EPA Region 5 Records Ctr.
379184

REPORT: PWGWP048
MODULE: PWGWM026

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

DATE: 12/01/92

FACILITY: 1350450 NOKOMIS STATUS: A PUBLIC: Y COMM: Y TYPE WATER: G
TAP: 01 AT WTP STATUS: A
RAW SRCE: STATUS:

SAMPLE NO: D21913800 LOCATION: NOKOMIS/WATER PLANT COLL DATE: 06/23/92 DELIVERED BY: EPA
SMPL TYPE: FIN COLLECTOR: MICHAEL FINN LAB RCVD: 06/24/92 RECEIVED BY: JMC
SMPL PURP: 1-ROUTINE COMMENTS: VOCS LAB COMPL: 07/02/92 LAB SUPERVISOR: JTH
SMPL PROG: Z-VOC WQ OBSRVATNS: 2 VOC SMPL PERIOD: 06/92 FUND CODE: PW32

ANALYSIS ID	RSLT NO	STORET NO	DESCRIPTION	UNITS	RESULT	STANDARDS DRINK WTR	STANDARDS RAW WTR	TRIGGER LEVEL
431WA00	006	32106	CHLOROFORM UG/L GC/MS	UG/L	0.500 <			
431WA00	006	32106	CHLOROFORM UG/L GC/MS	UG/L	0.500 <			
431WA00	007	32101	BROMODICHLOROMETHANE UG/L CG/MS	UG/L	0.500 <			
431WA00	007	32101	BROMODICHLOROMETHANE UG/L CG/MS	UG/L	0.500 <			
431WA00	008	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	008	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	009	32104	BROMOFORM UG/L CG/MS	UG/L	0.500 <			
431WA00	009	32104	BROMOFORM UG/L CG/MS	UG/L	0.500 <			
431WA00	014	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	200.000		
431WA00	014	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	200.000		
431WA00	015	34511	1,1,2-TRICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	015	34511	1,1,2-TRICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	016	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	7.000		
431WA00	016	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	7.000		
431WA00	017	34551	1,2,4-TRICHLOROBENZENE UG/L	UG/L	0.500 <	9.000		
431WA00	017	34551	1,2,4-TRICHLOROBENZENE UG/L	UG/L	0.500 <	9.000		
431WA00	018	34536	1,2 DICHLOROBENZENE UG/L	UG/L	0.500 <	600.000		
431WA00	018	34536	1,2 DICHLOROBENZENE UG/L	UG/L	0.500 <	600.000		
431WA00	019	32103	1,2-DICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	019	32103	1,2-DICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	020	34541	1,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	5.000		
431WA00	020	34541	1,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	5.000		
431WA00	021	34571	PARA-DICHLOROBENZENE UG/L	UG/L	0.500 <	75.000		
431WA00	021	34571	PARA-DICHLOROBENZENE UG/L	UG/L	0.500 <	75.000		
431WA00	022	34030	BENZENE UG/L	UG/L	0.500 <	5.000		
431WA00	022	34030	BENZENE UG/L	UG/L	0.500 <	5.000		
431WA00	023	32102	CARBON TETRACHLORIDE UG/L CG/MS	UG/L	0.500 <	5.000		
431WA00	023	32102	CARBON TETRACHLORIDE UG/L CG/MS	UG/L	0.500 <	5.000		
431WA00	024	34301	CHLOROBENZENE UG/L	UG/L	0.500 <	100.000		
431WA00	024	34301	CHLOROBENZENE UG/L	UG/L	0.500 <	100.000		
431WA00	025	77093	CIS-1,2-DICHLOROETHYLENE UG/L	UG/L	7.200	70.000		
431WA00	025	77093	CIS-1,2-DICHLOROETHYLENE UG/L	UG/L	7.200	70.000		
431WA00	026	34371	ETHYLBENZENE UG/L	UG/L	0.500 <	700.000		
431WA00	026	34371	ETHYLBENZENE UG/L	UG/L	0.500 <	700.000		
431WA00	027	34423	METHYLENE CHLORIDE UG/L	UG/L	0.500 <	5.000		
431WA00	027	34423	METHYLENE CHLORIDE UG/L	UG/L	0.500 <	5.000		
431WA00	028	77128	STYRENE UG/L	UG/L	0.500 <	100.000		
431WA00	028	77128	STYRENE UG/L	UG/L	0.500 <	100.000		
431WA00	029	34475	TETRACHLOROETHYLENE UG/L GC/MS	UG/L	4.600	5.000		
431WA00	029	34475	TETRACHLOROETHYLENE UG/L GC/MS	UG/L	4.600	5.000		

