KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Spring**

Client Sample Number : **#1**

Sampling Date : **6/6/2008**
Sampling Time : **12:53**
Sample Matrix : **Water**
Sampler : **Adell**

Lab QC Batch Sample : **08-1385, #4**
Key Lab # : **08-1382**
Work Order # : **0606081382**
Date Recieved : **06/06/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 2300023.D
Date Analyzed : 9 Jun 2008 9:27 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN09C\
Lab Sample Information : water, 1Xdil, Marathon Oil
Lab Sample Number : **#1, 08-1382, 0606081382,**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp.	Amt.	MDL	Units	DF	Final Conc	RDL	Qual	MQL	
75-71-8	M1	dichlorodifluoromethane	x	5514	0.11	2	ug	1.	<	2.		480	
74-87-3	MP1	chloromethane	x	0	0.00	2	ug	1.	<	2.		480	
75-01-4	MC1	vinyl chloride	x	1505	0.04	2	ug	1.	<	2.		480	
67-64-1	M1	acetone	x	249069	11.38	6.05	ug	1.	11 ug/L	6.05	J	480	J SQL-I
60-29-7	M1	diethyl ether	x	0	0.00	2	ug	1.	<	2.		480	
74-83-9	M1	bromomethane	x	2961	0.11	2	ug	1.	<	2.		480	
75-00-3	M1	chloroethane	x	0	0.00	2	ug	1.	<	2.		480	
75-69-4	M1	trichlorofluoromethane	x	3707	0.06	1	ug	1.	<	1.		480	
75-35-4	MC1	1,1-dichloroethene	x	0	0.00	1	ug	1.	<	1.		480	
75-09-2	M1	methylene chloride	x	3172	0.10	1	ug	1.	<	1.		480	
76-13-1	M1	1,1,2-trichlorotrifluoroethane	x	7771	0.08	1	ug	1.	<	1.		480	
107-05-1	M1	allyl chloride	x	0	0.00	1	ug	1.	<	1.		480	
156-60-5	M1	trans 1,2-dichloroethene	x	0	0.00	1	ug	1.	<	1.		480	
1634-04-4	M1	[MTBE] tert-butylmethyl ether	x	0	0.00	1	ug	1.	<	1.		480	
75-34-3	MP1	1,1-dichloroethane	x	0	0.00	1	ug	1.	<	1.		480	
78-93-3	M1	[MEK] 2-butanone	x	0	0.00	2	ug	1.	<	2.		480	
156-59-4	M1	cis 1,2-dichloroethene	x	1276	0.04	1	ug	1.	<	1.		480	
590-20-7	M1	2,2-dichloropropane	x	0	0.00	1	ug	1.	<	1.		480	
74-97-5	M1	bromochloromethane	x	0	0.00	1	ug	1.	<	1.		480	
67-66-3	MC1	chloroform (trichloromethane)	x	0	0.00	1	ug	1.	<	1.		480	
109-99-9	H1	tetrahydrofruan	x	20239	0.45	2	ug	1.	<	2.		480	
71-55-6	M1	1,1,1-trichloroethane	x	0	0.00	1	ug	1.	<	1.		480	
107-06-2	M1	1,2 dichloroethane	x	1117	0.02	1	ug	1.	<	1.		480	
563-58-6	M1	1,1-dichloropropene	x	0	0.00	1	ug	1.	<	1.		480	
71-43-2	M1	benzene	x	116501	0.91	1	ug	1.	<	1.		480	
56-26-5	M1	carbon tetrachloride	x	0	0.00	1	ug	1.	<	1.		480	
79-01-6	M1	trichloroethene	x	0	0.00	1	ug	1.	<	1.		480	
78-87-5	MC1	1,2-dichloropropane	x	0	0.00	1	ug	1.	<	1.		480	
74-95-3	M1	dibromomethane	x	0	0.00	1	ug	1.	<	1.		480	
75-27-4	M1	bromodichloromethane	x	0	0.00	1	ug	1.	<	1.		480	
10061-01-5	M1	cis 1,3-dichloropropene	x	0	0.00	1	ug	1.	<	1.		480	
108-10-1	M1	[MIBK] 4-methyl-2-pentanone	x	0	0.00	1	ug	1.	<	1.		480	
108-88-3	MC1	toluene	x	172316	2.11	2.55	ug	1.	<	2.55		480	
10061-02-6	M1	trans 1,3-dichloropropene	x	0	0.00	1	ug	1.	<	1.		480	
79-00-5	M1	1,1,2-trichloroethane	x	0	0.00	1	ug	1.	<	1.		480	
142-28-9	M2	1,3-dichloropropane	x	0	0.00	1	ug	1.	<	1.		480	
124-48-1	M2	dibromochloromethane	x	0	0.00	1	ug	1.	<	1.		480	
127-18-4	M2	tetrachloroethene	x	0	0.00	1	ug	1.	<	1.		480	
106-93-4	M2	1,2-dibromoethane	x	0	0.00	1	ug	1.	<	1.		480	
108-90-7	MP2	chlorobenzene	x	0	0.00	1	ug	1.	<	1.		480	
630-20-6	M2	1,1,1,2-tetrachloroethane	x	0	0.00	1	ug	1.	<	1.		480	
100-41-4	MC2	ethylbenzene	x	45182	0.24	1	ug	1.	<	1.		480	
	M2	m/p xylene	x	90448	0.81	2.45	ug	1.	<	2.45		960	
100-42-5	M2	styrene	x	1913	0.02	1	ug	1.	<	1.		480	
95-47-6	M2	o-xylene	x	6989732	61.46	1	ug	1.	61 ug/L	1.		480	
75-25-2	MP2	bromoform	x	0	0.00	1	ug	1.	<	1.		480	
79-34-5	MP2	1,1,2,2-tetrachloroethane	x	16504	0.29	1	ug	1.	<	1.		480	
98-82-8	M2	isopropylbenzene	x	4653	0.03	1	ug	1.	<	1.		480	
96-18-4	M2	1,2,3-trichloropropane	x	0	0.00	1	ug	1.	<	1.		480	
108-86-1	M2	bromobenzene	x	0	0.00	1	ug	1.	<	1.		480	
95-49-8	M2	2-chlorotoluene	x	0	0.00	1	ug	1.	<	1.		480	
103-65-1	M2	n-propylbenzene	x	0	0.00	1	ug	1.	<	1.		480	

EQ 9/15/08

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Spring**

Client Sample Number : **#1**

Sampling Date : **6/6/2008**
Sampling Time : **12:53**
Sample Matrix : **Water**
Sampler : **Adell**

Lab QC Batch Sample : **08-1385, #4**
Key Lab # : **08-1382**
Work Order # : **0606081382**
Date Recieved : **06/06/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 2300023.D
Date Analyzed : 9 Jun 2008 9:27 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN09C\
Lab Sample Information : water, 1Xdil, Marathon Oil
Lab Sample Number : **#1, 08-1382, 0606081382,**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp.	Amt.	MDL	Units	DF	Final Conc	RDL	Qual	MQL
106-43-4	M2	**4-chlorotoluene**	x	0	0.00	1	ug	1.	<	1.		480
108-67-8	M2	**1,3,5-trimethylbenzene**	x	2207981	19.80	1	ug	1.	**20 ug/L**	1.		480
98-06-6	M2	**tert-butylbenzene**	x	11290	0.12	1	ug	1.	<	1.		480
95-63-6	M2	**1,2,4-trimethylbenzene**	x	33276	0.30	1	ug	1.	<	1.		480
96-12-8	M2	**1.2-dibromo-3-chloropropane**	x	0	0.00	1	ug	1.	<	1.		480
541-73-1	M3	**1,3-dichlorobenzene**	x	3007	0.05	1	ug	1.	<	1.		480
99-87-6	M3	**p-isopropyltoluene**	x	25340	0.22	1	ug	1.	<	1.		480
135-98-8	M3	**sec-butylbenzene**	x	9599	0.07	1	ug	1.	<	1.		480
106-46-7	M3	**1,4-dichlorobenzene**	x	5227	0.08	1	ug	1.	<	1.		480
95-50-1	M3	**1,2-dichlorobenzene**	x	3777	0.06	1	ug	1.	<	1.		480
104-51-8	M3	**n-butylbenzene**	x	4679	0.04	1	ug	1.	<	1.		480
87-61-6	M3	**1,2,4-trichlorobenzene**	x	7446	0.09	2	ug	1.	<	2.		480
87-68-3	M3	**hexachlorobutadiene**	x	4284	0.09	2	ug	1.	<	2.		480
91-20-3	M3	**napthylene**	x	60856	0.72	2	ug	1.	<	2.		480
120-82-1	M3	**1,2,3-trichlorobenzene**	x	5569	0.08	2	ug	1.	<	2.		480

