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WS040-Form

OMB#2080-0021
(Exp. 10/2000)

WATER SUPPLY LABORATORY PERFORMANCE EVALUATION STUDY
U.S. ENVIRONMENTAL PROTECTION AGENCY
STUDY NO. WS040

Pre-Printed Label Goes Here

SEND COMPLETED ORIGINAL TO:

Ms Natalie Murff
USEPA, NERL, EERD, NWQAPB
26 West M.L. King Drive, Room 525
Cincinnati, OH 45268

- **MS MURFF MUST RECEIVE YOUR COMPLETED FORM BY 2/9/98 FOR IT TO BE GUARANTEED OFFICIAL EVALUATION.**
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REPORT APPROVED BY:

NAME (Print)	TITLE	TELEPHONE

SIGNATURE	DATE

This report is authorized by law (Public Laws 93-523 and 99-339). Successful annual participation in a water supply study or its equivalent is mandatory for every analyte or analyte group for which a drinking water laboratory is certified to conduct official analyses.

Paperwork Reduction Act Notice

Public reporting burden for this collection of information is estimated to average 7.87 hours per respondent. The estimate is based on analysis for an average of thirty-three analytes per respondent. The estimate includes time for reading instructions, preparation of the performance samples, analyses, gathering and reporting of the information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Director, OPPE Regulatory Information Division, U.S. Environmental Protection Agency (2137), 401 M. Street, SW, Washington, DC 20460. Include the OMB control number (2080-0021) in any correspondence.

CHEMISTRY DATA

Study Number					EPA Lab I.D.							Results							
W	S	0	4	0															
Analyte Name					Analyte Number			Sample #				MC		<\/>	Quantity				
TRACE METALS																			
Antimony					1	4	0	1											μg/L
Arsenic					0	0	1	1											μg/L
Barium					0	0	2	1											μg/L
Beryllium					1	4	1	1											μg/L
Boron					2	2	6	2											μg/L
Cadmium					0	0	3	1											μg/L
Chromium					0	0	4	1											μg/L
Copper					0	9	1	1											μg/L
Lead					0	0	5	1											μg/L
Manganese					2	3	6	2											μg/L
Mercury					0	0	6	1											μg/L
Molybdenum					2	3	7	2											μg/L
Nickel					1	4	2	1											μg/L
Selenium					0	0	7	1											μg/L
Thallium					1	4	3	1											μg/L
Zinc					2	3	9	2											μg/L
NITRATE & NITRITE & FLUORIDE & ORTHOPHOSPHATE																			
Nitrate as N					0	0	9	1											mg/L
Nitrite as N					0	9	2	1											mg/L
Fluoride					0	1	0	1											mg/L
Orthophosphate as P					2	6	1	1											mg/L

CHEMISTRY DATA

Study Number					EPA Lab I.D.							Results						
W	S	0	4	0														
Analyte Name					Analyte Number			Sample #		MC		</>	Quantity					
PESTICIDES																		
Alachlor					0	9	3	4										µg/L
Aldrin					2	5	6	1										µg/L
Atrazine					0	9	4	4										µg/L
Total Chlordane					0	9	7	3										µg/L
Dieldrin					2	5	8	1										µg/L
Endrin					0	1	1	1										µg/L
Heptachlor					0	9	5	1										µg/L
Heptachlor Epoxide					0	9	6	1										µg/L
Hexachlorobenzene					1	7	2	1										µg/L
Hexachlorocyclopentadiene					1	1	2	1										µg/L
Lindane					0	1	2	1										µg/L
Methoxychlor					0	1	3	1										µg/L
Propachlor					2	5	9	1										µg/L
Simazine					1	1	3	4										µg/L
Toxaphene					0	1	4	2										µg/L
Trifluralin					2	4	4	1										µg/L
CARBAMATES & VYDATE																		
Aldicarb					0	9	8	1										µg/L
Aldicarb Sulfone					0	9	9	1										µg/L
Aldicarb Sulfoxide					1	0	0	1										µg/L
Carbofuran					1	0	1	1										µg/L
Methomyl					2	4	5	1										µg/L
Oxamyl (Vydate)					1	1	4	1										µg/L

CHEMISTRY DATA

Study Number					EPA Lab I.D.							Results						
W	S	0	4	0														
Analyte Name					Analyte Name			Sample #		MC		<\/>	Quantity					
HERBICIDES																		
2,4-D					0	1	5	1										µg/L
2,4,5-TP (Silvex)					0	1	6	1										µg/L
Acifluorfen					2	6	2	1										µg/L
Dalapon					1	1	5	1										µg/L
Dicamba					2	4	7	1										µg/L
Dinoseb					1	1	6	1										µg/L
Pentachlorophenol					1	0	2	1										µg/L
Picloram					1	1	7	1										µg/L
PCB's																		
Decachlorobiphenyl					1	1	8	1										µg/L
PAH																		
Benzo (A) Pyrene					1	2	2	1										µg/L
ADIPATE & PHTHALATE																		
Di (2-Ethylhexyl) Adipate					1	3	4	1										µg/L
Di (2-Ethylhexyl) Phthalate					1	3	6	1										µg/L
MISCELLANEOUS SOC's																		
Diquat					1	3	7	1										µg/L
Endothall					1	3	8	1										µg/L
Glyphosate					1	3	9	1										µg/L
AS TRIHALOMETHANES																		
Bromodichloromethane					0	1	9	1										µg/L
Bromoform					0	1	8	1										µg/L
Chlorodibromomethane					0	2	0	1										µg/L
Chloroform					0	1	7	1										µg/L
Total Trihalomethanes					0	2	1	1										µg/L