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FACILITY: 1350450 NOKOMIS *** CONTINUED ***

431WA00	030	34010	TOLUENE UG/L	UG/L	0.500 <	1000.000
431WA00	030	34010	TOLUENE UG/L	UG/L	0.500 <	1000.000
431WA00	031	81551	XYLENE UG/L	UG/L	0.500 <	10000.000
431WA00	031	81551	XYLENE UG/L	UG/L	0.500 <	10000.000
431WA00	032	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	100.000
431WA00	032	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	100.000
431WA00	033	39180	TRICHLOROETHYLENE UG/L	UG/L	2.500	5.000
431WA00	033	39180	TRICHLOROETHYLENE UG/L	UG/L	2.500	5.000
431WA00	034	39175	VINYL CHLORIDE UG/L	UG/L	0.500 <	2.000
431WA00	034	39175	VINYL CHLORIDE UG/L	UG/L	0.500 <	2.000
431WA00	037	77562	1,1,1,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <	
431WA00	037	77562	1,1,1,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <	
431WA00	038	34516	1,1,2,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <	
431WA00	038	34516	1,1,2,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <	
431WA00	039	34496	1,1-DICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	
431WA00	039	34496	1,1-DICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	
431WA00	040	77168	1,1-DICHLOROPROPENE UG/L	UG/L	0.500 <	
431WA00	040	77168	1,1-DICHLOROPROPENE UG/L	UG/L	0.500 <	
431WA00	041	77443	1,2,3-TRICHLOROPROPANE UG/L	UG/L	0.500 <	
431WA00	041	77443	1,2,3-TRICHLOROPROPANE UG/L	UG/L	0.500 <	
431WA00	042	34566	M-DICHLOROBENZENE UG/L	UG/L	0.500 <	
431WA00	042	34566	M-DICHLOROBENZENE UG/L	UG/L	0.500 <	
431WA00	043	77173	1,3-DICHLOROPROPANE UG/L	UG/L	0.500 <	
431WA00	043	77173	1,3-DICHLOROPROPANE UG/L	UG/L	0.500 <	
431WA00	044	77170	2,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	
431WA00	044	77170	2,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	
431WA00	045	81555	BROMOBENZENE UG/L	UG/L	0.500 <	
431WA00	045	81555	BROMOBENZENE UG/L	UG/L	0.500 <	
431WA00	046	34413	BROMOMETHANE UG/L	UG/L	0.500 <	
431WA00	046	34413	BROMOMETHANE UG/L	UG/L	0.500 <	
431WA00	047	34311	CHLOROETHANE UG/L	UG/L	0.500 <	
431WA00	047	34311	CHLOROETHANE UG/L	UG/L	0.500 <	
431WA00	048	34418	CHLOROMETHANE UG/L	UG/L	0.500 <	
431WA00	048	34418	CHLOROMETHANE UG/L	UG/L	0.500 <	
431WA00	049	34704	CIS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <	
431WA00	049	34704	CIS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <	
431WA00	050	81522	DIBROMOMETHANE UG/L	UG/L	0.500 <	
431WA00	050	81522	DIBROMOMETHANE UG/L	UG/L	0.500 <	
431WA00	051	77970	TOTAL CHLOROTOLUENES, UG/L	UG/L	0.500 <	
431WA00	051	77970	TOTAL CHLOROTOLUENES, UG/L	UG/L	0.500 <	
431WA00	052	34699	TRANS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <	
431WA00	052	34699	TRANS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <	

SAMPLE NO: D21511100 LOCATION: NOKOMIS/ WATER PLANT TAP COLL DATE: 03/25/92 DELIVERED BY: EPA
SMPL TYPE: FIN COLLECTOR: M FINN LAB RCVD: 03/26/92 RECEIVED BY: CAS
SMPL PURP: 1-ROUTINE COMMENTS: VOCS LAB COMPL: 04/14/92 LAB SUPERVISOR: JTH
SMPL PROG: Z-VOC WQ OBSRVATNS: 2 VOC SMPL PERIOD: 03/92 FUND CODE: PW32

