ANALYSIS REQUEST REPORT VALIDATED DATA

FOR ACTIVITY: DSX72

S P F D 09/12/91 17:30:19 ALL REAL SAMPLES AND FIELD Q.C.

* FINAL REPORT

FY: 91 ACTIVITY: DSX72 DESCRIPTION: CEDAR FALLS FMGP LOCATION: CEDAR FALLS IOWA

STATUS: ACTIVE TYPE: SAMPLING - CONTRACT LAB ANALYSIS PROJECT: A34

LABO DUE DATE IS 9/14/91. REPORT DUE DATE IS 10/13/91.

INSPECTION DATE: 7/30/91 ALL SAMPLES RECEIVED DATE: 07/31/91

ALL DATA APPROVED BY LABO DATE: 09/12/91 FINAL REPORT TRANSMITTED DATE: 09/12/91

EXPECTED LABO TURNAROUND TIME IS 45 DAYS EXPECTED REPORT TURNAROUND TIME IS 75 DAYS

ACTUAL LABO TURNAROUND TIME IS 43 DAYS ACTUAL REPORT TURNAROUND TIME IS 44 DAYS

SAMP. NO.	QCC	M	DESCRIPTION	SAMPLE STATUS	# CONT.	CITY	STATE	AIRS/ STORET LOC NO	BEG. DATE	BEG. TIME	END. DATE	END. TIME
001		S	CEDAR FALLS FMGP-LOCATION 1S	1	1	CEDAR FALLS	IOWA		07/30/91	09:30	/ /	:
002		S	CEDAR FALLS FMGP-LOCATION 1SS	1	1	CEDAR FALLS	IOWA		07/29/91	09:50	/ /	:
003		S	CEDAR FALLS FMGP-LOCATION 3S	1	1	CEDAR FALLS	IOWA		07/30/91	11:25	/ /	:
004		S	CEDAR FALLS FMGP-LOCATION 3SS	1	1	CEDAR FALLS	IOWA		07/30/91	11:40	/ /	:
005		S	CEDAR FALLS FMGP-LOCATION 4S	1	1	CEDAR FALLS	IOWA		07/30/91	12:35	/ /	:
006		S	CEDAR FALLS FMGP-LOCATION 4SS	1	1	CEDAR FALLS	IOWA		07/30/91	12:55	/ /	:
007		S	CEDAR FALLS FMGP-LOCATION 2S	1	1	CEDAR FALLS	IOWA		07/30/91	15:15	/ /	:
008		S	CEDAR FALLS FMGP-LOCATION 2SS	1	1	CEDAR FALLS	IOWA		07/30/91	15:20	/ /	:
008	D	S	CEDAR FALLS FMGP-LOCATION 2SS	1	5	CEDAR FALLS	IOWA		07/30/91	15:20	/ /	:
010	F	S	CEDAR FALLS FMGP-TRIP BLANK	1	1	CEDAR FALLS	IOWA		07/30/91	:	/ /	:
101		S	CEDAR FALLS FMGP-BACKGROUND LOCATION	1	5	CEDAR FALLS	IOWA		07/30/91	16:10	/ /	:
103		W	CEDAR FALLS FMGP-ONSITE WELL #3	1	1	CEDAR FALLS	IOWA		07/30/91	10:45	/ /	:
104		W	CEDAR FALLS FMGP- MUN. WELL #2	1	5	CEDAR FALLS	IOWA		07/30/91	11:30	/ /	:
105	F	W	CEDAR FALLS FMGP-TRIP BLANK	1	1	CEDAR FALLS	IOWA		07/30/91	:	/ /	:
106	F	W	CEDAR FALLS FMGP-RINSATE BLANK	1	5	CEDAR FALLS	IOWA		07/30/91	15:45	/ /	:

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Superfund

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SAMP. NO. = SAMPLE IDENTIFICATION NUMBER
QCC = QUALITY CONTROL SAMPLE/AUDIT CODE
M = MEDIA OF SAMPLE (A=AIR, T=TISSUE, H=HAZARDOUS MATERIAL, S=SEDIMENT/SOIL, W=WATER)
AIRS/STORET LOC. NO. = A SAMPLING SITE LOCATION IDENTIFICATION NUMBER
BEG. DATE = THE DATE SAMPLING WAS STARTED
BEG. TIME = THE TIME SAMPLING WAS STARTED
END. DATE = THE DATE SAMPLING WAS ENDED
END. TIME = THE TIME SAMPLING WAS STOPPED
A = RESERVED
B = RESERVED
PES = PESTICIDES BY CONTRACT
= DIOXINS/FURANS BY EPA
E = EXPLOSIVES BY CONTRACT
FLD = FIELD MEASUREMENTS BY EPA
G = MINERALS & DISSOLVED MATERIALS BY EPA
HER = HERBICIDES BY EPA
I = ION CHROMATOGRAPHY ANALYSES BY EPA
MC = METALS BY CONTRACT
BNC = BASE NEUTRALS BY CONTRACT
L = FISH PHYSICAL DATA BY EPA
MET = METALS BY EPA
N = FISH TISSUE PARAMETERS BY EPA
VC = VOLATILES BY CONTRACT
P = PESTICIDES BY EPA
Q = FLASH POINT ANALYSES BY EPA
R = RESERVED
BN = SEMIVOLATILE BY EPA
T = CYANIDE PHENOL BY EPA
U = RESERVED
VOA = VOLATILE ORGANICS BY EPA
HC = HERBICIDES BY CONTRACT
X = RESERVED
Y = RESERVED
TRK = ACTIVITY TRACKING PARAMETERS BY EPA

STORET DETECTION IDENTIFIERS
BLANK = NO REMARKS
J = DATA REPORTED BUT NOT VALID BY APPROVED QC PROCEDURES
I = INVALID SAMPLE/DATA - VALUE NOT REPORTED
U = LESS THAN (MEASUREMENT DETECTION LIMIT)
M = DETECTED BUT BELOW THE LEVEL FOR ACCURATE QUANTIFICATION
O = PARAMETER NOT ANALYZED

CONTRACTOR/ IN HOUSE / FIELD	MEDIA GROUPS
FIELD = * * * =	AF,HF,SF,TF,WF,ZZ
CONTRACTOR = * =	HA,HC,HJ,HK,HO,SC,SJ,SK,SO,SW,TC,TJ, TK,TO,TW,WA,WC,WE,WJ,WK,WO,WW
IN HOUSE = * =	ALL OTHERS

QUALITY CONTROL AUDIT CODES
A = TRUE VALUE FOR CALIBRATION STANDARD
B = CONCENTRATION RESULTING FROM DUPLICATE LAB SPIKE
C = MEASURED VALUE FOR CALIBRATION STANDARD
D = MEASURED VALUE FOR FIELD DUPLICATE
F = MEASURED VALUE FOR FIELD BLANK
G = MEASURED VALUE FOR METHOD STANDARD
H = TRUE VALUE FOR METHOD STANDARD
K = CONCENTRATION RESULTING FROM DUPLICATE FIELD SPIKE
L = MEASURED VALUE FOR LAB DUPLICATE
M = MEASURED VALUE FOR LAB BLANK
N = MEASURED VALUE FOR DUPLICATE FIELD SPIKE
P = MEASURED VALUE FOR PERFORMANCE STANDARD
R = CONCENTRATION RESULTING FROM LAB SPIKE
S = MEASURED VALUE FOR LAB SPIKE
T = TRUE VALUE OF PERFORMANCE STANDARD
W = MEASURED VALUE FOR DUPLICATE LAB SPIKE
Y = MEASURED VALUE FOR FIELD SPIKE
Z = CONCENTRATION RESULTING FROM FIELD SPIKE

