EPA Region 5 Records Ctr.
312139

LABORATORY DETAIL REPORT

Client: *Kalamazoo Water Reclamation Plant*

KAR Project No. : *072424*
Date Reported : *06/29/07*

Project Desc. : *Analysis of 16 drinking water samples.*

Sample ID : *"Station 17, 07-166"*
Sampled By :
Sample Date : *6/15/2007*
Sample Time : *1145*
Date Received : *6/15/2007*
Sample Type : *SDWA*
KAR Sample No. : *072424-16*

VOC
CMET
PC

Test	Result	Units of Measure	Method	Analyzed	Analyst	Comments
Prep, metals	Completed		EPA 30xx,200.x	06/18/07	DBL	
Antimony, total, low level	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.006 mg/L
Arsenic, total, low level	0.002	mg/L	EPA 200.8	06/26/07	PML	MCL*=0.01 mg/L
Beryllium, total, low level	<0.001	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.004 mg/L
Cadmium, total, low level	<0.0002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.005 mg/L
Calcium, total	80.4	mg/L	EPA 200.7	06/21/07	DBL	
Chromium, total	<0.01	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Cobalt, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	
Copper, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=1.3 mg/L
Iron, total	1.04	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[0.3 mg/L]
Lead, total	<0.003	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.015 mg/L
Magnesium, total	24.0	mg/L	EPA 200.7	06/21/07	DBL	
Manganese, total	0.179	mg/L	EPA 200.8	06/26/07	PML	MCL*=[0.05 mg/L]
Nickel, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Potassium, total	1.0	mg/L	EPA 200.7	06/21/07	DBL	
Selenium, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.05 mg/L
Silver, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=[0.1 mg/L]
Sodium, total	6.1	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[20 mg/L]
Thallium, total, low level	<0.002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.002 mg/L
Zinc, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=[5 mg/L]
Fluoride	0.12	mg/L	EPA 300.0A	06/18/07	MTW	MCL*=4 mg/L
Nitrogen, nitrate	<0.1	mg/L	EPA 353.2	06/15/07	MTW	MCL*=10 mg/L
Nitrogen, nitrite	<0.1	mg/L	EPA 353.2	06/15/07	MTW	MCL*=1 mg/L
Silica	16.2	mg/L	SM 4500-Si E	06/20/07	DMC	Result represents molybdate-reactive silica only.
Sulfate	27	mg/L	EPA 300.0A	06/18/07	MTW	MCL*=[250 mg/L]
Regulated/Unregulated VOC's	See below		EPA 524.2	06/20/07	JAR	
Prep, VOA	Completed		EPA 524.2	06/20/07	JAR	
1,1,1,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,1-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=200 ug/L
1,1,2,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,2-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=5 ug/L
1,1-Dichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1-Dichloroethene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=7 ug/L
1,1-Dichloropropene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,4-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=70 ug/L
1,2,4-Trimethylbenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2-Dibromo-3-chloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=0.2 ug/L
1,2-Dichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=600 ug/L

*MCL = Maximum Contaminant Level set by USEPA. Values enclosed in brackets ([]) are Secondary MCL's and are non-enforceable guidelines for aesthetic quality.