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FACILITY: 1350450 NOKOMIS

*** CONTINUED ***

ANALYSIS ID	RSLT NO	STORET NO	DESCRIPTION	UNITS	RESULT	STANDARDS DRINK WTR	STANDARDS RAW WTR	TRIGGER LEVEL
431WA00	006	32106	CHLOROFORM UG/L GC/MS	UG/L	0.500 <			
431WA00	007	32101	BROMODICHLOROMETHANE UG/L CG/MS	UG/L	0.500			
431WA00	008	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	UG/L	1.000			
431WA00	009	32104	BROMOFORM UG/L CG/MS	UG/L	0.600			
431WA00	014	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	200.000		
431WA00	015	34511	1,1,2-TRICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	016	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	7.000		
431WA00	017	34551	1,2,4-TRICHLOROBENZENE UG/L	UG/L	0.500 <	9.000		
431WA00	018	34536	1,2 DICHLOROBENZENE UG/L	UG/L	0.500 <	600.000		
431WA00	019	32103	1,2-DICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	020	34541	1,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	5.000		
431WA00	021	34571	PARA-DICHLOROBENZENE UG/L	UG/L	0.500 <	75.000		
431WA00	022	34030	BENZENE UG/L	UG/L	0.500 <	5.000		
431WA00	023	32102	CARBON TETRACHLORIDE UG/L CG/MS	UG/L	0.500 <	5.000		
431WA00	024	34301	CHLOROBENZENE UG/L	UG/L	0.500 <	100.000		
431WA00	025	77093	CIS-1,2-DICHLOROETHYLENE UG/L	UG/L	6.700	70.000		
431WA00	026	34371	ETHYLBENZENE UG/L	UG/L	0.500 <	700.000		
431WA00	027	34423	METHYLENE CHLORIDE UG/L	UG/L	0.500 <	5.000		
431WA00	028	77128	STYRENE UG/L	UG/L	0.500 <	100.000		
431WA00	029	34475	TETRACHLOROETHYLENE UG/L GC/MS	UG/L	3.400	5.000		
431WA00	030	34010	TOLUENE UG/L	UG/L	0.500 <	1000.000		
431WA00	031	81551	XYLENE UG/L	UG/L	0.500 <	10000.000		
431WA00	032	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	100.000		
431WA00	033	39180	TRICHLOROETHYLENE UG/L	UG/L	1.600	5.000		
431WA00	034	39175	VINYL CHLORIDE UG/L	UG/L	0.500 <	2.000		
431WA00	037	77562	1,1,1,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	038	34516	1,1,2,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	039	34496	1,1-DICHLOROETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	040	77168	1,1-DICHLOROPROPENE UG/L	UG/L	0.500 <			
431WA00	041	77443	1,2,3-TRICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	042	34566	M-DICHLOROBENZENE UG/L	UG/L	0.500 <			
431WA00	043	77173	1,3-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	044	77170	2,2-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	045	81555	BROMOBENZENE UG/L	UG/L	0.500 <			
431WA00	046	34413	BROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	047	34311	CHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	048	34418	CHLOROMETHANE UG/L	UG/L	0.500 <			
431WA00	049	34704	CIS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			
431WA00	050	81522	DIBROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	051	77970	TOTAL CHLOROTOLUENES, UG/L	UG/L	0.500 <			
431WA00	052	34699	TRANS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			

SAMPLE NO: D21179400 LOCATION: NOKOMIS/WATER PLANT FINISHED TAP COLL DATE: 01/02/92 DELIVERED BY: EPA
SMPL TYPE: FIN COLLECTOR: MICHAEL FINN LAB RCVD: 01/03/92 RECEIVED BY: C G
SMPL PURP: 1-ROUTINE COMMENTS: VOCS LAB COMPL: 01/07/92 LAB SUPERVISOR: JTH
SMPL PROG: Z-VOC WQ OBSRVATNS: 2 VOC SMPL PERIOD: 12/91 FUND CODE: PW32