CHEMISTRY DATA

Study Number					EPA Lab I.D.							Results					
W	S	0	4	0													

Analyte Name	Analyte Number	Sample #	MC	</>	Quantity	
AS REGULATED VOC's						
Benzene	039	1				µg/L
Carbon Tetrachloride	037	1				µg/L
Chlorobenzene	049	1				µg/L
1,2-Dibromo-3-Chloropropane (DBCP) By Method 504	045	3				µg/L
1,2-Dichlorobenzene	054	1				µg/L
1,4-Dichlorobenzene	041	1				µg/L
1,2-Dichloroethane	035	1				µg/L
1,1-Dichloroethylene	034	1				µg/L
Cis-1,2-Dichloroethylene	043	1				µg/L
Trans-1,2-Dichloroethylene	042	1				µg/L
Dichloromethane	055	1				µg/L
1,2-Dichloropropane	044	1				µg/L
Ethylbenzene	048	1				µg/L
Ethylene Dibromide (EDB) By Method 504	046	3				µg/L
Styrene	053	1				µg/L
Tetrachloroethylene	040	1				µg/L
Toluene	047	1				µg/L
1,1,1-Trichloroethane	036	1				µg/L
1,1,2-Trichloroethane	061	1				µg/L
Trichloroethylene	038	1				µg/L
1,2,4-Trichlorobenzene	076	1				µg/L
Vinyl Chloride	032	1				µg/L
Total Xylenes	090	1				µg/L

CHEMISTRY DATA

Study Number					EPA Lab I.D.							Results						
W	S	0	4	0														

Analyte Name	Analyte Number	Sample #	MC	</>	Quantity	
AS UNREGULATED VOC's						
Bromobenzene	0 6 7	2				µg/L
Bromochloromethane	0 8 9	2				µg/L
Bromodichloromethane	1 0 8	2				µg/L
Bromoform	0 6 2	2				µg/L
Bromomethane	0 6 9	2				µg/L
n-Butylbenzene	0 7 9	2				µg/L
Sec-Butylbenzene	0 8 6	2				µg/L
Tert-Butylbenzene	0 8 5	2				µg/L
Chlorodibromomethane	1 0 9	2				µg/L
Chloroethane	0 7 0	2				µg/L
Chloroform	1 1 0	2				µg/L
Chloromethane	0 6 8	2				µg/L
2-Chlorotoluene	0 7 1	2				µg/L
4-Chlorotoluene	0 7 2	2				µg/L
Dibromomethane	0 5 7	2				µg/L
1,3-Dichlorobenzene	0 6 6	2				µg/L
Dichlorodifluoromethane	0 8 8	2				µg/L
1,1-Dichloroethane	0 5 6	2				µg/L
1,3-Dichloropropane	0 5 9	2				µg/L
2,2-Dichloropropane	0 6 0	2				µg/L
1,1-Dichloropropene	0 5 8	2				µg/L
Cis-1,3-Dichloropropene	1 5 2	2				µg/L
Trans-1,3-Dichloropropene	1 5 3	2				µg/L
Fluorotrichloromethane	0 8 7	2				µg/L
Hexachlorobutadiene	0 8 1	2				µg/L
Isopropylbenzene	0 8 4	2				µg/L

CHEMISTRY

Study Number	EPA Lab I.D.	Results
W S 0 4 0		

Analyte Name	Analyte Number	Sample #	MC	</>	Quantity	
AS UNREGULATED VOC's						
4-Isopropyltoluene	0 8 3	2				µg/L
n-Propylbenzene	0 7 8	2				µg/L
1,1,1,2-Tetrachloroethane	0 6 3	2				µg/L
1,1,2,2-Tetrachloroethane	0 6 5	2				µg/L
1,2,3-Trichlorobenzene	0 7 7	2				µg/L
1,2,4-Trimethylbenzene	0 7 5	2				µg/L
1,2,3-Trichloropropane	0 6 4	2				µg/L
1,3,5-Trimethylbenzene	0 8 2	2				µg/L
ORGANIC DISINFECTION BY-PRODUCTS						
Bromochloroacetic Acid	2 5 0	1				µg/L
Chloral Hydrate	1 6 5	2				µg/L
Dibromoacetic Acid	1 5 7	1				µg/L
Dichloroacetic Acid	1 5 8	1				µg/L
Monobromoacetic Acid	1 6 0	1				µg/L
Monochloroacetic Acid	1 6 1	1				µg/L
Trichloroacetic Acid	1 6 2	1				µg/L
INORGANIC DISINFECTION BY-PRODUCTS						
Bromate	1 9 3	2				µg/L
Bromide	2 6 0	2				µg/L
Chlorate	1 9 4	1				µg/L
Chlorite	1 9 5	1				µg/L

CHEMISTRY DATA

Study Number					EPA Lab I.D.							Results						
W	S	0	4	0														

Analyte Name	Analyte Number			Sample #	MC		</>	Quantity					
MISCELLANEOUS													
Residual Free Chlorine	0	2	2	1									mg/L
Turbidity	0	2	3	1									NTU
Low-Level Turbidity (by bench-top, portable, or IR instrument)	2	6	4	2									NTU
				3									
Low-Level Turbidity (by on-line instrument)	2	6	5	2									NTU
Total Filterable Residue (at 180° C)	0	2	4	1									mg/L
Calcium Hardness (as Calcium Carbonate)	0	2	5	1									mg/L
pH	0	2	6	1									Units
Alkalinity (as Calcium Carbonate)	0	2	7	1									mg/L
Sodium	0	2	9	1									mg/L
Sulfate	1	4	5	1									mg/L
TOC	2	6	3	1									mg/L
Total Cyanide	1	4	6	1									mg/L
Dioxin	2	5	2	1									pg/L
Asbestos	2	5	3	1									MFL

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