JP

LABORATORY DETAIL REPORT

Client: ***Kalamazoo Water Reclamation Plant***

KAR Project No. : ***072424***

Date Reported : ***06/29/07***

Project Desc. : ***Analysis of 16 drinking water samples.***

Sample ID : ***"Station 4, 07-163"***

Sampled By : ***JH of KWRP***

Sample Date : ***6/12/2007***

Sample Time : ***1355***

Date Received : ***6/12/2007***

Sample Type : ***SDWA***

KAR Sample No. : ***072424-02***

Test	Result	Units of Measure	Method	Analyzed	Analyst	Comments
Prep, metals	Completed		EPA 30xx,200.x	06/15/07	PML	
Antimony, total, low level	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.006 mg/L
Arsenic, total, low level	0.005	mg/L	EPA 200.8	06/26/07	PML	MCL*=0.01 mg/L
Beryllium, total, low level	<0.001	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.004 mg/L
Cadmium, total, low level	<0.0002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.005 mg/L
Calcium, total	80.8	mg/L	EPA 200.7	06/18/07	DBL	
Chromium, total	<0.01	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Cobalt, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	
Copper, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=1.3 mg/L
Iron, total	1.29	mg/L	EPA 200.7	06/18/07	DBL	MCL*=[0.3 mg/L]
Lead, total	<0.003	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.015 mg/L
Magnesium, total	28.9	mg/L	EPA 200.7	06/18/07	DBL	
Manganese, total	0.079	mg/L	EPA 200.8	06/26/07	PML	MCL*=[0.05 mg/L]
Nickel, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Potassium, total	1.5	mg/L	EPA 200.7	06/18/07	DBL	
Selenium, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.05 mg/L
Silver, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=[0.1 mg/L]
Sodium, total	18.9	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[20 mg/L]
Thallium, total, low level	<0.002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.002 mg/L
Zinc, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=[5 mg/L]
Fluoride	0.34	mg/L	EPA 300.0A	06/14/07	MTW	MCL*=4 mg/L
Nitrogen, nitrate	<0.1	mg/L	EPA 353.2	06/13/07	MTW	MCL*=10 mg/L
Nitrogen, nitrite	<0.1	mg/L	EPA 353.2	06/13/07	MTW	MCL*=1 mg/L
Silica	14.6	mg/L	SM 4500-Si E	06/20/07	DMC	Result represents molybdate-reactive silica only.
Sulfate	33	mg/L	EPA 300.0A	06/14/07	MTW	MCL*=[250 mg/L]
Regulated/Unregulated VOC's	See below		EPA 524.2	06/20/07	JAR	
Prep, VOA	Completed		EPA 524.2	06/20/07	JAR	
1,1,1,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,1-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=200 ug/L
1,1,2,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,2-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=5 ug/L
1,1-Dichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1-Dichloroethene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=7 ug/L
1,1-Dichloropropene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,4-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=70 ug/L
1,2,4-Trimethylbenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2-Dibromo-3-chloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=0.2 ug/L
1,2-Dichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=600 ug/L

*MCL = Maximum Contaminant Level set by USEPA. Values enclosed in brackets ([]) are Secondary MCL's and are non-enforceable guidelines for aesthetic quality.

CMCTZ
VOC
PC
JD

JB

LABORATORY DETAIL REPORT

Client: *Kalamazoo Water Reclamation Plant*

KAR Project No. : *072424*

Date Reported : *06/29/07*

Project Desc. : *Analysis of 16 drinking water samples.*

Sample ID : *"Central Station, Station 1, 07-163"*

Sampled By : *JH of KWRP*

Sample Date : *6/12/2007*

Sample Time : *1020*

Date Received : *6/12/2007*

Sample Type : *SDWA*

KAR Sample No. : *072424-01*

Test	Result	Units of Measure	Method	Analyzed	Analyst	Comments
Prep, metals	Completed		EPA 30xx,200.x	06/15/07	PML	
Antimony, total, low level	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.006 mg/L
Arsenic, total, low level	<0.001	mg/L	EPA 200.8	06/26/07	PML	MCL*=0.01 mg/L
Beryllium, total, low level	<0.001	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.004 mg/L
Cadmium, total, low level	<0.0002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.005 mg/L
Calcium, total	100	mg/L	EPA 200.7	06/18/07	DBL	
Chromium, total	<0.01	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Cobalt, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	
Copper, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=1.3 mg/L
Iron, total	<0.01	mg/L	EPA 200.7	06/18/07	DBL	MCL*=[0.3 mg/L]
Lead, total	<0.003	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.015 mg/L
Magnesium, total	31.8	mg/L	EPA 200.7	06/18/07	DBL	
Manganese, total	<0.005	mg/L	EPA 200.8	06/26/07	PML	MCL*=[0.05 mg/L]
Nickel, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Potassium, total	2.4	mg/L	EPA 200.7	06/18/07	DBL	
Selenium, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.05 mg/L
Silver, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=[0.1 mg/L]
Sodium, total	56.8	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[20 mg/L]
Thallium, total, low level	<0.002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.002 mg/L
Zinc, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=[5 mg/L]
Fluoride	0.07	mg/L	EPA 300.0A	06/14/07	MTW	MCL*=4 mg/L
Nitrogen, nitrate	0.5	mg/L	EPA 353.2	06/13/07	MTW	MCL*=10 mg/L
Nitrogen, nitrite	<0.1	mg/L	EPA 353.2	06/13/07	MTW	MCL*=1 mg/L
Silica	13.2	mg/L	SM 4500-Si E	06/20/07	DMC	Result represents molybdate-reactive silica only.
Sulfate	41	mg/L	EPA 300.0A	06/14/07	MTW	MCL*=[250 mg/L]
Regulated/Unregulated VOC's	See below		EPA 524.2	06/20/07	JAR	
Prep, VOA	Completed		EPA 524.2	06/20/07	JAR	
1,1,1,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,1-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=200 ug/L
1,1,2,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,2-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=5 ug/L
1,1-Dichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1-Dichloroethene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=7 ug/L
1,1-Dichloropropene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,4-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=70 ug/L
1,2,4-Trimethylbenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2-Dibromo-3-chloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=0.2 ug/L
1,2-Dichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=600 ug/L