CAS#	Type	System Monitoring Compounds	Resp.	Amt.	Area%	Units		Water Limits		Soil Limits		Spike	%Rec
1868-53-7	S1	**dibromofluoromethane**	4947984	69.06	**95**	ug	5211326	65 -	135	50 -	150	69.9	**98.8**
17060-07-0	M1	**1,2 dichloroethane-d4**	2161942	73.12	**101**	ug	2150224	65 -	135	50 -	150	69.9	**104.6**
2037-26-5	S1	**toluene-d8**	4113326	57.29	**78**	ug	5285330	65 -	135	50 -	150	69.9	**82.**
460-00-4	S2	**4-bromofluorobenzene**	5033963	75.02	**91**	ug	5531588	65 -	135	50 -	150	69.9	**107.3**

CAS#	Type	Internal Standard Compounds	Resp.	Amt.	Area%	Units		Spike
462-06-6	I1	**fluorbenzene**	8141701	69.90	**96**	ug	8484018	69.9
3114-55-4	I2	**chlorobenzene-d5**	4251794	69.90	**84**	ug	5060990	69.9
3855-82-1	I3	**1,4-dichlorobenzene-d4**	3177952	69.90	**82**	ug	3894374	69.9

MDL = Method Detection Limit
PQL = Practical Quantition Limit = 4 x MDL
RDL = Reporting Detection Limit = MDL x Dilution Factor
MQL = Maximum Quantitation Limit = 110% x DF x Highest Calibration Standard

Reporting basis is Kg for solids and L for liquids

J qualifier = MDL < Result < PQL
E qualifier = Estimated Result > Highest Calibration Standard

Analyst

Approved

E&E 9/15/08

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Spring**

Client Sample Number : **#2**

Sampling Date : **6/6/2008**
Sampling Time : **13:10**
Sample Matrix : **Water**
Sampler : **Adell**

Lab QC Batch Sample : **08-1385, #4**
Key Lab # : **08-1383**
Work Order # : **0606081382**
Date Recieved : **06/06/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 0500005.D
Date Analyzed : 10 Jun 2008 2:55 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN10\
Lab Sample Information : water, 1Xdil, Marathon Oil
Lab Sample Number : **#2, 08-1383, 1X, 0606081382,**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp	Amt.	MDL	Units	DF	Final Conc.		RDL	Qual	MQL	
75-71-8	M1	**dichlorodifluoromethane**	x	2122	0.04	2	ug	1.	<		2.		480	
74-87-3	MP1	**chloromethane**	x	2458	0.06	2	ug	1.	<		2.		480	
75-01-4	MC1	**vinyl chloride**	x	0	0.00	2	ug	1.	<		2.		480	
67-64-1	M1	**acetone**	x	368613	17.20	3.8	ug	1.	**17 ug/L**		3.8		480	
60-29-7	M1	**diethyl ether**	x	0	0.00	2	ug	1.	<		2.		480	
74-83-9	M1	**bromomethane**	x	1678	0.07	2	ug	1.	<		2.		480	
75-00-3	M1	**chloroethane**	x	0	0.00	2	ug	1.	<		2.		480	
75-69-4	M1	**trichlorofluoromethane**	x	2197	0.04	1	ug	1.	<		1.		480	
75-35-4	MC1	**1,1-dichloroethene**	x	0	0.00	1	ug	1.	<		1.		480	
75-09-2	M1	**methylene chloride**	x	1562	0.05	1	ug	1.	<		1.		480	
76-13-1	M1	**1,1,2-trichlorotrifluoroethane**	x	0	0.00	1	ug	1.	<		1.		480	
107-05-1	M1	**allyl chloride**	x	49403	0.75	1	ug	1.	<		1.		480	
156-60-5	M1	**trans 1,2-dichloroethene**	x	0	0.00	1	ug	1.	<		1.		480	
1634-04-4	M1	**[MTBE] tert-butylmethyl ether**	x	0	0.00	1	ug	1.	<		1.		480	
75-34-3	MP1	**1,1-dichloroethane**	x	0	0.00	1	ug	1.	<		1.		480	
78-93-3	M1	**[MEK] 2-butanone**	x	0	0.00	2	ug	1.	<		2.		480	
156-59-4	M1	**cis 1,2-dichloroethene**	x	0	0.00	1	ug	1.	<		1.		480	
590-20-7	M1	**2,2-dichloropropane**	x	0	0.00	1	ug	1.	<		1.		480	
74-97-5	M1	**bromochloromethane**	x	0	0.00	1	ug	1.	<		1.		480	
67-66-3	MC1	**chloroform (trichloromethane)**	x	0	0.00	1	ug	1.	<		1.		480	
109-99-9	H1	**tetrahydrofruan**	x	5851	0.13	2	ug	1.	<		2.		480	
71-55-6	M1	**1,1,1-trichloroethane**	x	0	0.00	1	ug	1.	<		1.		480	
107-06-2	M1	**1,2 dichloroethane**	x	0	0.00	1	ug	1.	<		1.		480	
563-58-6	M1	**1,1-dichloropropene**	x	3715	0.08	1	ug	1.	<		1.		480	
71-43-2	M1	**benzene**	x	9046281	72.52	1	ug	1.	**73 ug/L**		1.		480	
56-26-5	M1	**carbon tetrachloride**	x	0	0.00	1	ug	1.	<		1.		480	
79-01-6	M1	**trichloroethene**	x	0	0.00	1	ug	1.	<		1.		480	
78-87-5	MC1	**1,2-dichloropropane**	x	0	0.00	1	ug	1.	<		1.		480	
74-95-3	M1	**dibromomethane**	x	0	0.00	1	ug	1.	<		1.		480	
75-27-4	M1	**bromodichloromethane**	x	0	0.00	1	ug	1.	<		1.		480	
10061-01-5	M1	**cis 1,3-dichloropropene**	x	0	0.00	1	ug	1.	<		1.		480	
108-10-1	M1	**[MIBK] 4-methyl-2-pentanone**	x	0	0.00	1	ug	1.	<		1.		480	
108-88-3	MC1	**toluene**	x	14179398	177.30	2	ug	1.	**180 ug/L**		2.		480	
10061-02-6	M1	**trans 1,3-dichloropropene**	x	0	0.00	1	ug	1.	<		1.		480	
79-00-5	M1	**1,1,2-trichloroethane**	x	0	0.00	1	ug	1.	<		1.		480	
142-28-9	M2	**1,3-dichloropropane**	x	112264	2.52	1	ug	1.	**2.5 ug/L**		1.	J	480	J SQL-I
124-48-1	M2	**dibromochloromethane**	x	0	0.00	1	ug	1.	<		1.		480	
127-18-4	M2	**tetrachloroethene**	x	0	0.00	1	ug	1.	<		1.		480	
106-93-4	M2	**1,2-dibromoethane**	x	0	0.00	1	ug	1.	<		1.		480	
108-90-7	MP2	**chlorobenzene**	x	0	0.00	1	ug	1.	<		1.		480	
630-20-6	M2	**1,1,1,2-tetrachloroethane**	x	0	0.00	1	ug	1.	<		1.		480	
100-41-4	MC2	**ethylbenzene**	x	31801	0.16	1	ug	1.	<		1.		480	
	M2	**m/p xylene**	x	102800075	878.71	1	ug	1.	**880 ug/L**		1.		960	
100-42-5	M2	**styrene**	x	934	0.01	1	ug	1.	<		1.		480	
95-47-6	M2	**o-xylene**	x	25346053	212.05	1	ug	1.	**210 ug/L**		1.		480	
75-25-2	MP2	**bromoform**	x	0	0.00	1	ug	1.	<		1.		480	
79-34-5	MP2	**1,1,2,2-tetrachloroethane**	x	0	0.00	1	ug	1.	<		1.		480	
98-82-8	M2	**isopropylbenzene**	x	2845	0.02	1	ug	1.	<		1.		480	
96-18-4	M2	**1,2,3-trichloropropane**	x	0	0.00	1	ug	1.	<		1.		480	
108-86-1	M2	**bromobenzene**	x	0	0.00	1	ug	1.	<		1.		480	
95-49-8	M2	**2-chlorotoluene**	x	0	0.00	1	ug	1.	<		1.		480	
103-65-1	M2	**n-propylbenzene**	x	0	0.00	1	ug	1.	<		1.		480	

EQ 9/15/08

KEY LABORATORIES, INC.
2479 River Road Unit A
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(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Spring**

Client Sample Number : **#2**

Sampling Date : **6/6/2008**
Sampling Time : **13:10**
Sample Matrix : **Water**
Sampler : **Adell**

