyrene, Low Level Water	0.40	U		0.083	0.40	1.00000	ug/L	136557		12/08/04 1646	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40	U		0.085	0.40	1.00000	ug/L	136557		12/08/04 1646	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40	U		0.13	0.40	1.00000	ug/L	136557		12/08/04 1646	dpk
	Benzo(ghi)perylene, Low Level Water	0.99	U		0.19	0.99	1.00000	ug/L	136557		12/08/04 1646	dpk

* In Description = Dry Wgt.

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Job Number: 232364		LABORATORY TEST RESULTS						Date: 12/17/2004				
CUSTOMER: MKN Engineers, Inc.			PROJECT: USACE RVAMP 14 AOCs				ATTN: Eric Elias					
Customer Sample ID: NTAmw-116-DUP Date Sampled.....: 12/01/2004 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 232364-2 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	0.31	U		0.068	0.31	1.00000	ug/L	137332		12/04/04 0344	bdw
	RDX	0.20	U		0.064	0.20	1.00000	ug/L	137332		12/04/04 0344	bdw
	1,3,5-Trinitrobenzene	0.20	U		0.058	0.20	1.00000	ug/L	137332		12/04/04 0344	bdw
	1,3-Dinitrobenzene	0.20	U		0.055	0.20	1.00000	ug/L	137332		12/04/04 0344	bdw
	Nitrobenzene	0.16	U		0.044	0.16	1.00000	ug/L	137332		12/04/04 0344	bdw
	2,4,6-TNT	0.25	U		0.078	0.25	1.00000	ug/L	137332		12/04/04 0344	bdw
	Tetryl	0.78	U		0.16	0.78	1.00000	ug/L	137332		12/04/04 0344	bdw
	2,4-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	137332		12/04/04 0344	bdw
	2,6-Dinitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	137332		12/04/04 0344	bdw
	2-Amino-4,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	137332		12/04/04 0344	bdw
	4-Amino-2,6-Dinitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	137332		12/04/04 0344	bdw
	2-Nitrotoluene	0.31	U		0.093	0.31	1.00000	ug/L	137332		12/04/04 0344	bdw
	4-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	137332		12/04/04 0344	bdw
	3-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	137332		12/04/04 0344	bdw
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	0.17	J		0.15	1.0	1.00000	ug/L	137338		12/03/04 0320	bdw

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: NTAmw-116-DUP

Trace Level Organic Compounds

Lot-Sample #...: G4L020243-003 Work Order #...: GX5EP1AC Matrix.....: WATER
Date Sampled...: 12/01/04 09:30 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 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: NTAmw-116-DUP

General Chemistry

Lot-Sample #...: G4L020243-003
Date Sampled...: 12/01/04

Work Order #...: GX5EP
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: 232876		LABORATORY TEST RESULTS						Date: 01/03/2005				
CUSTOMER: HKN Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: NTAmw-117-GW Date Sampled.....: 12/16/2004 Time Sampled.....: 13:35 Sample Matrix.....: Water			Laboratory Sample ID: 232876-3 Date Received.....: 12/17/2004 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	4.9	B		2.5	7.5	1	ug/L	137685		12/21/04 0214	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	137730		12/20/04 1627	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	137991		12/22/04 1800	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	137972		12/22/04 1308	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137691		12/20/04 1626	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	138597		12/31/04 0654	tds
	Barium	120			1.3	10	1	ug/L	138597		12/31/04 0654	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	138597		12/31/04 0654	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	138597		12/31/04 0654	tds
	Calcium	63000			9.5	100	1	ug/L	138597		12/31/04 0654	tds
	Chromium	10	U		1.1	10	1	ug/L	138597		12/31/04 0654	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	138597		12/31/04 0654	tds
	Copper	10	U		2.2	10	1	ug/L	138597		12/31/04 0654	tds
	Iron	120	U		38	120	1	ug/L	138597		12/31/04 0654	tds
	Magnesium	15000			8.1	100	1	ug/L	138597		12/31/04 0654	tds
	Manganese	310			0.41	10	1	ug/L	138597		12/31/04 0654	tds
	Nickel	10	U		1.0	10	1	ug/L	138597		12/31/04 0654	tds
	Potassium	1700			66	500	1	ug/L	138597		12/31/04 0654	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 232876						Date: 01/03/2005						
CUSTOMER: HKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: NTAmw-117-GW Date Sampled.....: 12/16/2004 Time Sampled.....: 13:35 Sample Matrix.....: Water						Laboratory Sample ID: 232876-3 Date Received.....: 12/17/2004 Time Received.....: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	NDL	RL	DILUTION	UNITS	BATCH	BT	DATE/TIME	TECH
	Selenium	15		U	3.0	15	1	ug/L	138597		12/31/04 0654	tds
	Silver	10		U	0.72	10	1	ug/L	138597		12/31/04 0654	tds
	Sodium	6800			490	1500	1	ug/L	138597		12/31/04 0654	tds
	Vanadium	10		U	1.0	10	1	ug/L	138597		12/31/04 0654	tds
	Zinc	4.3		B	1.6	30	1	ug/L	138597		12/31/04 0654	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232876

Date: 12/30/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: NTAm-117-GW
 Date Sampled.....: 12/16/2004
 Time Sampled.....: 13:35
 Sample Matrix.....: Water

Laboratory Sample ID: 232876-3
 Date Received.....: 12/17/2004
 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	138514		12/22/04 1308	kdL
	beta-BHC	0.098	U		0.027	0.098	1.00000	ug/L	138514		12/22/04 1308	kdL
	delta-BHC	0.098	U		0.025	0.098	1.00000	ug/L	138514		12/22/04 1308	kdL
	gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	138514		12/22/04 1308	kdL
	Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	138514		12/22/04 1308	kdL
	Aldrin	0.098	U		0.027	0.098	1.00000	ug/L	138514		12/22/04 1308	kdL
	Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	138514		12/22/04 1308	kdL
	Endosulfan I	0.098	U		0.021	0.098	1.00000	ug/L	138514		12/22/04 1308	kdL
	Dieldrin	0.098	U		0.018	0.098	1.00000	ug/L	138514		12/22/04 1308	kdL
	4,4'-DDE	0.098	U		0.023	0.098	1.00000	ug/L	138514		12/22/04 1308	kdL
	Endrin	0.098	U		0.017	0.098	1.00000	ug/L	138514		12/22/04 1308	kdL
	Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	138514		12/22/04 1308	kdL
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	138514		12/22/04 1308	kdL
	Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	138514		12/22/04 1308	kdL
	4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	138514		12/22/04 1308	kdL
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	138514		12/22/04 1308	kdL
	alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	138514		12/22/04 1308	kdL
	gamma-Chlordane	0.098	U		0.017	0.098	1.00000	ug/L	138514		12/22/04 1308	kdL
	Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	138514		12/22/04 1308	kdL
	Endrin ketone	0.098	U		0.028	0.098	1.00000	ug/L	138514		12/22/04 1308	kdL
	Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	138514		12/22/04 1308	kdL

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS					Date: 12/30/2004					
CUSTOMER: NKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: NTAmw-117-GW			Laboratory Sample ID: 232876-3									
Date Sampled.....: 12/16/2004			Date Received.....: 12/17/2004									
Time Sampled.....: 13:35			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	0.59	U		0.18	0.59	1.00000	ug/L	138439		12/22/04 2009	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	138439		12/22/04 2009	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	138439		12/22/04 2009	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	138439		12/22/04 2009	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	138439		12/22/04 2009	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	138439		12/22/04 2009	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	138439		12/22/04 2009	bjt

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS						Date: 12/29/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCS			ATTN: Eric Ellis						
Customer Sample ID: NTAmw-117-GW			Laboratory Sample ID: 232876-3									
Date Sampled.....: 12/16/2004			Date Received.....: 12/17/2004									
Time Sampled.....: 13:35			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
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	138291		12/28/04 1452	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	138291		12/28/04 1452	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	138291		12/28/04 1452	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	138291		12/28/04 1452	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	138291		12/28/04 1452	jdj

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS						Date: 12/29/2004				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS			ATTN: EPTC ELLIS						
Customer Sample ID: NTAmw-117-GW			Laboratory Sample ID: 232876-3									
Date Sampled: 12/16/2004			Date Received: 12/17/2004									
Time Sampled: 13:35			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	138291		12/28/04 1452	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	138291		12/28/04 1452	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232876

Date: 01/05/2005

CUSTOMER: MCM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGGS

ATTN: Eric Ellis

Customer Sample ID: NTAMw-117-GW
 Date Sampled.....: 12/16/2004
 Time Sampled.....: 13:35
 Sample Matrix.....: Water

Laboratory Sample ID: 232876-3
 Date Received.....: 12/17/2004
 Time Received.....: 10:00

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	4.9	U		0.34	4.9	1.00000	ug/L	138792		12/27/04 0957	glr
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.42	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.34	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	138792		12/27/04 0957	glr
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	138792		12/27/04 0957	glr
	Hexachloroethane, Low Level Water	4.9	U		0.59	4.9	1.00000	ug/L	138792		12/27/04 0957	glr
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.097	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	138792		12/27/04 0957	glr
	Nitrobenzene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	138792		12/27/04 0957	glr
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	138792		12/27/04 0957	glr
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	2,4-Dimethylphenol, Low Level Water	9.7	U		1.3	9.7	1.00000	ug/L	138792		12/27/04 0957	glr
	Hexachlorobutadiene, Low Level Water	4.9	U		0.62	4.9	1.00000	ug/L	138792		12/27/04 0957	glr
	Naphthalene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	138792		12/27/04 0957	glr
	2,4-Dichlorophenol, Low Level Water	9.7	U		0.88	9.7	1.00000	ug/L	138792		12/27/04 0957	glr
	4-Chloroaniline, Low Level Water	9.7	U		2.7	9.7	1.00000	ug/L	138792		12/27/04 0957	glr
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.20	4.9	1.00000	ug/L	138792		12/27/04 0957	glr
	2,4,5-Trichlorophenol, Low Level Water	9.7	U		1.4	9.7	1.00000	ug/L	138792		12/27/04 0957	glr
	Hexachlorocyclopentadiene, Low Level Water	19	U		0.63	19	1.00000	ug/L	138792		12/27/04 0957	glr
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	138792		12/27/04 0957	glr
	2-Nitroaniline, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	138792		12/27/04 0957	glr
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	138792		12/27/04 0957	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232876

Date: 01/05/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RYAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-117-GW
 Date Sampled.....: 12/16/2004
 Time Sampled.....: 13:35
 Sample Matrix.....: Water

Laboratory Sample ID: 232876-3
 Date Received.....: 12/17/2004
 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	9.7	U		2.3	9.7	1.00000	ug/L	138792		12/27/04 0957	glr
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	138792		12/27/04 0957	glr
	2-Nitrophenol, Low Level Water	9.7	U		0.80	9.7	1.00000	ug/L	138792		12/27/04 0957	glr
	3-Nitroaniline, Low Level Water	9.7	U		2.0	9.7	1.00000	ug/L	138792		12/27/04 0957	glr
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	2,4-Dinitrophenol, Low Level Water	19	U		3.2	19	1.00000	ug/L	138792		12/27/04 0957	glr
	Acenaphthylene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	138792		12/27/04 0957	glr
	2,4-Dinitrotoluene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	138792		12/27/04 0957	glr
	Acenaphthene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	138792		12/27/04 0957	glr
	Dibenzofuran, Low Level Water	1.9	U		0.13	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	4-Nitrophenol, Low Level Water	19	U		3.6	19	1.00000	ug/L	138792		12/27/04 0957	glr
	Fluorene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	138792		12/27/04 0957	glr
	4-Nitroaniline, Low Level Water	9.7	U		2.2	9.7	1.00000	ug/L	138792		12/27/04 0957	glr
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.18	4.9	1.00000	ug/L	138792		12/27/04 0957	glr
	Hexachlorobenzene, Low Level Water	0.49	U		0.094	0.49	1.00000	ug/L	138792		12/27/04 0957	glr
	Diethyl phthalate, Low Level Water	1.9	U		0.15	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.73	4.9	1.00000	ug/L	138792		12/27/04 0957	glr
	Pentachlorophenol, Low Level Water	9.7	U		1.7	9.7	1.00000	ug/L	138792		12/27/04 0957	glr
	n-Nitrosodiphenylamine, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	138792		12/27/04 0957	glr
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	138792		12/27/04 0957	glr
	Phenanthrene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	138792		12/27/04 0957	glr
	Anthracene, Low Level Water	0.97	U		0.15	0.97	1.00000	ug/L	138792		12/27/04 0957	glr
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	138792		12/27/04 0957	glr
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	138792		12/27/04 0957	glr
	Fluoranthene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	138792		12/27/04 0957	glr
	Pyrene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	138792		12/27/04 0957	glr
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.38	1.9	1.00000	ug/L	138792		12/27/04 0957	glr
	Benzo(a)anthracene, Low Level Water	0.19	U		0.048	0.19	1.00000	ug/L	138792		12/27/04 0957	glr
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	138792		12/27/04 0957	glr

* In Description = Dry Wgt.

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Job Number: 232876		LABORATORY TEST RESULTS						Date: 01/05/2005				
CUSTOMER: HDM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: NTAmw-117-GW Date Sampled.....: 12/16/2004 Time Sampled.....: 13:35 Sample Matrix.....: Water			Laboratory Sample ID: 232876-3 Date Received.....: 12/17/2004 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	138792		12/27/04 0957	glr
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	138792		12/27/04 0957	glr
	Di-n-octyl phthalate, Low Level Water	9.7	U		2.4	9.7	1.00000	ug/L	138792		12/27/04 0957	glr
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.065	0.39	1.00000	ug/L	138792		12/27/04 0957	glr
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.070	0.39	1.00000	ug/L	138792		12/27/04 0957	glr
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	138792		12/27/04 0957	glr
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.083	0.39	1.00000	ug/L	138792		12/27/04 0957	glr
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	138792		12/27/04 0957	glr
	Benzo(ghi)perylene, Low Level Water	0.97	U		0.18	0.97	1.00000	ug/L	138792		12/27/04 0957	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232876

Date: 01/03/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RYAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: NTAw-117-GW
 Date Sampled.....: 12/16/2004
 Time Sampled.....: 13:35
 Sample Matrix.....: Water

Laboratory Sample ID: 232876-3
 Date Received.....: 12/17/2004
 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	0.41	U		0.091	0.41	1.00000	ug/L	138466		12/21/04 0733	san
	RDX	0.27	U		0.085	0.27	1.00000	ug/L	138466		12/21/04 0733	san
	1,3,5-Trinitrobenzene	0.27	U		0.077	0.27	1.00000	ug/L	138466		12/21/04 0733	san
	1,3-Dinitrobenzene	0.27	U		0.073	0.27	1.00000	ug/L	138466		12/21/04 0733	san
	Nitrobenzene	0.21	U		0.059	0.21	1.00000	ug/L	138466		12/21/04 0733	san
	2,4,6-TNT	0.33	U		0.10	0.33	1.00000	ug/L	138466		12/21/04 0733	san
	Tetryl	1.0	U		0.22	1.0	1.00000	ug/L	138466		12/21/04 0733	san
	2,4-Dinitrotoluene	0.48	U		0.16	0.48	1.00000	ug/L	138466		12/21/04 0733	san
	2,6-Dinitrotoluene	0.57	U		0.19	0.57	1.00000	ug/L	138466		12/21/04 0733	san
	2-Amino-4,6-Dinitrotoluene	0.48	U		0.16	0.48	1.00000	ug/L	138466		12/21/04 0733	san
	4-Amino-2,6-Dinitrotoluene	0.44	U		0.15	0.44	1.00000	ug/L	138466		12/21/04 0733	san
	2-Nitrotoluene	0.41	U		0.12	0.41	1.00000	ug/L	138466		12/21/04 0733	san
	4-Nitrotoluene	0.41	U		0.13	0.41	1.00000	ug/L	138466		12/21/04 0733	san
	3-Nitrotoluene	0.41	U		0.13	0.41	1.00000	ug/L	138466		12/21/04 0733	san
8332M	NG/PETM by 8332M (HPLC)											
	Nitroglycerine	1.3	U	*	0.20	1.3	1.00000	ug/L	138479		01/02/05 0036	san

* In Description = Dry Wgt.

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STL CHICAGO

Client Sample ID: NTAmw-117-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L170394-003 Work Order #...: G1EFM1AC Matrix.....: WATER
Date Sampled...: 12/16/04 13:35 Date Received...: 12/17/04
Prep Date.....: 12/27/04 Analysis Date...: 12/27/04
Prep Batch #...: 4362276
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: NTAmw-117-GW

General Chemistry

Lot-Sample #...: G4L170394-003
Date Sampled...: 12/16/04 13:35

Work Order #...: G1EFM
Date Received...: 12/17/04

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
		Dilution Factor: 1		Initial Wgt/Vol: 100 mL	Final Wgt/Vol...: 40 mL	
		MDL.....: 0.12				

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LABORATORY TEST RESULTS

Job Number: 232723

Date: 12/28/2004

CUSTOMER: HMM Engineers, Inc.

PROJECT: USACE RVAAP TA AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-118-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-1
 Date Received.....: 12/14/2004
 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	137250		12/16/04 1059	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	137533		12/16/04 1428	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	137522		12/17/04 0835	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	137277		12/16/04 1215	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	137472		12/17/04 1458	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	130	B		24	150	1	ug/L	138130		12/27/04 1430	Lmr
	Barium	35			1.3	10	1	ug/L	138130		12/27/04 1430	Lmr
	Beryllium	2.0	U		0.25	2.0	1	ug/L	138130		12/27/04 1430	Lmr
	Cadmium	2.0	U		0.25	2.0	1	ug/L	138130		12/27/04 1430	Lmr
	Calcium	65000			9.5	100	1	ug/L	138130		12/27/04 1430	Lmr
	Chromium	83			1.1	10	1	ug/L	138130		12/27/04 1430	Lmr
	Cobalt	2.0	B		0.80	5.0	1	ug/L	138130		12/27/04 1430	Lmr
	Copper	3.5	B		2.2	10	1	ug/L	138130		12/27/04 1430	Lmr
	Iron	350			38	120	1	ug/L	138130		12/27/04 1430	Lmr
	Magnesium	30000			8.1	100	1	ug/L	138130		12/27/04 1430	Lmr
	Manganese	150			0.41	10	1	ug/L	138130		12/27/04 1430	Lmr
	Nickel	62			1.0	10	1	ug/L	138130		12/27/04 1430	Lmr
	Potassium	1600			66	500	1	ug/L	138130		12/27/04 1430	Lmr

* 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 ADCS

ATTN: Eric Ellis

Customer Sample ID: NTAm-118-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-1
 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
	Selenium	15	U		3.0	15	1	ug/L	138130		12/27/04 1430	lmr
	Silver	10	U		0.72	10	1	ug/L	138130		12/27/04 1430	lmr
	Sodium	11000			490	1500	1	ug/L	138130		12/27/04 1430	lmr
	Vanadium	10	U		1.0	10	1	ug/L	138130		12/27/04 1430	lmr
	Zinc	13	B		1.6	30	1	ug/L	138130		12/27/04 1430	lmr

* 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: NTAmw-118-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-1
 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 0437	kdL
	beta-BHC	0.096	U		0.027	0.096	1.00000	ug/L	138164		12/21/04 0437	kdL
	delta-BHC	0.096	U		0.024	0.096	1.00000	ug/L	138164		12/21/04 0437	kdL
	gamma-BHC (Lindane)	0.14	U		0.040	0.14	1.00000	ug/L	138164		12/21/04 0437	kdL
	Heptachlor	0.14	U		0.039	0.14	1.00000	ug/L	138164		12/21/04 0437	kdL
	Aldrin	0.096	U		0.027	0.096	1.00000	ug/L	138164		12/21/04 0437	kdL
	Heptachlor epoxide	0.14	U		0.035	0.14	1.00000	ug/L	138164		12/21/04 0437	kdL
	Endosulfan I	0.096	U		0.020	0.096	1.00000	ug/L	138164		12/21/04 0437	kdL
	Dieldrin	0.096	U		0.017	0.096	1.00000	ug/L	138164		12/21/04 0437	kdL
	4,4'-DDE	0.096	U		0.022	0.096	1.00000	ug/L	138164		12/21/04 0437	kdL
	Endrin	0.096	U		0.016	0.096	1.00000	ug/L	138164		12/21/04 0437	kdL
	Endosulfan II	0.14	U		0.040	0.14	1.00000	ug/L	138164		12/21/04 0437	kdL
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	138164		12/21/04 0437	kdL
	Endosulfan sulfate	0.14	U		0.042	0.14	1.00000	ug/L	138164		12/21/04 0437	kdL
	4,4'-DDT	0.14	U		0.047	0.14	1.00000	ug/L	138164		12/21/04 0437	kdL
	Methoxychlor	0.58	U		0.16	0.58	1.00000	ug/L	138164		12/21/04 0437	kdL
	alpha-Chlordane	0.048	U		0.015	0.048	1.00000	ug/L	138164		12/21/04 0437	kdL
	gamma-Chlordane	0.096	U		0.016	0.096	1.00000	ug/L	138164		12/21/04 0437	kdL
	Endrin aldehyde	0.14	U		0.034	0.14	1.00000	ug/L	138164		12/21/04 0437	kdL
	Endrin ketone	0.096	U		0.028	0.096	1.00000	ug/L	138164		12/21/04 0437	kdL
	Toxaphene	0.48	U		0.13	0.48	1.00000	ug/L	138164		12/21/04 0437	kdL

* 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 AGCS			ATTN: Eric Ellis						
Customer Sample ID: NTAMW-118-GW Date Sampled.....: 12/13/2004 Time Sampled.....: 11:30 Sample Matrix.....: Water			Laboratory Sample ID: 232723-1 Date Received.....: 12/14/2004 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	HDL	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 1628	pjs
	Aroclor 1221	1.2	U		0.40	1.2	1.00000	ug/L	138210		12/20/04 1628	pjs
	Aroclor 1232	1.2	U		0.34	1.2	1.00000	ug/L	138210		12/20/04 1628	pjs
	Aroclor 1242	1.2	U		0.41	1.2	1.00000	ug/L	138210		12/20/04 1628	pjs
	Aroclor 1248	1.4	U		0.46	1.4	1.00000	ug/L	138210		12/20/04 1628	pjs
	Aroclor 1254	1.2	U		0.34	1.2	1.00000	ug/L	138210		12/20/04 1628	pjs
	Aroclor 1260	0.58	U		0.16	0.58	1.00000	ug/L	138210		12/20/04 1628	pjs

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232723

Date: 12/22/2004

CUSTOMER: NKM Engineers, Inc.