*MCL = Maximum Contaminant Level set by USEPA. Values enclosed in brackets ([]) are Secondary MCL's and are non-enforceable guidelines for aesthetic quality.

CMET 2
VOL
PC JB

LABORATORY DETAIL REPORT

Client: ***Kalamazoo Water Reclamation Plant***

KAR Project No. : ***072424***

Date Reported : ***06/29/07***

Project Desc. : ***Analysis of 16 drinking water samples.***

Sample ID : ***"Station 8, 07-163"***

Sampled By : ***JH of KWRP***

Sample Date : ***6/12/2007***

Sample Time : ***1045***

Date Received : ***6/12/2007***

Sample Type : ***SDWA***

KAR Sample No. : ***072424-04***

Test	Result	Units of Measure	Method	Analyzed	Analyst	Comments
Prep, metals	Completed		EPA 30xx,200.x	06/15/07	PML	
Antimony, total, low level	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.008 mg/L
Arsenic, total, low level	0.005	mg/L	EPA 200.8	06/26/07	PML	MCL*=0.01 mg/L
Beryllium, total, low level	<0.001	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.004 mg/L
Cadmium, total, low level	<0.0002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.005 mg/L
Calcium, total	89.7	mg/L	EPA 200.7	06/18/07	DBL	
Chromium, total	<0.01	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Cobalt, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	
Copper, total	0.024	mg/L	EPA 200.8	06/25/07	PML	MCL*=1.3 mg/L
Iron, total	1.23	mg/L	EPA 200.7	06/18/07	DBL	MCL*=[0.3 mg/L]
Lead, total	<0.003	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.015 mg/L
Magnesium, total	29.7	mg/L	EPA 200.7	06/18/07	DBL	
Manganese, total	0.202	mg/L	EPA 200.8	06/26/07	PML	MCL*=[0.05 mg/L]
Nickel, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Potassium, total	1.3	mg/L	EPA 200.7	06/18/07	DBL	
Selenium, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.05 mg/L
Silver, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=[0.1 mg/L]
Sodium, total	28.6	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[20 mg/L]
Thallium, total, low level	<0.002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.002 mg/L
Zinc, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=[5 mg/L]
Fluoride	0.67	mg/L	EPA 300.0A	06/14/07	MTW	MCL*=4 mg/L
Nitrogen, nitrate	<0.1	mg/L	EPA 353.2	06/13/07	MTW	MCL*=10 mg/L
Nitrogen, nitrite	<0.1	mg/L	EPA 353.2	06/13/07	MTW	MCL*=1 mg/L
Silica	16.0	mg/L	SM 4500-Si E	06/20/07	DMC	Result represents molybdate-reactive silica only.
Sulfate	44	mg/L	EPA 300.0A	06/14/07	MTW	MCL*=[250 mg/L]
Regulated/Unregulated VOC's	See below		EPA 524.2	06/20/07	JAR	
Prep, VOA	Completed		EPA 524.2	06/20/07	JAR	
1,1,1,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,1-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=200 ug/L
1,1,2,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,2-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=5 ug/L
1,1-Dichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1-Dichloroethene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=7 ug/L
1,1-Dichloropropene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,4-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=70 ug/L
1,2,4-Trimethylbenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2-Dibromo-3-chloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=0.2 ug/L
1,2-Dichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=600 ug/L

*MCL = Maximum Contaminant Level set by USEPA. Values enclosed in brackets ([]) are Secondary MCL's and are non-enforceable guidelines for aesthetic quality.