MEDIA CODES
A = AIR
T = BIOLOGICAL (PLANT & ANIMAL) TISSUE
H = HAZARDOUS MATERIALS/MAN MADE PRODUCTS
S = SEDIMENT, SLUDGE & SOIL
W = WATER

UNITS
NA = NOT APPLICABLE
PG = PICOGRAMS (1 X 10-12 GRAMS)
NG = NANOGRAMS (1 X 10-9 GRAMS)
UG = MICROGRAMS (1 X 10-6 GRAMS)
MG = MILLIGRAMS (1 X 10-3 GRAMS)
M3 = METER CUBED
MPH = MILES PER HOUR
SCM = STANDARD (1 ATM, 25 C) CUBIC METER
KG = KILOGRAM
L = LITER
C = CENTIGRADE DEGREES
SU = STANDARD (PH) UNITS
# = NUMBER
LB = POUNDS
IN = INCHES
M/F = MALE/FEMALE
M2 = SQUARE METER
I.D. = SPECIES IDENTIFICATION
GPM = GALLONS PER MINUTE
CFS = CUBIC FEET PER SECOND
MGD = MILLION GALLONS PER DAY
1000G= FLOW, 1000 GALLONS PER COMPOSITE
UMHOS= CONDUCTIVITY UNITS (1/OHMS)
NTU = TURBIDITY UNITS
PC/L = PICO (1 X 10-12) CURRIES PER LITER
MV = MILLIVOLT
SQ FT= SQUARE FEET
P/CM2= PICOGRAMS PER SQ. CENTIMETER
U/CM2= MICROGRAMS PER SQ. CENTIMETER

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
SM01 SILVER BY ICAP	MG/KG	2.1	U	2.5	U	2.3	U	2.3	U	2.5	U
SM02 ALUMINUM, TOTAL, BY ICAP	MG/KG	3000		8300		4300		7000		6900	
SM03 ARSENIC, TOTAL, BY ICAP	MG/KG	2.1	U	2.5	U	2.3	U	3.0	J	10	
SM04 BARIUM, TOTAL, BY ICAP	MG/KG	42	U	84		47		83		100	
SM05 BERYLLIUM, TOTAL, BY ICAP	MG/KG	1.0	U	1.2	U	1.1	U	1.1	U	1.2	U
SM06 CADMIUM, TOTAL, BY ICAP	MG/KG	1.0	U	1.2	U	1.1	U	1.1	U	1.2	U
SM07 COBALT, TOTAL, BY ICAP	MG/KG	10	U	12	U	11	U	11	U	12	U
SM08 CHROMIUM, TOTAL, BY ICAP	MG/KG	6.7		15		10		12		11	
SM09 COPPER, TOTAL, BY ICAP	MG/KG	5.2	U	6.3		7.9		7.0		9.8	
SM10 IRON BY ICAP	MG/KG	8100		14000		9500		14000		28000	
SM11 MANGANESE BY ICAP	MG/KG	170	J	490	J	200	J	280	J	51	J
SM12 MOLYBDENUM BY ICAP	MG/KG	NA	O	NA	O	NA	O	NA	O	NA	O
SM13 NICKEL BY ICAP	MG/KG	8.4	U	13		9.7		12		9.9	U
SM14 LEAD BY ICAP	MG/KG	2.6		9.0		21		12		69	
SM15 ANTIMONY, TOTAL, BY ICAP	MG/KG	13	U	15	U	14	U	14	U	15	U
SM16 SELENIUM BY ICAP	MG/KG	1.0	U	1.2	U	1.1	U	1.1	U	1.4	
SM17 TITANIUM BY ICAP	MG/KG	NA	O	NA	O	NA	O	NA	O	NA	O
SM18 THALLIUM BY ICAP	MG/KG	2.1	U	2.5	U	2.3	U	2.3	U	2.5	U
SM19 VANADIUM BY ICAP	MG/KG	10	U	22		12		18		25	
SM20 ZINC BY ICAP	MG/KG	14	J	28	J	33	J	44	J	33	J
SM21 CALCIUM, TOTAL, BY ICAP	MG/KG	2100	J	4500	J	8700	J	14000	J	5500	J
SM22 MAGNESIUM BY ICAP	MG/KG	1000	U	1800		3000		4100		1300	
SM23 SODIUM BY ICAP	MG/KG	1000	U	1200	U	1100	U	1100	U	1200	U
SM24 POTASSIUM BY ICAP	MG/KG	1000	U	1200	U	1100	U	1100	U	1200	U
SM34 MERCURY BY COLD VAPOR AA	MG/KG	0.10	U	0.12	U	0.11	U	0.11	U	0.12	U
SS01 PHENOL	UG/KG	690	U	730	U	1400	U	760	U	770	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
SS02 CARBAZOLE	UG/KG	NA	O	NA	O	NA	O	NA	O	NA	O
SS03 ETHER, BIS(2-CHLOROETHYL), BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS04 2-CHLOROPHENOL	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS05 1,3-DICHLOROBENZENE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS06 1,4-DICHLOROBENZENE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS07 BENZYL ALCOHOL	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS08 1,2-DICHLOROBENZENE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS09 2-METHYLPHENOL (O-CRESOL)	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS10 WTHER, BIS(2-CHLOROISOPROPYL), BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS11 4-METHYLPHENOL (P-CRESOL)	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS12 N-NITROSO-DIPROPYLAMINE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS13 HEXACHLOROETHANE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS14 NITROBENZENE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS15 ISOPHORONE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS16 2-NITROPHENOL	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS17 2,4-DIMETHYLPHENOL	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS18 BENZOIC ACID, BY GC/MS	UG/KG	3300	U	3600	U	7000	U	3700	U	3700	U
SS19 METHANE, BIS(2-CHLOROETHYOXY), BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS20 2,4-DICHLOROPHENOL	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS21 1,2,4-TRICHLOROBENZENE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS22 NAPHTHALENE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS23 4-CHLOROANILINE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS24 HEXACHLOROBUTADIENE,BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS25 4-CHLORO-3-METHYLPHENOL	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS26 2-METHYLNAPHTHALENE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS27 HEXACHLOROCYCLOPENTADIENE,BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
SS28 2,4,6-TRICHLOROPHENOL	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS29 2,4,5-TRICHLOROPHENOL	UG/KG	3300	U	3600	U	7000	U	3700	U	3700	U
SS30 2-CHLORONAPHTHALENE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS31 2-NITROANILINE	UG/KG	3300	U	3600	U	7000	U	3700	U	3700	U
SS32 PHTHALATE, DIMETHYL, BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS33 ACENAPHTHYLENE, BY GC/MS	UG/KG	690	U	730	U	4900		1400		770	U
SS34 3-NITROANILINE	UG/KG	3300	U	3600	U	7000	U	3700	U	3700	U
SS35 ACENAPHTHENE, BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS36 2,4-DINITROPHENOL	UG/KG	3300	U	3600	U	7000	U	3700	U	3700	U
SS37 4-NITROPHENOL	UG/KG	3300	U	3600	U	7000	U	3700	U	3700	U
SS38 DIBENZOFURAN	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS39 2,4-DINITROTOLUENE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS40 2,6-DINITROTOLUENE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS41 PHTHALATE, DIETHYL, BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS42 4-CHLOROPHENYL PHENYL ETHER	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS43 FLUORENE,GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS44 4-NITROANILINE	UG/KG	3300	U	3600	U	7000	U	3700	U	3700	U
SS45 4,6-DINITRO-2-METHYLPHENOL	UG/KG	3300	U	3600	U	7000	U	3700	U	3700	U
SS46 N-NITROSODIPHENYLAMINE	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS47 4-BROMOPHENYL PHENYL ETHER	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS48 HEXACHLOROBENZENE,BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS49 PENTACHLOROPHENOL	UG/KG	3300	U	3600	U	7000	U	3700	U	3700	U
SS50 PHENANTHRENE	UG/KG	690	U	730	U	2000		760	U	770	U
SS51 ANTHRACENE, BY GC/MS	UG/KG	690	U	730	U	1800		760	U	770	U
SS52 PHTHALATE, DI-N-BUTYL-, BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS53 FLUORANTHENE,BY GC/MS	UG/KG	690	U	730	U	12000		3500		770	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
SS54 PYRENE	UG/KG	690	U	730	U	10000		5600		770	U
ST09 CYANIDE, TOTAL	MG/KG	5.2	U	6.2	U	5.7	U	5.7	U	6.2	U
SV03 CHLOROMETHANE, BY GC/MS	UG/KG	10	U	11	U	11	U	11	U	11	U
SV04 BROMOMETHANE, BY GC/MS	UG/KG	10	U	11	U	11	U	11	U	11	U
SV05 VINYL CHLORIDE	UG/KG	10	U	11	U	11	U	11	U	11	U
SV06 CHLOROETHANE, BY GC/MS	UG/KG	10	U	11	U	11	U	11	U	11	U
SV07 METHYLENE CHLORIDE	UG/KG	14		5.3	U	15		15		5.6	U
SV08 1,1-DICHLOROETHYLENE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV09 1,1-DICHLOROETHANE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV10 TRANS-1,2-DICHLOROETHYLENE	UG/KG	NA	O	NA	O	NA	O	NA	O	NA	O
SV11 CHLOROFORM, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV12 1,2-DICHLOROETHANE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV13 1,1,1-TRICHLOROETHANE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	12	
SV14 CARBON TETRACHLORIDE BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
SV15 BROMODICHLOROMETHANE, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV16 1,2-DICHLOROPROPANE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV17 BENZENE, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV18 TRANS-1,3-DICHLOROPROPENE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV19 TRICHLOROETHYLENE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV20 DICHLOROPROPENE, CIS-1,3-, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV21 DIBROMOCHLOROMETHANE, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV22 1,1,2-TRICHLOROETHANE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV24 BROMOFORM, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV25 1,1,2,2 TETRACHLOROETHENE	UG/KG	12		5.3	U	5.3	U	5.7	U	15	
SV26 TOLUENE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U