PROJECT: USACE RMAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAmw-118-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-1
 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
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Acetone	10	U		1.8	10	1.00000	ug/L	137580		12/19/04 0234	ema
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	137580		12/19/04 0234	ema
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	137580		12/19/04 0234	ema
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	137580		12/19/04 0234	ema
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	137580		12/19/04 0234	ema

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 232723

Date: 12/22/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-118-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-1
 Date Received.....: 12/14/2004
 Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	QI FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	1.0	U	0.060	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	1,2-Dibromoethane (EDB)	1.0	U	0.13	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Chlorobenzene	1.0	U	0.080	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Ethylbenzene	1.0	U	0.070	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	m&p-Xylenes	2.0	U	0.18	2.0	1.00000	ug/L	137580		12/19/04 0234	ema
	o-Xylene	1.0	U	0.080	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Styrene	1.0	U	0.13	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Bromoform	1.0	U	0.11	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	1,2-Dichloroethene (total)	1.0	U	0.23	1.0	1.00000	ug/L	137580		12/19/04 0234	ema
	Xylenes (total)	1.0	U	0.28	1.0	1.00000	ug/L	137580		12/19/04 0234	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 RVAAP 14 AGCS

ATTN: EPTE ELLIS

Customer Sample ID: NTAmw-118-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-1
 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	Semivolatle Organics											
	Phenol, Low Level Water	5.0	U		0.35	5.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	138204		12/20/04 0336	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.50	U		0.081	0.50	1.00000	ug/L	138204		12/20/04 0336	dpk
	Hexachloroethane, Low Level Water	5.0	U		0.61	5.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.10	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	2-Chlorophenol, Low Level Water	5.0	U		0.12	5.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	138204		12/20/04 0336	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	138204		12/20/04 0336	dpk
	Hexachlorobutadiene, Low Level Water	5.0	U		0.64	5.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.91	10	1.00000	ug/L	138204		12/20/04 0336	dpk
	4-Chloroaniline, Low Level Water	10	U		2.8	10	1.00000	ug/L	138204		12/20/04 0336	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.0	U		0.21	5.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	138204		12/20/04 0336	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.65	20	1.00000	ug/L	138204		12/20/04 0336	dpk
	2-Methylnaphthalene, Low Level Water	0.50	U		0.13	0.50	1.00000	ug/L	138204		12/20/04 0336	dpk
	2-Nitroaniline, Low Level Water	5.0	U	*	0.22	5.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	138204		12/20/04 0336	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 RVAMP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: NTAmw-118-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-1
 Date Received.....: 12/14/2004
 Time Received.....: 09:00

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	10	U		2.4	10	1.00000	ug/L	138204		12/20/04 0336	dpk
	2,6-Dinitrotoluene, Low Level Water	0.50	U		0.11	0.50	1.00000	ug/L	138204		12/20/04 0336	dpk
	2-Nitrophenol, Low Level Water	10	U		0.82	10	1.00000	ug/L	138204		12/20/04 0336	dpk
	3-Nitroaniline, Low Level Water	10	U		2.1	10	1.00000	ug/L	138204		12/20/04 0336	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.3	20	1.00000	ug/L	138204		12/20/04 0336	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	4-Nitrophenol, Low Level Water	20	U		3.7	20	1.00000	ug/L	138204		12/20/04 0336	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	4-Nitroaniline, Low Level Water	10	U		2.3	10	1.00000	ug/L	138204		12/20/04 0336	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.0	U		0.19	5.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Hexachlorobenzene, Low Level Water	0.50	U		0.097	0.50	1.00000	ug/L	138204		12/20/04 0336	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.0	U		0.75	5.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Pentachlorophenol, Low Level Water	10	U		1.7	10	1.00000	ug/L	138204		12/20/04 0336	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	138204		12/20/04 0336	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Carbazole, Low Level Water	5.0	U		0.29	5.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Di-n-butyl phthalate, Low Level Water	5.0	U		0.36	5.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.39	2.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.049	0.20	1.00000	ug/L	138204		12/20/04 0336	dpk
	Chrysene, Low Level Water	0.50	U		0.045	0.50	1.00000	ug/L	138204		12/20/04 0336	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 ADDS

ATTN: Eric Blitts

Customer Sample ID: NTAMM-118-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-1
 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
	3,3-Dichlorobenzidine, Low Level Water	5.0	U		0.72	5.0	1.00000	ug/L	138204		12/20/04 0336	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.9	15	1.00000	ug/L	138204		12/20/04 0336	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.5	10	1.00000	ug/L	138204		12/20/04 0336	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40	U		0.067	0.40	1.00000	ug/L	138204		12/20/04 0336	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40	U		0.072	0.40	1.00000	ug/L	138204		12/20/04 0336	dpk
	Benzo(a)pyrene, Low Level Water	0.40	U		0.084	0.40	1.00000	ug/L	138204		12/20/04 0336	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40	U		0.086	0.40	1.00000	ug/L	138204		12/20/04 0336	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40	U		0.13	0.40	1.00000	ug/L	138204		12/20/04 0336	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.19	1.0	1.00000	ug/L	138204		12/20/04 0336	dpk

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232723

Date: 12/28/2004

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 1A AOCs

ATTN: Eric Ellis

Customer Sample ID: NTAm-118-GW
 Date Sampled.....: 12/13/2004
 Time Sampled.....: 11:30
 Sample Matrix.....: Water

Laboratory Sample ID: 232723-1
 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
8330	Explosives by 8330 (HPLC)											
	HMX	0.51	U		0.11	0.51	1.00000	ug/L	138110		12/17/04 1240	san
	RDX	0.33	U		0.11	0.33	1.00000	ug/L	138110		12/17/04 1240	san
	1,3,5-Trinitrobenzene	0.33	U		0.096	0.33	1.00000	ug/L	138110		12/17/04 1240	san
	1,3-Dinitrobenzene	0.33	U		0.091	0.33	1.00000	ug/L	138110		12/17/04 1240	san
	Nitrobenzene	0.26	U		0.073	0.26	1.00000	ug/L	138110		12/17/04 1240	san
	2,4,6-TNT	0.41	U		0.13	0.41	1.00000	ug/L	138110		12/17/04 1240	san
	Tetryl	1.3	U		0.27	1.3	1.00000	ug/L	138110		12/17/04 1240	san
	2,4-Dinitrotoluene	0.59	U		0.20	0.59	1.00000	ug/L	138110		12/17/04 1240	san
	2,6-Dinitrotoluene	0.71	U		0.24	0.71	1.00000	ug/L	138110		12/17/04 1240	san
	2-Amino-4,6-Dinitrotoluene	0.59	U		0.20	0.59	1.00000	ug/L	138110		12/17/04 1240	san
	4-Amino-2,6-Dinitrotoluene	0.54	U		0.19	0.54	1.00000	ug/L	138110		12/17/04 1240	san
	2-Nitrotoluene	0.51	U		0.15	0.51	1.00000	ug/L	138110		12/17/04 1240	san
	4-Nitrotoluene	0.51	U		0.16	0.51	1.00000	ug/L	138110		12/17/04 1240	san
	3-Nitrotoluene	0.51	U		0.17	0.51	1.00000	ug/L	138110		12/17/04 1240	san
8332M	NG/PETN by 8332M (HPLC)											
	Nitroglycerine	1.6	U		0.25	1.6	1.00000	ug/L	138124		12/21/04 0923	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: NTAmw-118-GW

Trace Level Organic Compounds

Lot-Sample #...: G4L140252-001 Work Order #...: G01TF1AC
Date Sampled...: 12/13/04 11:30 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

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: NTAmw-118-GW

General Chemistry

Lot-Sample #...: G4L140252-001
Date Sampled...: 12/13/04

Work Order #...: G01TF
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: 233168		LABORATORY TEST RESULTS						Date:01/24/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric ELLis					
Customer Sample ID: LL5mw-001-GW Date Sampled.....: 01/04/2005 Time Sampled.....: 11:15 Sample Matrix.....: Water			Laboratory Sample ID: 233168-1 Date Received.....: 01/05/2005 Time Received.....: 10:35									
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	139240		01/12/05 1041	kd	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168

Date: 01/19/2005

CUSTOMER: NKM Engineers, Inc.

PROJECT: USACE RVMAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: LL5mw-001-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 11:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-1
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	4.1	B		2.5	7.5	1	ug/L	139271		01/11/05 1241	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	139527		01/13/05 1411	daj
7421	Lead (GFAA) Lead	1.2	B		0.79	3.0	1	ug/L	139249		01/11/05 1625	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	139367		01/12/05 2029	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	138921		01/06/05 1430	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	139714		01/18/05 1036	tds
	Barium	50			1.3	10	1	ug/L	139714		01/18/05 1036	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	139714		01/18/05 1036	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	139714		01/18/05 1036	tds
	Calcium	58000			9.5	100	1	ug/L	139714		01/18/05 1036	tds
	Chromium	10	U		1.1	10	1	ug/L	139714		01/18/05 1036	tds
	Cobalt	0.86	B		0.80	5.0	1	ug/L	139714		01/18/05 1036	tds
	Copper	10	U		2.2	10	1	ug/L	139714		01/18/05 1036	tds
	Iron	120	U		38	120	1	ug/L	139710		01/18/05 1624	tds
	Magnesium	23000			8.1	100	1	ug/L	139714		01/18/05 1036	tds
	Manganese	840			0.41	10	1	ug/L	139714		01/18/05 1036	tds
	Nickel	2.2	B		1.0	10	1	ug/L	139714		01/18/05 1036	tds
	Potassium	3800			66	500	1	ug/L	139714		01/18/05 1036	tds

* In Description = Dry Wgt.

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Job Number: 233168 LABORATORY TEST RESULTS Date: 01/19/2005

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

Customer Sample ID: LL5mw-001-GW Laboratory Sample ID: 233168-1
 Date Sampled.....: 01/04/2005 Date Received.....: 01/05/2005
 Time Sampled.....: 11:15 Time Received.....: 10:35
 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	139710		01/18/05 1624	tds
	Silver	10		U	0.72	10	1	ug/L	139714		01/18/05 1036	tds
	Sodium	6700			490	1500	1	ug/L	139710		01/18/05 1624	tds
	Vanadium	10		U	1.0	10	1	ug/L	139714		01/18/05 1036	tds
	Zinc	21		B	1.6	30	1	ug/L	139714		01/18/05 1036	tds

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS						Date: 01/18/2005				
CUSTOMER: HKN Engineers, Inc.			PROJECT: USACE RYAAP 14 ADCS				ATTN: Eric ELLIS					
Customer Sample ID: LL5mw-001-GW Date Sampled.....: 01/04/2005 Time Sampled.....: 11:15 Sample Matrix.....: Water			Laboratory Sample ID: 233168-1 Date Received.....: 01/05/2005 Time Received.....: 10:35									
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	139633		01/08/05 0456	kdL
	beta-BHC	0.094	U		0.026	0.094	1.00000	ug/L	139633		01/08/05 0456	kdL
	delta-BHC	0.094	U		0.024	0.094	1.00000	ug/L	139633		01/08/05 0456	kdL
	gamma-BHC (Lindane)	0.14	U		0.040	0.14	1.00000	ug/L	139633		01/08/05 0456	kdL
	Heptachlor	0.14	U		0.039	0.14	1.00000	ug/L	139633		01/08/05 0456	kdL
	Aldrin	0.094	U		0.026	0.094	1.00000	ug/L	139633		01/08/05 0456	kdL
	Heptachlor epoxide	0.14	U		0.034	0.14	1.00000	ug/L	139633		01/08/05 0456	kdL
	Endosulfan I	0.094	U		0.020	0.094	1.00000	ug/L	139633		01/08/05 0456	kdL
	Dieldrin	0.094	U		0.017	0.094	1.00000	ug/L	139633		01/08/05 0456	kdL
	4,4'-DDE	0.094	U		0.022	0.094	1.00000	ug/L	139633		01/08/05 0456	kdL
	Endrin	0.094	U		0.016	0.094	1.00000	ug/L	139633		01/08/05 0456	kdL
	Endosulfan II	0.14	U		0.040	0.14	1.00000	ug/L	139633		01/08/05 0456	kdL
	4,4'-DDD	0.10	U		0.034	0.10	1.00000	ug/L	139633		01/08/05 0456	kdL
	Endosulfan sulfate	0.14	U		0.042	0.14	1.00000	ug/L	139633		01/08/05 0456	kdL
	4,4'-DDT	0.14	U		0.046	0.14	1.00000	ug/L	139633		01/08/05 0456	kdL
	Methoxychlor	0.57	U		0.16	0.57	1.00000	ug/L	139633		01/08/05 0456	kdL
	alpha-Chlordane	0.047	U		0.015	0.047	1.00000	ug/L	139633		01/08/05 0456	kdL
	gamma-Chlordane	0.094	U		0.016	0.094	1.00000	ug/L	139633		01/08/05 0456	kdL
	Endrin aldehyde	0.14	U		0.033	0.14	1.00000	ug/L	139633		01/08/05 0456	kdL
	Endrin ketone	0.094	U		0.027	0.094	1.00000	ug/L	139633		01/08/05 0456	kdL
	Toxaphene	0.47	U		0.13	0.47	1.00000	ug/L	139633		01/08/05 0456	kdL

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS						Date: 01/13/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AOCs				ATTN: Eric Ellis						
Customer Sample ID: LL5mw-001-GW Date Sampled.....: 01/04/2005 Time Sampled.....: 11:15 Sample Matrix.....: Water			Laboratory Sample ID: 233168-1 Date Received.....: 01/05/2005 Time Received.....: 10:35										
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RI	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8082	PCB Analysis												
	Aroclor 1016	0.57	U		0.17	0.57	1.00000	ug/L	139331		01/10/05 1050	bjt	
	Aroclor 1221	1.2	U		0.40	1.2	1.00000	ug/L	139331		01/10/05 1050	bjt	
	Aroclor 1232	1.2	U		0.33	1.2	1.00000	ug/L	139331		01/10/05 1050	bjt	
	Aroclor 1242	1.2	U		0.41	1.2	1.00000	ug/L	139331		01/10/05 1050	bjt	
	Aroclor 1248	1.4	U		0.45	1.4	1.00000	ug/L	139331		01/10/05 1050	bjt	
	Aroclor 1254	1.2	U		0.33	1.2	1.00000	ug/L	139331		01/10/05 1050	bjt	
	Aroclor 1260	0.57	U		0.16	0.57	1.00000	ug/L	139331		01/10/05 1050	bjt	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168

Date: 01/17/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5MW-001-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 11:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-1
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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 2037	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	139434		01/07/05 2037	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	139434		01/07/05 2037	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	139434		01/07/05 2037	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	139434		01/07/05 2037	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	139434		01/07/05 2037	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168

Date: 01/17/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-001-6W
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 11:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-1
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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 2037	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	139434		01/07/05 2037	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168 Date: 01/18/2005

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

Customer Sample ID: LLSmw-001-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 11:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-1
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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	139612		01/14/05 1144	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9		U	0.29	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9		U	0.42	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9		U	0.32	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9		U	0.34	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	Benzyl alcohol, Low Level Water	19		U	2.1	19	1.00000	ug/L	139612		01/14/05 1144	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9		U	0.25	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9		U	0.27	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49		U	0.079	0.49	1.00000	ug/L	139612		01/14/05 1144	dpk
	Hexachloroethane, Low Level Water	4.9		U	0.59	4.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9		U	0.097	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	2-Chlorophenol, Low Level Water	4.9		U	0.12	4.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	Nitrobenzene, Low Level Water	0.97		U	0.16	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9		U	0.30	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9		U	0.33	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	Benzoic acid, Low Level Water	19		U	2.9	19	1.00000	ug/L	139612		01/14/05 1144	dpk
	Isophorone, Low Level Water	1.9		U	0.25	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	2,4-Dimethylphenol, Low Level Water	9.7		U	1.3	9.7	1.00000	ug/L	139612		01/14/05 1144	dpk
	Hexachlorobutadiene, Low Level Water	4.9		U	0.62	4.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	Naphthalene, Low Level Water	0.97		U	0.16	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk
	2,4-Dichlorophenol, Low Level Water	9.7		U	0.88	9.7	1.00000	ug/L	139612		01/14/05 1144	dpk
	4-Chloroaniline, Low Level Water	9.7		U	2.7	9.7	1.00000	ug/L	139612		01/14/05 1144	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9		U	0.20	4.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.7		U	1.4	9.7	1.00000	ug/L	139612		01/14/05 1144	dpk
	Hexachlorocyclopentadiene, Low Level Water	19		U	0.63	19	1.00000	ug/L	139612		01/14/05 1144	dpk
	2-Methylnaphthalene, Low Level Water	0.49		U	0.13	0.49	1.00000	ug/L	139612		01/14/05 1144	dpk
	2-Nitroaniline, Low Level Water	4.9		U	0.21	4.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	2-Chloronaphthalene, Low Level Water	1.9		U	0.25	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS											
Job Number: 233168				Date: 01/18/2005							
CUSTOMER: MKM Engineers, Inc.				PROJECT: USAGE RWAAP 14 ADDS				ATTN: Eric Ellis			
Customer Sample ID: LL5MM-001-GW				Laboratory Sample ID: 233168-1							
Date Sampled.....: 01/04/2005				Date Received.....: 01/05/2005							
Time Sampled.....: 11:15				Time Received.....: 10:35							
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	139612		01/14/05 1144	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U	0.11	0.49	1.00000	ug/L	139612		01/14/05 1144	dpk
	2-Nitrophenol, Low Level Water	9.7	U	0.80	9.7	1.00000	ug/L	139612		01/14/05 1144	dpk
	3-Nitroaniline, Low Level Water	9.7	U	2.0	9.7	1.00000	ug/L	139612		01/14/05 1144	dpk
	Dimethyl phthalate, Low Level Water	1.9	U	0.20	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	2,4-Dinitrophenol, Low Level Water	19	U	3.2	19	1.00000	ug/L	139612		01/14/05 1144	dpk
	Acenaphthylene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk
	2,4-Dinitrotoluene, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk
	Acenaphthene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk
	Dibenzofuran, Low Level Water	1.9	U	0.13	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	4-Nitrophenol, Low Level Water	19	U	3.6	19	1.00000	ug/L	139612		01/14/05 1144	dpk
	Fluorene, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk
	4-Nitroaniline, Low Level Water	9.7	U	2.2	9.7	1.00000	ug/L	139612		01/14/05 1144	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U	0.18	4.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	Hexachlorobenzene, Low Level Water	0.49	U	0.094	0.49	1.00000	ug/L	139612		01/14/05 1144	dpk
	Diethyl phthalate, Low Level Water	1.9	U	0.15	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U	0.73	4.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	Pentachlorophenol, Low Level Water	9.7	U	1.7	9.7	1.00000	ug/L	139612		01/14/05 1144	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.97	U	0.13	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U	2.3	19	1.00000	ug/L	139612		01/14/05 1144	dpk
	Phenanthrene, Low Level Water	0.97	U	0.14	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk
	Anthracene, Low Level Water	0.97	U	0.15	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk
	Carbazole, Low Level Water	4.9	U	0.28	4.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U	0.35	4.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	Fluoranthene, Low Level Water	0.97	U	0.14	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk
	Pyrene, Low Level Water	0.97	U	0.12	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U	0.38	1.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U	0.048	0.19	1.00000	ug/L	139612		01/14/05 1144	dpk
	Chrysene, Low Level Water	0.49	U	0.044	0.49	1.00000	ug/L	139612		01/14/05 1144	dpk

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS						Date: 01/18/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADDS				ATTN: Eric Ellis					
Customer Sample ID: LLSmw-001-GW			Laboratory Sample ID: 233168-1									
Date Sampled.....: 01/04/2005			Date Received.....: 01/05/2005									
Time Sampled.....: 11:15			Time Received.....: 10:35									
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	4.9	U		0.70	4.9	1.00000	ug/L	139612		01/14/05 1144	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	139612		01/14/05 1144	dpk
	Di-n-octyl phthalate, Low Level Water	9.7	U		2.4	9.7	1.00000	ug/L	139612		01/14/05 1144	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.065	0.39	1.00000	ug/L	139612		01/14/05 1144	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.070	0.39	1.00000	ug/L	139612		01/14/05 1144	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	139612		01/14/05 1144	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.083	0.39	1.00000	ug/L	139612		01/14/05 1144	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	139612		01/14/05 1144	dpk
	Benzo(ghi)perylene, Low Level Water	0.97	U		0.18	0.97	1.00000	ug/L	139612		01/14/05 1144	dpk

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS						Date: 01/17/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellits					
Customer Sample ID: LL5mw-001-GW Date Sampled.....: 01/04/2005 Time Sampled.....: 11:15 Sample Matrix.....: Water			Laboratory Sample ID: 233168-1 Date Received.....: 01/05/2005 Time Received.....: 10:35									
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	139536		01/14/05 1759	san
	RDX	0.26		U	0.084	0.26	1.00000	ug/L	139536		01/14/05 1759	san
	1,3,5-Trinitrobenzene	0.26		U	0.076	0.26	1.00000	ug/L	139536		01/14/05 1759	san
	1,3-Dinitrobenzene	0.26		U	0.072	0.26	1.00000	ug/L	139536		01/14/05 1759	san
	Nitrobenzene	0.21		U	0.058	0.21	1.00000	ug/L	139536		01/14/05 1759	san
	2,4,6-TNT	0.33		U	0.10	0.33	1.00000	ug/L	139536		01/14/05 1759	san
	Tetryl	1.0		U	0.22	1.0	1.00000	ug/L	139536		01/14/05 1759	san
	2,4-Dinitrotoluene	0.47		U	0.16	0.47	1.00000	ug/L	139536		01/14/05 1759	san
	2,6-Dinitrotoluene	0.57		U	0.19	0.57	1.00000	ug/L	139536		01/14/05 1759	san
	2-Amino-4,6-Dinitrotoluene	0.47		U	0.16	0.47	1.00000	ug/L	139536		01/14/05 1759	san
	4-Amino-2,6-Dinitrotoluene	0.43		U	0.15	0.43	1.00000	ug/L	139536		01/14/05 1759	san
	2-Nitrotoluene	0.41		U	0.12	0.41	1.00000	ug/L	139536		01/14/05 1759	san
	4-Nitrotoluene	0.41		U	0.13	0.41	1.00000	ug/L	139536		01/14/05 1759	san
3-Nitrotoluene	0.41		U	0.13	0.41	1.00000	ug/L	139536		01/14/05 1759	san	
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.3		U	0.20	1.3	1.00000	ug/L	139539		01/13/05 2259	san	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LL5mw-001-GW

Trace Level Organic Compounds

Lot-Sample #....: G5A140208-001 Work Order #...: G2LNP1AC Matrix.....: WATER
Date Sampled...: 01/04/05 11:15 Date Received..: 01/05/05
Prep Date.....: 01/17/05 Analysis Date..: 01/19/05
Prep Batch #...: 5017486
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: LL5mw-001-GW

General Chemistry

Lot-Sample #...: G5A140208-001
Date Sampled...: 01/04/05

Work Order #...: G2LNP
Date Received...: 01/05/05

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	01/17-01/18/05	5017497
		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: 233574

Date: 02/02/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-002-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-1
 Date Received.....: 01/19/2005
 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)	0.20	U		0.057	0.20	1	mg/L	140461		01/27/05 1219	kd

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 02/01/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 1A AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-002-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-1
 Date Received.....: 01/19/2005
 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	140189		01/24/05 2155	daj
7060A	Arsenic (GFAA) Arsenic	2.3			0.51	2.0	1	ug/L	140084		01/20/05 1459	daj
7421	Lead (GFAA) Lead	3.0		U	0.79	3.0	1	ug/L	140165		01/20/05 1245	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	140088		01/21/05 0621	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	140548		01/27/05 1534	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150		U	24	150	1	ug/L	140532		01/27/05 1510	tds
	Barium	49			1.3	10	1	ug/L	140532		01/27/05 1510	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	140532		01/27/05 1510	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	140646		01/28/05 1442	tds
	Calcium	67000			9.5	100	1	ug/L	140532		01/27/05 1510	tds
	Chromium	10		U	1.1	10	1	ug/L	140532		01/27/05 1510	tds
	Cobalt	4.2		U	0.80	5.0	1	ug/L	140646		01/28/05 1442	tds
	Copper	10		U	2.2	10	1	ug/L	140532		01/27/05 1510	tds
	Iron	170			38	120	1	ug/L	140532		01/27/05 1510	tds
	Magnesium	21000			8.1	100	1	ug/L	140646		01/28/05 1442	tds
	Manganese	180			0.41	10	1	ug/L	140532		01/27/05 1510	tds
	Nickel	11			1.0	10	1	ug/L	140532		01/27/05 1510	tds
	Potassium	2200			66	500	1	ug/L	140532		01/27/05 1510	tds

* In Description = Dry Wgt.