CONT^2
VOC
PC

TB

LABORATORY DETAIL REPORT

Client: *Kalamazoo Water Reclamation Plant*

KAR Project No. : *072424*
Date Reported : *06/29/07*

Project Desc. : *Analysis of 16 drinking water samples.*

Sample ID : *"Station 9, 07-163"*
Sampled By : *JH of KWRP*
Sample Date : *6/12/2007*
Sample Time : *1324*
Date Received : *6/12/2007*
Sample Type : *SDWA*
KAR Sample No. : *072424-05*

Test	Result	Units of Measure	Method	Analyzed	Analyst	Comments
Prep, metals	Completed		EPA 30xx,200.x	06/15/07	PML	
Antimony, total, low level	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.006 mg/L
Arsenic, total, low level	0.004	mg/L	EPA 200.8	06/26/07	PML	MCL*=0.01 mg/L
Beryllium, total, low level	<0.001	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.004 mg/L
Cadmium, total, low level	<0.0002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.005 mg/L
Calcium, total	64.4	mg/L	EPA 200.7	06/18/07	DBL	
Chromium, total	<0.01	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Cobalt, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	
Copper, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=1.3 mg/L
Iron, total	0.48	mg/L	EPA 200.7	06/18/07	DBL	MCL*=[0.3 mg/L]
Lead, total	<0.003	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.015 mg/L
Magnesium, total	23.3	mg/L	EPA 200.7	06/18/07	DBL	
Manganese, total	0.155	mg/L	EPA 200.8	06/26/07	PML	MCL*=[0.05 mg/L]
Nickel, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Potassium, total	1.5	mg/L	EPA 200.7	06/18/07	DBL	
Selenium, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.05 mg/L
Silver, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=[0.1 mg/L]
Sodium, total	25.7	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[20 mg/L]
Thallium, total, low level	<0.002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.002 mg/L
Zinc, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=[5 mg/L]
Fluoride	0.74	mg/L	EPA 300.0A	06/14/07	MTW	MCL*=4 mg/L
Nitrogen, nitrate	<0.1	mg/L	EPA 353.2	06/13/07	MTW	MCL*=10 mg/L
Nitrogen, nitrite	<0.1	mg/L	EPA 353.2	06/13/07	MTW	MCL*=1 mg/L
Silica	11.9	mg/L	SM 4500-Si E	06/20/07	DMC	Result represents molybdate-reactive silica only.
Sulfate	24	mg/L	EPA 300.0A	06/14/07	MTW	MCL*=[250 mg/L]
Regulated/Unregulated VOC's	See below		EPA 524.2	06/20/07	JAR	
Prep, VOA	Completed		EPA 524.2	06/20/07	JAR	
1,1,1,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,1-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=200 ug/L
1,1,2,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,2-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=5 ug/L
1,1-Dichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1-Dichloroethene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=7 ug/L
1,1-Dichloropropene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,4-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=70 ug/L
1,2,4-Trimethylbenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2-Dibromo-3-chloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=0.2 ug/L
1,2-Dichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=600 ug/L

*MCL = Maximum Contaminant Level set by USEPA. Values enclosed in brackets ([]) are Secondary MCL's and are non-enforceable guidelines for aesthetic quality.

CMETL
VOC
PL

JB

WC

LABORATORY DETAIL REPORT

Client: ***Kalamazoo Water Reclamation Plant***

KAR Project No. : ***072424***

Date Reported : ***06/29/07***

Project Desc. : ***Analysis of 16 drinking water samples.***

Sample ID : ***"Station 2, 07-166"***

Sampled By :