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ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
SS54 PYRENE	UG/KG	690	U	730	U	10000		5600		770	U
SS55 PHTHALATE, BUTYL BENZYL	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS56 3,3'-DICHLOROBENZIDINE	UG/KG	1400	U	1500	U	2900	U	1500	U	1500	U
SS57 ANTRACENE, BENZO(A), BY GC/MS	UG/KG	690	U	730	U	14000		3800		770	U
SS58 PHTHALATE, BIS(2-ETHYLHEXYL), BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS59 CHRYSENE, BY GC/MS	UG/KG	690	U	730	U	11000		3300		770	U
SS60 PHTHALATE, DI-N-OCTYL-, BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS61 FLUORANTHENE, BENZO(B), BY GC/MS	UG/KG	690	U	730	U	21000		5900		770	U
SS62 FLUORANTHENE, BENZO(K), BY GC/MS	UG/KG	690	U	730	U	1400	U	760	U	770	U
SS63 PYRENE, BENZO(A), BY GC/MS	UG/KG	690	U	730	U	9200		3800		770	U
SS64 INDENO(1,2,3-CD)PYRENE	UG/KG	690	U	730	U	4800		1400		770	U
SS65 ANTHRACENE, DIBENZO(A,H), BY GC/MS	UG/KG	690	U	730	U	1500		760	U	770	U
SS66 PERYLENE, BENZO(G,H,I), BY GC/MS	UG/KG	690	U	730	U	4800		1200		770	U
ST09 CYANIDE, TOTAL	MG/KG	5.2	U	6.2	U	5.7	U	5.7	U	6.2	U
SV03 CHLOROMETHANE, BY GC/MS	UG/KG	10	U	11	U	11	U	11	U	11	U
SV04 BROMOMETHANE, BY GC/MS	UG/KG	10	U	11	U	11	U	11	U	11	U
SV05 VINYL CHLORIDE	UG/KG	10	U	11	U	11	U	11	U	11	U
SV06 CHLOROETHANE, BY GC/MS	UG/KG	10	U	11	U	11	U	11	U	11	U
SV07 METHYLENE CHLORIDE	UG/KG	14		5.3	U	15		15		5.6	U
SV08 1,1-DICHLOROETHYLENE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV09 1,1-DICHLOROETHANE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV10 TRANS-1,2-DICHLOROETHYLENE	UG/KG	NA	O	NA	O	NA	O	NA	O	NA	O
SV11 CHLOROFORM, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV12 1,2-DICHLOROETHANE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV13 1,1,1-TRICHLOROETHANE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	12	
SV14 CARBON TETRACHLORIDE, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
SV15 BROMODICHLOROMETHANE, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV16 1,2-DICHLOROPROPANE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV17 BENZENE, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV18 TRANS-1,3-DICHLOROPROPENE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV19 TRICHLOROETHYLENE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV20 DICHLOROPROPENE, CIS-1,3-, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV21 DIBROMOCHLOROMETHANE, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV22 1,1,2-TRICHLOROETHANE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV24 BROMOFORM, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV25 1,1,2,2-TETRACHLOROETHENE	UG/KG	12		5.3	U	5.3	U	5.7	U	15	
SV26 TOLUENE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV27 1,1,2,2-TETRACHLOROETHANE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV28 CHLOROBENZENE, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV29 ETHYL BENZENE,BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV30 ACETONE, BY GC/MS	UG/KG	49	J	12	U	11	U	11	U	11	U
SV31 CARBON DISULFIDE, BY GC/MS	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV32 2-BUTANONE	UG/KG	10	U	11	U	11	U	11	U	11	U
SV33 VINYL ACETATE	UG/KG	10	U	11	U	11	U	11	U	11	U
SV34 2-HEXANONE	UG/KG	10	U	11	U	11	U	11	U	11	U
SV35 4-METHYL-2-PENTANONE	UG/KG	10	U	11	U	11	U	11	U	11	U
SV36 STYRENE	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
SV37 XYLENES, TOTAL	UG/KG	5.2	U	5.3	U	5.3	U	5.7	U	5.6	U
ZZ01 SAMPLE NUMBER	NA	001		002		003		004		005	
ZZ02 ACTIVITY CODE	NA	DSX72		DSX72		DSX72		DSX72		DSX72	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	006		007		008		008D		010F
SM01 SILVER BY ICAP	MG/KG	2.6	U	2.3	U	2.7	U	2.6	U	
SM02 ALUMINUM, TOTAL, BY ICAP	MG/KG	12000		10000		15000		14000		
SM03 ARSENIC, TOTAL, BY ICAP	MG/KG	5.7		4.8	J	4.2		4.9		
SM04 BARIUM, TOTAL, BY ICAP	MG/KG	190		110		170		220		
SM05 BERYLLIUM, TOTAL, BY ICAP	MG/KG	1.3	U	1.2	U	1.4	U	1.3	U	
SM06 CADMIUM, TOTAL, BY ICAP	MG/KG	1.3	U	1.2	U	1.4	U	1.3	U	
SM07 COBALT, TOTAL, BY ICAP	MG/KG	13	U	12	U	14	U	13	U	
SM08 CHROMIUM, TOTAL, BY ICAP	MG/KG	18		14		20		18		
SM09 COPPER, TOTAL, BY ICAP	MG/KG	19		7.8		12	U	11		
SM10 IRON BY ICAP	MG/KG	41000		14000		20000		21000		
SM11 MANGANESE BY ICAP	MG/KG	95	J	680	J	1200	J	1400	J	
SM12 MOLYBDENUM BY ICAP	MG/KG	NA	O	NA	O	NA	O	NA	O	
SM13 NICKEL BY ICAP	MG/KG	11		13		18		17		
SM14 LEAD BY ICAP	MG/KG	29		13		13		18		
SM15 ANTIMONY, TOTAL, BY ICAP	MG/KG	16	U	14	U	16	U	15	U	
SM16 SELENIUM BY ICAP	MG/KG	1.3	U	1.2	U	1.4	U	1.3	U	
SM17 TITANIUM BY ICAP	MG/KG	NA	O	NA	O	NA	O	NA	O	
SM18 THALLIUM BY ICAP	MG/KG	2.6	U	2.3	U	2.7	U	2.6	U	
SM19 VANADIUM BY ICAP	MG/KG	30		24		34		33		
SM20 ZINC BY ICAP	MG/KG	52	J	40	J	56	J	64	J	
SM21 CALCIUM, TOTAL, BY ICAP	MG/KG	6200	J	3900	J	5700	J	7000	J	
SM22 MAGNESIUM BY ICAP	MG/KG	1800		1700		2800		2900		
SM23 SODIUM BY ICAP	MG/KG	1300	U	1200	U	1400	U	1300	U	
SM24 POTASSIUM BY ICAP	MG/KG	1500	U	1200	U	1400	U	1300	U	
SM34 MERCURY BY COLD VAPOR AA	MG/KG	0.13	U	0.12	U	0.14	U	0.13	U	
SS01 PHENOL	UG/KG	870	U	760	U	800	U	810	U	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	006		007		008		008D		010F
SS02 CARBAZOLE	UG/KG	NA	O	NA	O	NA	O	NA	O	
SS03 ETHER, BIS(2-CHLOROETHYL), BY GC/MS	UG/KG	870	U	760	U	800	U	810	U	
SS04 2-CHLOROPHENOL	UG/KG	870	U	760	U	800	U	810	U	
SS05 1,3-DICHLOROBENZENE	UG/KG	870	U	760	U	800	U	810	U	
SS06 1,4-DICHLOROBENZENE	UG/KG	870	U	760	U	800	U	810	U	
SS07 BENZYL ALCOHOL	UG/KG	870	U	760	U	800	U	810	U	
SS08 1,2-DICHLOROBENZENE	UG/KG	870	U	760	U	800	U	810	U	
SS09 2-METHYLPHENOL (O-CRESOL)	UG/KG	870	U	760	U	800	U	810	U	
SS10 WTHER, BIS(2-CHLOROISOPROPYL), BY GC/MS	UG/KG	870	U	760	U	800	U	810	U	
SS11 4-METHYLPHENOL (P-CRESOL)	UG/KG	870	U	760	U	800	U	810	U	
SS12 N-NITROSO-DIPROPYLAMINE	UG/KG	870	U	760	U	800	U	810	U	
SS13 HEXACHLOROETHANE	UG/KG	870	U	760	U	800	U	810	U	
SS14 NITROBENZENE	UG/KG	870	U	760	U	800	U	810	U	
SS15 ISOPHORONE	UG/KG	870	U	760	U	800	U	810	U	
SS16 2-NITROPHENOL	UG/KG	870	U	760	U	800	U	810	U	
SS17 2,4-DIMETHYLPHENOL	UG/KG	870	U	760	U	800	U	810	U	
SS18 BENZOIC ACID, BY GC/MS	UG/KG	4200	U	3700	U	3900	U	4000	U	
SS19 METHANE, BIS(2-CHLOROETHYOXY), BY GC/MS	UG/KG	870	U	760	U	800	U	810	U	
SS20 2,4-DICHLOROPHENOL	UG/KG	870	U	760	U	800	U	810	U	
SS21 1,2,4-TRICHLOROBENZENE	UG/KG	870	U	760	U	800	U	810	U	
SS22 NAPHTHALENE	UG/KG	870	U	760	U	800	U	810	U	
SS23 4-CHLOROANILINE	UG/KG	870	U	760	U	800	U	810	U	
SS24 HEXACHLOROBUTADIENE,BY GC/MS	UG/KG	870	U	760	U	800	U	810	U	
SS25 4-CHLORO-3-METHYLPHENOL	UG/KG	870	U	760	U	800	U	810	U	
SS26 2-METHYLNAPHTHALENE	UG/KG	870	U	760	U	800	U	810	U	
SS27 HEXACHLOROCYCLOPENTADIENE,BY GC/MS	UG/KG	870	U	760	U	800	U	810	U	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	006		007		008		008D		010F
SS28 2,4,6-TRICHLOROPHENOL	UG/KG	870	U	760	U	800	U	810	U	
SS29 2,4,5-TRICHLOROPHENOL	UG/KG	4200	U	3700	U	3900	U	4000	U	
SS30 2-CHLORONAPHTHALENE	UG/KG	870	U	760	U	800	U	810	U	
SS31 2-NITROANILINE	UG/KG	4200	U	3700	U	3900	U	4000	U	
SS32 PHTHALATE, DIMETHYL, BY GC/MS	UG/KG	870	U	760	U	800	U	810	U	
SS33 ACENAPHTHYLENE, BY GC/MS	UG/KG	870	U	760	U	800	U	810	U	
SS34 3-NITROANILINE	UG/KG	4200	U	3700	U	3900	U	4000	U	
SS35 ACENAPHTHENE, BY GC/MS	UG/KG	870	U	760	U	800	U	810	U	
SS36 2,4-DINITROPHENOL	UG/KG	4200	U	3700	U	3900	U	4000	U	
SS37 4-NITROPHENOL	UG/KG	4200	U	3700	U	3900	U	4000	U	
SS38 DIBENZOFURAN	UG/KG	870	U	760	U	800	U	810	U	
SS39 2,4-DINITROTOLUENE	UG/KG	870	U	760	U	800	U	810	U	
SS40 2,6-DINITROTOLUENE	UG/KG	870	U	760	U	800	U	810	U	
SS41 PHTHALATE, DIETHYL, BY GC/MS	UG/KG	870	U	760	U	800	U	810	U	
SS42 4-CHLOROPHENYL PHENYL ETHER	UG/KG	870	U	760	U	800	U	810	U	
SS43 FLUORENE,GC/MS	UG/KG	870	U	760		1400		810	U	
SS44 4-NITROANILINE	UG/KG	4200	U	3700	U	3900	U	4000	U	
SS45 4,6-DINITRO-2-METHYLPHENOL	UG/KG	4200	U	3700	U	3900	U	4000	U	
SS46 N-NITROSODIPHENYLAMINE	UG/KG	870	U	760	U	800	U	810	U	
SS47 4-BROMOPHENYL PHENYL ETHER	UG/KG	870	U	760	U	800	U	810	U	
SS48 HEXACHLOROBENZENE,BY GC/MS	UG/KG	870	U	760	U	800	U	810	U	
SS49 PENTACHLOROPHENOL	UG/KG	4200	U	3700	U	3900	U	4000	U	
SS50 PHENANTHRENE	UG/KG	1600		3400		5800		2100		
SS51 ANTHRACENE, BY GC/MS	UG/KG	870	U	760	U	890		810	U	
SS52 PHTHALATE, DI-N-BUTYL-, BY GC/MS	UG/KG	870	U	760	U	800	U	810	U	
SS53 FLUORANTHENE,BY GC/MS	UG/KG	1700		3400		4000		1200		