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Job Number: 233574		LABORATORY TEST RESULTS						Date:02/01/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE: RWAMP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-002-GW			Laboratory Sample ID: 233574-1									
Date Sampled.....: 01/18/2005			Date Received.....: 01/19/2005									
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
	Selenium	15		U	3.0	15	1	ug/L	140532		01/27/05 1510	tds
	Silver	10		U	0.72	10	1	ug/L	140532		01/27/05 1510	tds
	Sodium	7600			490	1500	1	ug/L	140532		01/27/05 1510	tds
	Vanadium	10		U	1.0	10	1	ug/L	140532		01/27/05 1510	tds
	Zinc	3.4		B	1.6	30	1	ug/L	140532		01/27/05 1510	tds

* In Description = Dry Wgt.

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Job Number: 233574		LABORATORY TEST RESULTS						Date: 01/31/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric E. Lys						
Customer Sample ID: LL5mw-002-GW Date Sampled.....: 01/18/2005 Time Sampled.....: 11:00 Sample Matrix.....: Water			Laboratory Sample ID: 233574-1 Date Received.....: 01/19/2005 Time Received.....: 10:00										
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DISCUSSION	UNITS	BATCH	DT	DATE/TIME	TECH	
8082	PCB Analysis												
	Aroclor 1016	0.61	U		0.18	0.61	1.00000	ug/L	140661		01/21/05 1136	bjt	
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	140661		01/21/05 1136	bjt	
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	140661		01/21/05 1136	bjt	
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	140661		01/21/05 1136	bjt	
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	140661		01/21/05 1136	bjt	
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	140661		01/21/05 1136	bjt	
	Aroclor 1260	0.61	U		0.17	0.61	1.00000	ug/L	140661		01/21/05 1136	bjt	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 02/02/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE R/VARP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: LL5mw-002-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-1
 Date Received.....: 01/19/2005
 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 1559	jmp
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Acetone	10	U		1.8	10	1.00000	ug/L	140790		01/31/05 1559	jmp
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140790		01/31/05 1559	jmp
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140790		01/31/05 1559	jmp
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140790		01/31/05 1559	jmp
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140790		01/31/05 1559	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 02/02/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-002-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-1
 Date Received.....: 01/19/2005
 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 1559	jmp
	1,2-Dibromoethane (EDB)	1.0	U	0.13	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Chlorobenzene	1.0	U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Ethylbenzene	1.0	U	0.070	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	m&p-Xylenes	2.0	U	0.18	2.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	o-Xylene	1.0	U	0.080	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Styrene	1.0	U	0.13	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Bromoform	1.0	U	0.11	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	1,2-Dichloroethene (total)	1.0	U	0.23	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp
	Xylenes (total)	1.0	U	0.28	1.0	1.00000	ug/L	140790		01/31/05 1559	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS		Job Number: 233574		Date: 01/26/2005								
CUSTOMER: MKM Engineers, Inc.		PROJECT: USAGE RVAAP 14 AOCs		ATTN: ERIC ELLIS								
Customer Sample ID: LL5mw-002-GW		Laboratory Sample ID: 233574-1		Date Received: 01/19/2005								
Date Sampled: 01/18/2005		Date Received: 01/19/2005		Time Received: 10:00								
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
8270C	Semivolatle Organics											
	Phenol, Low Level Water	5.1	U		0.35	5.1	1.00000	ug/L	140334		01/21/05 1307	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	140334		01/21/05 1307	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.51	U		0.082	0.51	1.00000	ug/L	140334		01/21/05 1307	dpk
	Hexachloroethane, Low Level Water	5.1	U		0.62	5.1	1.00000	ug/L	140334		01/21/05 1307	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.10	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	2-Chlorophenol, Low Level Water	5.1	U		0.12	5.1	1.00000	ug/L	140334		01/21/05 1307	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	140334		01/21/05 1307	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	140334		01/21/05 1307	dpk
	Hexachlorobutadiene, Low Level Water	5.1	U		0.65	5.1	1.00000	ug/L	140334		01/21/05 1307	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.92	10	1.00000	ug/L	140334		01/21/05 1307	dpk
	4-Chloroaniline, Low Level Water	10	U		2.8	10	1.00000	ug/L	140334		01/21/05 1307	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.1	U		0.21	5.1	1.00000	ug/L	140334		01/21/05 1307	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	140334		01/21/05 1307	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	*	0.66	20	1.00000	ug/L	140334		01/21/05 1307	dpk
	2-Methylnaphthalene, Low Level Water	0.51	U		0.13	0.51	1.00000	ug/L	140334		01/21/05 1307	dpk
	2-Nitroaniline, Low Level Water	5.1	U		0.22	5.1	1.00000	ug/L	140334		01/21/05 1307	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233574								Date: 01/26/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis				
Customer Sample ID: LL5mw-002-GW Date Sampled.....: 01/18/2005 Time Sampled.....: 11:00 Sample Matrix.....: Water						Laboratory Sample ID: 233574-1 Date Received.....: 01/19/2005 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	140334		01/21/05 1307	dpk
	2,6-Dinitrotoluene, Low Level Water	0.51	U		0.11	0.51	1.00000	ug/L	140334		01/21/05 1307	dpk
	2-Nitrophenol, Low Level Water	10	U		0.83	10	1.00000	ug/L	140334		01/21/05 1307	dpk
	3-Nitroaniline, Low Level Water	10	U		2.1	10	1.00000	ug/L	140334		01/21/05 1307	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.3	20	1.00000	ug/L	140334		01/21/05 1307	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	4-Nitrophenol, Low Level Water	20	U		3.7	20	1.00000	ug/L	140334		01/21/05 1307	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	4-Nitroaniline, Low Level Water	10	U		2.3	10	1.00000	ug/L	140334		01/21/05 1307	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.1	U		0.19	5.1	1.00000	ug/L	140334		01/21/05 1307	dpk
	Hexachlorobenzene, Low Level Water	0.51	U		0.098	0.51	1.00000	ug/L	140334		01/21/05 1307	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.1	U		0.76	5.1	1.00000	ug/L	140334		01/21/05 1307	dpk
	Pentachlorophenol, Low Level Water	10	U		1.7	10	1.00000	ug/L	140334		01/21/05 1307	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	140334		01/21/05 1307	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	Carbazole, Low Level Water	5.1	U		0.29	5.1	1.00000	ug/L	140334		01/21/05 1307	dpk
	Di-n-butyl phthalate, Low Level Water	5.1	U		0.36	5.1	1.00000	ug/L	140334		01/21/05 1307	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.39	2.0	1.00000	ug/L	140334		01/21/05 1307	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.049	0.20	1.00000	ug/L	140334		01/21/05 1307	dpk
	Chrysene, Low Level Water	0.51	U		0.045	0.51	1.00000	ug/L	140334		01/21/05 1307	dpk

* In Description = Dry Wgt.

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Job Number: 233574		LABORATORY TEST RESULTS						Date: 01/26/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL5MW-002-GW Date Sampled: 01/18/2005 Time Sampled: 11:00 Sample Matrix: Water			Laboratory Sample ID: 233574-1 Date Received: 01/19/2005 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	140334		01/21/05 1307	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.9	15	1.00000	ug/L	140334		01/21/05 1307	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.5	10	1.00000	ug/L	140334		01/21/05 1307	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40	U		0.068	0.40	1.00000	ug/L	140334		01/21/05 1307	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40	U		0.073	0.40	1.00000	ug/L	140334		01/21/05 1307	dpk
	Benzo(a)pyrene, Low Level Water	0.40	U		0.085	0.40	1.00000	ug/L	140334		01/21/05 1307	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40	U		0.087	0.40	1.00000	ug/L	140334		01/21/05 1307	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40	U		0.13	0.40	1.00000	ug/L	140334		01/21/05 1307	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.19	1.0	1.00000	ug/L	140334		01/21/05 1307	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 01/31/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-002-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 11:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-1
 Date Received.....: 01/19/2005
 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	0.54	U		0.12	0.54	1.00000	ug/L	140653		01/26/05 0311	san
	RDX	0.35	U		0.11	0.35	1.00000	ug/L	140653		01/26/05 0311	san
	1,3,5-Trinitrobenzene	0.35	U		0.10	0.35	1.00000	ug/L	140653		01/26/05 0311	san
	1,3-Dinitrobenzene	0.35	U		0.095	0.35	1.00000	ug/L	140653		01/26/05 0311	san
	Nitrobenzene	0.28	U		0.076	0.28	1.00000	ug/L	140653		01/26/05 0311	san
	2,4,6-TNT	0.43	U		0.14	0.43	1.00000	ug/L	140653		01/26/05 0311	san
	Tetryl	1.4	U		0.28	1.4	1.00000	ug/L	140653		01/26/05 0311	san
	2,4-Dinitrotoluene	0.62	U		0.21	0.62	1.00000	ug/L	140653		01/26/05 0311	san
	2,6-Dinitrotoluene	0.75	U		0.25	0.75	1.00000	ug/L	140653		01/26/05 0311	san
	2-Amino-4,6-Dinitrotoluene	0.62	U		0.21	0.62	1.00000	ug/L	140653		01/26/05 0311	san
	4-Amino-2,6-Dinitrotoluene	0.57	U		0.20	0.57	1.00000	ug/L	140653		01/26/05 0311	san
	2-Nitrotoluene	0.54	U		0.16	0.54	1.00000	ug/L	140653		01/26/05 0311	san
	4-Nitrotoluene	0.54	U		0.17	0.54	1.00000	ug/L	140653		01/26/05 0311	san
	3-Nitrotoluene	0.54	U		0.18	0.54	1.00000	ug/L	140653		01/26/05 0311	san

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 02/02/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOC5

ATTN: Eric Ellis

Customer Sample ID: LL5mw-003-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-2
 Date Received.....: 01/19/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	D	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 1222	kd

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 02/01/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LLS^{mw}-003-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-2
 Date Received.....: 01/19/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	QC	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	140189		01/24/05 2236	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	140084		01/20/05 1816	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	140165		01/20/05 1337	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	140088		01/21/05 0711	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	140548		01/27/05 1536	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	140532		01/27/05 1516	tds
	Barium	18	U		1.3	10	1	ug/L	140532		01/27/05 1516	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	140532		01/27/05 1516	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	140646		01/28/05 1447	tds
	Calcium	100000	U		9.5	100	1	ug/L	140532		01/27/05 1516	tds
	Chromium	10	U		1.1	10	1	ug/L	140532		01/27/05 1516	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	140646		01/28/05 1447	tds
	Copper	2.7	B		2.2	10	1	ug/L	140532		01/27/05 1516	tds
	Iron	120	U		38	120	1	ug/L	140532		01/27/05 1516	tds
	Magnesium	23000	U		8.1	100	1	ug/L	140646		01/28/05 1447	tds
	Manganese	1.7	B		0.41	10	1	ug/L	140532		01/27/05 1516	tds
	Nickel	2.1	B		1.0	10	1	ug/L	140532		01/27/05 1516	tds
	Potassium	450	B		66	500	1	ug/L	140532		01/27/05 1516	tds

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Job Number: 233574		LABORATORY TEST RESULTS						Date: 02/01/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-003-GW Date Sampled.....: 01/18/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 233574-2 Date Received.....: 01/19/2005 Time Received.....: 10:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	3.3	B		3.0	15	1	ug/L	140532		01/27/05 1516	tds
	Silver	10	U		0.72	10	1	ug/L	140532		01/27/05 1516	tds
	Sodium	4300			490	1500	1	ug/L	140532		01/27/05 1516	tds
	Vanadium	1.1	B		1.0	10	1	ug/L	140532		01/27/05 1516	tds
	Zinc	10	B		1.6	30	1	ug/L	140532		01/27/05 1516	tds

* In Description = Dry Wgt.

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Job Number: 233574		LABORATORY TEST RESULTS						Date: 01/28/2005				
CUSTOMER: MKH Engineers, Inc.			PROJECT: USACE RVAMP TA ADCS				ATTN: ERIC ELLIS					
Customer Sample ID: LLSmw-003-GW Date Sampled.....: 01/18/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 233574-2 Date Received.....: 01/19/2005 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	*	0.047	0.15	1.00000	ug/L	140574		01/27/05 0908	kdl
	beta-BHC	0.10	U	*	0.028	0.10	1.00000	ug/L	140574		01/27/05 0908	kdl
	delta-BHC	0.10	U	*	0.025	0.10	1.00000	ug/L	140574		01/27/05 0908	kdl
	gamma-BHC (Lindane)	0.15	U	*	0.042	0.15	1.00000	ug/L	140574		01/27/05 0908	kdl
	Heptachlor	0.15	U	*	0.041	0.15	1.00000	ug/L	140574		01/27/05 0908	kdl
	Aldrin	0.10	U	*	0.028	0.10	1.00000	ug/L	140574		01/27/05 0908	kdl
	Heptachlor epoxide	0.15	U	*	0.036	0.15	1.00000	ug/L	140574		01/27/05 0908	kdl
	Endosulfan I	0.10	U	*	0.021	0.10	1.00000	ug/L	140574		01/27/05 0908	kdl
	Dieldrin	0.10	U		0.018	0.10	1.00000	ug/L	140574		01/27/05 0908	kdl
	4,4'-DDE	0.10	U		0.023	0.10	1.00000	ug/L	140574		01/27/05 0908	kdl
	Endrin	0.10	U	*	0.017	0.10	1.00000	ug/L	140574		01/27/05 0908	kdl
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	140574		01/27/05 0908	kdl
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	140574		01/27/05 0908	kdl
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	140574		01/27/05 0908	kdl
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	140574		01/27/05 0908	kdl
	Methoxychlor	0.60	U		0.17	0.60	1.00000	ug/L	140574		01/27/05 0908	kdl
	alpha-Chlordane	0.050	U	*	0.016	0.050	1.00000	ug/L	140574		01/27/05 0908	kdl
	gamma-Chlordane	0.10	U	*	0.017	0.10	1.00000	ug/L	140574		01/27/05 0908	kdl
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	140574		01/27/05 0908	kdl
	Endrin ketone	0.10	U	*	0.029	0.10	1.00000	ug/L	140574		01/27/05 0908	kdl
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	140574		01/27/05 0908	kdl

* In Description = Dry Wgt.

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Job Number: 233574		LABORATORY TEST RESULTS						Date: 01/31/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis						
Customer Sample ID: LL5mw-003-GW Date Sampled.....: 01/18/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 233574-2 Date Received.....: 01/19/2005 Time Received.....: 10:00										
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	REL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
8082	PCB Analysis												
	Aroclor 1016	0.60	U		0.18	0.60	1.00000	ug/L	140661		01/21/05 1200	bjt	
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	140661		01/21/05 1200	bjt	
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	140661		01/21/05 1200	bjt	
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	140661		01/21/05 1200	bjt	
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	140661		01/21/05 1200	bjt	
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	140661		01/21/05 1200	bjt	
	Aroclor 1260	0.60	U		0.17	0.60	1.00000	ug/L	140661		01/21/05 1200	bjt	

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 02/02/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-003-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-2
 Date Received.....: 01/19/2005
 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 1622	jmp
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Acetone	10	U		1.8	10	1.00000	ug/L	140790		01/31/05 1622	jmp
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140790		01/31/05 1622	jmp
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140790		01/31/05 1622	jmp
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140790		01/31/05 1622	jmp
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140790		01/31/05 1622	jmp

* In Description = Dry Wgt.

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Job Number: 233574		LABORATORY TEST RESULTS					Date:02/02/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: LL5MW-003-GW Date Sampled.....: 01/18/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 233574-2 Date Received.....: 01/19/2005 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 1622	jmp
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140790		01/31/05 1622	jmp

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574 Date: 01/26/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP T4 AOCs ATTN: Eric Ellis

Customer Sample ID: LLSmw-003-BW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-2
 Date Received.....: 01/19/2005
 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	140334		01/21/05 1331	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.42	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.34	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	140334		01/21/05 1331	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.27	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	140334		01/21/05 1331	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.59	4.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.097	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	Nitrobenzene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.30	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	Benzoic acid, Low Level Water	19	U		2.9	19	1.00000	ug/L	140334		01/21/05 1331	dpk
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	2,4-Dimethylphenol, Low Level Water	9.7	U		1.3	9.7	1.00000	ug/L	140334		01/21/05 1331	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.62	4.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	Naphthalene, Low Level Water	0.97	U		0.16	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk
	2,4-Dichlorophenol, Low Level Water	9.7	U		0.88	9.7	1.00000	ug/L	140334		01/21/05 1331	dpk
	4-Chloroaniline, Low Level Water	9.7	U		2.7	9.7	1.00000	ug/L	140334		01/21/05 1331	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.20	4.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.7	U		1.4	9.7	1.00000	ug/L	140334		01/21/05 1331	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U	*	0.63	19	1.00000	ug/L	140334		01/21/05 1331	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	140334		01/21/05 1331	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date: 01/26/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 ACOS

ATTN: Eric Ellis

Customer Sample ID: LL5mw-003-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-2
 Date Received.....: 01/19/2005
 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	140334		01/21/05 1331	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	140334		01/21/05 1331	dpk
	2-Nitrophenol, Low Level Water	9.7	U		0.80	9.7	1.00000	ug/L	140334		01/21/05 1331	dpk
	3-Nitroaniline, Low Level Water	9.7	U		2.0	9.7	1.00000	ug/L	140334		01/21/05 1331	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.2	19	1.00000	ug/L	140334		01/21/05 1331	dpk
	Acenaphthylene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk
	2,4-Dinitrotoluene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk
	Acenaphthene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.13	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	4-Nitrophenol, Low Level Water	19	U		3.6	19	1.00000	ug/L	140334		01/21/05 1331	dpk
	Fluorene, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk
	4-Nitroaniline, Low Level Water	9.7	U		2.2	9.7	1.00000	ug/L	140334		01/21/05 1331	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.18	4.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	Hexachlorobenzene, Low Level Water	0.49	U		0.094	0.49	1.00000	ug/L	140334		01/21/05 1331	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.15	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.73	4.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	Pentachlorophenol, Low Level Water	9.7	U		1.7	9.7	1.00000	ug/L	140334		01/21/05 1331	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.97	U		0.13	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	140334		01/21/05 1331	dpk
	Phenanthrene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk
	Anthracene, Low Level Water	0.97	U		0.15	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	Fluoranthene, Low Level Water	0.97	U		0.14	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk
	Pyrene, Low Level Water	0.97	U		0.12	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.38	1.9	1.00000	ug/L	140334		01/21/05 1331	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.048	0.19	1.00000	ug/L	140334		01/21/05 1331	dpk
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	140334		01/21/05 1331	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233574								Date: 01/26/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USAGE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: LL5mw-003-GW Date Sampled.....: 01/18/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water						Laboratory Sample ID: 233574-2 Date Received.....: 01/19/2005 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	140334		01/21/05 1331	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	140334		01/21/05 1331	dpk
	Di-n-octyl phthalate, Low Level Water	9.7	U		2.4	9.7	1.00000	ug/L	140334		01/21/05 1331	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.065	0.39	1.00000	ug/L	140334		01/21/05 1331	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.070	0.39	1.00000	ug/L	140334		01/21/05 1331	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	140334		01/21/05 1331	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.083	0.39	1.00000	ug/L	140334		01/21/05 1331	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	140334		01/21/05 1331	dpk
	Benzo(ghi)perylene, Low Level Water	0.97	U		0.18	0.97	1.00000	ug/L	140334		01/21/05 1331	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233574

Date:01/31/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AGCS

ATTN: Eric Ellis

Customer Sample ID: LL5mw-003-GW
 Date Sampled.....: 01/18/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233574-2
 Date Received.....: 01/19/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.49	U		0.11	0.49	1.00000	ug/L	140653		01/26/05 0343	san
	RDX	0.32	U		0.10	0.32	1.00000	ug/L	140653		01/26/05 0343	san
	1,3,5-Trinitrobenzene	0.32	U		0.092	0.32	1.00000	ug/L	140653		01/26/05 0343	san
	1,3-Dinitrobenzene	0.32	U		0.087	0.32	1.00000	ug/L	140653		01/26/05 0343	san
	Nitrobenzene	0.25	U		0.070	0.25	1.00000	ug/L	140653		01/26/05 0343	san
	2,4,6-TNT	0.40	U		0.12	0.40	1.00000	ug/L	140653		01/26/05 0343	san
	Tetryl	1.2	U		0.26	1.2	1.00000	ug/L	140653		01/26/05 0343	san
	2,4-Dinitrotoluene	0.57	U		0.19	0.57	1.00000	ug/L	140653		01/26/05 0343	san
	2,6-Dinitrotoluene	0.68	U		0.23	0.68	1.00000	ug/L	140653		01/26/05 0343	san
	2-Amino-4,6-Dinitrotoluene	0.57	U		0.19	0.57	1.00000	ug/L	140653		01/26/05 0343	san
	4-Amino-2,6-Dinitrotoluene	0.52	U		0.18	0.52	1.00000	ug/L	140653		01/26/05 0343	san
	2-Nitrotoluene	0.49	U		0.15	0.49	1.00000	ug/L	140653		01/26/05 0343	san
	4-Nitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	140653		01/26/05 0343	san
	3-Nitrotoluene	0.49	U		0.16	0.49	1.00000	ug/L	140653		01/26/05 0343	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168

Date: 01/24/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-004-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-4
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	D	FLAGS	MDL	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	139240		01/12/05 1044	kd