Lab QC Batch Sample : **08-1385, #4**
Key Lab # : **08-1383**
Work Order # : **0606081382**
Date Recieved : **06/06/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 0500005.D
Date Analyzed : 10 Jun 2008 2:55 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN10\
Lab Sample Information : water, 1Xdil, Marathon Oil
Lab Sample Number : **#2, 08-1383, 1X, 0606081382,**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp.	Amt.	MDL	Units	DF	Final Conc	RDL	Qual	MQL	
106-43-4	M2	**4-chlorotoluene**	x	0	0.00	1	ug	1.	<	1.		480	
108-67-8	M2	**1,3,5-trimethylbenzene**	x	11085158	94.57	1	ug	1.	**95 ug/L**	1.		480	
98-06-6	M2	**tert-butylbenzene**	x	19672	0.19	1	ug	1.	<	1.		480	
95-63-6	M2	**1,2,4-trimethylbenzene**	x	4740695	40.63	1	ug	1.	**41 ug/L**	1.		480	
96-12-8	M2	**1.2-dibromo-3-chloropropane**	x	0	0.00	1	ug	1.	<	1.		480	
541-73-1	M3	**1,3-dichlorobenzene**	x	2961	0.04	1	ug	1.	<	1.		480	
99-87-6	M3	**p-isopropyltoluene**	x	42056	0.34	1	ug	1.	<	1.		480	
135-98-8	M3	**sec-butylbenzene**	x	4765757	30.52	1	ug	1.	**31 ug/L**	1.		480	
106-46-7	M3	**1,4-dichlorobenzene**	x	2223	0.03	1	ug	1.	<	1.		480	
95-50-1	M3	**1,2-dichlorobenzene**	x	0	0.00	1	ug	1.	<	1.		480	
104-51-8	M3	**n-butylbenzene**	x	18860	0.16	1	ug	1.	<	1.		480	
87-61-6	M3	**1,2,4-trichlorobenzene**	x	0	0.00	2	ug	1.	<	2.		480	
87-68-3	M3	**hexachlorobutadiene**	x	0	0.00	2	ug	1.	<	2.		480	
91-20-3	M3	**napthylene**	x	297848	3.27	2	ug	1.	**3.3 ug/L**	2.	J	480	J SQL-I
120-82-1	M3	**1,2,3-trichlorobenzene**	x	5664	0.07	2	ug	1.	<	2.		480	

CAS#	Type	System Monitoring Compounds	Resp.	Amt.	Area%	Units		Water Limits		Soil Limits		Spike	%Rec
1868-53-7	S1	**dibromofluoromethane**	4544517	64.78	**87**	ug	5211326	65 -	135	50 -	150	69.9	**92.7**
17060-07-0	M1	**1,2 dichloroethane-d4**	1988555	68.69	**92**	ug	2150224	65 -	135	50 -	150	69.9	**98.3**
2037-26-5	S1	**toluene-d8**	4848726	68.97	**92**	ug	5285330	65 -	135	50 -	150	69.9	**98.7**
460-00-4	S2	**4-bromofluorobenzene**	5041320	71.48	**91**	ug	5531588	65 -	135	50 -	150	69.9	**102.3**

CAS#	Type	Internal Standard Compounds	Resp.	Amt.	Area%	Units		Spike
462-06-6	I1	**fluorbenzene**	7972122	69.90	**94**	ug	8484018	69.9
3114-55-4	I2	**chlorobenzene-d5**	4468863	69.90	**88**	ug	5060990	69.9
3855-82-1	I3	**1,4-dichlorobenzene-d4**	3431845	69.90	**88**	ug	3894374	69.9

MDL = Method Detection Limit
PQL = Practical Quantition Limit = 4 x MDL
RDL = Reporting Detection Limit = MDL x Dilution Factor
MQL = Maximum Quantitation Limit = 110% x DF x Highest Calibration Standard

Reporting basis is Kg for solids and L for liquids

J qualifier = MDL < Result < PQL
E qualifier = Estimated Result > Highest Calibration Standard

Analyst

Approved

EL 9/15/09

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Spring**

Client Sample Number : **#3**

Sampling Date : **6/6/2008**
Sampling Time : **13:45**
Sample Matrix : **Water**
Sampler : **Adell**

Lab QC Batch Sample : **08-1385, #4**
Key Lab # : **08-1384**
Work Order # : **0606081382**
Date Recieved : **06/06/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 2500025.D
Date Analyzed : 9 Jun 2008 10:17 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN09C\
Lab Sample Information : water, 1Xdil, Marathon Oil
Lab Sample Number : **#3, 08-1384, 0606081382,**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	And'd	Resp.	Amt.	MDL	Units	DF	Final Conc		RDL	Qual	MQL
75-71-8	M1	**dichlorodifluoromethane**	x	2615	0.05	2	ug	1.		<	2.		480
74-87-3	MP1	**chloromethane**	x	1335	0.03	2	ug	1.		<	2.		480
75-01-4	MC1	**vinyl chloride**	x	0	0.00	2	ug	1.		<	2.		480
67-64-1	M1	**acetone**	x	108649	4.83	6.05	ug	1.		<	6.05		480
60-29-7	M1	**diethyl ether**	x	0	0.00	2	ug	1.		<	2.		480
74-83-9	M1	**bromomethane**	x	1109	0.04	2	ug	1.		<	2.		480
75-00-3	M1	**chloroethane**	x	0	0.00	2	ug	1.		<	2.		480
75-69-4	M1	**trichlorofluoromethane**	x	2940	0.05	1	ug	1.		<	1.		480
75-35-4	MC1	**1,1-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
75-09-2	M1	**methylene chloride**	x	0	0.00	1	ug	1.		<	1.		480
76-13-1	M1	**1,1,2-trichlorotrifluoroethane**	x	0	0.00	1	ug	1.		<	1.		480
107-05-1	M1	**allyl chloride**	x	0	0.00	1	ug	1.		<	1.		480
156-60-5	M1	**trans 1,2-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
1634-04-4	M1	**[MTBE] tert-butylmethyl ether**	x	0	0.00	1	ug	1.		<	1.		480
75-34-3	MP1	**1,1-dichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
78-93-3	M1	**[MEK] 2-butanone**	x	0	0.00	2	ug	1.		<	2.		480
156-59-4	M1	**cis 1,2-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
590-20-7	M1	**2,2-dichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
74-97-5	M1	**bromochloromethane**	x	0	0.00	1	ug	1.		<	1.		480
67-66-3	MC1	**chloroform (trichloromethane)**	x	0	0.00	1	ug	1.		<	1.		480
109-99-9	H1	**tetrahydrofruan**	x	8696	0.19	2	ug	1.		<	2.		480
71-55-6	M1	**1,1,1-trichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
107-06-2	M1	**1,2 dichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
563-58-6	M1	**1,1-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
71-43-2	M1	**benzene**	x	47445	0.36	1	ug	1.		<	1.		480
56-26-5	M1	**carbon tetrachloride**	x	0	0.00	1	ug	1.		<	1.		480
79-01-6	M1	**trichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
78-87-5	MC1	**1,2-dichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
74-95-3	M1	**dibromomethane**	x	0	0.00	1	ug	1.		<	1.		480
75-27-4	M1	**bromodichloromethane**	x	0	0.00	1	ug	1.		<	1.		480
10061-01-5	M1	**cis 1,3-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
108-10-1	M1	**[MIBK] 4-methyl-2-pentanone**	x	0	0.00	1	ug	1.		<	1.		480
108-88-3	MC1	**toluene**	x	171708	2.04	2.55	ug	1.		<	2.55		480
10061-02-6	M1	**trans 1,3-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
79-00-5	M1	**1,1,2-trichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
142-28-9	M2	**1,3-dichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
124-48-1	M2	**dibromochloromethane**	x	0	0.00	1	ug	1.		<	1.		480
127-18-4	M2	**tetrachloroethene**	x	0	0.00	1	ug	1.		<	1.		480
106-93-4	M2	**1,2-dibromoethane**	x	0	0.00	1	ug	1.		<	1.		480
108-90-7	MP2	**chlorobenzene**	x	0	0.00	1	ug	1.		<	1.		480
630-20-6	M2	**1,1,1,2-tetrachloroethane**	x	0	0.00	1	ug	1.		<	1.		480
100-41-4	MC2	**ethylbenzene**	x	38085	0.19	1	ug	1.		<	1.		480
	M2	**m/p xylene**	x	276976	2.34	2.45	ug	1.		<	2.45		960
100-42-5	M2	**styrene**	x	1112	0.01	1	ug	1.		<	1.		480
95-47-6	M2	**o-xylene**	x	97205	0.80	1	ug	1.		<	1.		480
75-25-2	MP2	**bromoform**	x	0	0.00	1	ug	1.		<	1.		480
79-34-5	MP2	**1,1,2,2-tetrachloroethane**	x	1535	0.03	1	ug	1.		<	1.		480
98-82-8	M2	**isopropylbenzene**	x	9422	0.06	1	ug	1.		<	1.		480
96-18-4	M2	**1,2,3-trichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
108-86-1	M2	**bromobenzene**	x	0	0.00	1	ug	1.		<	1.		480
95-49-8	M2	**2-chlorotoluene**	x	2166	0.06	1	ug	1.		<	1.		480
103-65-1	M2	**n-propylbenzene**	x	4992	0.13	1	ug	1.		<	1.		480