FORM 1411-1/6GB

FACILITY: 1350450 NOKOMIS

*** CONTINUED ***

ANALYSIS ID	RSLT NO	STORET NO	DESCRIPTION	UNITS	RESULT	STANDARDS DRINK WTR	STANDARDS RAW WTR	TRIGGER LEVEL
431WA00	006	32106	CHLOROFORM UG/L GC/MS	UG/L	0.500 <			
431WA00	007	32101	BROMODICHLOROMETHANE UG/L CG/MS	UG/L	1.300			
431WA00	008	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	UG/L	2.000			
431WA00	009	32104	BROMOFORM UG/L CG/MS	UG/L	0.900			
431WA00	014	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	200.000		
431WA00	015	34511	1,1,2-TRICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	016	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	7.000		
431WA00	017	34551	1,2,4-TRICHLOROBENZENE UG/L	UG/L	0.500 <	9.000		
431WA00	018	34536	1,2 DICHLOROBENZENE UG/L	UG/L	0.500 <	600.000		
431WA00	019	32103	1,2-DICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	020	34541	1,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	5.000		
431WA00	021	34571	PARA-DICHLOROBENZENE UG/L	UG/L	0.500 <	75.000		
431WA00	022	34030	BENZENE UG/L	UG/L	0.500 <	5.000		
431WA00	023	32102	CARBON TETRACHLORIDE UG/L CG/MS	UG/L	0.500 <	5.000		
431WA00	024	34301	CHLOROBENZENE UG/L	UG/L	0.500 <	100.000		
431WA00	025	77093	CIS-1,2-DICHLOROETHYLENE UG/L	UG/L	2.100	70.000		
431WA00	026	34371	ETHYLBENZENE UG/L	UG/L	0.500 <	700.000		
431WA00	027	34423	METHYLENE CHLORIDE UG/L	UG/L	0.500	5.000		
431WA00	028	77128	STYRENE UG/L	UG/L	0.500 <	100.000		
431WA00	029	34475	TETRACHLOROETHYLENE UG/L GC/MS	UG/L	2.300	5.000		
431WA00	030	34010	TOLUENE UG/L	UG/L	0.500 <	1000.000		
431WA00	031	81551	XYLENE UG/L	UG/L	0.500 <	10000.000		
431WA00	032	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	100.000		
431WA00	033	39180	TRICHLOROETHYLENE UG/L	UG/L	1.100	5.000		
431WA00	034	39175	VINYL CHLORIDE UG/L	UG/L	0.500 <	2.000		
431WA00	037	77562	1,1,1,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	038	34516	1,1,2,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	039	34496	1,1-DICHLOROETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	040	77168	1,1-DICHLOROPROPENE UG/L	UG/L	0.500 <			
431WA00	041	77443	1,2,3-TRICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	042	34566	M-DICHLOROBENZENE UG/L	UG/L	0.500 <			
431WA00	043	77173	1,3-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	044	77170	2,2-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	045	81555	BROMOBENZENE UG/L	UG/L	0.500 <			
431WA00	046	34413	BROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	047	34311	CHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	048	34418	CHLOROMETHANE UG/L	UG/L	0.500 <			
431WA00	049	34704	CIS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			
431WA00	050	81522	DIBROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	051	77970	TOTAL CHLOROTOLUENES, UG/L	UG/L	0.500 <			
431WA00	052	34699	TRANS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			

SAMPLE NO: D19797800 LOCATION: NOKOMIS/WATER PLANT COLL DATE: 10/02/91 DELIVERED BY: EPA
SMPL TYPE: FIN COLLECTOR: MICHAEL S FINN LAB RCVD: 10/03/91 RECEIVED BY: CAS
SMPL PURP: 1-ROUTINE COMMENTS: VOCS LAB COMPL: 10/23/91 LAB SUPERVISOR: JTH
SMPL PROG: Z-VOC WQ OBSRVATNS: 2 VOC SMPL PERIOD: 09/91 FUND CODE: PW32