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168

Date: 01/19/2005

CUSTOMER: NKN Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-004-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-4
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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	139271		01/11/05 1330	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U	0.51	2.0	1	ug/L	139527		01/13/05 1446	daj
7421	Lead (GFAA) Lead	3.0	U	0.79	3.0	1	ug/L	139356		01/12/05 1217	daj
7841	Thallium (GFAA) Thallium	4.0	U	1.3	4.0	1	ug/L	139367		01/12/05 2119	daj
7470A	Mercury (CVAA) Mercury	0.20	U	0.063	0.20	1	ug/L	138921		01/06/05 1436	gok
6010B	Metals Analysis (ICAP Trace)										
	Aluminum	150	U	24	150	1	ug/L	139714		01/18/05 1052	tds
	Barium	25	U	1.3	10	1	ug/L	139714		01/18/05 1052	tds
	Beryllium	2.0	U	0.25	2.0	1	ug/L	139714		01/18/05 1052	tds
	Cadmium	2.0	U	0.25	2.0	1	ug/L	139714		01/18/05 1052	tds
	Calcium	71000	U	9.5	100	1	ug/L	139714		01/18/05 1052	tds
	Chromium	10	U	1.1	10	1	ug/L	139714		01/18/05 1052	tds
	Cobalt	5.0	U	0.80	5.0	1	ug/L	139714		01/18/05 1052	tds
	Copper	10	U	2.2	10	1	ug/L	139714		01/18/05 1052	tds
	Iron	120	U	38	120	1	ug/L	139710		01/18/05 1711	tds
	Magnesium	31000	U	8.1	100	1	ug/L	139714		01/18/05 1052	tds
	Manganese	6.6	B	0.41	10	1	ug/L	139714		01/18/05 1052	tds
	Nickel	10	U	1.0	10	1	ug/L	139714		01/18/05 1052	tds
	Potassium	420	B	66	500	1	ug/L	139714		01/18/05 1052	tds

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS						Date: 01/19/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis				
Customer Sample ID: LL5mw-004-GW Date Sampled.....: 01/04/2005 Time Sampled.....: 14:15 Sample Matrix.....: Water				Laboratory Sample ID: 233168-4 Date Received.....: 01/05/2005 Time Received.....: 10:35								
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	139710		01/18/05 1711	tds	
	Silver	10	U	0.72	10	1	ug/L	139714		01/18/05 1052	tds	
	Sodium	3700		490	1500	1	ug/L	139710		01/18/05 1711	tds	
	Vanadium	10	U	1.0	10	1	ug/L	139714		01/18/05 1052	tds	
	Zinc	3.4	B	1.6	30	1	ug/L	139714		01/18/05 1052	tds	

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS						Date: 01/18/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-004-GW Date Sampled.....: 01/04/2005 Time Sampled.....: 14:15 Sample Matrix.....: Water			Laboratory Sample ID: 233168-4 Date Received.....: 01/05/2005 Time Received.....: 10:35									
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	139633		01/08/05 0612	kdL
	beta-BHC	0.099	U		0.028	0.099	1.00000	ug/L	139633		01/08/05 0612	kdL
	delta-BHC	0.099	U		0.025	0.099	1.00000	ug/L	139633		01/08/05 0612	kdL
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	139633		01/08/05 0612	kdL
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	139633		01/08/05 0612	kdL
	Aldrin	0.099	U		0.028	0.099	1.00000	ug/L	139633		01/08/05 0612	kdL
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	139633		01/08/05 0612	kdL
	Endosulfan I	0.099	U		0.021	0.099	1.00000	ug/L	139633		01/08/05 0612	kdL
	Dieldrin	0.099	U		0.018	0.099	1.00000	ug/L	139633		01/08/05 0612	kdL
	4,4'-DDE	0.099	U		0.023	0.099	1.00000	ug/L	139633		01/08/05 0612	kdL
	Endrin	0.099	U		0.017	0.099	1.00000	ug/L	139633		01/08/05 0612	kdL
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	139633		01/08/05 0612	kdL
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	139633		01/08/05 0612	kdL
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	139633		01/08/05 0612	kdL
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	139633		01/08/05 0612	kdL
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	139633		01/08/05 0612	kdL
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	139633		01/08/05 0612	kdL
	gamma-Chlordane	0.099	U		0.017	0.099	1.00000	ug/L	139633		01/08/05 0612	kdL
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	139633		01/08/05 0612	kdL
	Endrin ketone	0.099	U		0.029	0.099	1.00000	ug/L	139633		01/08/05 0612	kdL
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	139633		01/08/05 0612	kdL

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS						Date: 01/13/2005				
CUSTOMER: HKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-004-GW Date Sampled.....: 01/04/2005 Time Sampled.....: 14:15 Sample Matrix.....: Water			Laboratory Sample ID: 233168-4 Date Received.....: 01/05/2005 Time Received.....: 10:35									
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	139331		01/10/05 1204	bjt
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	139331		01/10/05 1204	bjt
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	139331		01/10/05 1204	bjt
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	139331		01/10/05 1204	bjt
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	139331		01/10/05 1204	bjt
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	139331		01/10/05 1204	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	139331		01/10/05 1204	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 01/17/2005

Job Number: 233168

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCS

ATTN: Eric Ellis

Customer Sample ID: LL5mw-004-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-4
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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 2151	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	139434		01/07/05 2151	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	139434		01/07/05 2151	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	139434		01/07/05 2151	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	139434		01/07/05 2151	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	139434		01/07/05 2151	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168 Date: 01/17/2005

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

Customer Sample ID: L15mw-004-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-4
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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 2151	jdj
	1,2-Dibromoethane (EDB)	1.0	U	0.13	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Chlorobenzene	1.0	U	0.080	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Ethylbenzene	1.0	U	0.070	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	m&p-Xylenes	2.0	U	0.18	2.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	o-Xylene	1.0	U	0.080	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Styrene	1.0	U	0.13	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Bromoform	1.0	U	0.11	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	1,2-Dichloroethene (total)	1.0	U	0.23	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj
	Xylenes (total)	1.0	U	0.28	1.0	1.00000	ug/L	139434		01/07/05 2151	jdj

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233168				Date: 01/18/2005								
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellits				
Customer Sample ID: LL5mw-004-GW				Laboratory Sample ID: 233168-4								
Date Sampled.....: 01/04/2005				Date Received.....: 01/05/2005								
Time Sampled.....: 14:15				Time Received.....: 10:35								
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	4.7	U		0.33	4.7	1.00000	ug/L	139612		01/14/05 1254	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.28	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.40	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.31	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	139612		01/14/05 1254	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.24	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.26	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.47	U		0.076	0.47	1.00000	ug/L	139612		01/14/05 1254	dpk
	Hexachloroethane, Low Level Water	4.7	U		0.57	4.7	1.00000	ug/L	139612		01/14/05 1254	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.093	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	2-Chlorophenol, Low Level Water	4.7	U		0.11	4.7	1.00000	ug/L	139612		01/14/05 1254	dpk
	Nitrobenzene, Low Level Water	0.93	U		0.15	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	Benzoic acid, Low Level Water	19	U		2.8	19	1.00000	ug/L	139612		01/14/05 1254	dpk
	Isophorone, Low Level Water	1.9	U		0.24	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	2,4-Dimethylphenol, Low Level Water	9.3	U		1.2	9.3	1.00000	ug/L	139612		01/14/05 1254	dpk
	Hexachlorobutadiene, Low Level Water	4.7	U		0.60	4.7	1.00000	ug/L	139612		01/14/05 1254	dpk
	Naphthalene, Low Level Water	0.93	U		0.15	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk
	2,4-Dichlorophenol, Low Level Water	9.3	U		0.85	9.3	1.00000	ug/L	139612		01/14/05 1254	dpk
	4-Chloroaniline, Low Level Water	9.3	U		2.6	9.3	1.00000	ug/L	139612		01/14/05 1254	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.7	U		0.20	4.7	1.00000	ug/L	139612		01/14/05 1254	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.3	U		1.3	9.3	1.00000	ug/L	139612		01/14/05 1254	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U		0.61	19	1.00000	ug/L	139612		01/14/05 1254	dpk
	2-Methylnaphthalene, Low Level Water	0.47	U		0.12	0.47	1.00000	ug/L	139612		01/14/05 1254	dpk
	2-Nitroaniline, Low Level Water	4.7	U		0.21	4.7	1.00000	ug/L	139612		01/14/05 1254	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.24	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168 Date: 01/18/2005

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

Customer Sample ID: LL5mw-004-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-4
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDE	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	139612		01/14/05 1254	dpk
	2,6-Dinitrotoluene, Low Level Water	0.47	U		0.10	0.47	1.00000	ug/L	139612		01/14/05 1254	dpk
	2-Nitrophenol, Low Level Water	9.3	U		0.77	9.3	1.00000	ug/L	139612		01/14/05 1254	dpk
	3-Nitroaniline, Low Level Water	9.3	U		2.0	9.3	1.00000	ug/L	139612		01/14/05 1254	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.1	19	1.00000	ug/L	139612		01/14/05 1254	dpk
	Acenaphthylene, Low Level Water	0.93	U		0.11	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk
	2,4-Dinitrotoluene, Low Level Water	0.93	U		0.12	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk
	Acenaphthene, Low Level Water	0.93	U		0.11	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.12	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	4-Nitrophenol, Low Level Water	19	U		3.5	19	1.00000	ug/L	139612		01/14/05 1254	dpk
	Fluorene, Low Level Water	0.93	U		0.12	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk
	4-Nitroaniline, Low Level Water	9.3	U		2.1	9.3	1.00000	ug/L	139612		01/14/05 1254	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.7	U		0.18	4.7	1.00000	ug/L	139612		01/14/05 1254	dpk
	Hexachlorobenzene, Low Level Water	0.47	U		0.091	0.47	1.00000	ug/L	139612		01/14/05 1254	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.14	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.7	U		0.70	4.7	1.00000	ug/L	139612		01/14/05 1254	dpk
	Pentachlorophenol, Low Level Water	9.3	U		1.6	9.3	1.00000	ug/L	139612		01/14/05 1254	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.93	U		0.12	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.2	19	1.00000	ug/L	139612		01/14/05 1254	dpk
	Phenanthrene, Low Level Water	0.93	U		0.13	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk
	Anthracene, Low Level Water	0.93	U		0.14	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk
	Carbazole, Low Level Water	4.7	U		0.27	4.7	1.00000	ug/L	139612		01/14/05 1254	dpk
	Di-n-butyl phthalate, Low Level Water	4.7	U		0.34	4.7	1.00000	ug/L	139612		01/14/05 1254	dpk
	Fluoranthene, Low Level Water	0.93	U		0.13	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk
	Pyrene, Low Level Water	0.93	U		0.11	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.36	1.9	1.00000	ug/L	139612		01/14/05 1254	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.046	0.19	1.00000	ug/L	139612		01/14/05 1254	dpk
	Chrysene, Low Level Water	0.47	U		0.042	0.47	1.00000	ug/L	139612		01/14/05 1254	dpk

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS					Date: 01/18/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS			ATTN: Eric Ellis					
Customer Sample ID: LL5mw-004-GW			Laboratory Sample ID: 233168-4								
Date Sampled.....: 01/04/2005			Date Received.....: 01/05/2005								
Time Sampled.....: 14:15			Time Received.....: 10:35								
Sample Matrix.....: Water											
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q-FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine, Low Level Water	4.7	U	0.67	4.7	1.00000	ug/L	139612		01/14/05 1254	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U	3.6	14	1.00000	ug/L	139612		01/14/05 1254	dpk
	Di-n-octyl phthalate, Low Level Water	9.3	U	2.3	9.3	1.00000	ug/L	139612		01/14/05 1254	dpk
	Benzo(b)fluoranthene, Low Level Water	0.37	U	0.063	0.37	1.00000	ug/L	139612		01/14/05 1254	dpk
	Benzo(k)fluoranthene, Low Level Water	0.37	U	0.067	0.37	1.00000	ug/L	139612		01/14/05 1254	dpk
	Benzo(a)pyrene, Low Level Water	0.37	U	0.079	0.37	1.00000	ug/L	139612		01/14/05 1254	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.37	U	0.080	0.37	1.00000	ug/L	139612		01/14/05 1254	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.37	U	0.12	0.37	1.00000	ug/L	139612		01/14/05 1254	dpk
	Benzo(ghi)perylene, Low Level Water	0.93	U	0.18	0.93	1.00000	ug/L	139612		01/14/05 1254	dpk

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

Job Number: 233168		LABORATORY TEST RESULTS						Date: 01/17/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-004-GW Date Sampled: 01/04/2005 Time Sampled: 14:15 Sample Matrix: Water			Laboratory Sample ID: 233168-4 Date Received: 01/05/2005 Time Received: 10:35									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RI	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.52	U		0.11	0.52	1.00000	ug/L	139536		01/14/05 1936	san
	RDX	0.34	U		0.11	0.34	1.00000	ug/L	139536		01/14/05 1936	san
	1,3,5-Trinitrobenzene	0.34	U		0.098	0.34	1.00000	ug/L	139536		01/14/05 1936	san
	1,3-Dinitrobenzene	0.34	U		0.093	0.34	1.00000	ug/L	139536		01/14/05 1936	san
	Nitrobenzene	0.27	U		0.074	0.27	1.00000	ug/L	139536		01/14/05 1936	san
	2,4,6-TNT	0.42	U		0.13	0.42	1.00000	ug/L	139536		01/14/05 1936	san
	Tetryl	1.3	U		0.28	1.3	1.00000	ug/L	139536		01/14/05 1936	san
	2,4-Dinitrotoluene	0.61	U		0.21	0.61	1.00000	ug/L	139536		01/14/05 1936	san
	2,6-Dinitrotoluene	0.72	U		0.24	0.72	1.00000	ug/L	139536		01/14/05 1936	san
	2-Amino-4,6-Dinitrotoluene	0.61	U		0.20	0.61	1.00000	ug/L	139536		01/14/05 1936	san
	4-Amino-2,6-Dinitrotoluene	0.56	U		0.19	0.56	1.00000	ug/L	139536		01/14/05 1936	san
	2-Nitrotoluene	0.52	U		0.16	0.52	1.00000	ug/L	139536		01/14/05 1936	san
	4-Nitrotoluene	0.52	U		0.17	0.52	1.00000	ug/L	139536		01/14/05 1936	san
	3-Nitrotoluene	0.52	U		0.17	0.52	1.00000	ug/L	139536		01/14/05 1936	san

* In Description = Dry Wgt.

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Job Number: 233168 LABORATORY TEST RESULTS Date: 01/24/2005

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

Customer Sample ID: LL5mw-004-DUP
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-5
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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)	0.059		B	0.057	0.20	1	mg/L	139240		01/12/05 1047	kd

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168

Date: 01/19/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-004-DUP
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-5
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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	139271		01/11/05 1419	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	139527		01/13/05 1535	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	139356		01/12/05 1309	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	139367		01/12/05 2209	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	138921		01/06/05 1450	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	150	U		24	150	1	ug/L	139714		01/18/05 1144	tds
	Barium	25	U		1.3	10	1	ug/L	139714		01/18/05 1144	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	139714		01/18/05 1144	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	139714		01/18/05 1144	tds
	Calcium	69000	U		9.5	100	1	ug/L	139714		01/18/05 1144	tds
	Chromium	10	U		1.1	10	1	ug/L	139714		01/18/05 1144	tds
	Cobalt	5.0	U		0.80	5.0	1	ug/L	139714		01/18/05 1144	tds
	Copper	10	U		2.2	10	1	ug/L	139714		01/18/05 1144	tds
	Iron	120	U		38	120	1	ug/L	139710		01/18/05 1742	tds
	Magnesium	30000	U		8.1	100	1	ug/L	139714		01/18/05 1144	tds
	Manganese	8.5	B		0.41	10	1	ug/L	139714		01/18/05 1144	tds
	Nickel	10	U		1.0	10	1	ug/L	139714		01/18/05 1144	tds
	Potassium	440	B		66	500	1	ug/L	139714		01/18/05 1144	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168

Date: 01/19/2005

CUSTOMER: NKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-004-DUP
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-5
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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	139710		01/18/05 1742	tds
	Silver	10		U	0.72	10	1	ug/L	139714		01/18/05 1144	tds
	Sodium	3600			490	1500	1	ug/L	139710		01/18/05 1742	tds
	Vanadium	10		U	1.0	10	1	ug/L	139714		01/18/05 1144	tds
	Zinc	9.6		B	1.6	30	1	ug/L	139714		01/18/05 1144	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

Job Number: 233168		LABORATORY TEST RESULTS						Date:01/18/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-004-DUP Date Sampled.....: 01/04/2005 Time Sampled.....: 14:15 Sample Matrix.....: Water			Laboratory Sample ID: 233168-5 Date Received.....: 01/05/2005 Time Received.....: 10:35									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DI	DATE/TIME	TECH
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15		U	0.046	0.15	1.00000	ug/L	139633		01/08/05 0727	kdL
	beta-BHC	0.098		U	0.027	0.098	1.00000	ug/L	139633		01/08/05 0727	kdL
	delta-BHC	0.098		U	0.025	0.098	1.00000	ug/L	139633		01/08/05 0727	kdL
	gamma-BHC (Lindane)	0.15		U	0.041	0.15	1.00000	ug/L	139633		01/08/05 0727	kdL
	Heptachlor	0.15		U	0.040	0.15	1.00000	ug/L	139633		01/08/05 0727	kdL
	Aldrin	0.098		U	0.027	0.098	1.00000	ug/L	139633		01/08/05 0727	kdL
	Heptachlor epoxide	0.15		U	0.035	0.15	1.00000	ug/L	139633		01/08/05 0727	kdL
	Endosulfan I	0.098		U	0.021	0.098	1.00000	ug/L	139633		01/08/05 0727	kdL
	Dieldrin	0.098		U	0.018	0.098	1.00000	ug/L	139633		01/08/05 0727	kdL
	4,4'-DDE	0.098		U	0.023	0.098	1.00000	ug/L	139633		01/08/05 0727	kdL
	Endrin	0.098		U	0.017	0.098	1.00000	ug/L	139633		01/08/05 0727	kdL
	Endosulfan II	0.15		U	0.041	0.15	1.00000	ug/L	139633		01/08/05 0727	kdL
	4,4'-DDD	0.11		U	0.035	0.11	1.00000	ug/L	139633		01/08/05 0727	kdL
	Endosulfan sulfate	0.15		U	0.043	0.15	1.00000	ug/L	139633		01/08/05 0727	kdL
	4,4'-DDT	0.15		U	0.048	0.15	1.00000	ug/L	139633		01/08/05 0727	kdL
	Methoxychlor	0.59		U	0.17	0.59	1.00000	ug/L	139633		01/08/05 0727	kdL
	alpha-Chlordane	0.049		U	0.016	0.049	1.00000	ug/L	139633		01/08/05 0727	kdL
	gamma-Chlordane	0.098		U	0.017	0.098	1.00000	ug/L	139633		01/08/05 0727	kdL
	Endrin aldehyde	0.15		U	0.034	0.15	1.00000	ug/L	139633		01/08/05 0727	kdL
	Endrin ketone	0.098		U	0.028	0.098	1.00000	ug/L	139633		01/08/05 0727	kdL
	Toxaphene	0.49		U	0.14	0.49	1.00000	ug/L	139633		01/08/05 0727	kdL

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233168								Date: 01/13/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USAGE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: LL5mw-004-DUP Date Sampled.....: 01/04/2005 Time Sampled.....: 14:15 Sample Matrix.....: Water						Laboratory Sample ID: 233168-5 Date Received.....: 01/05/2005 Time Received.....: 10:35						
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	139331		01/10/05 1318	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	139331		01/10/05 1318	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	139331		01/10/05 1318	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	139331		01/10/05 1318	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	139331		01/10/05 1318	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	139331		01/10/05 1318	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	139331		01/10/05 1318	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168 Date: 01/17/2005

CUSTOMER: MKN Engineers, Inc. PROJECT: USACE RVAAP 14 AOC5

ATTN: Eric Ellis

Customer Sample ID: LL5mw-004-DUP
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-5
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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	139434		01/07/05 2306	jd
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Vinyl chloride	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Bromomethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Chloroethane	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	1,1-Dichloroethene	5.0	U		0.20	5.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Carbon disulfide	10	U		1.8	10	1.00000	ug/L	139434		01/07/05 2306	jd
	Acetone	1.5	U		0.35	1.5	1.00000	ug/L	139434		01/07/05 2306	jd
	Methylene chloride	1.0	U		0.14	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	trans-1,2-Dichloroethene	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	1,1-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	cis-1,2-Dichloroethene	1.0	U		1.2	10	1.00000	ug/L	139434		01/07/05 2306	jd
	2-Butanone (MEK)	10	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Bromochloromethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Chloroform	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	1,1,1-Trichloroethane	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Carbon tetrachloride	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	1,2-Dichloroethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Trichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	1,2-Dichloropropane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Bromodichloromethane	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	cis-1,3-Dichloropropene	1.0	U		0.65	10	1.00000	ug/L	139434		01/07/05 2306	jd
	4-Methyl-2-pentanone (MIBK)	10	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Toluene	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	1,1,2-Trichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2306	jd
	Tetrachloroethene	1.0	U		0.53	10	1.00000	ug/L	139434		01/07/05 2306	jd
	2-Hexanone	10	U									

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 01/17/2005

Job Number: 233168

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

Customer Sample ID: LL5mw-004-DUP
 Date Sampled: 01/04/2005
 Time Sampled: 14:15
 Sample Matrix: Water

Laboratory Sample ID: 233168-5
 Date Received: 01/05/2005
 Time Received: 10:35

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 2306	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2306	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2306	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	139434		01/07/05 2306	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	139434		01/07/05 2306	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2306	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2306	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2306	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2306	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	139434		01/07/05 2306	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	139434		01/07/05 2306	jdj