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Spring**

Client Sample Number : **#3**

Sampling Date : **6/6/2008**
Sampling Time : **13:45**
Sample Matrix : **Water**
Sampler : **Adell**

Lab QC Batch Sample : **08-1385, #4**
Key Lab # : **08-1384**
Work Order # : **0606081382**
Date Recieved : **06/06/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 2500025.D
Date Analyzed : 9 Jun 2008 10:17 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN09C\
Lab Sample Information : water, 1Xdil, Marathon Oil
Lab Sample Number : **#3, 08-1384, 0606081382,**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp.	Amt.	MDL	Units	DF	Final Conc.		RDL	Qual	MQL	
106-43-4	M2	**4-chlorotoluene**	x	2099	0.06	1	ug	1.	<		1.		480	
108-67-8	M2	**1,3,5-trimethylbenzene**	x	125883	1.06	1	ug	1.	**1.1 ug/L**		1.	J	480	J SQL-I
98-06-6	M2	**tert-butylbenzene**	x	3293	0.03	1	ug	1.	<		1.		480	
95-63-6	M2	**1,2,4-trimethylbenzene**	x	152849	1.29	1	ug	1.	**1.3 ug/L**		1.	J	480	J SQL-I
96-12-8	M2	**1.2-dibromo-3-chloropropane**	x	5746	0.80	1	ug	1.	<		1.		480	
541-73-1	M3	**1,3-dichlorobenzene**	x	3900	0.06	1	ug	1.	<		1.		480	
99-87-6	M3	**p-isopropyltoluene**	x	35121	0.31	1	ug	1.	<		1.		480	
135-98-8	M3	**sec-butylbenzene**	x	31237	0.22	1	ug	1.	<		1.		480	
106-46-7	M3	**1,4-dichlorobenzene**	x	3090	0.05	1	ug	1.	<		1.		480	
95-50-1	M3	**1,2-dichlorobenzene**	x	1566	0.03	1	ug	1.	<		1.		480	
104-51-8	M3	**n-butylbenzene**	x	79737	0.73	1	ug	1.	<		1.		480	
87-61-6	M3	**1,2,4-trichlorobenzene**	x	7470	0.10	2	ug	1.	<		2.		480	
87-68-3	M3	**hexachlorobutadiene**	x	3569	0.07	2	ug	1.	<		2.		480	
91-20-3	M3	**napthylene**	x	52032	0.62	2	ug	1.	<		2.		480	
120-82-1	M3	**1,2,3-trichlorobenzene**	x	12381	0.17	2	ug	1.	<		2.		480	

CAS#	Type	System Monitoring Compounds	Resp.	Amt.	Area%	Units		Water Limits		Soil Limits		Spike	%Rec
1868-53-7	S1	**dibromofluoromethane**	4856070	65.92	**93**	ug	5211326	65 -	135	50 -	150	69.9	**94.3**
17060-07-0	M1	**1,2 dichloroethane-d4**	2070511	68.11	**96**	ug	2150224	65 -	135	50 -	150	69.9	**97.4**
2037-26-5	S1	**toluene-d8**	5019584	67.99	**95**	ug	5285330	65 -	135	50 -	150	69.9	**97.3**
460-00-4	S2	**4-bromofluorobenzene**	4860109	67.99	**88**	ug	5531588	65 -	135	50 -	150	69.9	**97.3**

CAS#	Type	Internal Standard Compounds	Resp.	Amt.	Area%	Units		Spike
462-06-6	I1	**fluorbenzene**	8371875	69.90	**99**	ug	8484018	69.9
3114-55-4	I2	**chlorobenzene-d5**	4529244	69.90	**89**	ug	5060990	69.9
3855-82-1	I3	**1,4-dichlorobenzene-d4**	3145825	69.90	**81**	ug	3894374	69.9

MDL = Method Detection Limit
PQL = Practical Quantition Limit = 4 x MDL
RDL = Reporting Detection Limit = MDL x Dilution Factor
MQL = Maximum Quantitation Limit = 110% x DF x Highest Calibration Standard

Reporting basis is Kg for solids and L for liquids

J qualifier = MDL < Result < PQL
E qualifier = Estimated Result > Highest Calibration Standard

Analyst

Approved

ER 9/15/08

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Spring**

Client Sample Number : **#4**

Sampling Date : **6/6/2008**
Sampling Time : **14:00**
Sample Matrix : **Water**
Sampler : **Adell**

Lab QC Batch Sample : **08-1385, #4**
Key Lab # : **08-1385**
Work Order # : **0606081382**
Date Recieved : **06/06/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 2600026.D
Date Analyzed : 9 Jun 2008 10:41 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN09C\
Lab Sample Information : water, 1Xdil, Marathon Oil
Lab Sample Number : **#4, 08-1385, M, 0606081382,**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp.	Amt	MDL	Units	DF	Final Conc		RDL	Qual	MQL
75-71-8	M1	**dichlorodifluoromethane**	x	2656	0.05	2	ug	1.		<	2.		480
74-87-3	MP1	**chloromethane**	x	0	0.00	2	ug	1.		<	2.		480
75-01-4	MC1	**vinyl chloride**	x	0	0.00	2	ug	1.		<	2.		480
67-64-1	M1	**acetone**	x	96236	4.36	6.05	ug	1.		<	6.05		480
60-29-7	M1	**diethyl ether**	x	0	0.00	2	ug	1.		<	2.		480
74-83-9	M1	**bromomethane**	x	2700	0.10	2	ug	1.		<	2.		480
75-00-3	M1	**chloroethane**	x	0	0.00	2	ug	1.		<	2.		480
75-69-4	M1	**trichlorofluoromethane**	x	1619	0.03	1	ug	1.		<	1.		480
75-35-4	MC1	**1,1-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
75-09-2	M1	**methylene chloride**	x	3491	0.11	1	ug	1.		<	1.		480
76-13-1	M1	**1,1,2-trichlorotrifluoroethane**	x	0	0.00	1	ug	1.		<	1.		480
107-05-1	M1	**allyl chloride**	x	0	0.00	1	ug	1.		<	1.		480
156-60-5	M1	**trans 1,2-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
1634-04-4	M1	**[MTBE] tert-butylmethyl ether**	x	0	0.00	1	ug	1.		<	1.		480
75-34-3	MP1	**1,1-dichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
78-93-3	M1	**[MEK] 2-butanone**	x	54412	1.75	2	ug	1.		<	2.		480
156-59-4	M1	**cis 1,2-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
590-20-7	M1	**2,2-dichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
74-97-5	M1	**bromochloromethane**	x	0	0.00	1	ug	1.		<	1.		480
67-66-3	MC1	**chloroform (trichloromethane)**	x	0	0.00	1	ug	1.		<	1.		480
109-99-9	H1	**tetrahydrofruan**	x	7704	0.17	2	ug	1.		<	2.		480
71-55-6	M1	**1,1,1-trichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
107-06-2	M1	**1,2 dichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
563-58-6	M1	**1,1-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
71-43-2	M1	**benzene**	x	39630	0.31	1	ug	1.		<	1.		480
56-26-5	M1	**carbon tetrachloride**	x	0	0.00	1	ug	1.		<	1.		480
79-01-6	M1	**trichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
78-87-5	MC1	**1,2-dichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
74-95-3	M1	**dibromomethane**	x	0	0.00	1	ug	1.		<	1.		480
75-27-4	M1	**bromodichloromethane**	x	0	0.00	1	ug	1.		<	1.		480
10061-01-5	M1	**cis 1,3-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
108-10-1	M1	**[MIBK] 4-methyl-2-pentanone**	x	0	0.00	1	ug	1.		<	1.		480
108-88-3	MC1	**toluene**	x	179783	2.18	2.55	ug	1.		<	2.55		480
10061-02-6	M1	**trans 1,3-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
79-00-5	M1	**1,1,2-trichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
142-28-9	M2	**1,3-dichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
124-48-1	M2	**dibromochloromethane**	x	0	0.00	1	ug	1.		<	1.		480
127-18-4	M2	**tetrachloroethene**	x	0	0.00	1	ug	1.		<	1.		480
106-93-4	M2	**1,2-dibromoethane**	x	0	0.00	1	ug	1.		<	1.		480
108-90-7	MP2	**chlorobenzene**	x	0	0.00	1	ug	1.		<	1.		480
630-20-6	M2	**1,1,1,2-tetrachloroethane**	x	0	0.00	1	ug	1.		<	1.		480
100-41-4	MC2	**ethylbenzene**	x	38313	0.19	1	ug	1.		<	1.		480
	M2	**m/p xylene**	x	122798	1.03	2.45	ug	1.		<	2.45		960
100-42-5	M2	**styrene**	x	0	0.00	1	ug	1.		<	1.		480
95-47-6	M2	**o-xylene**	x	41200	0.34	1	ug	1.		<	1.		480
75-25-2	MP2	**bromoform**	x	0	0.00	1	ug	1.		<	1.		480
79-34-5	MP2	**1,1,2,2-tetrachloroethane**	x	0	0.00	1	ug	1.		<	1.		480
98-82-8	M2	**isopropylbenzene**	x	1005	0.01	1	ug	1.		<	1.		480
96-18-4	M2	**1,2,3-trichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
108-86-1	M2	**bromobenzene**	x	0	0.00	1	ug	1.		<	1.		480
95-49-8	M2	**2-chlorotoluene**	x	0	0.00	1	ug	1.		<	1.		480
103-65-1	M2	**n-propylbenzene**	x	1344	0.04	1	ug	1.		<	1.		480