FORM 1411-1/6GB

FACILITY: 1350450 NOKOMIS

*** CONTINUED ***

ANALYSIS ID	RSLT NO	STORET NO	DESCRIPTION	UNITS	RESULT	STANDARDS DRINK WTR	STANDARDS RAW WTR	TRIGGER LEVEL
431WA00	006	32106	CHLOROFORM UG/L GC/MS	UG/L	0.900			
431WA00	007	32101	BROMODICHLOROMETHANE UG/L CG/MS	UG/L	0.700			
431WA00	008	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	009	32104	BROMOFORM UG/L CG/MS	UG/L	0.500 <			
431WA00	014	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	200.000		
431WA00	015	34511	1,1,2-TRICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	016	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	7.000		
431WA00	017	34551	1,2,4-TRICHLOROBENZENE UG/L	UG/L	0.500 <	9.000		
431WA00	018	34536	1,2 DICHLOROBENZENE UG/L	UG/L	0.500 <	600.000		
431WA00	019	32103	1,2-DICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	020	34541	1,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	5.000		
431WA00	021	34571	PARA-DICHLOROBENZENE UG/L	UG/L	0.500 <	75.000		
431WA00	022	34030	BENZENE UG/L	UG/L	0.500 <	5.000		
431WA00	023	32102	CARBON TETRACHLORIDE UG/L CG/MS	UG/L	0.500 <	5.000		
431WA00	024	34301	CHLOROBENZENE UG/L	UG/L	0.500 <	100.000		
431WA00	025	77093	CIS-1,2-DICHLOROETHYLENE UG/L	UG/L	5.700	70.000		
431WA00	026	34371	ETHYLBENZENE UG/L	UG/L	0.500 <	700.000		
431WA00	027	34423	METHYLENE CHLORIDE UG/L	UG/L	0.500 <	5.000		
431WA00	028	77128	STYRENE UG/L	UG/L	0.500 <	100.000		
431WA00	029	34475	TETRACHLOROETHYLENE UG/L GC/MS	UG/L	1.100	5.000		
431WA00	030	34010	TOLUENE UG/L	UG/L	0.500 <	1000.000		
431WA00	031	81551	XYLENE UG/L	UG/L	0.500 <	10000.000		
431WA00	032	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	100.000		
431WA00	033	39180	TRICHLOROETHYLENE UG/L	UG/L	0.700	5.000		
431WA00	034	39175	VINYL CHLORIDE UG/L	UG/L	0.500 <	2.000		
431WA00	037	77562	1,1,1,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	038	34516	1,1,2,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	039	34496	1,1-DICHLOROETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	040	77168	1,1-DICHLOROPROPENE UG/L	UG/L	0.500 <			
431WA00	041	77443	1,2,3-TRICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	042	34566	M-DICHLOROBENZENE UG/L	UG/L	0.500 <			
431WA00	043	77173	1,3-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	044	77170	2,2-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	045	81555	BROMOBENZENE UG/L	UG/L	0.500 <			
431WA00	046	34413	BROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	047	34311	CHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	048	34418	CHLOROMETHANE UG/L	UG/L	0.500 <			
431WA00	049	34704	CIS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			
431WA00	050	81522	DIBROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	051	77970	TOTAL CHLOROTOLUENES, UG/L	UG/L	0.500 <			
431WA00	052	34699	TRANS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			

SAMPLE NO: D19389200 LOCATION: NOKOMIS/WTP COLL DATE: 06/19/91 DELIVERED BY: EPA
SMPL TYPE: FIN COLLECTOR: MICHAEL FINN LAB RCVD: 06/20/91 RECEIVED BY: MSM
SMPL PURP: 1-ROUTINE COMMENTS: VOCS LAB COMPL: 07/12/91 LAB SUPERVISOR: RTN
SMPL PROG: Z-VOC WQ OBSRVATNS: 2 VOC SMPL PERIOD: 06/91 FUND CODE: PW32

FORM 1411-1/6GB

FACILITY: 1350450 NOKOMIS

*** CONTINUED ***

ANALYSIS ID	RSLT NO	STORET NO	DESCRIPTION	UNITS	RESULT	STANDARDS DRINK WTR	STANDARDS RAW WTR	TRIGGER LEVEL
431WA00	006	32106	CHLOROFORM UG/L GC/MS	UG/L	0.500 <			
431WA00	007	32101	BROMODICHLOROMETHANE UG/L CG/MS	UG/L	0.500 <			
431WA00	008	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	009	32104	BROMOFORM UG/L CG/MS	UG/L	0.500 <			
431WA00	014	34030	BENZENE UG/L	UG/L	0.500 <	5.000		
431WA00	015	32102	CARBON TETRACHLORIDE UG/L CG/MS	UG/L	0.500 <	5.000		
431WA00	016	34571	PARA-DICHLOROBENZENE UG/L	UG/L	0.500 <	75.000		
431WA00	017	32103	1,2-DICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	018	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	7.000		
431WA00	019	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	200.000		
431WA00	020	39180	TRICHLOROETHYLENE UG/L	UG/L	0.700	5.000		
431WA00	021	39175	VINYL CHLORIDE UG/L	UG/L	0.500 <	2.000		
431WA00	024	81555	BROMOBENZENE UG/L	UG/L	0.500 <			
431WA00	025	34413	BROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	026	34301	CHLOROBENZENE UG/L	UG/L	0.500 <	100.000		
431WA00	027	34311	CHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	028	34418	CHLOROMETHANE UG/L	UG/L	0.500 <			
431WA00	029	77970	TOTAL CHLOROTOLUENES, UG/L	UG/L	0.500 <			
431WA00	030	81522	DIBROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	031	34566	M-DICHLOROBENZENE UG/L	UG/L	0.500 <			
431WA00	032	34536	1,2 DICHLOROBENZENE UG/L	UG/L	0.500 <	600.000		
431WA00	033	34496	1,1-DICHLOROETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	034	77093	CIS-1,2-DICHLOROETHYLENE UG/L	UG/L	0.500 <	70.000		
431WA00	035	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	100.000		
431WA00	036	34423	METHYLENE CHLORIDE UG/L	UG/L	0.500 <	5.000		
431WA00	037	34541	1,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	5.000		
431WA00	038	77170	2,2-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	039	77173	1,3-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	040	77168	1,1-DICHLOROPROPENE UG/L	UG/L	0.500 <			
431WA00	041	34699	TRANS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			
431WA00	042	34704	CIS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			
431WA00	043	34371	ETHYLBENZENE UG/L	UG/L	0.500 <	700.000		
431WA00	044	77128	STYRENE UG/L	UG/L	0.500 <	100.000		
431WA00	045	77562	1,1,1,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	046	34516	1,1,2,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	047	34475	TETRACHLOROETHYLENE UG/L GC/MS	UG/L	1.700	5.000		
431WA00	048	34010	TOLUENE UG/L	UG/L	0.500 <	1000.000		
431WA00	049	34511	1,1,2-TRICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	050	77443	1,2,3-TRICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	051	81551	XYLENE UG/L	UG/L	0.500 <	10000.000		