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	006		007		008		008D		010F	
SS54 PYRENE	UG/KG	2600		1600		3700		1400			
SS55 PHTHALATE, BUTYL BENZYL	UG/KG	870	U	760	U	800	U	810	U		
SS56 3,3'-DICHLOROBENZIDINE	UG/KG	1700	U	1500	U	1600	U	1600	U		
SS57 ANTRACENE, BENZO(A), BY GC/MS	UG/KG	1500		2500		1900		810	U		
SS58 PHTHALATE, BIS(2-ETHYLHEXYL), BY GC/MS	UG/KG	870	U	760	U	800	U	810	U		
SS59 CHRYSENE, BY GC/MS	UG/KG	870	U	760	U	800	U	820			
SS60 PHTHALATE, DI-N-OCTYL-, BY GC/MS	UG/KG	870	U	760	U	800	U	810	U		
SS61 FLUORANTHENE, BENZO(B), BY GC/MS	UG/KG	1100	J	1000	J	1200	J	810	U		
SS62 FLUORANTHENE, BENZO(K), BY GC/MS	UG/KG	870	U	760	U	800	U	810	U		
SS63 PYRENE, BENZO(A), BY GC/MS	UG/KG	1100		760	U	800	U	810	U		
SS64 INDENO(1,2,3-CD)PYRENE	UG/KG	870	U	760	U	800	U	810	U		
SS65 ANTHRACENE, DIBENZO(A,H), BY GC/MS	UG/KG	870	U	760	U	800	U	810	U		
SS66 PERYLENE, BENZO(G,H,I), BY GC/MS	UG/KG	870	U	760	U	800	U	810	U		
ST09 CYANIDE, TOTAL	MG/KG	6.5	U	5.8	U	6.8	U	6.4	U		
SV03 CHLOROMETHANE, BY GC/MS	UG/KG	12	U	11	U	12	U	12	U	25	U
SV04 BROMOMETHANE, BY GC/MS	UG/KG	12	U	11	U	12	U	12	U	25	U
SV05 VINYL CHLORIDE	UG/KG	12	U	11	U	12	U	12	U	25	U
SV06 CHLOROETHANE, BY GC/MS	UG/KG	12	U	11	U	12	U	12	U	25	U
SV07 METHYLENE CHLORIDE	UG/KG	14		5.6	U	6.1		7.0	J	17	
SV08 1,1-DICHLOROETHYLENE	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV09 1,1-DICHLOROETHANE	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV10 TRANS-1,2-DICHLOROETHYLENE	UG/KG	NA	O	NA	O	NA	O	NA	O	NA	O
SV11 CHLOROFORM, BY GC/MS	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV12 1,2-DICHLOROETHANE	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV13 1,1,1-TRICHLOROETHANE	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV14 CARBON TETRACHLORIDE, BY GC/MS	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	006		007		008		008D		010F	
SV15 BROMODICHLOROMETHANE, BY GC/MS	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV16 1,2-DICHLOROPROPANE	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV17 BENZENE, BY GC/MS	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV18 TRANS-1,3-DICHLOROPROPENE	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV19 TRICHLOROETHYLENE	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV20 DICHLOROPROPENE, CIS-1,3-, BY GC/MS	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV21 DIBROMOCHLOROMETHANE, BY GC/MS	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV22 1,1,2-TRICHLOROETHANE	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV24 BROMOFORM, BY GC/MS	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV25 1,1,2,2-TETRACHLOROETHENE	UG/KG	13		22		20		21	J	13	U
SV26 TOLUENE	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	14	
SV27 1,1,2,2-TETRACHLOROETHANE	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	220	
SV28 CHLOROBENZENE, BY GC/MS	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV29 ETHYL BENZENE,BY GC/MS	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV30 ACETONE, BY GC/MS	UG/KG	12	U	11	U	12	U	12	J	30	
SV31 CARBON DISULFIDE, BY GC/MS	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV32 2-BUTANONE	UG/KG	12	U	11	U	12	U	12	U	140	J
SV33 VINYL ACETATE	UG/KG	12	U	11	U	12	U	12	U	25	U
SV34 2-HEXANONE	UG/KG	12	U	11	U	12	U	12	U	25	U
SV35 4-METHYL-2-PENTANONE	UG/KG	12	U	11	U	12	U	12	U	25	U
SV36 STYRENE	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
SV37 XYLENES, TOTAL	UG/KG	6.0	U	5.6	U	6.0	U	6.0	U	13	U
ZZ01 SAMPLE NUMBER	NA	006		007		008		008		010	
ZZ02 ACTIVITY CODE	NA	DSX72		DSX72		DSX72		DSX72		DSX72	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	101		103	104	105F	106F
SM01 SILVER BY ICAP	MG/KG	2.2	U				
SM02 ALUMINUM, TOTAL, BY ICAP	MG/KG	5300					
SM03 ARSENIC, TOTAL, BY ICAP	MG/KG	2.3					
SM04 BARIUM, TOTAL, BY ICAP	MG/KG	48					
SM05 BERYLLIUM, TOTAL, BY ICAP	MG/KG	1.1	U				
SM06 CADMIUM, TOTAL, BY ICAP	MG/KG	1.1	U				
SM07 COBALT, TOTAL, BY ICAP	MG/KG	11	U				
SM08 CHROMIUM, TOTAL, BY ICAP	MG/KG	9.2					
SM09 COPPER, TOTAL, BY ICAP	MG/KG	5.6					
SM10 IRON BY ICAP	MG/KG	9300					
SM11 MANGANESE BY ICAP	MG/KG	300	J				
SM12 MOLYBDENUM BY ICAP	MG/KG	NA	O				
SM13 NICKEL BY ICAP	MG/KG	9.1					
SM14 LEAD BY ICAP	MG/KG	12					
SM15 ANTIMONY, TOTAL, BY ICAP	MG/KG	13	U				
SM16 SELENIUM BY ICAP	MG/KG	1.1	U				
SM17 TITANIUM BY ICAP	MG/KG	NA	O				
SM18 THALLIUM BY ICAP	MG/KG	2.2	U				
SM19 VANADIUM BY ICAP	MG/KG	15					
SM20 ZINC BY ICAP	MG/KG	28	J				
SM21 CALCIUM, TOTAL BY ICAP	MG/KG	13000	J				
SM22 MAGNESIUM BY ICAP	MG/KG	2100					
SM23 SODIUM BY ICAP	MG/KG	1100	U				
SM24 POTASSIUM BY ICAP	MG/KG	1100	U				
SM34 MERCURY BY COLD VAPOR AA	MG/KG	0.11	U				
SS01 PHENOL	UG/KG	730	U				