EE 9/15/08

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Spring**

Lab QC Batch Sample : **08-1385, #4**
Key Lab # : **08-1385**
Work Order # : **0606081382**
Date Recieved : **06/06/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 2600026.D
Date Analyzed : 9 Jun 2008 10:41 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN09C\
Lab Sample Information : water, 1Xdil, Marathon Oil
Lab Sample Number : **#4, 08-1385, M, 0606081382,**

Client Sample Number : **#4**

Sampling Date : **6/6/2008**
Sampling Time : **14:00**
Sample Matrix : **Water**
Sampler : **Adell**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp.	Amt.	MDL	Units	DF	Final Conc		RDL	Qual	MQL
106-43-4	M2	**4-chlorotoluene**	x	0	0.00	1	ug	1.	<		1.		480
108-67-8	M2	**1,3,5-trimethylbenzene**	x	19057	0.16	1	ug	1.	<		1.		480
98-06-6	M2	**tert-butylbenzene**	x	0	0.00	1	ug	1.	<		1.		480
95-63-6	M2	**1,2,4-trimethylbenzene**	x	39510	0.33	1	ug	1.	<		1.		480
96-12-8	M2	**1.2-dibromo-3-chloropropane**	x	0	0.00	1	ug	1.	<		1.		480
541-73-1	M3	**1,3-dichlorobenzene**	x	2988	0.05	1	ug	1.	<		1.		480
99-87-6	M3	**p-isopropyltoluene**	x	0	0.00	1	ug	1.	<		1.		480
135-98-8	M3	**sec-butylbenzene**	x	3135	0.02	1	ug	1.	<		1.		480
106-46-7	M3	**1,4-dichlorobenzene**	x	2985	0.05	1	ug	1.	<		1.		480
95-50-1	M3	**1,2-dichlorobenzene**	x	0	0.00	1	ug	1.	<		1.		480
104-51-8	M3	**n-butylbenzene**	x	4591	0.05	1	ug	1.	<		1.		480
87-61-6	M3	**1,2,4-trichlorobenzene**	x	0	0.00	2	ug	1.	<		2.		480
87-68-3	M3	**hexachlorobutadiene**	x	0	0.00	2	ug	1.	<		2.		480
91-20-3	M3	**napthylene**	x	17964	0.23	2	ug	1.	<		2.		480
120-82-1	M3	**1,2,3-trichlorobenzene**	x	0	0.00	2	ug	1.	<		2.		480

CAS#	Type	System Monitoring Compounds	Resp.	Amt.	Area%	Units	Water Limits		Limits	Soil Limits		Spike	%Rec
1868-53-7	S1	**dibromofluoromethane**	4748833	65.67	**91**	ug	5211326	65 -	135	50 -	150	69.9	**93.9**
17060-07-0	M1	**1,2 dichloroethane-d4**	2109645	70.69	**98**	ug	2150224	65 -	135	50 -	150	69.9	**101.1**
2037-26-5	S1	**toluene-d8**	5049796	69.68	**96**	ug	5285330	65 -	135	50 -	150	69.9	**99.7**
460-00-4	S2	**4-bromofluorobenzene**	4772053	66.18	**86**	ug	5531588	65 -	135	50 -	150	69.9	**94.7**

CAS#	Type	Internal Standard Compounds	Resp.	Amt.	Area%	Units		Spike
462-06-6	I1	**fluorbenzene**	8218394	69.90	**97**	ug	8484018	69.9
3114-55-4	I2	**chlorobenzene-d5**	4568831	69.90	**90**	ug	5060990	69.9
3855-82-1	I3	**1,4-dichlorobenzene-d4**	2914493	69.90	**75**	ug	3894374	69.9

MDL = Method Detection Limit
PQL = Practical Quantition Limit = 4 x MDL
RDL = Reporting Detection Limit = MDL x Dilution Factor
MQL = Maximum Quantitation Limit = 110% x DF x Highest Calibration Standard

Reporting basis is Kg for solids and L for liquids

J qualifier = MDL < Result < PQL
E qualifier = Estimated Result > Highest Calibration Standard

Analyst

Approved

EK 9/15/08

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Creek Below Pond**

Client Sample Number : **Creek**

Sampling Date : **6/23/2008**
Sampling Time : **10:45**
Sample Matrix : **Water**
Sampler : **Adell**

Lab QC Batch Sample :
Key Lab # : **08-1668**
Work Order # : **0623081668**
Date Recieved : **06/23/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 2200021.D
Date Analyzed : 24 Jun 2008 12:11 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN23\
Lab Sample Information : Water, 1xdil, Marathon, Creek Below Pond
Lab Sample Number : **Creek, 08-1668, 0623081668**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp	Amt	MDL	Units	DF	Final Conc		RDL	Qual	MQL
75-71-8	M1	**dichlorodifluoromethane**	x	2556	0.06	2	ug	1.		<	2.		480
74-87-3	MP1	**chloromethane**	x	0	0.00	2	ug	1.		<	2.		480
75-01-4	MC1	**vinyl chloride**	x	0	0.00	2	ug	1.		<	2.		480
67-64-1	M1	**acetone**	x	63563	3.38	4	ug	1.		<	4.		480
60-29-7	M1	**diethyl ether**	x	0	0.00	2	ug	1.		<	2.		480
74-83-9	M1	**bromomethane**	x	0	0.00	2	ug	1.		<	2.		480
75-00-3	M1	**chloroethane**	x	3304	0.19	2	ug	1.		<	2.		480
75-69-4	M1	**trichlorofluoromethane**	x	0	0.00	1	ug	1.		<	1.		480
75-35-4	MC1	**1,1-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
75-09-2	M1	**methylene chloride**	x	4070	0.15	1	ug	1.		<	1.		480
76-13-1	M1	**1,1,2-trichlorotrifluoroethane**	x	0	0.00	1	ug	1.		<	1.		480
107-05-1	M1	**allyl chloride**	x	0	0.00	1	ug	1.		<	1.		480
156-60-5	M1	**trans 1,2-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
1634-04-4	M1	**[MTBE] tert-butylmethyl ether**	x	0	0.00	1	ug	1.		<	1.		480
75-34-3	MP1	**1,1-dichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
78-93-3	M1	**[MEK] 2-butanone**	x	0	0.00	4	ug	1.		<	4.		480
156-59-4	M1	**cis 1,2-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
590-20-7	M1	**2,2-dichloropropane**	x	1125	0.02	1	ug	1.		<	1.		480
74-97-5	M1	**bromochloromethane**	x	0	0.00	1	ug	1.		<	1.		480
67-66-3	MC1	**chloroform (trichloromethane)**	x	0	0.00	1	ug	1.		<	1.		480
109-99-9	M1	**tetrahydrofruan**	x	0	0.00	4	ug	1.		<	4.		480
71-55-6	M1	**1,1,1-trichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
107-06-2	M1	**1,2 dichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
563-58-6	M1	**1,1-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
71-43-2	M1	**benzene**	x	21593	0.20	1	ug	1.		<	1.		480
56-26-5	M1	**carbon tetrachloride**	x	0	0.00	1	ug	1.		<	1.		480
79-01-6	M1	**trichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
78-87-5	MC1	**1,2-dichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
74-95-3	M1	**dibromomethane**	x	0	0.00	1	ug	1.		<	1.		480
75-27-4	M1	**bromodichloromethane**	x	0	0.00	1	ug	1.		<	1.		480
10061-01-5	M1	**cis 1,3-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
108-10-1	M1	**[MIBK] 4-methyl-2-pentanone**	x	0	0.00	1	ug	1.		<	1.		480
108-88-3	MC1	**toluene**	x	38296	0.55	2	ug	1.		<	2.		480
10061-02-6	M1	**trans 1,3-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
79-00-5	M1	**1,1,2-trichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
142-28-9	M2	**1,3-dichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
124-48-1	M2	**dibromochloromethane**	x	0	0.00	1	ug	1.		<	1.		480
127-18-4	M2	**tetrachloroethene**	x	0	0.00	1	ug	1.		<	1.		480
106-93-4	M2	**1,2-dibromoethane**	x	0	0.00	1	ug	1.		<	1.		480
108-90-7	MP2	**chlorobenzene**	x	0	0.00	1	ug	1.		<	1.		480
630-20-6	M2	**1,1,1,2-tetrachloroethane**	x	0	0.00	1	ug	1.		<	1.		480
100-41-4	MC2	**ethylbenzene**	x	8635	0.05	1	ug	1.		<	1.		480
	M2	**m/p xylene**	x	39926	0.41	1	ug	1.		<	1.		960
100-42-5	M2	**styrene**	x	0	0.00	1	ug	1.		<	1.		480
95-47-6	M2	**o-xylene**	x	8137	0.08	1	ug	1.		<	1.		480
75-25-2	MP2	**bromoform**	x	0	0.00	1	ug	1.		<	1.		480
79-34-5	MP2	**1,1,2,2-tetrachloroethane**	x	0	0.00	1	ug	1.		<	1.		480
98-82-8	M2	**isopropylbenzene**	x	1504	0.01	1	ug	1.		<	1.		480
96-18-4	M2	**1,2,3-trichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
108-86-1	M2	**bromobenzene**	x	0	0.00	1	ug	1.		<	1.		480
95-49-8	M2	**2-chlorotoluene**	x	0	0.00	1	ug	1.		<	1.		480
103-65-1	M2	**n-propylbenzene**	x	0	0.00	1	ug	1.		<	1.		480