SAMPLE NO: D19134600 LOCATION: NOKOMIS/WTP FINISHED WTR COLL DATE: 04/09/91 DELIVERED BY: EPA
SMPL TYPE: FIN COLLECTOR: MICHAEL FINN LAB RCVD: 04/10/91 RECEIVED BY: H E
SMPL PURP: 1-ROUTINE COMMENTS: VOCS LAB COMPL: 04/12/91 LAB SUPERVISOR: JTH
SMPL PROG: Z-VOC WQ OBSRVATNS: 2 VOC SMPL PERIOD: 04/91 FUND CODE: PW32

FORM 1411-1/6GB

FACILITY: 1350450 NOKOMIS

*** CONTINUED ***

ANALYSIS ID	RSLT NO	STORET NO	DESCRIPTION	UNITS	RESULT	STANDARDS DRINK WTR	STANDARDS RAW WTR	TRIGGER LEVEL
431WA00	006	32106	CHLOROFORM UG/L GC/MS	UG/L	0.500 <			
431WA00	007	32101	BROMODICHLOROMETHANE UG/L CG/MS	UG/L	0.500 <			
431WA00	008	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	009	32104	BROMOFORM UG/L CG/MS	UG/L	0.500 <			
431WA00	014	34030	BENZENE UG/L	UG/L	0.500 <	5.000		
431WA00	015	32102	CARBON TETRACHLORIDE UG/L CG/MS	UG/L	0.500 <	5.000		
431WA00	016	34571	PARA-DICHLOROBENZENE UG/L	UG/L	0.500 <	75.000		
431WA00	017	32103	1,2-DICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	018	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	7.000		
431WA00	019	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	200.000		
431WA00	020	39180	TRICHLOROETHYLENE UG/L	UG/L	0.700	5.000		
431WA00	021	39175	VINYL CHLORIDE UG/L	UG/L	0.500 <	2.000		
431WA00	024	81555	BROMOBENZENE UG/L	UG/L	0.500 <			
431WA00	025	34413	BROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	026	34301	CHLOROBENZENE UG/L	UG/L	0.500 <	100.000		
431WA00	027	34311	CHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	028	34418	CHLOROMETHANE UG/L	UG/L	0.500 <			
431WA00	029	77970	TOTAL CHLOROTOLUENES, UG/L	UG/L	0.500 <			
431WA00	030	81522	DIBROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	031	34566	M-DICHLOROBENZENE UG/L	UG/L	0.500 <			
431WA00	032	34536	1,2 DICHLOROBENZENE UG/L	UG/L	0.500 <	600.000		
431WA00	033	34496	1,1-DICHLOROETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	034	77093	CIS-1,2-DICHLOROETHYLENE UG/L	UG/L	4.900	70.000		
431WA00	035	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	100.000		
431WA00	036	34423	METHYLENE CHLORIDE UG/L	UG/L	0.500 <	5.000		
431WA00	037	34541	1,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	5.000		
431WA00	038	77170	2,2-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	039	77173	1,3-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	040	77168	1,1-DICHLOROPROPENE UG/L	UG/L	0.500 <			
431WA00	041	34699	TRANS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			
431WA00	042	34704	CIS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			
431WA00	043	34371	ETHYLBENZENE UG/L	UG/L	0.500 <	700.000		
431WA00	044	77128	STYRENE UG/L	UG/L	0.500 <	100.000		
431WA00	045	77562	1,1,1,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	046	34516	1,1,2,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	047	34475	TETRACHLOROETHYLENE UG/L GC/MS	UG/L	1.400	5.000		
431WA00	048	34010	TOLUENE UG/L	UG/L	0.500 <	1000.000		
431WA00	049	34511	1,1,2-TRICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	050	77443	1,2,3-TRICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	051	81551	XYLENE UG/L	UG/L	0.500 <	10000.000		