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

Job Number: 233168		LABORATORY TEST RESULTS						Date: 01/18/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-004-DUP Date Sampled.....: 01/04/2005 Time Sampled.....: 14:15 Sample Matrix.....: Water			Laboratory Sample ID: 233168-5 Date Received.....: 01/05/2005 Time Received.....: 10:35									
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	139612		01/14/05 1317	dpk
	Bis(2-chloroethyl)ether, Low Level Water	1.9	U		0.28	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	1,3-Dichlorobenzene, Low Level Water	1.9	U		0.41	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	1,4-Dichlorobenzene, Low Level Water	1.9	U		0.31	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	1,2-Dichlorobenzene, Low Level Water	1.9	U		0.33	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	Benzyl alcohol, Low Level Water	19	U		2.1	19	1.00000	ug/L	139612		01/14/05 1317	dpk
	2-Methylphenol (o-cresol), Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	1.9	U		0.26	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.47	U		0.076	0.47	1.00000	ug/L	139612		01/14/05 1317	dpk
	Hexachloroethane, Low Level Water	4.7	U		0.58	4.7	1.00000	ug/L	139612		01/14/05 1317	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	1.9	U		0.094	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	2-Chlorophenol, Low Level Water	4.7	U		0.11	4.7	1.00000	ug/L	139612		01/14/05 1317	dpk
	Nitrobenzene, Low Level Water	0.94	U		0.15	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	1.9	U		0.29	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	1,2,4-Trichlorobenzene, Low Level Water	1.9	U		0.32	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	Benzoic acid, Low Level Water	19	U		2.8	19	1.00000	ug/L	139612		01/14/05 1317	dpk
	Isophorone, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	2,4-Dimethylphenol, Low Level Water	9.4	U		1.2	9.4	1.00000	ug/L	139612		01/14/05 1317	dpk
	Hexachlorobutadiene, Low Level Water	4.7	U		0.60	4.7	1.00000	ug/L	139612		01/14/05 1317	dpk
	Naphthalene, Low Level Water	0.94	U		0.15	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk
	2,4-Dichlorophenol, Low Level Water	9.4	U		0.86	9.4	1.00000	ug/L	139612		01/14/05 1317	dpk
	4-Chloroaniline, Low Level Water	9.4	U		2.6	9.4	1.00000	ug/L	139612		01/14/05 1317	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.7	U		0.20	4.7	1.00000	ug/L	139612		01/14/05 1317	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.4	U		1.3	9.4	1.00000	ug/L	139612		01/14/05 1317	dpk
	Hexachlorocyclopentadiene, Low Level Water	19	U		0.61	19	1.00000	ug/L	139612		01/14/05 1317	dpk
	2-Methylnaphthalene, Low Level Water	0.47	U		0.12	0.47	1.00000	ug/L	139612		01/14/05 1317	dpk
	2-Nitroaniline, Low level Water	4.7	U		0.21	4.7	1.00000	ug/L	139612		01/14/05 1317	dpk
	2-Chloronaphthalene, Low Level Water	1.9	U		0.25	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS					Date: 01/18/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS			ATTN: Eric Ellis						
Customer Sample ID: LL5mw-004-DUP Date Sampled.....: 01/04/2005 Time Sampled.....: 14:15 Sample Matrix.....: Water			Laboratory Sample ID: 233168-5 Date Received.....: 01/05/2005 Time Received.....: 10:35									
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	139612		01/14/05 1317	dpk
	2,6-Dinitrotoluene, Low Level Water	0.47	U		0.10	0.47	1.00000	ug/L	139612		01/14/05 1317	dpk
	2-Nitrophenol, Low Level Water	9.4	U		0.77	9.4	1.00000	ug/L	139612		01/14/05 1317	dpk
	3-Nitroaniline, Low Level Water	9.4	U		2.0	9.4	1.00000	ug/L	139612		01/14/05 1317	dpk
	Dimethyl phthalate, Low Level Water	1.9	U		0.20	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	2,4-Dinitrophenol, Low Level Water	19	U		3.1	19	1.00000	ug/L	139612		01/14/05 1317	dpk
	Acenaphthylene, Low Level Water	0.94	U		0.11	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk
	2,4-Dinitrotoluene, Low Level Water	0.94	U		0.12	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk
	Acenaphthene, Low Level Water	0.94	U		0.11	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk
	Dibenzofuran, Low Level Water	1.9	U		0.12	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	4-Nitrophenol, Low Level Water	19	U		3.5	19	1.00000	ug/L	139612		01/14/05 1317	dpk
	Fluorene, Low Level Water	0.94	U		0.12	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk
	4-Nitroaniline, Low Level Water	9.4	U		2.2	9.4	1.00000	ug/L	139612		01/14/05 1317	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.7	U		0.18	4.7	1.00000	ug/L	139612		01/14/05 1317	dpk
	Hexachlorobenzene, Low Level Water	0.47	U		0.092	0.47	1.00000	ug/L	139612		01/14/05 1317	dpk
	Diethyl phthalate, Low Level Water	1.9	U		0.14	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.7	U		0.71	4.7	1.00000	ug/L	139612		01/14/05 1317	dpk
	Pentachlorophenol, Low Level Water	9.4	U		1.6	9.4	1.00000	ug/L	139612		01/14/05 1317	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.94	U		0.12	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	19	U		2.3	19	1.00000	ug/L	139612		01/14/05 1317	dpk
	Phenanthrene, Low Level Water	0.94	U		0.13	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk
	Anthracene, Low Level Water	0.94	U		0.14	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk
	Carbazole, Low Level Water	4.7	U		0.27	4.7	1.00000	ug/L	139612		01/14/05 1317	dpk
	Di-n-butyl phthalate, Low Level Water	4.7	U		0.34	4.7	1.00000	ug/L	139612		01/14/05 1317	dpk
	Fluoranthene, Low Level Water	0.94	U		0.13	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk
	Pyrene, Low Level Water	0.94	U		0.11	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk
	Butyl benzyl phthalate, Low Level Water	1.9	U		0.37	1.9	1.00000	ug/L	139612		01/14/05 1317	dpk
	Benzo(a)anthracene, Low Level Water	0.19	U		0.046	0.19	1.00000	ug/L	139612		01/14/05 1317	dpk
	Chrysene, Low Level Water	0.47	U		0.042	0.47	1.00000	ug/L	139612		01/14/05 1317	dpk

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS						Date: 01/18/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE: RVAAP 14 A005				ATTN: Eric Ellis					
Customer Sample ID: LL5mm-004-DUP Date Sampled.....: 01/04/2005 Time Sampled.....: 14:15 Sample Matrix.....: Water			Laboratory Sample ID: 233168-5 Date Received.....: 01/05/2005 Time Received.....: 10:35									
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	139612		01/14/05 1317	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	14	U		3.7	14	1.00000	ug/L	139612		01/14/05 1317	dpk
	Di-n-octyl phthalate, Low Level Water	9.4	U		2.4	9.4	1.00000	ug/L	139612		01/14/05 1317	dpk
	Benzo(b)fluoranthene, Low Level Water	0.38	U		0.063	0.38	1.00000	ug/L	139612		01/14/05 1317	dpk
	Benzo(k)fluoranthene, Low Level Water	0.38	U		0.068	0.38	1.00000	ug/L	139612		01/14/05 1317	dpk
	Benzo(a)pyrene, Low Level Water	0.38	U		0.079	0.38	1.00000	ug/L	139612		01/14/05 1317	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.38	U		0.081	0.38	1.00000	ug/L	139612		01/14/05 1317	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.38	U		0.12	0.38	1.00000	ug/L	139612		01/14/05 1317	dpk
	Benzo(ghi)perylene, Low Level Water	0.94	U		0.18	0.94	1.00000	ug/L	139612		01/14/05 1317	dpk

* In Description = Dry Wgt.

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Job Number: 233168 LABORATORY TEST RESULTS Date: 01/17/2005

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

Customer Sample ID: LL5mw-004-DUP
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-5
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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	139536		01/14/05 2114	san
	RDX	0.34		U	0.11	0.34	1.00000	ug/L	139536		01/14/05 2114	san
	1,3,5-Trinitrobenzene	0.34		U	0.10	0.34	1.00000	ug/L	139536		01/14/05 2114	san
	1,3-Dinitrobenzene	0.34		U	0.094	0.34	1.00000	ug/L	139536		01/14/05 2114	san
	Nitrobenzene	0.27		U	0.076	0.27	1.00000	ug/L	139536		01/14/05 2114	san
	2,4,6-TNT	0.43		U	0.13	0.43	1.00000	ug/L	139536		01/14/05 2114	san
	Tetryl	1.3		U	0.28	1.3	1.00000	ug/L	139536		01/14/05 2114	san
	2,4-Dinitrotoluene	0.62		U	0.21	0.62	1.00000	ug/L	139536		01/14/05 2114	san
	2,6-Dinitrotoluene	0.74		U	0.25	0.74	1.00000	ug/L	139536		01/14/05 2114	san
	2-Amino-4,6-Dinitrotoluene	0.62		U	0.20	0.62	1.00000	ug/L	139536		01/14/05 2114	san
	4-Amino-2,6-Dinitrotoluene	0.57		U	0.19	0.57	1.00000	ug/L	139536		01/14/05 2114	san
	2-Nitrotoluene	0.53		U	0.16	0.53	1.00000	ug/L	139536		01/14/05 2114	san
	4-Nitrotoluene	0.53		U	0.17	0.53	1.00000	ug/L	139536		01/14/05 2114	san
	3-Nitrotoluene	0.53		U	0.17	0.53	1.00000	ug/L	139536		01/14/05 2114	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168

Date: 01/24/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LLSmw-005-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 09:40
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-2
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RU	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	139240		01/12/05 1042	kd

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS						Date: 01/19/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ROCS				ATTN: Eric Ellis					
Customer Sample ID: LL5 nr -005-GW Date Sampled.....: 01/04/2005 Time Sampled.....: 09:40 Sample Matrix.....: Water			Laboratory Sample ID: 233168-2 Date Received.....: 01/05/2005 Time Received.....: 10:35									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7041	Antimony (GFAA) Antimony	3.3		B	2.5	7.5	1	ug/L	139271		01/11/05 1305	daj
7060A	Arsenic (GFAA) Arsenic	2.0		U	0.51	2.0	1	ug/L	139527		01/13/05 1423	daj
7421	Lead (GFAA) Lead	3.0		U	0.79	3.0	1	ug/L	139249		01/11/05 1637	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	139367		01/12/05 2042	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	138921		01/06/05 1432	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	40		B	24	150	1	ug/L	139714		01/18/05 1042	tds
	Barium	16			1.3	10	1	ug/L	139714		01/18/05 1042	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	139714		01/18/05 1042	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	139714		01/18/05 1042	tds
	Calcium	67000			9.5	100	1	ug/L	139714		01/18/05 1042	tds
	Chromium	10		U	1.1	10	1	ug/L	139714		01/18/05 1042	tds
	Cobalt	5.0		U	0.80	5.0	1	ug/L	139714		01/18/05 1042	tds
	Copper	10		U	2.2	10	1	ug/L	139714		01/18/05 1042	tds
	Iron	66		B	38	120	1	ug/L	139710		01/18/05 1630	tds
	Magnesium	24000			8.1	100	1	ug/L	139714		01/18/05 1042	tds
	Manganese	2000			0.41	10	1	ug/L	139714		01/18/05 1042	tds
	Nickel	1.9		B	1.0	10	1	ug/L	139714		01/18/05 1042	tds
	Potassium	5400			66	500	1	ug/L	139714		01/18/05 1042	tds

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS					Date: 01/18/2005					
CUSTOMER: NKM Engineers, Inc.			PROJECT: USACE RVAAP 14 ADGS			ATTN: Eric Ellis						
Customer Sample ID: LL5mw-005-GW Date Sampled.....: 01/04/2005 Time Sampled.....: 09:40 Sample Matrix.....: Water			Laboratory Sample ID: 233168-2 Date Received.....: 01/05/2005 Time Received.....: 10:35									
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	139633		01/08/05 0521	kdL
	beta-BHC	0.097	U		0.027	0.097	1.00000	ug/L	139633		01/08/05 0521	kdL
	delta-BHC	0.097	U		0.024	0.097	1.00000	ug/L	139633		01/08/05 0521	kdL
	gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	139633		01/08/05 0521	kdL
	Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	139633		01/08/05 0521	kdL
	Aldrin	0.097	U		0.027	0.097	1.00000	ug/L	139633		01/08/05 0521	kdL
	Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	139633		01/08/05 0521	kdL
	Endosulfan I	0.097	U		0.020	0.097	1.00000	ug/L	139633		01/08/05 0521	kdL
	Dieldrin	0.097	U		0.017	0.097	1.00000	ug/L	139633		01/08/05 0521	kdL
	4,4'-DDE	0.097	U		0.022	0.097	1.00000	ug/L	139633		01/08/05 0521	kdL
	Endrin	0.097	U		0.017	0.097	1.00000	ug/L	139633		01/08/05 0521	kdL
	Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	139633		01/08/05 0521	kdL
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	139633		01/08/05 0521	kdL
	Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	139633		01/08/05 0521	kdL
	4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	139633		01/08/05 0521	kdL
	Methoxychlor	0.58	U		0.17	0.58	1.00000	ug/L	139633		01/08/05 0521	kdL
	alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	139633		01/08/05 0521	kdL
	gamma-Chlordane	0.097	U		0.017	0.097	1.00000	ug/L	139633		01/08/05 0521	kdL
	Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	139633		01/08/05 0521	kdL
	Endrin ketone	0.097	U		0.028	0.097	1.00000	ug/L	139633		01/08/05 0521	kdL
	Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	139633		01/08/05 0521	kdL

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS						Date:01/13/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RYAMP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-005-GW Date Sampled.....: 01/04/2005 Time Sampled.....: 09:40 Sample Matrix.....: Water			Laboratory Sample ID: 233168-2 Date Received.....: 01/05/2005 Time Received.....: 10:35									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RE	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	0.58	U		0.17	0.58	1.00000	ug/L	139331		01/10/05 1115	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	139331		01/10/05 1115	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	139331		01/10/05 1115	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	139331		01/10/05 1115	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	139331		01/10/05 1115	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	139331		01/10/05 1115	bjt
	Aroclor 1260	0.58	U		0.17	0.58	1.00000	ug/L	139331		01/10/05 1115	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168

Date: 01/17/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP T4 AOCs

ATTN: Eric Ellis

Customer Sample ID: LLSM-005-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 09:40
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-2
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

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	139434		01/07/05 2102	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	139434		01/07/05 2102	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	139434		01/07/05 2102	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	139434		01/07/05 2102	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	139434		01/07/05 2102	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	139434		01/07/05 2102	jdj

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS					Date: 01/17/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: 115mm-005-GW			Laboratory Sample ID: 233168-2									
Date Sampled: 01/04/2005			Date Received: 01/05/2005									
Time Sampled: 09:40			Time Received: 10:35									
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 2102	jdj
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	139434		01/07/05 2102	jdj

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS					Date: 01/18/2005					
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellits						
Customer Sample ID: LL5mw-005-GW			Laboratory Sample ID: 233168-2									
Date Sampled.....: 01/04/2005			Date Received.....: 01/05/2005									
Time Sampled.....: 09:40			Time Received.....: 10:35									
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	4.9	U		0.34	4.9	1.00000	ug/L	139612		01/14/05 1207	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.29	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.42	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.32	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	139612		01/14/05 1207	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.27	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.49	U		0.079	0.49	1.00000	ug/L	139612		01/14/05 1207	dpk
	Hexachloroethane, Low Level Water	4.9	U		0.60	4.9	1.00000	ug/L	139612		01/14/05 1207	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.098	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	2-Chlorophenol, Low Level Water	4.9	U		0.12	4.9	1.00000	ug/L	139612		01/14/05 1207	dpk
	Nitrobenzene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	Benzoic acid, Low Level Water	20	U		2.9	20	1.00000	ug/L	139612		01/14/05 1207	dpk
	Isophorone, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	2,4-Dimethylphenol, Low Level Water	9.8	U		1.3	9.8	1.00000	ug/L	139612		01/14/05 1207	dpk
	Hexachlorobutadiene, Low Level Water	4.9	U		0.63	4.9	1.00000	ug/L	139612		01/14/05 1207	dpk
	Naphthalene, Low Level Water	0.98	U		0.16	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk
	2,4-Dichlorophenol, Low Level Water	9.8	U		0.89	9.8	1.00000	ug/L	139612		01/14/05 1207	dpk
	4-Chloroaniline, Low Level Water	9.8	U		2.7	9.8	1.00000	ug/L	139612		01/14/05 1207	dpk
	2,4,6-Trichlorophenol, Low Level Water	4.9	U		0.21	4.9	1.00000	ug/L	139612		01/14/05 1207	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.8	U		1.4	9.8	1.00000	ug/L	139612		01/14/05 1207	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.64	20	1.00000	ug/L	139612		01/14/05 1207	dpk
	2-Methylnaphthalene, Low Level Water	0.49	U		0.13	0.49	1.00000	ug/L	139612		01/14/05 1207	dpk
	2-Nitroaniline, Low Level Water	4.9	U		0.22	4.9	1.00000	ug/L	139612		01/14/05 1207	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.25	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168 Date: 01/18/2005

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

Customer Sample ID: LL5mw-005-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 09:40
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-2
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	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	139612		01/14/05 1207	dpk
	2,6-Dinitrotoluene, Low Level Water	0.49	U		0.11	0.49	1.00000	ug/L	139612		01/14/05 1207	dpk
	2-Nitrophenol, Low Level Water	9.8	U		0.80	9.8	1.00000	ug/L	139612		01/14/05 1207	dpk
	3-Nitroaniline, Low Level Water	9.8	U		2.1	9.8	1.00000	ug/L	139612		01/14/05 1207	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.2	20	1.00000	ug/L	139612		01/14/05 1207	dpk
	Acenaphthylene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk
	2,4-Dinitrotoluene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk
	Acenaphthene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	4-Nitrophenol, Low Level Water	20	U		3.6	20	1.00000	ug/L	139612		01/14/05 1207	dpk
	Fluorene, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk
	4-Nitroaniline, Low Level Water	9.8	U		2.3	9.8	1.00000	ug/L	139612		01/14/05 1207	dpk
	4-Bromophenyl phenyl ether, Low Level Water	4.9	U		0.19	4.9	1.00000	ug/L	139612		01/14/05 1207	dpk
	Hexachlorobenzene, Low Level Water	0.49	U		0.095	0.49	1.00000	ug/L	139612		01/14/05 1207	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	4.9	U		0.74	4.9	1.00000	ug/L	139612		01/14/05 1207	dpk
	Pentachlorophenol, Low Level Water	9.8	U		1.7	9.8	1.00000	ug/L	139612		01/14/05 1207	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.98	U		0.13	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	139612		01/14/05 1207	dpk
	Phenanthrene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk
	Anthracene, Low Level Water	0.98	U		0.15	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk
	Carbazole, Low Level Water	4.9	U		0.28	4.9	1.00000	ug/L	139612		01/14/05 1207	dpk
	Di-n-butyl phthalate, Low Level Water	4.9	U		0.35	4.9	1.00000	ug/L	139612		01/14/05 1207	dpk
	Fluoranthene, Low Level Water	0.98	U		0.14	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk
	Pyrene, Low Level Water	0.98	U		0.12	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.38	2.0	1.00000	ug/L	139612		01/14/05 1207	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.048	0.20	1.00000	ug/L	139612		01/14/05 1207	dpk
	Chrysene, Low Level Water	0.49	U		0.044	0.49	1.00000	ug/L	139612		01/14/05 1207	dpk

* In Description = Dry Wgt.

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Job Number: 233168		LABORATORY TEST RESULTS						Date:01/18/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP-14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-005-GW Date Sampled.....: 01/04/2005 Time Sampled.....: 09:40 Sample Matrix.....: Water			Laboratory Sample ID: 233168-2 Date Received.....: 01/05/2005 Time Received.....: 10:35									
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	139612		01/14/05 1207	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.8	15	1.00000	ug/L	139612		01/14/05 1207	dpk
	Di-n-octyl phthalate, Low Level Water	9.8	U		2.5	9.8	1.00000	ug/L	139612		01/14/05 1207	dpk
	Benzo(b)fluoranthene, Low Level Water	0.39	U		0.066	0.39	1.00000	ug/L	139612		01/14/05 1207	dpk
	Benzo(k)fluoranthene, Low Level Water	0.39	U		0.071	0.39	1.00000	ug/L	139612		01/14/05 1207	dpk
	Benzo(a)pyrene, Low Level Water	0.39	U		0.082	0.39	1.00000	ug/L	139612		01/14/05 1207	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.39	U		0.084	0.39	1.00000	ug/L	139612		01/14/05 1207	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.39	U		0.13	0.39	1.00000	ug/L	139612		01/14/05 1207	dpk
	Benzo(ghi)perylene, Low Level Water	0.98	U		0.19	0.98	1.00000	ug/L	139612		01/14/05 1207	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233168

Date:01/17/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-005-GW
 Date Sampled.....: 01/04/2005
 Time Sampled.....: 09:40
 Sample Matrix.....: Water

Laboratory Sample ID: 233168-2
 Date Received.....: 01/05/2005
 Time Received.....: 10:35

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	0.54	U		0.12	0.54	1.00000	ug/L	139536		01/14/05 1831	san
	RDX	0.35	U		0.11	0.35	1.00000	ug/L	139536		01/14/05 1831	san
	1,3,5-Trinitrobenzene	0.35	U		0.10	0.35	1.00000	ug/L	139536		01/14/05 1831	san
	1,3-Dinitrobenzene	0.35	U		0.096	0.35	1.00000	ug/L	139536		01/14/05 1831	san
	Nitrobenzene	0.28	U		0.077	0.28	1.00000	ug/L	139536		01/14/05 1831	san
	2,4,6-TNT	0.44	U		0.14	0.44	1.00000	ug/L	139536		01/14/05 1831	san
	Tetryl	1.4	U		0.29	1.4	1.00000	ug/L	139536		01/14/05 1831	san
	2,4-Dinitrotoluene	0.63	U		0.21	0.63	1.00000	ug/L	139536		01/14/05 1831	san
	2,6-Dinitrotoluene	0.75	U		0.25	0.75	1.00000	ug/L	139536		01/14/05 1831	san
	2-Amino-4,6-Dinitrotoluene	0.63	U		0.21	0.63	1.00000	ug/L	139536		01/14/05 1831	san
	4-Amino-2,6-Dinitrotoluene	0.58	U		0.20	0.58	1.00000	ug/L	139536		01/14/05 1831	san
	2-Nitrotoluene	0.54	U		0.16	0.54	1.00000	ug/L	139536		01/14/05 1831	san
	4-Nitrotoluene	0.54	U		0.18	0.54	1.00000	ug/L	139536		01/14/05 1831	san
	3-Nitrotoluene	0.54	U		0.18	0.54	1.00000	ug/L	139536		01/14/05 1831	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 AOCs			ATTN: Eric Ellis					
Customer Sample ID: LL5mw-006-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 15:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-5 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)	0.067	B	0.057	0.20	1	mg/L	138820		01/05/05 1348	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 RVAAP J4 AGCS

ATTN: Eric Ellis

Customer Sample ID: LL5mw-006-GW
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-5
 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	3.9	B	2.5	7.5	1	ug/L	138893		01/05/05 1711	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U	0.51	2.0	1	ug/L	138871		01/05/05 1545	daj
7421	Lead (GFAA) Lead	3.0	U	0.79	3.0	1	ug/L	138980		01/06/05 1628	daj
7841	Thallium (GFAA) Thallium	4.0	U	1.3	4.0	1	ug/L	138987		01/06/05 1611	daj
7470A	Mercury (CVAA) Mercury	0.20	U	0.063	0.20	1	ug/L	138823		01/05/05 1300	gok
6010B	Metals Analysis (ICAP Trace)										
	Aluminum	150	U	24	150	1	ug/L	139514		01/14/05 1433	tds
	Barium	24	U	1.3	10	1	ug/L	139514		01/14/05 1433	tds
	Beryllium	2.0	U	0.25	2.0	1	ug/L	139514		01/14/05 1433	tds
	Cadmium	2.0	U	0.25	2.0	1	ug/L	139598		01/17/05 1513	tds
	Calcium	70000	U	9.5	100	1	ug/L	139598		01/17/05 1513	tds
	Chromium	10	U	1.1	10	1	ug/L	139514		01/14/05 1433	tds
	Cobalt	5.0	U	0.80	5.0	1	ug/L	139514		01/14/05 1433	tds
	Copper	2.8	B	2.2	10	1	ug/L	139514		01/14/05 1433	tds
	Iron	120	U	38	120	1	ug/L	139514		01/14/05 1433	tds
	Magnesium	29000	U	8.1	100	1	ug/L	139514		01/14/05 1433	tds
	Manganese	10	B	0.41	10	1	ug/L	139514		01/14/05 1433	tds
	Nickel	10	U	1.0	10	1	ug/L	139514		01/14/05 1433	tds
	Potassium	480	B	66	500	1	ug/L	139514		01/14/05 1433	tds