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	101		103	104	105F	106F
SS02 CARBAZOLE	UG/KG	NA	O				
SS03 ETHER, BIS(2-CHLOROETHYL), BY GC/MS	UG/KG	730	U				
SS04 2-CHLOROPHENOL	UG/KG	730	U				
SS05 1,3-DICHLOROBENZENE	UG/KG	730	U				
SS06 1,4-DICHLOROBENZENE	UG/KG	730	U				
SS07 BENZYL ALCOHOL	UG/KG	730	U				
SS08 1,2-DICHLOROBENZENE	UG/KG	730	U				
SS09 2-METHYLPHENOL (O-CRESOL)	UG/KG	730	U				
SS10 WTHER, BIS(2-CHLOROISOPROPYL), BY GC/MS	UG/KG	730	U				
SS11 4-METHYLPHENOL (P-CRESOL)	UG/KG	730	U				
SS12 N-NITROSO-DIPROPYLAMINE	UG/KG	730	U				
SS13 HEXACHLOROETHANE	UG/KG	730	U				
SS14 NITROBENZENE	UG/KG	730	U				
SS15 ISOPHORONE	UG/KG	730	U				
SS16 2-NITROPHENOL	UG/KG	730	U				
SS17 2,4-DIMETHYLPHENOL	UG/KG	730	U				
SS18 BENZOIC ACID, BY GC/MS	UG/KG	3500	U				
SS19 METHANE, BIS(2-CHLOROETHYOXY), BY GC/MS	UG/KG	730	U				
SS20 2,4-DICHLOROPHENOL	UG/KG	730	U				
SS21 1,2,4-TRICHLOROBENZENE	UG/KG	730	U				
SS22 NAPHTHALENE	UG/KG	730	U				
SS23 4-CHLOROANILINE	UG/KG	730	U				
SS24 HEXACHLOROBUTADIENE,BY GC/MS	UG/KG	730	U				
SS25 4-CHLORO-3-METHYLPHENOL	UG/KG	730	U				
SS26 2-METHYLNAPHTHALENE	UG/KG	730	U				
SS27 HEXACHLOROCYCLOPENTADIENE,BY GC/MS	UG/KG	730	U				