SAMPLE NO: D08776000 LOCATION: NOKOMIS/WATER PLANT/FINISHED WTR TAP COLL DATE: 12/06/90 DELIVERED BY: EPA
SMPL TYPE: FIN COLLECTOR: MICHAEL FINN LAB RCVD: 12/10/90 RECEIVED BY: H E
SMPL PURP: 1-ROUTINE COMMENTS: VOCS LAB COMPL: 12/12/90 LAB SUPERVISOR: JTH
SMPL PROG: Z-VOC WQ OBSRVATNS: 2 VOC SMPL PERIOD: 12/90 FUND CODE: PW32

FORM 1411-1/6GB

FACILITY: 1350450 NOKOMIS

*** CONTINUED ***

ANALYSIS ID	RSLT NO	STORET NO	DESCRIPTION	UNITS	RESULT	STANDARDS DRINK WTR	STANDARDS RAW WTR	TRIGGER LEVEL
431WA00	006	32106	CHLOROFORM UG/L GC/MS	UG/L	0.500 <			
431WA00	007	32101	BROMODICHLOROMETHANE UG/L CG/MS	UG/L	0.500 <			
431WA00	008	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	009	32104	BROMOFORM UG/L CG/MS	UG/L	0.500 <			
431WA00	014	34030	BENZENE UG/L	UG/L	0.500 <	5.000		
431WA00	015	32102	CARBON TETRACHLORIDE UG/L CG/MS	UG/L	0.500 <	5.000		
431WA00	016	34571	PARA-DICHLOROBENZENE UG/L	UG/L	0.500 <	75.000		
431WA00	017	32103	1,2-DICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	018	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	7.000		
431WA00	019	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	200.000		
431WA00	020	39180	TRICHLOROETHYLENE UG/L	UG/L	0.900	5.000		
431WA00	021	39175	VINYL CHLORIDE UG/L	UG/L	0.500 <	2.000		
431WA00	024	81555	BROMOBENZENE UG/L	UG/L	0.500 <			
431WA00	025	34413	BROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	026	34301	CHLOROBENZENE UG/L	UG/L	0.500 <	100.000		
431WA00	027	34311	CHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	028	34418	CHLOROMETHANE UG/L	UG/L	0.500 <			
431WA00	029	77970	TOTAL CHLOROTOLUENES, UG/L	UG/L	0.500 <			
431WA00	030	81522	DIBROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	031	34566	M-DICHLOROBENZENE UG/L	UG/L	0.500 <			
431WA00	032	34536	1,2 DICHLOROBENZENE UG/L	UG/L	0.500 <	600.000		
431WA00	033	34496	1,1-DICHLOROETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	034	77093	CIS-1,2-DICHLOROETHYLENE UG/L	UG/L	5.400	70.000		
431WA00	035	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	100.000		
431WA00	036	34423	METHYLENE CHLORIDE UG/L	UG/L	0.500 <	5.000		
431WA00	037	34541	1,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	5.000		
431WA00	038	77170	2,2-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	039	77173	1,3-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	040	77168	1,1-DICHLOROPROPENE UG/L	UG/L	0.500 <			
431WA00	041	34699	TRANS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			
431WA00	042	34704	CIS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			
431WA00	043	34371	ETHYLBENZENE UG/L	UG/L	0.500 <	700.000		
431WA00	044	77128	STYRENE UG/L	UG/L	0.500 <	100.000		
431WA00	045	77562	1,1,1,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	046	34516	1,1,2,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	047	34475	TETRACHLOROETHYLENE UG/L GC/MS	UG/L	0.500	5.000		
431WA00	048	34010	TOLUENE UG/L	UG/L	0.500 <	1000.000		
431WA00	049	34511	1,1,2-TRICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	050	77443	1,2,3-TRICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	051	81551	XYLENE UG/L	UG/L	0.500 <	10000.000		

SAMPLE NO: D08446800 LOCATION: NOKOMIS/WATER PLANT FINISHED WTR TAP COLL DATE: 08/30/90 DELIVERED BY: UPS
SMPL TYPE: FIN COLLECTOR: MICHAEL FINN LAB RCVD: 08/31/90 RECEIVED BY: MSM
SMPL PURP: 1-ROUTINE COMMENTS: VOCS LAB COMPL: 09/13/90 LAB SUPERVISOR: JTH
SMPL PROG: Z-VOC WQ OBSRVATNS: 2 VOC SMPL PERIOD: 08/90 FUND CODE: PW32