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS					Date: 01/18/2005					
CUSTOMER: MKH Engineers, Inc.			PROJECT: USAGE RVAAP 14 AOCs			ATTN: Eric Ellis						
Customer Sample ID: LL5mw-006-GW			Laboratory Sample ID: 233126-5			Date Sampled: 01/03/2005			Date Received: 01/04/2005			
Time Sampled: 15:00			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 1513	tds
	Silver	10	U		0.72	10	1	ug/L	139514		01/14/05 1433	tds
	Sodium	3400			490	1500	1	ug/L	139514		01/14/05 1433	tds
	Vanadium	1.0	B		1.0	10	1	ug/L	139598		01/17/05 1513	tds
	Zinc	30	B		1.6	30	1	ug/L	139514		01/14/05 1433	tds

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/17/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-006-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 15:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-5 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		0.045	0.14	1.00000	ug/L	139574		01/07/05 0734	kdl
	beta-BHC	0.096	U		0.027	0.096	1.00000	ug/L	139574		01/07/05 0734	kdl
	delta-BHC	0.096	U		0.024	0.096	1.00000	ug/L	139574		01/07/05 0734	kdl
	gamma-BHC (Lindane)	0.14	U		0.040	0.14	1.00000	ug/L	139574		01/07/05 0734	kdl
	Heptachlor	0.14	U		0.039	0.14	1.00000	ug/L	139574		01/07/05 0734	kdl
	Aldrin	0.096	U		0.027	0.096	1.00000	ug/L	139574		01/07/05 0734	kdl
	Heptachlor epoxide	0.14	U		0.035	0.14	1.00000	ug/L	139574		01/07/05 0734	kdl
	Endosulfan I	0.096	U		0.020	0.096	1.00000	ug/L	139574		01/07/05 0734	kdl
	Dieldrin	0.096	U		0.017	0.096	1.00000	ug/L	139574		01/07/05 0734	kdl
	4,4'-DDE	0.096	U		0.022	0.096	1.00000	ug/L	139574		01/07/05 0734	kdl
	Endrin	0.096	U		0.016	0.096	1.00000	ug/L	139574		01/07/05 0734	kdl
	Endosulfan II	0.14	U		0.040	0.14	1.00000	ug/L	139574		01/07/05 0734	kdl
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	139574		01/07/05 0734	kdl
	Endosulfan sulfate	0.14	U		0.042	0.14	1.00000	ug/L	139574		01/07/05 0734	kdl
	4,4'-DDT	0.14	U		0.047	0.14	1.00000	ug/L	139574		01/07/05 0734	kdl
	Methoxychlor	0.58	U		0.16	0.58	1.00000	ug/L	139574		01/07/05 0734	kdl
	alpha-Chlordane	0.048	U		0.015	0.048	1.00000	ug/L	139574		01/07/05 0734	kdl
	gamma-Chlordane	0.096	U		0.016	0.096	1.00000	ug/L	139574		01/07/05 0734	kdl
	Endrin aldehyde	0.14	U		0.034	0.14	1.00000	ug/L	139574		01/07/05 0734	kdl
	Endrin ketone	0.096	U		0.028	0.096	1.00000	ug/L	139574		01/07/05 0734	kdl
	Toxaphene	0.48	U		0.13	0.48	1.00000	ug/L	139574		01/07/05 0734	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 BVAAP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-006-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 15:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-5 Date Received.....: 01/04/2005 Time Received.....: 09:00									
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	QI 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 1520	bjt	
	Aroclor 1221	1.2	U	0.40	1.2	1.00000	ug/L	139056		01/06/05 1520	bjt	
	Aroclor 1232	1.2	U	0.34	1.2	1.00000	ug/L	139056		01/06/05 1520	bjt	
	Aroclor 1242	1.2	U	0.41	1.2	1.00000	ug/L	139056		01/06/05 1520	bjt	
	Aroclor 1248	1.4	U	0.46	1.4	1.00000	ug/L	139056		01/06/05 1520	bjt	
	Aroclor 1254	1.2	U	0.34	1.2	1.00000	ug/L	139056		01/06/05 1520	bjt	
	Aroclor 1260	0.58	U	0.16	0.58	1.00000	ug/L	139056		01/06/05 1520	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 RVAAP 14 ADCS				ATTN: Eric Ellis				
Customer Sample ID: LL5mw-006-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 15:00 Sample Matrix.....: Water						Laboratory Sample ID: 233126-5 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 2012	jdj
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	1,1-Dichloroethane	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	Acetone	10	U		1.8	10	1.00000	ug/L	139434		01/07/05 2012	jdj
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	139434		01/07/05 2012	jdj
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	139434		01/07/05 2012	jdj
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	139434		01/07/05 2012	jdj
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2012	jdj
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	139434		01/07/05 2012	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 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL5mw-006-GW			Laboratory Sample ID: 233126-5									
Date Sampled.....: 01/03/2005			Date Received.....: 01/04/2005									
Time Sampled.....: 15:00			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 2012	jdh
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2012	jdh
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2012	jdh
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	139434		01/07/05 2012	jdh
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	139434		01/07/05 2012	jdh
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	139434		01/07/05 2012	jdh
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	139434		01/07/05 2012	jdh
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	139434		01/07/05 2012	jdh
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	139434		01/07/05 2012	jdh
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	139434		01/07/05 2012	jdh
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	139434		01/07/05 2012	jdh

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233126

Date:01/11/2005

CUSTOMER: NKM Engineers, Inc.

PROJECT: USACE RVAAP 14 AOCs

ATTN: Eric Ellis

Customer Sample ID: LL5mw-006-GW
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-5
 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	5.1	U	0.36	5.1	1.00000	ug/L	139165		01/06/05 1219	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U	0.31	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U	0.44	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U	0.34	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U	0.36	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	Benzyl alcohol, Low Level Water	20	U	2.2	20	1.00000	ug/L	139165		01/06/05 1219	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U	0.27	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U	0.29	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.51	U	0.083	0.51	1.00000	ug/L	139165		01/06/05 1219	dpk
	Hexachloroethane, Low Level Water	5.1	U	0.62	5.1	1.00000	ug/L	139165		01/06/05 1219	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U	0.10	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	2-Chlorophenol, Low Level Water	5.1	U	0.12	5.1	1.00000	ug/L	139165		01/06/05 1219	dpk
	Nitrobenzene, Low Level Water	1.0	U	0.16	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U	0.32	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U	0.35	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	Benzoic acid, Low Level Water	20	U	3.1	20	1.00000	ug/L	139165		01/06/05 1219	dpk
	Isophorone, Low Level Water	2.0	U	0.27	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	2,4-Dimethylphenol, Low Level Water	10	U	1.3	10	1.00000	ug/L	139165		01/06/05 1219	dpk
	Hexachlorobutadiene, Low Level Water	5.1	U	0.65	5.1	1.00000	ug/L	139165		01/06/05 1219	dpk
	Naphthalene, Low Level Water	1.0	U	0.16	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	2,4-Dichlorophenol, Low Level Water	10	U	0.93	10	1.00000	ug/L	139165		01/06/05 1219	dpk
	4-Chloroaniline, Low Level Water	10	U	2.9	10	1.00000	ug/L	139165		01/06/05 1219	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.1	U	0.21	5.1	1.00000	ug/L	139165		01/06/05 1219	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U	1.4	10	1.00000	ug/L	139165		01/06/05 1219	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U	0.66	20	1.00000	ug/L	139165		01/06/05 1219	dpk
	2-Methylnaphthalene, Low Level Water	0.51	U	0.13	0.51	1.00000	ug/L	139165		01/06/05 1219	dpk
	2-Nitroaniline, Low Level Water	5.1	U	0.22	5.1	1.00000	ug/L	139165		01/06/05 1219	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U	0.27	2.0	1.00000	ug/L	139165		01/06/05 1219	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 TA AOCs

ATTN: ERIC ELLIS

Customer Sample ID: LL5mw-006-GW
 Date Sampled.....: 01/03/2005
 Time Sampled.....: 15:00
 Sample Matrix.....: Water

Laboratory Sample ID: 233126-5
 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		2.4	10	1.00000	ug/L	139165		01/06/05 1219	dpk
	2,6-Dinitrotoluene, Low Level Water	0.51	U		0.11	0.51	1.00000	ug/L	139165		01/06/05 1219	dpk
	2-Nitrophenol, Low Level Water	10	U		0.84	10	1.00000	ug/L	139165		01/06/05 1219	dpk
	3-Nitroaniline, Low Level Water	10	U		2.1	10	1.00000	ug/L	139165		01/06/05 1219	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.4	20	1.00000	ug/L	139165		01/06/05 1219	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	4-Nitrophenol, Low Level Water	20	U		3.8	20	1.00000	ug/L	139165		01/06/05 1219	dpk
	fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	4-Nitroaniline, Low Level Water	10	U		2.3	10	1.00000	ug/L	139165		01/06/05 1219	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.1	U		0.19	5.1	1.00000	ug/L	139165		01/06/05 1219	dpk
	Hexachlorobenzene, Low Level Water	0.51	U		0.099	0.51	1.00000	ug/L	139165		01/06/05 1219	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.1	U		0.77	5.1	1.00000	ug/L	139165		01/06/05 1219	dpk
	Pentachlorophenol, Low Level Water	10	U		1.7	10	1.00000	ug/L	139165		01/06/05 1219	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	139165		01/06/05 1219	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	Carbazole, Low Level Water	5.1	U		0.30	5.1	1.00000	ug/L	139165		01/06/05 1219	dpk
	Di-n-butyl phthalate, Low Level Water	5.1	U		0.37	5.1	1.00000	ug/L	139165		01/06/05 1219	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.40	2.0	1.00000	ug/L	139165		01/06/05 1219	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.050	0.20	1.00000	ug/L	139165		01/06/05 1219	dpk
	Chrysene, Low Level Water	0.51	U		0.046	0.51	1.00000	ug/L	139165		01/06/05 1219	dpk

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date: 01/11/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs			ATTN: Eric Ellett						
Customer Sample ID: LLSmw-006-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 15:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-5 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	5.1	U		0.73	5.1	1.00000	ug/L	139165		01/06/05 1219	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		4.0	15	1.00000	ug/L	139165		01/06/05 1219	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.6	10	1.00000	ug/L	139165		01/06/05 1219	dpk
	Benzo(b)fluoranthene, Low Level Water	0.41	U		0.068	0.41	1.00000	ug/L	139165		01/06/05 1219	dpk
	Benzo(k)fluoranthene, Low Level Water	0.41	U		0.073	0.41	1.00000	ug/L	139165		01/06/05 1219	dpk
	Benzo(a)pyrene, Low Level Water	0.41	U		0.086	0.41	1.00000	ug/L	139165		01/06/05 1219	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.41	U		0.088	0.41	1.00000	ug/L	139165		01/06/05 1219	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.41	U		0.13	0.41	1.00000	ug/L	139165		01/06/05 1219	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.19	1.0	1.00000	ug/L	139165		01/06/05 1219	dpk

* In Description = Dry Wgt.

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Job Number: 233126		LABORATORY TEST RESULTS						Date:01/12/2005				
CUSTOMER: HGH Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: ERIC ELITS					
Customer Sample ID: LL5mw-006-GW Date Sampled.....: 01/03/2005 Time Sampled.....: 15:00 Sample Matrix.....: Water			Laboratory Sample ID: 233126-5 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	0.53		U	0.12	0.53	1.00000	ug/L	139261		01/07/05 0536	san
	RDX	0.34		U	0.11	0.34	1.00000	ug/L	139261		01/07/05 0536	san
	1,3,5-Trinitrobenzene	0.34		U	0.10	0.34	1.00000	ug/L	139261		01/07/05 0536	san
	1,3-Dinitrobenzene	0.34		U	0.094	0.34	1.00000	ug/L	139261		01/07/05 0536	san
	Nitrobenzene	0.27		U	0.076	0.27	1.00000	ug/L	139261		01/07/05 0536	san
	2,4,6-TNT	0.43		U	0.13	0.43	1.00000	ug/L	139261		01/07/05 0536	san
	Tetryl	1.3		U	0.28	1.3	1.00000	ug/L	139261		01/07/05 0536	san
	2,4-Dinitrotoluene	0.62		U	0.21	0.62	1.00000	ug/L	139261		01/07/05 0536	san
	2,6-Dinitrotoluene	0.74		U	0.25	0.74	1.00000	ug/L	139261		01/07/05 0536	san
	2-Amino-4,6-Dinitrotoluene	0.62		U	0.20	0.62	1.00000	ug/L	139261		01/07/05 0536	san
	4-Amino-2,6-Dinitrotoluene	0.57		U	0.19	0.57	1.00000	ug/L	139261		01/07/05 0536	san
	2-Nitrotoluene	0.53		U	0.16	0.53	1.00000	ug/L	139261		01/07/05 0536	san
	4-Nitrotoluene	0.53		U	0.17	0.53	1.00000	ug/L	139261		01/07/05 0536	san
	3-Nitrotoluene	0.53		U	0.17	0.53	1.00000	ug/L	139261		01/07/05 0536	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233716 Date: 02/07/2005

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

Customer Sample ID: LL7mw-001-GW
 Date Sampled.....: 01/24/2005
 Time Sampled.....: 15:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233716-2
 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
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 1228	kd

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 02/04/2005

Job Number: 233716

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

Customer Sample ID: LL7mw-001-GW
 Date Sampled.....: 01/24/2005
 Time Sampled.....: 15:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233716-2
 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 2054	daj
7060A	Arsenic (GFAA) Arsenic	2.0	U		0.51	2.0	1	ug/L	140662		01/28/05 1455	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	140683		01/28/05 2123	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	140464		01/27/05 0225	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	140763		01/28/05 1346	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	35	B		24	150	1	ug/L	140536		01/28/05 0801	tds
	Barium	17			1.3	10	1	ug/L	140536		01/28/05 0801	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	140536		01/28/05 0801	tds
	Cadmium	0.25	B		0.25	2.0	1	ug/L	140998		02/03/05 0023	tds
	Calcium	45000			9.5	100	1	ug/L	140536		01/28/05 0801	tds
	Chromium	10	U		1.1	10	1	ug/L	140536		01/28/05 0801	tds
	Cobalt	4.9	B		0.80	5.0	1	ug/L	140536		01/28/05 0801	tds
	Copper	10	U		2.2	10	1	ug/L	140536		01/28/05 0801	tds
	Iron	5000			38	120	1	ug/L	140536		01/28/05 0801	tds
	Magnesium	13000			8.1	100	1	ug/L	140998		02/03/05 0023	tds
	Manganese	360			0.41	10	1	ug/L	140536		01/28/05 0801	tds
	Nickel	7.6	B		1.0	10	1	ug/L	140536		01/28/05 0801	tds
	Potassium	1100			66	500	1	ug/L	140536		01/28/05 0801	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233716 Date: 02/04/2005

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

Customer Sample ID: LL7mw-001-GW
 Date Sampled.....: 01/24/2005
 Time Sampled.....: 15:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233716-2
 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
	Selenium	15	U		3.0	15	1	ug/L	140536		01/28/05 0801	tds
	Silver	10	U		0.72	10	1	ug/L	140536		01/28/05 0801	tds
	Sodium	8500			490	1500	1	ug/L	140642		01/28/05 2217	tds
	Vanadium	10	U		1.0	10	1	ug/L	140536		01/28/05 0801	tds
	Zinc	40			1.6	30	1	ug/L	140536		01/28/05 0801	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 AOCs				ATTN: Eric Ellis				
Customer Sample ID: LL7mw-001-GW					Laboratory Sample ID: 233716-2							
Date Sampled.....: 01/24/2005					Date Received.....: 01/25/2005							
Time Sampled.....: 15:30					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
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	141101		01/28/05 0949	kdl
	beta-BHC	0.099	U		0.028	0.099	1.00000	ug/L	141101		01/28/05 0949	kdl
	delta-BHC	0.099	U		0.025	0.099	1.00000	ug/L	141101		01/28/05 0949	kdl
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	141101		01/28/05 0949	kdl
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	141101		01/28/05 0949	kdl
	Aldrin	0.099	U		0.028	0.099	1.00000	ug/L	141101		01/28/05 0949	kdl
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	141101		01/28/05 0949	kdl
	Endosulfan I	0.099	U		0.021	0.099	1.00000	ug/L	141101		01/28/05 0949	kdl
	Dieldrin	0.099	U		0.018	0.099	1.00000	ug/L	141101		01/28/05 0949	kdl
	4,4'-DDE	0.099	U		0.023	0.099	1.00000	ug/L	141101		01/28/05 0949	kdl
	Endrin	0.099	U		0.017	0.099	1.00000	ug/L	141101		01/28/05 0949	kdl
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	141101		01/28/05 0949	kdl
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	141101		01/28/05 0949	kdl
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	141101		01/28/05 0949	kdl
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	141101		01/28/05 0949	kdl
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	141101		01/28/05 0949	kdl
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	141101		01/28/05 0949	kdl
	gamma-Chlordane	0.099	U		0.017	0.099	1.00000	ug/L	141101		01/28/05 0949	kdl
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	141101		01/28/05 0949	kdl
	Endrin ketone	0.099	U		0.029	0.099	1.00000	ug/L	141101		01/28/05 0949	kdl
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	141101		01/28/05 0949	kdl

* In Description = Dry Wgt.

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Job Number: 233716		LABORATORY TEST RESULTS							Date:02/01/2005			
CUSTOMER: HKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis					
Customer Sample ID: LL7mw-001-GW Date Sampled.....: 01/24/2005 Time Sampled.....: 15:30 Sample Matrix.....: Water			Laboratory Sample ID: 233716-2 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	0.59	U		0.18	0.59	1.00000	ug/L	140817		01/27/05 1727	bjt
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	140817		01/27/05 1727	bjt
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	140817		01/27/05 1727	bjt
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	140817		01/27/05 1727	bjt
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	140817		01/27/05 1727	bjt
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	140817		01/27/05 1727	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	140817		01/27/05 1727	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Date: 02/08/2005

Job Number: 233716

CUSTOMER: MCH Engineers, Inc.

PROJECT: USACE RVAAP 14 ACOS

ATTN: Eric Ellis

Customer Sample ID: LL7mw-001-GW
 Date Sampled.....: 01/24/2005
 Time Sampled.....: 15:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233716-2
 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 0645	Lm	
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Vinyl chloride	1.0	U	*	0.10	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Bromomethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Chloroethane	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	1,1-Dichloroethene	2.6	U		0.20	5.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Carbon disulfide	5.0	U		1.8	10	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Acetone	10	U		0.35	1.5	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Methylene chloride	1.5	U		0.14	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	trans-1,2-Dichloroethene	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	1,1-Dichloroethane	2.2	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	cis-1,2-Dichloroethene	1.0	U		1.2	10	1.00000	ug/L	140908		02/02/05 0645	Lm	
	2-Butanone (MEK)	10	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Bromochloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Chloroform	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	1,1,1-Trichloroethane	10	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Carbon tetrachloride	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	1,2-Dichloroethane	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Trichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	1,2-Dichloropropane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Bromodichloromethane	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	cis-1,3-Dichloropropene	1.0	U		0.65	10	1.00000	ug/L	140908		02/02/05 0645	Lm	
	4-Methyl-2-pentanone (MIBK)	10	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Toluene	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	1,1,2-Trichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0645	Lm	
	Tetrachloroethene	1.0	U		0.53	10	1.00000	ug/L	140908		02/02/05 0645	Lm	
	2-Hexanone	10	U										

* In Description = Dry Wgt.