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	101		103	104	105F	106F
SS28 2,4,6-TRICHLOROPHENOL	UG/KG	730	U				
SS29 2,4,5-TRICHLOROPHENOL	UG/KG	3500	U				
SS30 2-CHLORONAPHTHALENE	UG/KG	730	U				
SS31 2-NITROANILINE	UG/KG	3500	U				
SS32 PHTHALATE, DIMETHYL, BY GC/MS	UG/KG	730	U				
SS33 ACENAPHTHYLENE, BY GC/MS	UG/KG	730	U				
SS34 3-NITROANILINE	UG/KG	3500	U				
SS35 ACENAPHTHENE, BY GC/MS	UG/KG	730	U				
SS36 2,4-DINITROPHENOL	UG/KG	3500	U				
SS37 4-NITROPHENOL	UG/KG	3500	U				
SS38 DIBENZOFURAN	UG/KG	730	U				
SS39 2,4-DINITROTOLUENE	UG/KG	730	U				
SS40 2,6-DINITROTOLUENE	UG/KG	730	U				
SS41 PHTHALATE, DIETHYL, BY GC/MS	UG/KG	730	U				
SS42 4-CHLOROPHENYL PHENYL ETHER	UG/KG	730	U				
SS43 FLUORENE,GC/MS	UG/KG	730	U				
SS44 4-NITROANILINE	UG/KG	3500	U				
SS45 4,6-DINITRO-2-METHYLPHENOL	UG/KG	3500	U				
SS46 N-NITROSODIPHENYLAMINE	UG/KG	730	U				
SS47 4-BROMOPHENYL PHENYL ETHER	UG/KG	730	U				
SS48 HEXACHLOROBENZENE,BY GC/MS	UG/KG	730	U				
SS49 PENTACHLOROPHENOL	UG/KG	3500	U				
SS50 PHENANTHRENE	UG/KG	730	U				
SS51 ANTHRACENE, BY GC/MS	UG/KG	730	U				
SS52 PHTHALATE, DI-N-BUTYL-, BY GC/MS	UG/KG	730	U				
SS53 FLUORANTHENE,BY GC/MS	UG/KG	730	U				

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	101		103	104	105F	106F
SS54 PYRENE	UG/KG	730	U				
SS55 PHTHALATE, BUTYL BENZYL	UG/KG	730	U				
SS56 3,3'-DICHLOROBENZIDINE	UG/KG	1500	U				
SS57 ANTRACENE, BENZO(A), BY GC/MS	UG/KG	730	U				
SS58 PHTHALATE, BIS(2-ETHYLHEXYL), BY GC/MS	UG/KG	730	U				
SS59 CHRYSENE, BY GC/MS	UG/KG	730	U				
SS60 PHTHALATE, DI-N-OCTYL-, BY GC/MS	UG/KG	730	U				
SS61 FLUORANTHENE, BENZO(B), BY GC/MS	UG/KG	730	U				
SS62 FLUORANTHENE, BENZO(K), BY GC/MS	UG/KG	730	U				
SS63 PYRENE, BENZO(A), BY GC/MS	UG/KG	730	U				
SS64 INDENO(1,2,3-CD)PYRENE	UG/KG	730	U				
SS65 ANTHRACENE, DIBENZO(A,H), BY GC/MS	UG/KG	730	U				
SS66 PERYLENE, BENZO(G,H,I), BY GC/MS	UG/KG	730	U				
ST09 CYANIDE, TOTAL	MG/KG	5.4	U				
SV03 CHLOROMETHANE, BY GC/MS	UG/KG	11	U				
SV04 BROMOMETHANE, BY GC/MS	UG/KG	11	U				
SV05 VINYL CHLORIDE	UG/KG	11	U				
SV06 CHLOROETHANE, BY GC/MS	UG/KG	11	U				
SV07 METHYLENE CHLORIDE	UG/KG	5.3	U				
SV08 1,1-DICHLOROETHYLENE	UG/KG	5.3	U				
SV09 1,1-DICHLOROETHANE	UG/KG	5.3	U				
SV10 TRANS-1,2-DICHLOROETHYLENE	UG/KG	NA	O				
SV11 CHLOROFORM, BY GC/MS	UG/KG	5.3	U				
SV12 1,2-DICHLOROETHANE	UG/KG	5.3	U				
SV13 1,1,1-TRICHLOROETHANE	UG/KG	5.3	U				
SV14 CARBON TETRACHLORIDE, BY GC/MS	UG/KG	5.3	U				

