DATA REPORTING SHEET

Site: A.L. Taylor
Break: 2.2
Other:

Metals

PROJECT Louisville, KY CHEMIST W. H. McDaniel REC'D 3/9/79 COMPL'D 3/21/79

SAD No. Valley of the Drums	79C 0529	79C 0533	79C 0534	79C 0537
SOURCE & STATION	07-Wilson Creek, Downstream FR Valley upstream aerator.	09-Settling Basin	03-Station furthest downstream from Valley FR	02-Tributary to Wilson Creek, Control Station
DATE/TIME	3/8/79 @1240	3/8/79 @ 1310	3/8/79 @ 1110	3/8/79 @ 1130
ELEMENT (UG/G)				
Silver	<1	<1	<1	<1
Arsenic	-	-	36	36
Boron	-	-	-	-
Barium	65	68	87	92
Beryllium	2	1.0	2.2	2
Cadmium	4	3.5	11	8
Cobalt	28	-	-	-
Chromium	33	33	40	43
Copper	26	37	38	37
Molybdenum	-	-	-	-
Nickel	99	43	100	85
Lead	22	56	56	57
Antimony	-	-	-	-
Selenium	-	-	-	-
Tin	<5	<5	<5	<5
Strontium	19	14	19	19
Tellurium	29	31	78	68
Titanium	15	7.5	52	21
Thallium	<10	<10	<10	<10
Vanadium	62	55	111	118
Yttrium	10	7	16	12
Zinc	105	137	323	232
Zirconium	<1	<1	<1	<1
ELEMENT (UG/G)				
Silica	-	-	-	-
Calcium	1300	480	2000	3500
Magnesium	5800	4900	3100	5300
Aluminum	22400	19900	15400	19900
Iron	60900	47700	155400	123800
Manganese	1200	330	2100	2600
Sodium	140	100	100	110

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U.S. EPA REGION IV

SDMS

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** PLEASE CONTACT THE APPROPRIATE RECORDS CENTER TO VIEW THE MATERIAL**

V. 2-040506

Project Valley of the Drums Chemist Charles Hooper Rec'd. 3/9/79 Compl'd. 3/23/79

Volatile Organic Analysis

SAD No.	Analysis Blank 3/			
Source & Stn.	3-16-79 (79C0530-0531)			
Date/Time				
COMPOUND (UG/L)				
Vinyl Chloride	ND			
Methylene Chloride	5.0			
1,1-dichloroethylene	ND			
Trans-1,2-dichloroethylene	ND			
Chloroform	ND			
1,1,1-trichloroethane	T<5			
Carbon Tetrachloride	ND			
Bromodichloromethane	ND			
Trichloroethylene	T<5			
Benzene	T<5			
Dibromochloromethane	ND			
Bromoform	ND			
Tetrachloroethene	T<5			
Tetrachloroethane	T<5			
Toluene	T<5			
Chlorobenzene	ND			
Ethyl Benzene	ND			
Acetone 1/	T<50			
Isopropanol 1/2/	ND			
Trichlorotrifluoroethane 1/2/	14			
Methyl Ethyl Ketone 1/	T<50			
2-butanol 1/2/	ND			
Hexane 1/2/	ND			
Methyl Isobutyl Ketone 1/	T<50			
2-hexanol 1/2/	ND			
Methyl Butyl Ketone 1/2/	ND			
Iso-octane 1/2/	ND			
Trichlorofluoromethane	ND			
Pentane 1/2/	ND			
1,1-dichloroethane	ND			
Dimethyl Disulfide 1/2/	ND			
2-methyl-1-propanol 1/2/	ND			
Methyl-propyl-ketone 1/2/	ND			

ND - None detected.
T - Trace
1/ - Estimated concentration.
2/ - Tentative identification based on published spectra.
3/ - Detection of the reported volatile organic compounds in the analysis blanks is indicative o laboratory contamination. Values of compounds reported in the blanks should be compared wi samples, and this data used with discretion.

DATA REPORTING SHEET

PROJECT Valley of the Drums CHEMIST W. H. McDaniel REC'D 3-9-79 COMPL'D 3-21-79

SAD No.	79C0539			
SOURCE & STATION	04-Downstream FR Valley between Aerators			
DATE/TIME	3-8-79 @ 1205			
ELEMENT (UG/G)				
Silver	<1			
Arsenic	<13			
Boron	--			
Barium	92			
Beryllium	1			
Cadmium	2			
Cobalt	--			
Chromium	23			
Copper	17			
Molybdenum	--			
Nickel	48			
Lead	21			
Antimony	<13			
Selenium	<20			
Tin	<50			
Strontium	21			
Tellurium	21			
Titanium	55			
Thallium	<10			
Vanadium	48			
Yttrium	9.0			
Zinc	114			
Zirconium	.5			
ELEMENT (UG/G)				
Silica	--			
Calcium	1500			
Magnesium	5600			
Aluminum	21300			
Iron	32000			
Manganese	540			
Sodium	140			