EQ 9/15/08

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Creek Below Pond**

Client Sample Number : **Creek**

Sampling Date : **6/23/2008**
Sampling Time : **10:45**
Sample Matrix : **Water**
Sampler : **Adell**

Lab QC Batch Sample :
Key Lab # : **08-1668**
Work Order # : **0623081668**
Date Recieved : **06/23/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 2200021.D
Date Analyzed : 24 Jun 2008 12:11 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN23\
Lab Sample Information : Water, 1xdil, Marathon, Creek Below Pond
Lab Sample Number : **Creek, 08-1668, 0623081668**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp.	Amt.	MDL	Units	DF	Final Conc		RDL	Qual	MQL	
106-43-4	M2	**4-chlorotoluene**	x	0	0.00	1	ug	1.	<		1.		480	
108-67-8	M2	**1,3,5-trimethylbenzene**	x	7701	0.08	1	ug	1.	<		1.		480	
98-06-6	M2	**tert-butylbenzene**	x	0	0.00	1	ug	1.	<		1.		480	
95-63-6	M2	**1,2,4-trimethylbenzene**	x	15802	0.16	1	ug	1.	<		1.		480	
96-12-8	M2	**1.2-dibromo-3-chloropropane**	x	0	0.00	1	ug	1.	<		1.		480	
541-73-1	M3	**1,3-dichlorobenzene**	x	2573	0.06	1	ug	1.	<		1.		480	
99-87-6	M3	**p-isopropyltoluene**	x	81458	1.02	1	ug	1.	**1 ug/L**		1.	J	480	J SQL-I
135-98-8	M3	**sec-butylbenzene**	x	15795	0.16	1	ug	1.	<		1.		480	
106-46-7	M3	**1,4-dichlorobenzene**	x	2570	0.06	1	ug	1.	<		1.		480	
95-50-1	M3	**1,2-dichlorobenzene**	x	0	0.00	1	ug	1.	<		1.		480	
104-51-8	M3	**n-butylbenzene**	x	0	0.00	1	ug	1.	<		1.		480	
87-61-6	M3	**1,2,4-trichlorobenzene**	x	0	0.00	2	ug	1.	<		2.		480	
87-68-3	M3	**hexachlorobutadiene**	x	0	0.00	2	ug	1.	<		2.		480	
91-20-3	M3	**napthylene**	x	8866	0.15	2	ug	1.	<		2.		480	
120-82-1	M3	**1,2,3-trichlorobenzene**	x	0	0.00	2	ug	1.	<		2.		480	

CAS#	Type	System Monitoring Compounds	Resp.	Amt.	Area%	Units	Water Limits	r Limits		Soil Limits		Spike	%Rec
1868-53-7	S1	**dibromofluoromethane**	4188132	68.05	**80**	ug	5211326	65 -	135	50 -	150	69.9	**97.4**
17060-07-0	M1	**1,2 dichloroethane-d4**	1761960	69.37	**82**	ug	2150224	65 -	135	50 -	150	69.9	**99.2**
2037-26-5	S1	**toluene-d8**	4217758	68.38	**80**	ug	5285330	65 -	135	50 -	150	69.9	**97.8**
460-00-4	S2	**4-bromofluorobenzene**	3836858	64.99	**69**	ug	5531588	65 -	135	50 -	150	69.9	**93.**

CAS#	Type	Internal Stanard Compounds	Resp.	Amt.	Area%	Units		Spike
462-06-6	I1	**fluorbenzene**	6994183	69.90	**82**	ug	8484018	69.9
3114-55-4	I2	**chlorobenzene-d5**	3740765	69.90	**74**	ug	5060990	69.9
3855-82-1	I3	**1,4-dichlorobenzene-d4**	2209584	69.90	**57**	ug	3894374	69.9

MDL = Method Detection Limit
PQL = Practical Quantition Limit = 4 x MDL
RDL = Reporting Detection Limit = MDL x Dilution Factor
MQL = Maximum Quantitation Limit = 110% x DF x Highest Calibration Standard

Reporting basis is Kg for solids and L for liquids

J qualifier = MDL < Result < PQL
E qualifier = Estimated Result > Highest Calibration Standard

Analyst

Approved

EQ 9/15/08

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Ned Spring**

Lab QC Batch Sample : **08-1650, Ned Spring**
Key Lab # : **08-1649**
Work Order # : **0620081649**
Date Recieved : **06/20/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 0400004.D
Date Analyzed : 22 Jun 2008 9:34 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN22\
Lab Sample Information : Water, 1xdil, Marathon
Lab Sample Number : **Stock Pond, 08-1649, 0620081649,**