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	101		103		104		105F		106F	
SV15 BROMODICHLOROMETHANE, BY GC/MS	UG/KG	5.3	U								
SV16 1,2-DICHLOROPROPANE	UG/KG	5.3	U								
SV17 BENZENE, BY GC/MS	UG/KG	5.3	U								
SV18 TRANS-1,3-DICHLOROPROPENE	UG/KG	5.3	U								
SV19 TRICHLOROETHYLENE	UG/KG	5.3	U								
SV20 DICHLOROPROPENE, CIS-1,3-, BY GC/MS	UG/KG	5.3	U								
SV21 DIBROMOCHLOROMETHANE, BY GC/MS	UG/KG	5.3	U								
SV22 1,1,2-TRICHLOROETHANE	UG/KG	5.3	U								
SV24 BROMOFORM, BY GC/MS	UG/KG	5.3	U								
SV25 1,1,2,2-TETRACHLOROETHENE	UG/KG	13									
SV26 TOLUENE	UG/KG	5.3	U								
SV27 1,1,2,2-TETRACHLOROETHANE	UG/KG	5.3	U								
SV28 CHLOROBENZENE, BY GC/MS	UG/KG	5.3	U								
SV29 ETHYL BENZENE,BY GC/MS	UG/KG	5.3	U								
SV30 ACETONE, BY GC/MS	UG/KG	11	U								
SV31 CARBON DISULFIDE, BY GC/MS	UG/KG	5.3	U								
SV32 2-BUTANONE	UG/KG	11	U								
SV33 VINYL ACETATE	UG/KG	11	U								
SV34 2-HEXANONE	UG/KG	11	U								
SV35 4-METHYL-2-PENTANONE	UG/KG	11	U								
SV36 STYRENE	UG/KG	5.3	U								
SV37 XYLENES, TOTAL	UG/KG	5.3	U								
WM01 SILVER BY ICAP	UG/L			10	U	10	U			10	U
WM02 ALUMINUM, TOTAL, BY ICAP	UG/L			200	U	200	U			200	U
WM03 ARSENIC, TOTAL, BY ICAP	UG/L			10	U	10	U			10	U
WM04 BARIUM, TOTAL, BY ICAP	UG/L			200	U	200	U			200	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	101	103		104		105F	106F	
WM05 BERYLLIUM, TOTAL, BY ICAP	UG/L		5.0	U	5.0	U		5.0	U
WM06 CADMIUM, TOTAL, BY ICAP	UG/L		5.0	U	5.0	U		5.0	U
WM07 COBALT, TOTAL, BY ICAP	UG/L		50	U	50	U		50	U
WM08 CHROMIUM, TOTAL, BY ICAP	UG/L		10	U	10	U		10	U
WM09 COPPER, TOTAL, BY ICAP	UG/L		25	U	25	U		25	U
WM10 IRON BY ICAP	UG/L		100	U	100	U		100	U
WM11 MANGANESE BY ICAP	UG/L		15	U	NA	O		15	U
WM12 MOLYBDENUM BY ICAP	UG/L		NA	O	15	U		NA	O
WM13 NICKEL BY ICAP	UG/L		40	U	40	U		40	U
WM14 LEAD BY ICAP	UG/L		3.0	U	4.0	U		3.0	U
WM15 ANTIMONY, TOTAL, BY ICAP	UG/L		60	U	60	U		60	U
WM16 SELENIUM BY ICAP	UG/L		5.0	U	5.0	U		5.0	U
WM17 TITANIUM BY ICAP	UG/L		NA	O	NA	O		NA	O
WM18 THALLIUM BY ICAP	UG/L		10	U	10	U		10	U
WM19 VANADIUM BY ICAP	UG/L		50	U	50	U		50	U
WM20 ZINC BY ICAP	UG/L		20	U	20	U		20	U
WM21 CALCIUM, TOTAL BY ICAP	MG/L		71		65			5.0	U
WM22 MAGNESIUM, TOTAL BY ICAP	MG/L		20		19			5.0	U
WM23 SODIUM, TOTAL BY ICAP	MG/L		7.8		5.6			5.0	U
WM24 POTASSIUM, TOTAL BY ICAP	MG/L		5.0	U	5.0	U		5.0	U
WM34 MERCURY BY COLD VAPOR AA	UG/L		0.20	U	0.20	U		0.20	U
WS01 PHENOL	UG/L		20	U	10	U		10	U
WS03 ETHER, BIS(2-CHLOROETHYL), BY GC/MS	UG/L		20	U	10	U		10	U
WS04 2-CHLOROPHENOL	UG/L		20	U	10	U		10	U
WS05 1,3-DICHLOROBENZENE	UG/L		20	U	10	U		10	U
WS06 1,4-DICHLOROBENZENE	UG/L		20	U	10	U		10	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	101	103	104	105F	106F
WS07 BENZYL ALCOHOL	UG/L		20 U	10 U		10 U
WS08 1,2-DICHLOROBENZENE	UG/L		20 U	10 U		10 U
WS09 2-METHYLPHENOL (O-CRESOL)	UG/L		20 U	10 U		10 U
WS10 ETHER, BIS(2-CHLOROISOPROPYL), BY GC/MS	UG/L		20 U	10 U		10 U
WS11 4-METHYLPHENOL (P-CRESOL)	UG/L		20 U	10 U		10 U
WS12 N-NITROSO-DIPROPYLAMINE	UG/L		20 U	10 U		10 U
WS13 HEXACHLOROETHANE	UG/L		20 U	10 U		10 U
WS14 NITROBENZENE	UG/L		20 U	10 U		10 U
WS15 ISOPHORONE	UG/L		20 U	10 U		10 U
WS16 2-NITROPHENOL	UG/L		20 U	10 U		10 U
WS17 2,4-DIMETHYLPHENOL	UG/L		20 U	10 U		10 U
WS18 BENZOIC ACID, BY GC/MS	UG/L		100 U	50 U		50 U
WS19 METHANE, BIS(2-CHLOROETHYOXY), BY GC/MS	UG/L		20 U	10 U		10 U
WS20 2,4-DICHLOROPHENOL	UG/L		20 U	10 U		10 U
WS21 1,2,4-TRICHLOROBENZENE	UG/L		20 U	10 U		10 U
WS22 NAPHTHALENE	UG/L		20 U	10 U		10 U
WS23 4-CHLOROANILINE	UG/L		20 U	10 U		10 U
WS24 HEXACHLOROBUTADIENE,BY GC/MS	UG/L		20 U	10 U		10 U
WS25 4-CHLORO-3-METHYLPHENOL	UG/L		20 U	10 U		10 U
WS26 2-METHYLNAPHTHALENE	UG/L		20 U	10 U		10 U
WS27 HEXACHLOROCYCLOPENTADIENE,BY GC/MS	UG/L		20 U	10 U		10 U
WS28 2,4,6-TRICHLOROPHENOL	UG/L		20 U	10 U		10 U
WS29 2,4,5-TRICHLOROPHENOL	UG/L		100 U	50 U		50 U
WS30 2-CHLORONAPHTHALENE	UG/L		20 U	10 U		10 U
WS31 2-NITROANILINE (ORTHO NITROANILINE)	UG/L		100 U	50 U		50 U
WS32 PHTHALATE, DIMETHYL, BY GC/MS	UG/L		20 U	10 U		10 U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	101	103		104		105F	106F	
WS33 ACENAPHTHYLENE, BY GC/MS	UG/L		20	U	10	U		10	U
WS34 3-NITROANILINE	UG/L		100	U	50	U		50	U
WS35 ACENAPHTHENE, BY GC/MS	UG/L		20	U	10	U		10	U
WS36 2,4-DINITROPHENOL	UG/L		100	U	50	U		50	U
WS37 4-NITROPHENOL	UG/L		100	U	50	U		50	U
WS38 DIBENZOFURAN	UG/L		20	U	10	U		10	U
WS39 2,4-DINITROTOLUENE	UG/L		20	U	10	U		10	U
WS40 2,6-DINITROTOLUENE	UG/L		20	U	10	U		10	U
WS41 PHTHALATE, DIETHYL, BY GC/MS	UG/L		20	U	10	U		10	U
WS42 4-CHLOROPHENYL PHENYL ETHER	UG/L		20	U	10	U		10	U
WS43 FLUORENE,BY GC/MS	UG/L		20	U	10	U		10	U
WS44 4-NITROANILINE	UG/L		100	U	50	U		50	U
WS45 4,6-DINITRO-2-METHYLPHENOL	UG/L		100	U	50	U		50	U
WS46 N-NITROSODIPHENYLAMINE	UG/L		20	U	10	U		10	U
WS47 4-BROMOPHENYL PHENYL ETHER	UG/L		20	U	10	U		10	U
WS48 HEXACHLOROBENZENE,BY GC/MS	UG/L		20	U	10	U		10	U
WS49 PENTACHLOROPHENOL	UG/L		100	U	50	U		50	U
WS50 PHENANTHRENE	UG/L		20	U	10	U		10	U
WS51 ANTHRACENE, BY GC/MS	UG/L		20	U	10	U		10	U
WS52 PHTHALATE, DI-N-BUTYL-, BY GC/MS	UG/L		20	U	10	U		10	U
WS53 FLUORANTHENE,BY GC/MS	UG/L		20	U	10	U		10	U
WS54 PYRENE	UG/L		20	U	10	U		10	U
WS55 PHTHALATE, BUTYL BENZYL	UG/L		20	U	10	U		10	U
WS56 3,3'-DICHLOROBENZIDINE	UG/L		40	U	20	U		20	U
WS57 ANTHRACENE, BENZO(A), BY GC/MS	UG/L		20	U	10	U		10	U
WS58 PHTHALATE, BIS(2-ETHYLHEXYL), BY GC/MS	UG/L		20	U	10	U		10	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	101	103		104		105F		106F	
WS59 CHRYSENE, BY GC/MS	UG/L		20	U	10	U			10	U
WS60 PHTHALATE, DI-N-OCTYL-, BY GC/MS	UG/L		20	U	10	U			10	U
WS61 FLUORANTHENE, BENZO(B), BY GC/MS	UG/L		20	U	10	U			10	U
WS62 FLUORANTHENE, BENZSO(K), BY GC/MS	UG/L		20	U	10	U			10	U
WS63 PYRENE, BENZO(A), BY GC/MS	UG/L		20	U	10	U			10	U
WS64 INDENO(1,2,3-CD)PYRENE	UG/L		20	U	10	U			10	U
WS65 ANTHRACENE, DIBENZO(A,H), BY GC/MS	UG/L		20	U	10	U			10	U
WS66 PERYLENE, BENZO(G,H,I), BY GC/MS	UG/L		20	U	10	U			10	U
WS67 CARBAZOLE	UG/L		NA	O	NA	O			NA	O
WT09 CYANIDE, TOTAL	MG/L		0.020	U	0.010	U			0.010	U
WV03 CHLOROMETHANE, BY GC/MS	UG/L		10	U	10	U	10	U	10	U
WV04 BROMOMETHANE, BY GC/MS	UG/L		10	U	10	U	10	U	10	U
WV05 VINYL CHLORIDE	UG/L		10	U	10	U	10	U	10	U
WV06 CHLOROETHANE, BY GC/MS	UG/L		10	U	10	U	10	U	10	U
WV07 METHYLENE CHLORIDE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV08 1,1-DICHLOROETHENE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV09 1,1-DICHLOROETHANE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV10 1,2-DICHLOROETHENE, TOTAL	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV11 CHLOROFORM, BY GC/MS	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV12 1,2-DICHLOROETHANE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV13 1,1,1-TRICHLOROETHANE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV14 CARBON TETRACHLORIDE, BY GC/MS	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV15 BROMODICHLOROMETHANE, BY GC/MS	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV16 1,2-DICHLOROPROPANE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV17 BENZENE, BY GC/MS	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV19 TRICHLOROETHENE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 1-DSX72 VALIDATED DATA