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Job Number: 233716	LABORATORY TEST RESULTS	Date: 02/08/2005
CUSTOMER: MKK Engineers, Inc.	PROJECT: USACE RYANP 14 AGCS	ATTN: Eric Ellis

Customer Sample ID: LL7mw-001-GW
 Date Sampled.....: 01/24/2005
 Time Sampled.....: 15:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233716-2
 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
	Dibromochloromethane	1.0	U		0.060	1.0	1.00000	ug/L	140908		02/02/05 0645	lm
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0645	lm
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0645	lm
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140908		02/02/05 0645	lm
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140908		02/02/05 0645	lm
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0645	lm
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0645	lm
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0645	lm
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0645	lm
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	140908		02/02/05 0645	lm
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140908		02/02/05 0645	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 BVAAP 14 AOC5			ATTN: Eric Ellis			
Customer Sample ID: LL7mw-001-GW Date Sampled: 01/24/2005 Time Sampled: 15:30 Sample Matrix: Water						Laboratory Sample ID: 233716-2 Date Received: 01/25/2005 Time Received: 09:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDE	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics	5.0	U		0.35	5.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Phenol, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		2.2	20	1.00000	ug/L	141359		01/31/05 1341	dpk
	Benzyl alcohol, Low Level Water	20	U		0.26	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.080	0.50	1.00000	ug/L	141359		01/31/05 1341	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.50	U		0.60	5.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Hexachloroethane, Low Level Water	5.0	U		0.099	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.12	5.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	2-Chlorophenol, Low Level Water	5.0	U		0.16	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk
	Nitrobenzene, Low Level Water	0.99	U		0.31	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		3.0	20	1.00000	ug/L	141359		01/31/05 1341	dpk
	Benzoic acid, Low Level Water	20	U		0.26	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Isophorone, Low Level Water	2.0	U		1.3	9.9	1.00000	ug/L	141359		01/31/05 1341	dpk
	2,4-Dimethylphenol, Low Level Water	9.9	U		0.63	5.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Hexachlorobutadiene, Low Level Water	5.0	U		0.16	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk
	Naphthalene, Low Level Water	0.99	U		0.90	9.9	1.00000	ug/L	141359		01/31/05 1341	dpk
	2,4-Dichlorophenol, Low Level Water	9.9	U		2.8	9.9	1.00000	ug/L	141359		01/31/05 1341	dpk
	4-Chloroaniline, Low Level Water	9.9	U		0.21	5.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.0	U		1.4	9.9	1.00000	ug/L	141359		01/31/05 1341	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.9	U		0.64	20	1.00000	ug/L	141359		01/31/05 1341	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.13	0.50	1.00000	ug/L	141359		01/31/05 1341	dpk
	2-Methylnaphthalene, Low Level Water	0.50	U		0.22	5.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	2-Nitroaniline, Low Level Water	5.0	U		0.26	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U									

* 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-001-GW Date Sampled.....: 01/24/2005 Time Sampled.....: 15:30 Sample Matrix.....: Water						Laboratory Sample ID: 233716-2 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	9.9	U		2.4	9.9	1.00000	ug/L	141359		01/31/05 1341	dpk
	2,6-Dinitrotoluene, Low Level Water	0.50	U		0.11	0.50	1.00000	ug/L	141359		01/31/05 1341	dpk
	2-Nitrophenol, Low Level Water	9.9	U		0.81	9.9	1.00000	ug/L	141359		01/31/05 1341	dpk
	3-Nitroaniline, Low Level Water	9.9	U		2.1	9.9	1.00000	ug/L	141359		01/31/05 1341	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.3	20	1.00000	ug/L	141359		01/31/05 1341	dpk
	Acenaphthylene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk
	2,4-Dinitrotoluene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk
	Acenaphthene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	4-Nitrophenol, Low Level Water	20	U		3.7	20	1.00000	ug/L	141359		01/31/05 1341	dpk
	Fluorene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk
	4-Nitroaniline, Low Level Water	9.9	U		2.3	9.9	1.00000	ug/L	141359		01/31/05 1341	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.0	U		0.19	5.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Hexachlorobenzene, Low Level Water	0.50	U		0.096	0.50	1.00000	ug/L	141359		01/31/05 1341	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.0	U		0.74	5.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Pentachlorophenol, Low Level Water	9.9	U		1.7	9.9	1.00000	ug/L	141359		01/31/05 1341	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	141359		01/31/05 1341	dpk
	Phenanthrene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk
	Anthracene, Low Level Water	0.99	U		0.15	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk
	Carbazole, Low Level Water	5.0	U		0.29	5.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Di-n-butyl phthalate, Low Level Water	5.0	U		0.36	5.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Fluoranthene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk
	Pyrene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.39	2.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.049	0.20	1.00000	ug/L	141359		01/31/05 1341	dpk
	Chrysene, Low Level Water	0.50	U		0.045	0.50	1.00000	ug/L	141359		01/31/05 1341	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 RYAAP 14 AQCS				ATTN: Eric Ellis				
Customer Sample ID: LL7mw-001-GW Date Sampled.....: 01/24/2005 Time Sampled.....: 15:30 Sample Matrix.....: Water						Laboratory Sample ID: 233716-2 Date Received.....: 01/25/2005 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	5.0	U		0.71	5.0	1.00000	ug/L	141359		01/31/05 1341	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.9	15	1.00000	ug/L	141359		01/31/05 1341	dpk
	Di-n-octyl phthalate, Low Level Water	9.9	U		2.5	9.9	1.00000	ug/L	141359		01/31/05 1341	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40	U		0.066	0.40	1.00000	ug/L	141359		01/31/05 1341	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40	U		0.071	0.40	1.00000	ug/L	141359		01/31/05 1341	dpk
	Benzo(a)pyrene, Low Level Water	0.40	U		0.083	0.40	1.00000	ug/L	141359		01/31/05 1341	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40	U		0.085	0.40	1.00000	ug/L	141359		01/31/05 1341	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40	U		0.13	0.40	1.00000	ug/L	141359		01/31/05 1341	dpk
	Benzo(ghi)perylene, Low Level Water	0.99	U		0.19	0.99	1.00000	ug/L	141359		01/31/05 1341	dpk

* In Description = Dry Wgt.

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Job Number: 233716

LABORATORY TEST RESULTS

Date: 02/04/2005

CUSTOMER: HKM Engineers, Inc.

PROJECT: USACE RYAAP 14 ADGS

ATTN: Eric Ellis

Customer Sample ID: LL7mw-001-GW
 Date Sampled.....: 01/24/2005
 Time Sampled.....: 15:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233716-2
 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 1256	san
	RDX	0.20	U		0.064	0.20	1.00000	ug/L	141167		01/26/05 1256	san
	1,3,5-Trinitrobenzene	0.20	U		0.058	0.20	1.00000	ug/L	141167		01/26/05 1256	san
	1,3-Dinitrobenzene	0.20	U		0.055	0.20	1.00000	ug/L	141167		01/26/05 1256	san
	Nitrobenzene	0.16	U		0.044	0.16	1.00000	ug/L	141167		01/26/05 1256	san
	2,4,6-TNT	0.25	U		0.078	0.25	1.00000	ug/L	141167		01/26/05 1256	san
	Tetryl	0.78	U		0.16	0.78	1.00000	ug/L	141167		01/26/05 1256	san
	2,4-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	141167		01/26/05 1256	san
	2,6-Dinitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	141167		01/26/05 1256	san
	2-Amino-4,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	141167		01/26/05 1256	san
	4-Amino-2,6-Dinitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	141167		01/26/05 1256	san
	2-Nitrotoluene	0.31	U		0.093	0.31	1.00000	ug/L	141167		01/26/05 1256	san
	4-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	141167		01/26/05 1256	san
	3-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	141167		01/26/05 1256	san
8332M	NG/PETN by 8332M (NPLC)											
	Nitroglycerine	1.0	U		0.15	1.0	1.00000	ug/L	141173		01/27/05 0322	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LL7mw-001-GW

Trace Level Organic Compounds

Lot-Sample #....: G5A260339-005 Work Order #....: G29HG1AC
Date Sampled....: 01/24/05 15:30 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

Matrix.....: WATER

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-001-GW

General Chemistry

Lot-Sample #....: G5A260339-005
Date Sampled....: 01/24/05

Work Order #....: G29HG
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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LABORATORY TEST RESULTS

Job Number: 233685 Date: 02/07/2005

CUSTOMER: MKM Engineers, Inc. PROJECT: USACE RVAAP T4 AOCs ATTN: Eric Ellis

Customer Sample ID: LL7mw-002-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-3
 Date Received.....: 01/22/2005
 Time Received.....: 10:00

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)	0.33			0.057	0.20	1	mg/L	140461		01/27/05 1225	kd

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233685						Date: 02/03/2005						
CUSTOMER: NQH Engineers, Inc.				PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis				
Customer Sample ID: LL7mw-002-GW Date Sampled: 01/21/2005 Time Sampled: 09:20 Sample Matrix: Water						Laboratory Sample ID: 233685-3 Date Received: 01/22/2005 Time Received: 10:00						
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	140534		01/27/05 1929	daj
7060A	Arsenic (GFAA) Arsenic	2.0		U	0.51	2.0	1	ug/L	140662		01/28/05 1420	daj
7421	Lead (GFAA) Lead	3.0		U	0.79	3.0	1	ug/L	140683		01/28/05 2002	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	140464		01/27/05 0042	daj
7470A	Mercury (CVAA) Mercury	0.20		U	0.063	0.20	1	ug/L	140763		01/28/05 1337	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	93		B	24	150	1	ug/L	140536		01/28/05 0247	tds
	Barium	34			1.3	10	1	ug/L	140536		01/28/05 0247	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	140536		01/28/05 0247	tds
	Cadmium	0.35		B	0.25	2.0	1	ug/L	140536		01/28/05 0247	tds
	Calcium	19000			9.5	100	1	ug/L	140536		01/28/05 0247	tds
	Chromium	10		U	1.1	10	1	ug/L	140536		01/28/05 0247	tds
	Cobalt	2.2		B	0.80	5.0	1	ug/L	140536		01/28/05 0247	tds
	Copper	10		U	2.2	10	1	ug/L	140536		01/28/05 0247	tds
	Iron	7900			38	120	1	ug/L	140536		01/28/05 0247	tds
	Magnesium	6100			8.1	100	1	ug/L	140536		01/28/05 0247	tds
	Manganese	360			0.41	10	1	ug/L	140536		01/28/05 0247	tds
	Nickel	6.5		B	1.0	10	1	ug/L	140536		01/28/05 0247	tds
	Potassium	1300			66	500	1	ug/L	140536		01/28/05 0247	tds

* In Description = Dry Wgt.

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Job Number: 233685		LABORATORY TEST RESULTS						Date: 02/03/2005				
CUSTOMER: NICH Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL7mw-002-GW Date Sampled.....: 01/21/2005 Time Sampled.....: 09:20 Sample Matrix.....: Water			Laboratory Sample ID: 233685-3 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
	Selenium	15	U		3.0	15	1	ug/L	140536		01/28/05 0247	tds
	Silver	10	U		0.72	10	1	ug/L	140536		01/28/05 0247	tds
	Sodium	2900			490	1500	1	ug/L	140642		01/28/05 2033	tds
	Vanadium	10	U		1.0	10	1	ug/L	140536		01/28/05 0247	tds
	Zinc	15	B		1.6	30	1	ug/L	140536		01/28/05 0247	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 ADCS ATTN: Eric Ellis

Customer Sample ID: LL7mw-002-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-3
 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
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	141140		01/27/05 0200	bjt
	beta-BHC	0.10	U		0.028	0.10	1.00000	ug/L	141140		01/27/05 0200	bjt
	delta-BHC	0.10	U		0.025	0.10	1.00000	ug/L	141140		01/27/05 0200	bjt
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	141140		01/27/05 0200	bjt
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	141140		01/27/05 0200	bjt
	Aldrin	0.10	U		0.028	0.10	1.00000	ug/L	141140		01/27/05 0200	bjt
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	141140		01/27/05 0200	bjt
	Endosulfan I	0.10	U		0.021	0.10	1.00000	ug/L	141140		01/27/05 0200	bjt
	Dieldrin	0.10	U		0.018	0.10	1.00000	ug/L	141140		01/27/05 0200	bjt
	4,4'-DDE	0.10	U		0.023	0.10	1.00000	ug/L	141140		01/27/05 0200	bjt
	Endrin	0.10	U		0.017	0.10	1.00000	ug/L	141140		01/27/05 0200	bjt
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	141140		01/27/05 0200	bjt
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	141140		01/27/05 0200	bjt
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	141140		01/27/05 0200	bjt
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	141140		01/27/05 0200	bjt
	Methoxychlor	0.60	U		0.17	0.60	1.00000	ug/L	141140		01/27/05 0200	bjt
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	141140		01/27/05 0200	bjt
	gamma-Chlordane	0.10	U		0.017	0.10	1.00000	ug/L	141140		01/27/05 0200	bjt
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	141140		01/27/05 0200	bjt
	Endrin ketone	0.10	U		0.029	0.10	1.00000	ug/L	141140		01/27/05 0200	bjt
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	141140		01/27/05 0200	bjt

* In Description = Dry Wgt.

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Job Number: 233685		LABORATORY TEST RESULTS						Date:02/04/2005			
CUSTOMER: MKH Engineers, Inc.			PROJECT: USACE RVAAP 14 ROCS				ATTN: Eric Ellis				
Customer Sample ID: LL7mw-002-GW			Laboratory Sample ID: 233685-3								
Date Sampled.....: 01/21/2005			Date Received.....: 01/22/2005								
Time Sampled.....: 09:20			Time Received.....: 10:00								
Sample Matrix.....: Water											
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	PDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis	0.60	U	0.18	0.60	1.00000	ug/L	141003		01/25/05 2311	bjt
	Aroclor 1016	1.3	U	0.42	1.3	1.00000	ug/L	141003		01/25/05 2311	bjt
	Aroclor 1221	1.3	U	0.35	1.3	1.00000	ug/L	141003		01/25/05 2311	bjt
	Aroclor 1232	1.3	U	0.43	1.3	1.00000	ug/L	141003		01/25/05 2311	bjt
	Aroclor 1242	1.5	U	0.48	1.5	1.00000	ug/L	141003		01/25/05 2311	bjt
	Aroclor 1248	1.3	U	0.35	1.3	1.00000	ug/L	141003		01/25/05 2311	bjt
	Aroclor 1254	0.60	U	0.17	0.60	1.00000	ug/L	141003		01/25/05 2311	bjt
	Aroclor 1260										

* 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 AOC5 ATTN: Eric Ellis

Customer Sample ID: L17mw-002-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-3
 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
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Vinyl chloride	1.0	U	*	0.080	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Bromomethane	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Acetone	10	U		1.8	10	1.00000	ug/L	140908		02/02/05 0454	lm
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140908		02/02/05 0454	lm
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140908		02/02/05 0454	lm
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140908		02/02/05 0454	lm
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140908		02/02/05 0454	lm

* In Description = Dry Wgt.

LABORATORY TEST RESULTS												
Job Number: 233685								Date: 02/03/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AGCS				ATTN: Eric Ellis				
Customer Sample ID: LL7mw-002-GW						Laboratory Sample ID: 233685-3						
Date Sampled: 01/21/2005						Date Received: 01/22/2005						
Time Sampled: 09:20						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	140908		02/02/05 0454	lm
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140908		02/02/05 0454	lm
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	140908		02/02/05 0454	lm
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140908		02/02/05 0454	lm

* 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 AGCS				ATTN: Eric Ellis				
Customer Sample ID: LL7mw-002-GW Date Sampled.....: 01/21/2005 Time Sampled.....: 09:20 Sample Matrix.....: Water						Laboratory Sample ID: 233685-3 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
8270C	Semivolatle Organics											
	Phenol, Low Level Water	5.0	U		0.35	5.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	141183		01/31/05 0730	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.50	U		0.081	0.50	1.00000	ug/L	141183		01/31/05 0730	dpk
	Hexachloroethane, Low Level Water	5.0	U		0.61	5.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.10	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	2-Chlorophenol, Low Level Water	5.0	U		0.12	5.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Nitrobenzene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	141183		01/31/05 0730	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	2,4-Dimethylphenol, Low Level Water	10	U		1.3	10	1.00000	ug/L	141183		01/31/05 0730	dpk
	Hexachlorobutadiene, Low Level Water	5.0	U		0.64	5.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Naphthalene, Low Level Water	1.0	U		0.16	1.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	2,4-Dichlorophenol, Low Level Water	10	U		0.91	10	1.00000	ug/L	141183		01/31/05 0730	dpk
	4-Chloroaniline, Low Level Water	10	U		2.8	10	1.00000	ug/L	141183		01/31/05 0730	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.0	U		0.21	5.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	2,4,5-Trichlorophenol, Low Level Water	10	U		1.4	10	1.00000	ug/L	141183		01/31/05 0730	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.65	20	1.00000	ug/L	141183		01/31/05 0730	dpk
	2-Methylnaphthalene, Low Level Water	0.50	U		0.13	0.50	1.00000	ug/L	141183		01/31/05 0730	dpk
	2-Nitroaniline, Low Level Water	5.0	U		0.22	5.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk

* In Description = Dry Wgt.

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Job Number: 233685		LABORATORY TEST RESULTS						Date:02/04/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOGS				ATTN: Eric ELLIS					
Customer Sample ID: LL7mw-002-GW			Laboratory Sample ID: 233685-3									
Date Sampled.....: 01/21/2005			Date Received.....: 01/22/2005									
Time Sampled.....: 09:20			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
	4-Chloro-3-methylphenol, Low Level Water	10	U		2.4	10	1.00000	ug/L	141183		01/31/05 0730	dpk
	2,6-Dinitrotoluene, Low Level Water	0.50	U		0.11	0.50	1.00000	ug/L	141183		01/31/05 0730	dpk
	2-Nitrophenol, Low Level Water	10	U		0.82	10	1.00000	ug/L	141183		01/31/05 0730	dpk
	3-Nitroaniline, Low Level Water	10	U		2.1	10	1.00000	ug/L	141183		01/31/05 0730	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.3	20	1.00000	ug/L	141183		01/31/05 0730	dpk
	Acenaphthylene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	2,4-Dinitrotoluene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Acenaphthene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	4-Nitrophenol, Low Level Water	20	U		3.7	20	1.00000	ug/L	141183		01/31/05 0730	dpk
	Fluorene, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	4-Nitroaniline, Low Level Water	10	U		2.3	10	1.00000	ug/L	141183		01/31/05 0730	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.0	U		0.19	5.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Hexachlorobenzene, Low Level Water	0.50	U		0.097	0.50	1.00000	ug/L	141183		01/31/05 0730	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.0	U		0.75	5.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Pentachlorophenol, Low Level Water	10	U		1.7	10	1.00000	ug/L	141183		01/31/05 0730	dpk
	n-Nitrosodiphenylamine, Low Level Water	1.0	U		0.13	1.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	141183		01/31/05 0730	dpk
	Phenanthrene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Anthracene, Low Level Water	1.0	U		0.15	1.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Carbazole, Low Level Water	5.0	U		0.29	5.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Di-n-butyl phthalate, Low Level Water	5.0	U		0.36	5.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Fluoranthene, Low Level Water	1.0	U		0.14	1.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Pyrene, Low Level Water	1.0	U		0.12	1.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.39	2.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.049	0.20	1.00000	ug/L	141183		01/31/05 0730	dpk
	Chrysene, Low Level Water	0.50	U		0.045	0.50	1.00000	ug/L	141183		01/31/05 0730	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233685 Date: 02/04/2005

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

Customer Sample ID: LL7mw-002-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-3
 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
	3,3-Dichlorobenzidine, Low Level Water	5.0	U		0.72	5.0	1.00000	ug/L	141183		01/31/05 0730	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15	U		3.9	15	1.00000	ug/L	141183		01/31/05 0730	dpk
	Di-n-octyl phthalate, Low Level Water	10	U		2.5	10	1.00000	ug/L	141183		01/31/05 0730	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40	U		0.067	0.40	1.00000	ug/L	141183		01/31/05 0730	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40	U		0.072	0.40	1.00000	ug/L	141183		01/31/05 0730	dpk
	Benzo(a)pyrene, Low Level Water	0.40	U		0.084	0.40	1.00000	ug/L	141183		01/31/05 0730	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40	U		0.086	0.40	1.00000	ug/L	141183		01/31/05 0730	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40	U		0.13	0.40	1.00000	ug/L	141183		01/31/05 0730	dpk
	Benzo(ghi)perylene, Low Level Water	1.0	U		0.19	1.0	1.00000	ug/L	141183		01/31/05 0730	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 RVAAP 14 ADCS

ATTN: Eric Ellis

Customer Sample ID: LL7mw-002-GW
 Date Sampled.....: 01/21/2005
 Time Sampled.....: 09:20
 Sample Matrix.....: Water

Laboratory Sample ID: 233685-3
 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 2207	san
	RDX	0.20	U		0.064	0.20	1.00000	ug/L	140977		01/25/05 2207	san
	1,3,5-Trinitrobenzene	0.20	U		0.058	0.20	1.00000	ug/L	140977		01/25/05 2207	san
	1,3-Dinitrobenzene	0.20	U		0.055	0.20	1.00000	ug/L	140977		01/25/05 2207	san
	Nitrobenzene	0.16	U		0.044	0.16	1.00000	ug/L	140977		01/25/05 2207	san
	2,4,6-TNT	0.25	U		0.078	0.25	1.00000	ug/L	140977		01/25/05 2207	san
	Tetryl	0.78	U		0.16	0.78	1.00000	ug/L	140977		01/25/05 2207	san
	2,4-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	140977		01/25/05 2207	san
	2,6-Dinitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	140977		01/25/05 2207	san
	2-Amino-4,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	140977		01/25/05 2207	san
	4-Amino-2,6-Dinitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	140977		01/25/05 2207	san
	2-Nitrotoluene	0.31	U		0.093	0.31	1.00000	ug/L	140977		01/25/05 2207	san
	4-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	140977		01/25/05 2207	san
3-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	140977		01/25/05 2207	san	
8332M	NG/PETN by 8332M (HPLC)											
Nitroglycerine	1.0	U		0.15	1.0	1.00000	ug/L	141033		01/26/05 2238	san	

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LL7mw-002-GW

Trace Level Organic Compounds

Lot-Sample #...: G5A220174-001 Work Order #...: G233D1AC Matrix.....: WATER
Date Sampled...: 01/21/05 09:20 Date Received...: 01/22/05
Prep Date.....: 01/26/05 Analysis Date...: 01/26/05
Prep Batch #...: 5026288
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-002-GW

General Chemistry

Lot-Sample #...: G5A220174-001
Date Sampled...: 01/21/05

Work Order #...: G233D
Date Received...: 01/22/05

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	01/26-01/28/05	5027495
		MDL.....: 0.12				

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Job Number: 233742		LABORATORY TEST RESULTS						Date:02/07/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USACE RVAAP IA AOCs				ATTN: Eric Ellis					
Customer Sample ID: LL7mw-003-GW Date Sampled.....: 01/25/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 233742-1 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 1229	kd

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233742

Date: 02/08/2005

CUSTOMER: HKM Engineers, Inc.