Client Sample Number : **Stock Pond**

Sampling Date : **6/20/2008**
Sampling Time : **14:20**
Sample Matrix : **Water**
Sampler : **Adell**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp.	Amt.	MDL	Units	DF	Final Conc		RDL	Qual	MQL
75-71-8	M1	**dichlorodifluoromethane**	x	2150	0.04	2	ug	1.		<	2.		480
74-87-3	MP1	**chloromethane**	x	0	0.00	2	ug	1.		<	2.		480
75-01-4	MC1	**vinyl chloride**	x	0	0.00	2	ug	1.		<	2.		480
67-64-1	M1	**acetone**	x	152248	6.81	6.85	ug	1.		<	6.85		480
60-29-7	M1	**diethyl ether**	x	0	0.00	2	ug	1.		<	2.		480
74-83-9	M1	**bromomethane**	x	0	0.00	2	ug	1.		<	2.		480
75-00-3	M1	**chloroethane**	x	0	0.00	2	ug	1.		<	2.		480
75-69-4	M1	**trichlorofluoromethane**	x	0	0.00	1	ug	1.		<	1.		480
75-35-4	MC1	**1,1-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
75-09-2	M1	**methylene chloride**	x	2456	0.07	1	ug	1.		<	1.		480
76-13-1	M1	**1,1,2-trichlorotrifluoroethane**	x	0	0.00	1	ug	1.		<	1.		480
107-05-1	M1	**allyl chloride**	x	0	0.00	1	ug	1.		<	1.		480
156-60-5	M1	**trans 1,2-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
1634-04-4	M1	**[MTBE] tert-butylmethyl ether**	x	0	0.00	1	ug	1.		<	1.		480
75-34-3	MP1	**1,1-dichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
78-93-3	M1	**[MEK] 2-butanone**	x	0	0.00	4	ug	1.		<	4.		480
156-59-4	M1	**cis 1,2-dichloroethene**	x	0	0.00	1	ug	1.		<	1.		480
590-20-7	M1	**2,2-dichloropropane**	x	3079	0.04	1	ug	1.		<	1.		480
74-97-5	M1	**bromochloromethane**	x	0	0.00	1	ug	1.		<	1.		480
67-66-3	MC1	**chloroform (trichloromethane)**	x	0	0.00	1	ug	1.		<	1.		480
109-99-9	M1	**tetrahydrofruan**	x	18462	1.09	4	ug	1.		<	4.		480
71-55-6	M1	**1,1,1-trichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
107-06-2	M1	**1,2 dichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
563-58-6	M1	**1,1-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
71-43-2	M1	**benzene**	x	24845	0.19	1	ug	1.		<	1.		480
56-26-5	M1	**carbon tetrachloride**	x	0	0.00	1	ug	1.		<	1.		480
79-01-6	M1	**trichloroethene**	x	11088	0.14	1	ug	1.		<	1.		480
78-87-5	MC1	**1,2-dichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
74-95-3	M1	**dibromomethane**	x	0	0.00	1	ug	1.		<	1.		480
75-27-4	M1	**bromodichloromethane**	x	0	0.00	1	ug	1.		<	1.		480
10061-01-5	M1	**cis 1,3-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
108-10-1	M1	**[MIBK] 4-methyl-2-pentanone**	x	0	0.00	1	ug	1.		<	1.		480
108-88-3	MC1	**toluene**	x	50215	0.60	2	ug	1.		<	2.		480
10061-02-6	M1	**trans 1,3-dichloropropene**	x	0	0.00	1	ug	1.		<	1.		480
79-00-5	M1	**1,1,2-trichloroethane**	x	0	0.00	1	ug	1.		<	1.		480
142-28-9	M2	**1,3-dichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
124-48-1	M2	**dibromochloromethane**	x	0	0.00	1	ug	1.		<	1.		480
127-18-4	M2	**tetrachloroethene**	x	0	0.00	1	ug	1.		<	1.		480
106-93-4	M2	**1,2-dibromoethane**	x	0	0.00	1	ug	1.		<	1.		480
108-90-7	MP2	**chlorobenzene**	x	0	0.00	1	ug	1.		<	1.		480
630-20-6	M2	**1,1,1,2-tetrachloroethane**	x	0	0.00	1	ug	1.		<	1.		480
100-41-4	MC2	**ethylbenzene**	x	9551	0.05	1	ug	1.		<	1.		480
	M2	**m/p xylene**	x	47111	0.40	1	ug	1.		<	1.		960
100-42-5	M2	**styrene**	x	0	0.00	1	ug	1.		<	1.		480
95-47-6	M2	**o-xylene**	x	19058	0.16	1	ug	1.		<	1.		480
75-25-2	MP2	**bromoform**	x	0	0.00	1	ug	1.		<	1.		480
79-34-5	MP2	**1,1,2,2-tetrachloroethane**	x	0	0.00	1	ug	1.		<	1.		480
98-82-8	M2	**isopropylbenzene**	x	1536	0.01	1	ug	1.		<	1.		480
96-18-4	M2	**1,2,3-trichloropropane**	x	0	0.00	1	ug	1.		<	1.		480
108-86-1	M2	**bromobenzene**	x	0	0.00	1	ug	1.		<	1.		480
95-49-8	M2	**2-chlorotoluene**	x	0	0.00	1	ug	1.		<	1.		480
103-65-1	M2	**n-propylbenzene**	x	0	0.00	1	ug	1.		<	1.		480

EQ 9/15/08

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Ned Spring**

Client Sample Number : **Stock Pond**

Sampling Date : **6/20/2008**
Sampling Time : **14:20**
Sample Matrix : **Water**
Sampler : **Adell**

Lab QC Batch Sample : **08-1650, Ned Spring**
Key Lab # : **08-1649**
Work Order # : **0620081649**
Date Recieved : **06/20/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 0400004.D
Date Analyzed : 22 Jun 2008 9:34 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN22\
Lab Sample Information : Water, 1xdil, Marathon
Lab Sample Number : **Stock Pond, 08-1649, 0620081649,**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp.	Amt.	MDL	Units	DF	Final Conc		RDL	Qual	MQL
106-43-4	M2	**4-chlorotoluene**	x	0	0.00	1	ug	1.		<	1.		480
108-67-8	M2	**1,3,5-trimethylbenzene**	x	8636	0.07	1	ug	1.		<	1.		480
98-06-6	M2	**tert-butylbenzene**	x	0	0.00	1	ug	1.		<	1.		480
95-63-6	M2	**1,2,4-trimethylbenzene**	x	28235	0.24	1	ug	1.		<	1.		480
96-12-8	M2	**1.2-dibromo-3-chloropropane**	x	0	0.00	1	ug	1.		<	1.		480
541-73-1	M3	**1,3-dichlorobenzene**	x	0	0.00	1	ug	1.		<	1.		480
99-87-6	M3	**p-isopropyltoluene**	x	0	0.00	1	ug	1.		<	1.		480
135-98-8	M3	**sec-butylbenzene**	x	3286	0.02	1	ug	1.		<	1.		480
106-46-7	M3	**1,4-dichlorobenzene**	x	0	0.00	1	ug	1.		<	1.		480
95-50-1	M3	**1,2-dichlorobenzene**	x	0	0.00	1	ug	1.		<	1.		480
104-51-8	M3	**n-butylbenzene**	x	0	0.00	1	ug	1.		<	1.		480
87-61-6	M3	**1,2,4-trichlorobenzene**	x	0	0.00	2	ug	1.		<	2.		480
87-68-3	M3	**hexachlorobutadiene**	x	0	0.00	2	ug	1.		<	2.		480
91-20-3	M3	**napthylene**	x	8415	0.10	2	ug	1.		<	2.		480
120-82-1	M3	**1,2,3-trichlorobenzene**	x	0	0.00	2	ug	1.		<	2.		480

CAS#	Type	System Monitoring Compounds	Resp.	Amt.	Area%	Units		Water Limits		Soil Limits		Spike	%Rec
1868-53-7	S1	**dibromofluoromethane**	4709136	64.32	90	ug	5211326	65 -	135	50 -	150	69.9	**92.**
17060-07-0	M1	**1,2 dichloroethane-d4**	2086039	69.05	97	ug	2150224	65 -	135	50 -	150	69.9	**98.8**
2037-26-5	S1	**toluene-d8**	4949187	67.46	94	ug	5285330	65 -	135	50 -	150	69.9	**96.5**
460-00-4	S2	**4-bromofluorobenzene**	4738074	66.54	86	ug	5531588	65 -	135	50 -	150	69.9	**95.2**

CAS#	Type	Internal Stanard Compounds	Resp.	Amt.	Area%	Units		Spike
462-06-6	I1	**fluorbenzene**	8319733	69.90	98	ug	8484018	69.9
3114-55-4	I2	**chlorobenzene-d5**	4511957	69.90	89	ug	5060990	69.9
3855-82-1	I3	**1,4-dichlorobenzene-d4**	3037373	69.90	78	ug	3894374	69.9

MDL = Method Detection Limit
PQL = Practical Quantition Limit = 4 x MDL
RDL = Reporting Detection Limit = MDL x Dilution Factor
MQL = Maximum Quantitation Limit = 110% x DF x Highest Calibration Standard

Reporting basis is Kg for solids and L for liquids

J qualifier = MDL < Result < PQL
E qualifier = Estimated Result > Highest Calibration Standard

Analyst

Approved

EQ 9/15/08

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Ned Spring**

Lab QC Batch Sample : **08-1650, Ned Spring**
Key Lab # : **08-1650**
Work Order # : **0620081649**
Date Recieved : **06/20/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 0500005.D
Date Analyzed : 22 Jun 2008 10:12 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN22\
Lab Sample Information : Water, 1xdil, Marathon
Lab Sample Number : **Ned Spring, 08-1650, M, 0620081649,**