COMPOUND	UNITS	101	103		104		105F		106F	
WV20 DICHLOROPROPENE, CIS-1,3-, BY GC/MS	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV21 DIBROMOCHLOROMETHANE, BY GC/MS	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV22 1,1,2-TRICHLOROETHANE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV24 BROMOFORM, BY GC/MS	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV25 TETRACHLOROETHENE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV26 TOLUENE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV27 1,1,2,2-TETRACHLOROETHANE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV28 CHLOROBENZENE, BY GC/MS	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV29 ETHYL BENZENE,BY GC/MS	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV30 ACETONE, BY GC/MS	UG/L		10	U	10	U	30		10	U
WV31 CARBON DISULFIDE, BY GC/MS	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV32 2-BUTANONE	UG/L		10	U	10	U	10	U	10	U
WV33 VINYL ACETATE	UG/L		10	U	10	U	10	U	10	U
WV34 2-HEXANONE	UG/L		10	U	10	U	10	U	10	U
WV35 4-METHYL-2-PENTANONE	UG/L		10	U	10	U	10	U	10	U
WV36 STYRENE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV37 XYLENES, TOTAL	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
WV40 TRANS-1,3-DICHLOROPROPENE	UG/L		5.0	U	5.0	U	5.0	U	5.0	U
ZZ01 SAMPLE NUMBER	NA	101	103		104		105		106	
ZZ02 ACTIVITY CODE	NA	DSX72	DSX72		DSX72		DSX72		DSX72	

ACTIVITY DSX72 CEDAR FALLS FMGP

THE PROJECT LEADER SHOULD CIRCLE ONE - STORET, AIRS, OR ARCHIVE.

CIRCLE ONE: STORET AIRS ARCHIVE

DATA APPROVED BY LABO FOR TRANSMISSION TO PROJECT LEADER ON 09/12/91 15:58:53 BY M.C. Thomas.
FOR A.J.