PROJECT: USACE RYAAP 14 AOCS

ATTN: Eric Ellis

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

Laboratory Sample ID: 233742-1
 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
7041	Antimony (GFAA) Antimony	7.5		U	2.5	7.5	1	ug/L	140904		02/01/05 1326	daj
7060A	Arsenic (GFAA) Arsenic	0.92		B	0.51	2.0	1	ug/L	141028		02/02/05 1108	daj
7421	Lead (GFAA) Lead	3.0		U	0.79	3.0	1	ug/L	141171		02/03/05 1905	daj
7841	Thallium (GFAA) Thallium	4.0		U	1.3	4.0	1	ug/L	140803		02/01/05 0010	daj
7470A	Mercury (CVAA) Mercury	0.24			0.063	0.20	1	ug/L	140548		01/27/05 1648	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	26		B	24	150	1	ug/L	140998		02/03/05 0105	tds
	Barium	47			1.3	10	1	ug/L	140998		02/03/05 0105	tds
	Beryllium	2.0		U	0.25	2.0	1	ug/L	140998		02/03/05 0105	tds
	Cadmium	2.0		U	0.25	2.0	1	ug/L	140998		02/03/05 0105	tds
	Calcium	13000			9.5	100	1	ug/L	140998		02/03/05 0105	tds
	Chromium	10		U	1.1	10	1	ug/L	140998		02/03/05 0105	tds
	Cobalt	7.6			0.80	5.0	1	ug/L	140998		02/03/05 0105	tds
	Copper	10		U	2.2	10	1	ug/L	140998		02/03/05 0105	tds
	Iron	17000			38	120	1	ug/L	140998		02/03/05 0105	tds
	Magnesium	4800			8.1	100	1	ug/L	140998		02/03/05 0105	tds
	Manganese	1500			0.41	10	1	ug/L	140998		02/03/05 0105	tds
	Nickel	11			1.0	10	1	ug/L	140998		02/03/05 0105	tds
	Potassium	1300			66	500	1	ug/L	140998		02/03/05 0105	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 RVKAP 14 ADCS				ATTN: Eric Ellis					
Customer Sample ID: LL7mw-003-GW			Laboratory Sample ID: 233742-1									
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
	Selenium	15		U	3.0	15	1	ug/L	140998		02/03/05 0105	tds
	Silver	10		U	0.72	10	1	ug/L	140998		02/03/05 0105	tds
	Sodium	3500			490	1500	1	ug/L	140998		02/03/05 0105	tds
	Vanadium	10		U	1.0	10	1	ug/L	140998		02/03/05 0105	tds
	Zinc	34			1.6	30	1	ug/L	140998		02/03/05 0105	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233742 Date: 02/08/2005

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

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

Laboratory Sample ID: 233742-1
 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		0.046	0.15	1.00000	ug/L	141474		02/03/05 2149	kdl
	beta-BHC	0.098	U		0.027	0.098	1.00000	ug/L	141474		02/03/05 2149	kdl
	delta-BHC	0.098	U		0.025	0.098	1.00000	ug/L	141474		02/03/05 2149	kdl
	gamma-BHC (Lindane)	0.15	U		0.041	0.15	1.00000	ug/L	141474		02/03/05 2149	kdl
	Heptachlor	0.15	U		0.040	0.15	1.00000	ug/L	141474		02/03/05 2149	kdl
	Aldrin	0.098	U		0.027	0.098	1.00000	ug/L	141474		02/03/05 2149	kdl
	Heptachlor epoxide	0.15	U		0.035	0.15	1.00000	ug/L	141474		02/03/05 2149	kdl
	Endosulfan I	0.098	U		0.021	0.098	1.00000	ug/L	141474		02/03/05 2149	kdl
	Dieldrin	0.098	U		0.018	0.098	1.00000	ug/L	141474		02/03/05 2149	kdl
	4,4'-DDE	0.098	U		0.023	0.098	1.00000	ug/L	141474		02/03/05 2149	kdl
	Endrin	0.098	U		0.017	0.098	1.00000	ug/L	141474		02/03/05 2149	kdl
	Endosulfan II	0.15	U		0.041	0.15	1.00000	ug/L	141474		02/03/05 2149	kdl
	4,4'-DDD	0.11	U		0.035	0.11	1.00000	ug/L	141474		02/03/05 2149	kdl
	Endosulfan sulfate	0.15	U		0.043	0.15	1.00000	ug/L	141474		02/03/05 2149	kdl
	4,4'-DDT	0.15	U		0.048	0.15	1.00000	ug/L	141474		02/03/05 2149	kdl
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	141474		02/03/05 2149	kdl
	alpha-Chlordane	0.049	U		0.016	0.049	1.00000	ug/L	141474		02/03/05 2149	kdl
	gamma-Chlordane	0.098	U		0.017	0.098	1.00000	ug/L	141474		02/03/05 2149	kdl
	Endrin aldehyde	0.15	U		0.034	0.15	1.00000	ug/L	141474		02/03/05 2149	kdl
	Endrin ketone	0.098	U		0.028	0.098	1.00000	ug/L	141474		02/03/05 2149	kdl
	Toxaphene	0.49	U		0.14	0.49	1.00000	ug/L	141474		02/03/05 2149	kdl

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233742								Date:02/09/2005				
CUSTOMER: MKM Engineers, Inc.				PROJECT: USACE RVAAP 14 AOCs				ATTN: Eric Ellis				
Customer Sample ID: LL7mw-003-GW Date Sampled.....: 01/25/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water						Laboratory Sample ID: 233742-1 Date Received.....: 01/26/2005 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	141488		01/28/05 1334	bjt
	Aroclor 1221	1.3	U		0.41	1.3	1.00000	ug/L	141488		01/28/05 1334	bjt
	Aroclor 1232	1.3	U		0.34	1.3	1.00000	ug/L	141488		01/28/05 1334	bjt
	Aroclor 1242	1.3	U		0.42	1.3	1.00000	ug/L	141488		01/28/05 1334	bjt
	Aroclor 1248	1.5	U		0.47	1.5	1.00000	ug/L	141488		01/28/05 1334	bjt
	Aroclor 1254	1.3	U		0.34	1.3	1.00000	ug/L	141488		01/28/05 1334	bjt
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	141488		01/28/05 1334	bjt

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

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-GW Date Sampled.....: 01/25/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 233742-1 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 0729	lm
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	Bromomethane	1.0	U	*	0.10	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	1,1-Dichloroethene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140908		02/02/05 0729	lm
	Acetone	10	U		1.8	10	1.00000	ug/L	140908		02/02/05 0729	lm
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140908		02/02/05 0729	lm
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140908		02/02/05 0729	lm
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140908		02/02/05 0729	lm
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0729	lm
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140908		02/02/05 0729	lm

* 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-003-GW			Laboratory Sample ID: 233742-1									
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 0729	Lm
	1,2-Dibromoethane (EDB)	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0729	Lm
	Chlorobenzene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0729	Lm
	Ethylbenzene	1.0	U		0.070	1.0	1.00000	ug/L	140908		02/02/05 0729	Lm
	m&p-Xylenes	2.0	U		0.18	2.0	1.00000	ug/L	140908		02/02/05 0729	Lm
	o-Xylene	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0729	Lm
	Styrene	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0729	Lm
	Bromoform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0729	Lm
	1,1,2,2-Tetrachloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0729	Lm
	1,2-Dichloroethene (total)	1.0	U		0.23	1.0	1.00000	ug/L	140908		02/02/05 0729	Lm
	Xylenes (total)	1.0	U		0.28	1.0	1.00000	ug/L	140908		02/02/05 0729	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-003-GW
 Date Sampled.....: 01/25/2005
 Time Sampled.....: 09:30
 Sample Matrix.....: Water

Laboratory Sample ID: 233742-1
 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	5.0	U		0.35	5.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	Bis(2-chloroethyl)ether, Low Level Water	2.0	U		0.30	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	1,3-Dichlorobenzene, Low Level Water	2.0	U		0.43	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	1,4-Dichlorobenzene, Low Level Water	2.0	U		0.33	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	1,2-Dichlorobenzene, Low Level Water	2.0	U		0.35	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	Benzyl alcohol, Low Level Water	20	U		2.2	20	1.00000	ug/L	141359		01/31/05 1404	dpk
	2-Methylphenol (o-cresol), Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	2.0	U		0.28	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	0.50	U		0.080	0.50	1.00000	ug/L	141359		01/31/05 1404	dpk
	Hexachloroethane, Low Level Water	5.0	U		0.60	5.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	2.0	U		0.099	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	2-Chlorophenol, Low Level Water	5.0	U		0.12	5.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	Nitrobenzene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	141359		01/31/05 1404	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	2.0	U		0.31	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	1,2,4-Trichlorobenzene, Low Level Water	2.0	U		0.34	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	Benzoic acid, Low Level Water	20	U		3.0	20	1.00000	ug/L	141359		01/31/05 1404	dpk
	Isophorone, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	2,4-Dimethylphenol, Low Level Water	9.9	U		1.3	9.9	1.00000	ug/L	141359		01/31/05 1404	dpk
	Hexachlorobutadiene, Low Level Water	5.0	U		0.63	5.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	Naphthalene, Low Level Water	0.99	U		0.16	0.99	1.00000	ug/L	141359		01/31/05 1404	dpk
	2,4-Dichlorophenol, Low Level Water	9.9	U		0.90	9.9	1.00000	ug/L	141359		01/31/05 1404	dpk
	4-Chloroaniline, Low Level Water	9.9	U		2.8	9.9	1.00000	ug/L	141359		01/31/05 1404	dpk
	2,4,6-Trichlorophenol, Low Level Water	5.0	U		0.21	5.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	2,4,5-Trichlorophenol, Low Level Water	9.9	U		1.4	9.9	1.00000	ug/L	141359		01/31/05 1404	dpk
	Hexachlorocyclopentadiene, Low Level Water	20	U		0.64	20	1.00000	ug/L	141359		01/31/05 1404	dpk
	2-Methylnaphthalene, Low Level Water	0.50	U		0.13	0.50	1.00000	ug/L	141359		01/31/05 1404	dpk
	2-Nitroaniline, Low Level Water	5.0	U		0.22	5.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	2-Chloronaphthalene, Low Level Water	2.0	U		0.26	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 233742

Date: 02/08/2005

CUSTOMER: MKM Engineers, Inc.

PROJECT: USAGE RVAAP 14 ACES

ATTN: Eric Ellis

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

Laboratory Sample ID: 233742-1
 Date Received.....: 01/26/2005
 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	9.9	U		2.4	9.9	1.00000	ug/L	141359		01/31/05 1404	dpk
	2,6-Dinitrotoluene, Low Level Water	0.50	U		0.11	0.50	1.00000	ug/L	141359		01/31/05 1404	dpk
	2-Nitrophenol, Low Level Water	9.9	U		0.81	9.9	1.00000	ug/L	141359		01/31/05 1404	dpk
	3-Nitroaniline, Low Level Water	9.9	U		2.1	9.9	1.00000	ug/L	141359		01/31/05 1404	dpk
	Dimethyl phthalate, Low Level Water	2.0	U		0.21	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	2,4-Dinitrophenol, Low Level Water	20	U		3.3	20	1.00000	ug/L	141359		01/31/05 1404	dpk
	Acenaphthylene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	141359		01/31/05 1404	dpk
	2,4-Dinitrotoluene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	141359		01/31/05 1404	dpk
	Acenaphthene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	141359		01/31/05 1404	dpk
	Dibenzofuran, Low Level Water	2.0	U		0.13	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	4-Nitrophenol, Low Level Water	20	U		3.7	20	1.00000	ug/L	141359		01/31/05 1404	dpk
	Fluorene, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	141359		01/31/05 1404	dpk
	4-Nitroaniline, Low Level Water	9.9	U		2.3	9.9	1.00000	ug/L	141359		01/31/05 1404	dpk
	4-Bromophenyl phenyl ether, Low Level Water	5.0	U		0.19	5.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	Hexachlorobenzene, Low Level Water	0.50	U		0.096	0.50	1.00000	ug/L	141359		01/31/05 1404	dpk
	Diethyl phthalate, Low Level Water	2.0	U		0.15	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	5.0	U		0.74	5.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	Pentachlorophenol, Low Level Water	9.9	U		1.7	9.9	1.00000	ug/L	141359		01/31/05 1404	dpk
	n-Nitrosodiphenylamine, Low Level Water	0.99	U		0.13	0.99	1.00000	ug/L	141359		01/31/05 1404	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	20	U		2.4	20	1.00000	ug/L	141359		01/31/05 1404	dpk
	Phenanthrene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	141359		01/31/05 1404	dpk
	Anthracene, Low Level Water	0.99	U		0.15	0.99	1.00000	ug/L	141359		01/31/05 1404	dpk
	Carbazole, Low Level Water	5.0	U		0.29	5.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	Di-n-butyl phthalate, Low Level Water	5.0	U		0.36	5.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	Fluoranthene, Low Level Water	0.99	U		0.14	0.99	1.00000	ug/L	141359		01/31/05 1404	dpk
	Pyrene, Low Level Water	0.99	U		0.12	0.99	1.00000	ug/L	141359		01/31/05 1404	dpk
	Butyl benzyl phthalate, Low Level Water	2.0	U		0.39	2.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	Benzo(a)anthracene, Low Level Water	0.20	U		0.049	0.20	1.00000	ug/L	141359		01/31/05 1404	dpk
	Chrysene, Low Level Water	0.50	U		0.045	0.50	1.00000	ug/L	141359		01/31/05 1404	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 RYAAP 14 ADCS ATTN: Eric Ellis

Customer Sample ID: LL7mw-003-GW Laboratory Sample ID: 233742-1
 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
	3,3-Dichlorobenzidine, Low Level Water	5.0		U	0.71	5.0	1.00000	ug/L	141359		01/31/05 1404	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	15		U	3.9	15	1.00000	ug/L	141359		01/31/05 1404	dpk
	Di-n-octyl phthalate, Low Level Water	9.9		U	2.5	9.9	1.00000	ug/L	141359		01/31/05 1404	dpk
	Benzo(b)fluoranthene, Low Level Water	0.40		U	0.066	0.40	1.00000	ug/L	141359		01/31/05 1404	dpk
	Benzo(k)fluoranthene, Low Level Water	0.40		U	0.071	0.40	1.00000	ug/L	141359		01/31/05 1404	dpk
	Benzo(a)pyrene, Low Level Water	0.40		U	0.083	0.40	1.00000	ug/L	141359		01/31/05 1404	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	0.40		U	0.085	0.40	1.00000	ug/L	141359		01/31/05 1404	dpk
	Dibenzo(a,h)anthracene, Low Level Water	0.40		U	0.13	0.40	1.00000	ug/L	141359		01/31/05 1404	dpk
	Benzo(ghi)perylene, Low Level Water	0.99		U	0.19	0.99	1.00000	ug/L	141359		01/31/05 1404	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 ADCS				ATTN: Eric Ellis					
Customer Sample ID: LL7mw-003-GW Date Sampled.....: 01/25/2005 Time Sampled.....: 09:30 Sample Matrix.....: Water			Laboratory Sample ID: 233742-1 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	0.31	U		0.068	0.31	1.00000	ug/L	141267		01/27/05 0655	san
	RDX	0.20	U		0.064	0.20	1.00000	ug/L	141267		01/27/05 0655	san
	1,3,5-Trinitrobenzene	0.20	U		0.058	0.20	1.00000	ug/L	141267		01/27/05 0655	san
	1,3-Dinitrobenzene	0.20	U		0.055	0.20	1.00000	ug/L	141267		01/27/05 0655	san
	Nitrobenzene	0.16	U		0.044	0.16	1.00000	ug/L	141267		01/27/05 0655	san
	2,4,6-TNT	0.25	U		0.078	0.25	1.00000	ug/L	141267		01/27/05 0655	san
	Tetryl	0.78	U		0.16	0.78	1.00000	ug/L	141267		01/27/05 0655	san
	2,4-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	141267		01/27/05 0655	san
	2,6-Dinitrotoluene	0.43	U		0.14	0.43	1.00000	ug/L	141267		01/27/05 0655	san
	2-Amino-4,6-Dinitrotoluene	0.36	U		0.12	0.36	1.00000	ug/L	141267		01/27/05 0655	san
	4-Amino-2,6-Dinitrotoluene	0.33	U		0.11	0.33	1.00000	ug/L	141267		01/27/05 0655	san
	2-Nitrotoluene	0.31	U		0.093	0.31	1.00000	ug/L	141267		01/27/05 0655	san
	4-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	141267		01/27/05 0655	san
3-Nitrotoluene	0.31	U		0.10	0.31	1.00000	ug/L	141267		01/27/05 0655	san	
8332H	NG/PETN by 8332M (HPLC) Nitroglycerine	1.0	U	*	0.15	1.0	1.00000	ug/L	141264		01/27/05 0655	san

* In Description = Dry Wgt.

STL CHICAGO

Client Sample ID: LL7mw-003-GW

Trace Level Organic Compounds

Lot-Sample #...: G5A260339-001 Work Order #...: G29HA1AC
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

Matrix.....: WATER

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-GW

General Chemistry

Lot-Sample #...: G5A260339-001 Work Order #...: G29HA Matrix.....: WATER
Date Sampled...: 01/25/05 Date Received...: 01/26/05

<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	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: 233742		LABORATORY TEST RESULTS						Date:02/07/2005				
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
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 1230	kd

* In Description = Dry Wgt.

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Job Number: 233742		LABORATORY TEST RESULTS						Date:02/08/2005				
CUSTOMER: NKM Engineers, Inc.			PROJECT: USACE RVAAP 14 AOCs				ANALYST: 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
7041	Antimony (GFAA) Antimony	7.5	U		2.5	7.5	1	ug/L	140904		02/01/05 1336	daj
7060A	Arsenic (GFAA) Arsenic	1.1	B		0.51	2.0	1	ug/L	141028		02/02/05 1120	daj
7421	Lead (GFAA) Lead	3.0	U		0.79	3.0	1	ug/L	141171		02/03/05 1931	daj
7841	Thallium (GFAA) Thallium	4.0	U		1.3	4.0	1	ug/L	140803		02/01/05 0023	daj
7470A	Mercury (CVAA) Mercury	0.20	U		0.063	0.20	1	ug/L	140548		01/27/05 1651	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	27	B		24	150	1	ug/L	140998		02/03/05 0112	tds
	Barium	46			1.3	10	1	ug/L	140998		02/03/05 0112	tds
	Beryllium	2.0	U		0.25	2.0	1	ug/L	140998		02/03/05 0112	tds
	Cadmium	2.0	U		0.25	2.0	1	ug/L	140998		02/03/05 0112	tds
	Calcium	14000			9.5	100	1	ug/L	140998		02/03/05 0112	tds
	Chromium	10	U		1.1	10	1	ug/L	140998		02/03/05 0112	tds
	Cobalt	7.5			0.80	5.0	1	ug/L	140998		02/03/05 0112	tds
	Copper	10	U		2.2	10	1	ug/L	140998		02/03/05 0112	tds
	Iron	17000			38	120	1	ug/L	140998		02/03/05 0112	tds
	Magnesium	4800			8.1	100	1	ug/L	140998		02/03/05 0112	tds
	Manganese	1500			0.41	10	1	ug/L	140998		02/03/05 0112	tds
	Nickel	12			1.0	10	1	ug/L	140998		02/03/05 0112	tds
	Potassium	1300			66	500	1	ug/L	140998		02/03/05 0112	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 RYAMP 14 ACSS				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	D	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Selenium	15	U		3.0	15	1	ug/L	140998		02/03/05 0112	tds
	Silver	10	U		0.72	10	1	ug/L	140998		02/03/05 0112	tds
	Sodium	3500			490	1500	1	ug/L	140998		02/03/05 0112	tds
	Vanadium	10	U		1.0	10	1	ug/L	140998		02/03/05 0112	tds
	Zinc	38			1.6	30	1	ug/L	140998		02/03/05 0112	tds

* In Description = Dry Wgt.

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Job Number: 233742		LABORATORY TEST RESULTS						Date: 02/08/2005				
CUSTOMER: MKM Engineers, Inc.			PROJECT: USAGE RVAAP 14 AGCS				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
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC	0.15	U		0.047	0.15	1.00000	ug/L	141474		02/03/05 2214	kdL
	beta-BHC	0.099	U		0.028	0.099	1.00000	ug/L	141474		02/03/05 2214	kdL
	delta-BHC	0.099	U		0.025	0.099	1.00000	ug/L	141474		02/03/05 2214	kdL
	gamma-BHC (Lindane)	0.15	U		0.042	0.15	1.00000	ug/L	141474		02/03/05 2214	kdL
	Heptachlor	0.15	U		0.041	0.15	1.00000	ug/L	141474		02/03/05 2214	kdL
	Aldrin	0.099	U		0.028	0.099	1.00000	ug/L	141474		02/03/05 2214	kdL
	Heptachlor epoxide	0.15	U		0.036	0.15	1.00000	ug/L	141474		02/03/05 2214	kdL
	Endosulfan I	0.099	U		0.021	0.099	1.00000	ug/L	141474		02/03/05 2214	kdL
	Dieldrin	0.099	U		0.018	0.099	1.00000	ug/L	141474		02/03/05 2214	kdL
	4,4'-DDE	0.099	U		0.023	0.099	1.00000	ug/L	141474		02/03/05 2214	kdL
	Endrin	0.099	U		0.017	0.099	1.00000	ug/L	141474		02/03/05 2214	kdL
	Endosulfan II	0.15	U		0.042	0.15	1.00000	ug/L	141474		02/03/05 2214	kdL
	4,4'-DDD	0.11	U		0.036	0.11	1.00000	ug/L	141474		02/03/05 2214	kdL
	Endosulfan sulfate	0.15	U		0.044	0.15	1.00000	ug/L	141474		02/03/05 2214	kdL
	4,4'-DDT	0.15	U		0.049	0.15	1.00000	ug/L	141474		02/03/05 2214	kdL
	Methoxychlor	0.59	U		0.17	0.59	1.00000	ug/L	141474		02/03/05 2214	kdL
	alpha-Chlordane	0.050	U		0.016	0.050	1.00000	ug/L	141474		02/03/05 2214	kdL
	gamma-Chlordane	0.099	U		0.017	0.099	1.00000	ug/L	141474		02/03/05 2214	kdL
	Endrin aldehyde	0.15	U		0.035	0.15	1.00000	ug/L	141474		02/03/05 2214	kdL
	Endrin ketone	0.099	U		0.029	0.099	1.00000	ug/L	141474		02/03/05 2214	kdL
	Toxaphene	0.50	U		0.14	0.50	1.00000	ug/L	141474		02/03/05 2214	kdL

* In Description = Dry Wgt.

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Job Number: 233742		LABORATORY TEST RESULTS						Date: 02/09/2005					
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	
8082	PCB Analysis												
	Aroclor 1016	0.59	U		0.18	0.59	1.00000	ug/L	141488		01/28/05 1359	bjt	
	Aroclor 1221	1.3	U		0.42	1.3	1.00000	ug/L	141488		01/28/05 1359	bjt	
	Aroclor 1232	1.3	U		0.35	1.3	1.00000	ug/L	141488		01/28/05 1359	bjt	
	Aroclor 1242	1.3	U		0.43	1.3	1.00000	ug/L	141488		01/28/05 1359	bjt	
	Aroclor 1248	1.5	U		0.48	1.5	1.00000	ug/L	141488		01/28/05 1359	bjt	
	Aroclor 1254	1.3	U		0.35	1.3	1.00000	ug/L	141488		01/28/05 1359	bjt	
	Aroclor 1260	0.59	U		0.17	0.59	1.00000	ug/L	141488		01/28/05 1359	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 RMAAP 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
8260B	Volatile Organics											
	Chloromethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Vinyl chloride	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Bromomethane	1.0	U	*	0.10	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Chloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	1,1-Dichloroethane	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Carbon disulfide	5.0	U		0.20	5.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Acetone	10	U		1.8	10	1.00000	ug/L	140908		02/02/05 0751	lm
	Methylene chloride	1.5	U		0.35	1.5	1.00000	ug/L	140908		02/02/05 0751	lm
	trans-1,2-Dichloroethene	1.0	U		0.14	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	1,1-Dichloroethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	cis-1,2-Dichloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	2-Butanone (MEK)	10	U		1.2	10	1.00000	ug/L	140908		02/02/05 0751	lm
	Bromochloromethane	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Chloroform	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	1,1,1-Trichloroethane	1.0	U		0.080	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Carbon tetrachloride	1.0	U		0.13	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Benzene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	1,2-Dichloroethane	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Trichloroethene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	1,2-Dichloropropane	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Bromodichloromethane	1.0	U		0.11	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	cis-1,3-Dichloropropene	1.0	U		0.12	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	4-Methyl-2-pentanone (MIBK)	10	U		0.65	10	1.00000	ug/L	140908		02/02/05 0751	lm
	Toluene	1.0	U		0.10	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	trans-1,3-Dichloropropene	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	1,1,2-Trichloroethane	1.0	U		0.15	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	Tetrachloroethene	1.0	U		0.090	1.0	1.00000	ug/L	140908		02/02/05 0751	lm
	2-Hexanone	10	U		0.53	10	1.00000	ug/L	140908		02/02/05 0751	lm

* In Description = Dry Wgt.