Client Sample Number : **Ned Spring**

Sampling Date : **6/20/2008**
Sampling Time : **14:35**
Sample Matrix : **Water**
Sampler : **Adell**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp	Amt	MDL	Units	DF	Final Conc		RDL	Qual	MQL
75-71-8	M1	dichlorodifluoromethane	x	1107	0.02	2	ug	1.	<	2.			480
74-87-3	MP1	chloromethane	x	0	0.00	2	ug	1.	<	2.			480
75-01-4	MC1	vinyl chloride	x	0	0.00	2	ug	1.	<	2.			480
67-64-1	M1	acetone	x	191601	8.73	6.85	ug	1.	**8.7 ug/L**	6.85	J		480
60-29-7	M1	diethyl ether	x	0	0.00	2	ug	1.	<	2.			480
74-83-9	M1	bromomethane	x	0	0.00	2	ug	1.	<	2.			480
75-00-3	M1	chloroethane	x	0	0.00	2	ug	1.	<	2.			480
75-69-4	M1	trichlorofluoromethane	x	0	0.00	1	ug	1.	<	1.			480
75-35-4	MC1	1,1-dichloroethene	x	0	0.00	1	ug	1.	<	1.			480
75-09-2	M1	methylene chloride	x	3480	0.11	1	ug	1.	<	1.			480
76-13-1	M1	1,1,2-trichlorotrifluoroethane	x	0	0.00	1	ug	1.	<	1.			480
107-05-1	M1	allyl chloride	x	0	0.00	1	ug	1.	<	1.			480
156-60-5	M1	trans 1,2-dichloroethene	x	0	0.00	1	ug	1.	<	1.			480
1634-04-4	M1	[MTBE] tert-butylmethyl ether	x	0	0.00	1	ug	1.	<	1.			480
75-34-3	MP1	1,1-dichloroethane	x	0	0.00	1	ug	1.	<	1.			480
78-93-3	M1	[MEK] 2-butanone	x	0	0.00	4	ug	1.	<	4.			480
156-59-4	M1	cis 1,2-dichloroethene	x	1174	0.03	1	ug	1.	<	1.			480
590-20-7	M1	2,2-dichloropropane	x	4125	0.05	1	ug	1.	<	1.			480
74-97-5	M1	bromochloromethane	x	0	0.00	1	ug	1.	<	1.			480
67-66-3	MC1	chloroform (trichloromethane)	x	0	0.00	1	ug	1.	<	1.			480
109-99-9	M1	tetrahydrofruan	x	24107	1.45	4	ug	1.	<	4.			480
71-55-6	M1	1,1,1-trichloroethane	x	0	0.00	1	ug	1.	<	1.			480
107-06-2	M1	1,2 dichloroethane	x	0	0.00	1	ug	1.	<	1.			480
563-58-6	M1	1,1-dichloropropene	x	0	0.00	1	ug	1.	<	1.			480
71-43-2	M1	benzene	x	18840	0.15	1	ug	1.	<	1.			480
56-26-5	M1	carbon tetrachloride	x	0	0.00	1	ug	1.	<	1.			480
79-01-6	M1	trichloroethene	x	1611	0.02	1	ug	1.	<	1.			480
78-87-5	MC1	1,2-dichloropropane	x	0	0.00	1	ug	1.	<	1.			480
74-95-3	M1	dibromomethane	x	0	0.00	1	ug	1.	<	1.			480
75-27-4	M1	bromodichloromethane	x	0	0.00	1	ug	1.	<	1.			480
10061-01-5	M1	cis 1,3-dichloropropene	x	0	0.00	1	ug	1.	<	1.			480
108-10-1	M1	[MIBK] 4-methyl-2-pentanone	x	0	0.00	1	ug	1.	<	1.			480
108-88-3	MC1	toluene	x	36397	0.44	2	ug	1.	<	2.			480
10061-02-6	M1	trans 1,3-dichloropropene	x	0	0.00	1	ug	1.	<	1.			480
79-00-5	M1	1,1,2-trichloroethane	x	0	0.00	1	ug	1.	<	1.			480
142-28-9	M2	1,3-dichloropropane	x	0	0.00	1	ug	1.	<	1.			480
124-48-1	M2	dibromochloromethane	x	0	0.00	1	ug	1.	<	1.			480
127-18-4	M2	tetrachloroethene	x	0	0.00	1	ug	1.	<	1.			480
106-93-4	M2	1,2-dibromoethane	x	0	0.00	1	ug	1.	<	1.			480
108-90-7	MP2	chlorobenzene	x	0	0.00	1	ug	1.	<	1.			480
630-20-6	M2	1,1,1,2-tetrachloroethane	x	0	0.00	1	ug	1.	<	1.			480
100-41-4	MC2	ethylbenzene	x	6751	0.03	1	ug	1.	<	1.			480
	M2	m/p xylene	x	27903	0.24	1	ug	1.	<	1.			960
100-42-5	M2	styrene	x	0	0.00	1	ug	1.	<	1.			480
95-47-6	M2	o-xylene	x	10628	0.09	1	ug	1.	<	1.			480
75-25-2	MP2	bromoform	x	0	0.00	1	ug	1.	<	1.			480
79-34-5	MP2	1,1,2,2-tetrachloroethane	x	0	0.00	1	ug	1.	<	1.			480
98-82-8	M2	isopropylbenzene	x	4103	0.03	1	ug	1.	<	1.			480
96-18-4	M2	1,2,3-trichloropropane	x	0	0.00	1	ug	1.	<	1.			480
108-86-1	M2	bromobenzene	x	0	0.00	1	ug	1.	<	1.			480
95-49-8	M2	2-chlorotoluene	x	0	0.00	1	ug	1.	<	1.			480
103-65-1	M2	n-propylbenzene	x	0	0.00	1	ug	1.	<	1.			480

J SQL-I

EQ 9/15/08

KEY LABORATORIES, INC.
2479 River Road Unit A
Grand Junction, CO 81505
(970)243-5311 FAX (970)243-6010

8260 Analytical Report

Client : **Marathon Oil**
Client Project Name : **Ned Spring**

Client Sample Number : **Ned Spring**

Sampling Date : **6/20/2008**
Sampling Time : **14:35**
Sample Matrix : **Water**
Sampler : **Adell**

Lab QC Batch Sample : **08-1650, Ned Spring**
Key Lab # : **08-1650**
Work Order # : **0620081649**
Date Recieved : **06/20/08**
Method : EPA SW846 5030/5035/8260
Technician : KEY
Data File Name: 0500005.D
Date Analyzed : 22 Jun 2008 10:12 pm
Data File Path : C:\MSDCHEM\1\DATA_0806JUN22\
Lab Sample Information : Water, 1xdil, Marathon
Lab Sample Number : **Ned Spring, 08-1650, M, 0620081649,**

Reported==>> x DF = 1

CAS#	Type	Target Compounds	Audit	Resp.	Amt.	MDL	Units	DF	Final Conc		RDL	Qual	MQL
106-43-4	M2	**4-chlorotoluene**	x	0	0.00	1	ug	1.		<	1.		480
108-67-8	M2	**1,3,5-trimethylbenzene**	x	17721	0.15	1	ug	1.		<	1.		480
98-06-6	M2	**tert-butylbenzene**	x	1772	0.02	1	ug	1.		<	1.		480
95-63-6	M2	**1,2,4-trimethylbenzene**	x	12772	0.11	1	ug	1.		<	1.		480
96-12-8	M2	**1.2-dibromo-3-chloropropane**	x	0	0.00	1	ug	1.		<	1.		480
541-73-1	M3	**1,3-dichlorobenzene**	x	1387	0.02	1	ug	1.		<	1.		480
99-87-6	M3	**p-isopropyltoluene**	x	2180	0.02	1	ug	1.		<	1.		480
135-98-8	M3	**sec-butylbenzene**	x	3630	0.03	1	ug	1.		<	1.		480
106-46-7	M3	**1,4-dichlorobenzene**	x	0	0.00	1	ug	1.		<	1.		480
95-50-1	M3	**1,2-dichlorobenzene**	x	0	0.00	1	ug	1.		<	1.		480
104-51-8	M3	**n-butylbenzene**	x	0	0.00	1	ug	1.		<	1.		480
87-61-6	M3	**1,2,4-trichlorobenzene**	x	0	0.00	2	ug	1.		<	2.		480
87-68-3	M3	**hexachlorobutadiene**	x	0	0.00	2	ug	1.		<	2.		480
91-20-3	M3	**napthylene**	x	8584	0.11	2	ug	1.		<	2.		480
120-82-1	M3	**1,2,3-trichlorobenzene**	x	0	0.00	2	ug	1.		<	2.		480

CAS#	Type	System Monitoring Compounds	Resp.	Amt.	Area%	Units		Water Limits			Soil Limits		Spike	%Rec
1868-53-7	S1	**dibromofluoromethane**	4661926	64.91	**89**	ug	5211326	65 -	135	50 -	150		69.9	**92.9**
17060-07-0	M1	**1,2 dichloroethane-d4**	2110097	71.19	**98**	ug	2150224	65 -	135	50 -	150		69.9	**101.8**
2037-26-5	S1	**toluene-d8**	4813984	66.88	**91**	ug	5285330	65 -	135	50 -	150		69.9	**95.7**
460-00-4	S2	**4-bromofluorobenzene**	4662832	66.05	**84**	ug	5531588	65 -	135	50 -	150		69.9	**94.5**

CAS#	Type	Internal Stanard Compounds	Resp.	Amt.	Area%	Units		Spike
462-06-6	I1	**fluorbenzene**	8162562	69.90	**96**	ug	8484018	69.9
3114-55-4	I2	**chlorobenzene-d5**	4473141	69.90	**88**	ug	5060990	69.9
3855-82-1	I3	**1,4-dichlorobenzene-d4**	3043537	69.90	**78**	ug	3894374	69.9

MDL = Method Detection Limit
PQL = Practical Quantition Limit = 4 x MDL
RDL = Reporting Detection Limit = MDL x Dilution Factor
MQL = Maximum Quantitation Limit = 110% x DF x Highest Calibration Standard

Reporting basis is Kg for solids and L for liquids

J qualifier = MDL < Result < PQL
E qualifier = Estimated Result > Highest Calibration Standard

Analyst

Approved

EC 9/15/08