Sample Date : ***6/15/2007***

Sample Time : ***0920***

Date Received : ***6/15/2007***

Sample Type : ***SDWA***

KAR Sample No. : ***072424-14***

Test	Result	Units of Measure	Method	Analyzed	Analyst	Comments
Prep, metals	Completed		EPA 30xx,200.x	06/18/07	DBL	
Antimony, total, low level	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.006 mg/L
Arsenic, total, low level	0.001	mg/L	EPA 200.8	06/26/07	PML	MCL*=0.01 mg/L
Beryllium, total, low level	<0.001	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.004 mg/L
Cadmium, total, low level	<0.0002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.005 mg/L
Calcium, total	96.3	mg/L	EPA 200.7	06/21/07	DBL	
Chromium, total	<0.01	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Cobalt, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	
Copper, total	0.120	mg/L	EPA 200.8	06/25/07	PML	MCL*=1.3 mg/L
Iron, total	0.58	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[0.3 mg/L]
Lead, total	0.003	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.015 mg/L
Magnesium, total	33.8	mg/L	EPA 200.7	06/21/07	DBL	
Manganese, total	0.097	mg/L	EPA 200.8	06/26/07	PML	MCL*=[0.05 mg/L]
Nickel, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Potassium, total	2.7	mg/L	EPA 200.7	06/21/07	DBL	
Selenium, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.05 mg/L
Silver, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=[0.1 mg/L]
Sodium, total	84.0	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[20 mg/L]
Thallium, total, low level	<0.002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.002 mg/L
Zinc, total	0.081	mg/L	EPA 200.8	06/25/07	PML	MCL*=[5 mg/L]
Fluoride	0.30	mg/L	EPA 300.0A	06/18/07	MTW	MCL*=4 mg/L
Nitrogen, nitrate	<0.1	mg/L	EPA 353.2	06/15/07	MTW	MCL*=10 mg/L
Nitrogen, nitrite	<0.1	mg/L	EPA 353.2	06/15/07	MTW	MCL*=1 mg/L
Silica	13.4	mg/L	SM 4500-Si E	06/20/07	DMC	Result represents molybdate-reactive silica only.
Sulfate	47	mg/L	EPA 300.0A	06/18/07	MTW	MCL*=[250 mg/L]
Regulated/Unregulated VOC's	See below		EPA 524.2	06/20/07	JAR	
Prep, VOA	Completed		EPA 524.2	06/20/07	JAR	
1,1,1,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,1-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=200 ug/L
1,1,2,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,2-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=5 ug/L
1,1-Dichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1-Dichloroethene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=7 ug/L
1,1-Dichloropropene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,4-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=70 ug/L
1,2,4-Trimethylbenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2-Dibromo-3-chloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=0.2 ug/L
1,2-Dichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=600 ug/L

*MCL = Maximum Contaminant Level set by USEPA. Values enclosed in brackets ([]) are Secondary MCL's and are non-enforceable guidelines for aesthetic quality.

LABORATORY DETAIL REPORT

Client: ***Kalamazoo Water Reclamation Plant***

KAR Project No. : ***072424***

Date Reported : ***06/29/07***

Project Desc. : ***Analysis of 16 drinking water samples.***

Sample ID : ***"Station 18, 07-164"***

Sampled By : ***MC of KWRP***

Sample Date : ***6/13/2007***

Sample Time : ***0828***

Date Received : ***6/13/2007***

Sample Type : ***SDWA***

KAR Sample No. : ***072424-13***

Test	Result	Units of Measure	Method	Analyzed	Analyst	Comments
Prep, metals	Completed		EPA 30xx,200.x	06/15/07	PML	
Antimony, total, low level	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.006 mg/L
Arsenic, total, low level	0.004	mg/L	EPA 200.8	06/26/07	PML	MCL*=0.01 mg/L
Beryllium, total, low level	<0.001	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.004 mg/L
Cadmium, total, low level	<0.0002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.005 mg/L
Calcium, total	78.3	mg/L	EPA 200.7	06/21/07	DBL	
Chromium, total	<0.01	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Cobalt, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	
Copper, total	0.031	mg/L	EPA 200.8	06/25/07	PML	MCL*=1.3 mg/L
Iron, total	1.00	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[0.3 mg/L]
Lead, total	<0.003	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.015 mg/L
Magnesium, total	22.8	mg/L	EPA 200.7	06/21/07	DBL	
Manganese, total	0.118	mg/L	EPA 200.8	06/26/07	PML	MCL*=[0.05 mg/L]
Nickel, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Potassium, total	1.3	mg/L	EPA 200.7	06/21/07	DBL	
Selenium, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.05 mg/L
Silver, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=[0.1 mg/L]
Sodium, total	11.5	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[20 mg/L]
Thallium, total, low level	<0.002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.002 mg/L
Zinc, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=[5 mg/L]
Fluoride	0.72	mg/L	EPA 300.0A	06/14/07	MTW	MCL*=4 mg/L
Nitrogen, nitrate	<0.1	mg/L	EPA 353.2	06/13/07	MTW	MCL*=10 mg/L
Nitrogen, nitrite	<0.1	mg/L	EPA 353.2	06/13/07	MTW	MCL*=1 mg/L
Silica	15.7	mg/L	SM 4500-Si E	06/20/07	DMC	Result represents molybdate-reactive silica only.
Sulfate	26	mg/L	EPA 300.0A	06/14/07	MTW	MCL*=[250 mg/L]
Regulated/Unregulated VOC's	See below		EPA 524.2	06/20/07	JAR	
Prep, VOA	Completed		EPA 524.2	06/20/07	JAR	
1,1,1,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,1-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=200 ug/L
1,1,2,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,2-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=5 ug/L
1,1-Dichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1-Dichloroethene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=7 ug/L
1,1-Dichloropropene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,4-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=70 ug/L
1,2,4-Trimethylbenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2-Dibromo-3-chloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=0.2 ug/L
1,2-Dichlorobenzene	<0.5	ug/l	EPA 524.2	06/20/07	JAR	MCL*=600 ug/L