FORM 1411-1/6GB

FACILITY: 1350450 NOKOMIS

*** CONTINUED ***

ANALYSIS ID	RSLT NO	STORET NO	DESCRIPTION	UNITS	RESULT	STANDARDS DRINK WTR	STANDARDS RAW WTR	TRIGGER LEVEL
431WA00	006	32106	CHLOROFORM UG/L GC/MS	UG/L	0.500 <			
431WA00	007	32101	BROMODICHLOROMETHANE UG/L CG/MS	UG/L	0.500 <			
431WA00	008	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	009	32104	BROMOFORM UG/L CG/MS	UG/L	0.500 <			
431WA00	014	34030	BENZENE UG/L	UG/L	0.500 <	5.000		
431WA00	015	32102	CARBON TETRACHLORIDE UG/L CG/MS	UG/L	0.500 <	5.000		
431WA00	016	34571	PARA-DICHLOROBENZENE UG/L	UG/L	0.500 <	75.000		
431WA00	017	32103	1,2-DICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	018	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	7.000		
431WA00	019	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	200.000		
431WA00	020	39180	TRICHLOROETHYLENE UG/L	UG/L	1.800	5.000		
431WA00	021	39175	VINYL CHLORIDE UG/L	UG/L	0.500 <	2.000		
431WA00	024	81555	BROMOBENZENE UG/L	UG/L	0.500 <			
431WA00	025	34413	BROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	026	34301	CHLOROBENZENE UG/L	UG/L	0.500 <	100.000		
431WA00	027	34311	CHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	028	34418	CHLOROMETHANE UG/L	UG/L	0.500 <			
431WA00	029	77970	TOTAL CHLOROTOLUENES, UG/L	UG/L	0.500 <			
431WA00	030	81522	DIBROMOMETHANE UG/L	UG/L	0.500 <			
431WA00	031	34566	M-DICHLOROBENZENE UG/L	UG/L	0.500 <			
431WA00	032	34536	1,2 DICHLOROBENZENE UG/L	UG/L	0.500 <	600.000		
431WA00	033	34496	1,1-DICHLOROETHANE UG/L GC/MS	UG/L	0.500 <			
431WA00	034	77093	CIS-1,2-DICHLOROETHYLENE UG/L	UG/L	4.800	70.000		
431WA00	035	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	100.000		
431WA00	036	34423	METHYLENE CHLORIDE UG/L	UG/L	0.500 <	5.000		
431WA00	037	34541	1,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	5.000		
431WA00	038	77170	2,2-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	039	77173	1,3-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	040	77168	1,1-DICHLOROPROPENE UG/L	UG/L	0.500 <			
431WA00	041	34699	TRANS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			
431WA00	042	34704	CIS-1,3-DICHLOROPROPOLENE UG/L	UG/L	0.500 <			
431WA00	043	34371	ETHYLBENZENE UG/L	UG/L	0.500 <	700.000		
431WA00	044	77128	STYRENE UG/L	UG/L	0.500 <	100.000		
431WA00	045	77562	1,1,1,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	046	34516	1,1,2,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WA00	047	34475	TETRACHLOROETHYLENE UG/L GC/MS	UG/L	0.700	5.000		
431WA00	048	34010	TOLUENE UG/L	UG/L	0.500 <	1000.000		
431WA00	049	34511	1,1,2-TRICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WA00	050	77443	1,2,3-TRICHLOROPROPANE UG/L	UG/L	0.500 <			
431WA00	051	81551	XYLENE UG/L	UG/L	0.500 <	10000.000		

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

TO: Alan Altur USEPA DATE: 12-3-92

FROM THE DESK OF: Tim Murphy IEPA

RE: Nokomis PWS

- ☐ FOR YOUR APPROVAL
- ☐ TAKE NECESSARY ACTION
- ☐ APPROVED
- ☐ REPLY REQUESTED
- ☐ FOR YOUR COMMENTS
- ☒ FOR YOUR INFORMATION
- ☐ PER YOUR REQUEST
- ☐ SEE ME ABOUT ATTACHED
- ☐ PLEASE RETURN
- ☐ PLEASE CALL ME

COMMENTS:

Enclosed is more analytical data from the Nokomis Public Water Supply.

RECEIVED
DEC 7 - 1992
SITE ASSESSMENT SECTION