*MCL = Maximum Contaminant Level set by USEPA. Values enclosed in brackets ([]) are Secondary MCL's and are non-enforceable guidelines for aesthetic quality.

LABORATORY DETAIL REPORT

Client: *Kalamazoo Water Reclamation Plant*

KAR Project No. : *072424*

Date Reported : *06/29/07*

Project Desc. : *Analysis of 16 drinking water samples.*

Sample ID : *"Station 3/7, 07-166"*

Sampled By :

Sample Date : *6/15/2007*

Sample Time : *1030*

Date Received : *6/15/2007*

Sample Type : *SDWA*

KAR Sample No. : *072424-15*

Test	Result	Units of Measure	Method	Analyzed	Analyst	Comments
Prep, metals	Completed		EPA 30xx,200.x	06/18/07	DBL	
Antimony, total, low level	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.006 mg/L
Arsenic, total, low level	0.003	mg/L	EPA 200.8	06/26/07	PML	MCL*=0.01 mg/L
Beryllium, total, low level	<0.001	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.004 mg/L
Cadmium, total, low level	<0.0002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.005 mg/L
Calcium, total	94.9	mg/L	EPA 200.7	06/21/07	DBL	
Chromium, total	<0.01	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Cobalt, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	
Copper, total	0.032	mg/L	EPA 200.8	06/25/07	PML	MCL*=1.3 mg/L
Iron, total	4.46	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[0.3 mg/L]
Lead, total	0.008	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.015 mg/L
Magnesium, total	31.0	mg/L	EPA 200.7	06/21/07	DBL	
Manganese, total	0.128	mg/L	EPA 200.8	06/26/07	PML	MCL*=[0.05 mg/L]
Nickel, total	0.031	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.1 mg/L
Potassium, total	1.6	mg/L	EPA 200.7	06/21/07	DBL	
Selenium, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.05 mg/L
Silver, total	<0.005	mg/L	EPA 200.8	06/25/07	PML	MCL*=[0.1 mg/L]
Sodium, total	37.8	mg/L	EPA 200.7	06/21/07	DBL	MCL*=[20 mg/L]
Thallium, total, low level	<0.002	mg/L	EPA 200.8	06/25/07	PML	MCL*=0.002 mg/L
Zinc, total	<0.02	mg/L	EPA 200.8	06/25/07	PML	MCL*=[5 mg/L]
Fluoride	0.07	mg/L	EPA 300.0A	06/18/07	MTW	MCL*=4 mg/L
Nitrogen, nitrate	0.7	mg/L	EPA 353.2	06/15/07	MTW	MCL*=10 mg/L
Nitrogen, nitrite	<0.1	mg/L	EPA 353.2	06/15/07	MTW	MCL*=1 mg/L
Silica	13.3	mg/L	SM 4500-Si E	06/20/07	DMC	Result represents molybdate-reactive silica only.
Sulfate	41	mg/L	EPA 300.0A	06/18/07	MTW	MCL*=[250 mg/L]
Regulated/Unregulated VOC's	See below		EPA 524.2	06/20/07	JAR	
Prep, VOA	Completed		EPA 524.2	06/20/07	JAR	
1,1,1,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,1-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=200 ug/L
1,1,2,2-Tetrachloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1,2-Trichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=5 ug/L
1,1-Dichloroethane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,1-Dichloroethene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=7 ug/L
1,1-Dichloropropene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,3-Trichloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2,4-Trichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=70 ug/L
1,2,4-Trimethylbenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	
1,2-Dibromo-3-chloropropane	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=0.2 ug/L
1,2-Dichlorobenzene	<0.5	ug/L	EPA 524.2	06/20/07	JAR	MCL*=600 ug/L

*MCL = Maximum Contaminant Level set by USEPA. Values enclosed in brackets ([]) are Secondary MCL's and are non-enforceable guidelines for aesthetic quality.