DOC ID# 72117

Site: Carter Carburator
ID #: MOD000822601
Break: 1.3
Other: EPA
8-14-95

ANALYSIS REQUEST REPORT

FOR ACTIVITY: GZ1JJ

VALIDATED DATA

HAMERA, DON

08/14/95 14:08:34

ALL REAL SAMPLES AND FIELD Q.C.

* FINAL REPORT

FY: 95 ACTIVITY: GZ1JJ DESCRIPTION: CARTER CARBURETOR LOCATION: ST. LOUIS MISSOURI

STATUS: ACTIVE TYPE: SAMPLING - IN HOUSE ANALYSIS PROJECT: L33

LABO DUE DATE IS 8/ 6/95. REPORT DUE DATE IS 8/28/95.

INSPECTION DATE: 6/29/95 ALL SAMPLES RECEIVED DATE: 07/07/95

ALL DATA APPROVED BY LABO DATE: 08/10/95 FINAL REPORT TRANSMITTED DATE: 08/14/95

EXPECTED LABO TURNAROUND TIME IS 30 DAYS EXPECTED REPORT TURNAROUND TIME IS 60 DAYS

ACTUAL LABO TURNAROUND TIME IS 34 DAYS ACTUAL REPORT TURNAROUND TIME IS 46 DAYS

SITE CODE: JJ SITE: CARTER CARBURETOR SITE

SAMP. NO.	QCC	M	DESCRIPTION	SAMPLE # STATUS	CITY	STATE	AIRS/ STORET LOC NO	SECT	LAY-ER	BEG. DATE	BEG. TIME	END. DATE	END. TIME
001		H	NORTH DIE CASE ROOM - WIPE	1	ST. LOUIS	MISSOURI				06/27/95	09:30	00/00/00	00:00
002		H	NORTH DIE CASE ROOM - WIPE	1	ST. LOUIS	MISSOURI				06/27/95	09:45	00/00/00	00:00
003		H	SOUTH DIE CAST ROOM - WIPE	1	ST. LOUIS	MISSOURI				06/27/95	10:09	00/00/00	00:00
004		H	SOUTH DIE CAST ROOM - WIPE	1	ST. LOUIS	MISSOURI				06/27/95	10:30	00/00/00	00:00
005		H	CONCRETE CORING DRILL - WIPE	1	ST. LOUIS	MISSOURI				06/27/95	07:00	00/00/00	00:00
010		S	SOUTH DIE CAST ROOM - CONCRETE CORE #1	1	ST. LOUIS	MISSOURI				06/26/95	10:30	00/00/00	00:00
011		S	SOUTH DIE CAST ROOM - CONCRETE CORE #2	1	ST. LOUIS	MISSOURI				06/26/95	11:10	00/00/00	00:00
012		S	SOUTH DIE CAST ROOM - CONCRETE CORE #2	1	ST. LOUIS	MISSOURI				06/26/95	11:10	00/00/00	00:00
013		S	SOUTH DIE CAST ROOM - CONCRETE CORE #2	1	ST. LOUIS	MISSOURI				06/26/95	11:10	00/00/00	00:00
014		S	NORTH DIE CAST ROOM - CONCRETE CORE #3	1	ST. LOUIS	MISSOURI				06/26/95	11:45	00/00/00	00:00
015		S	NORTH DIE CAST ROOM - CONCRETE CORE #4	1	ST. LOUIS	MISSOURI				06/26/95	12:05	00/00/00	00:00
016		S	NORTH DIE CAST ROO - CONCRETE	1	ST. LOUIS	MISSOURI				06/26/95	14:45	00/00/00	00:00
017		S	SOUTH DIE CAST ROOM - SOIL	1	ST. LOUIS	MISSOURI				06/26/95	15:10	00/00/00	00:00
018		S	SOUTH DIE CAST ROOM - WOOD CHIPS #1	1	ST. LOUIS	MISSOURI				06/26/95	16:10	00/00/00	00:00
019		S	SOUTH DIE CAST ROOM - WOOD CHIPS #2	1	ST. LOUIS	MISSOURI				06/26/95	16:55	00/00/00	00:00
020		S	NORTH DIE CAST ROOM - WOOD CHIP #3	1	ST. LOUIS	MISSOURI				06/26/95	17:20	00/00/00	00:00
021		S	NORTH DIE CAST ROOM - WOOD CHIP #4	1	ST. LOUIS	MISSOURI				06/26/95	17:35	00/00/00	00:00
024		W	DECON WATER	1	ST. LOUIS	MISSOURI				06/27/95	17:30	00/00/00	00:00
025		S	SUB-SURFACE ESAT UST AREA - SOIL	1	ST. LOUIS	MISSOURI				06/27/95	09:01	00/00/00	00:00
026		S	SOUTH UST AREA - SUB-SURFACE SOIL	1	ST. LOUIS	MISSOURI				06/27/95	09:55	00/00/00	00:00
027		S	WEST UST AREA - SUB-SURFACE SOIL	1	ST. LOUIS	MISSOURI				06/27/95	11:15	00/00/00	00:00
028		S	NORTH UST AREA - SUB-SURFACE SOIL	1	ST. LOUIS	MISSOURI				06/27/95	11:25	00/00/00	00:00
029		S	NORTH UST AREA - SUB-SURFACE SOIL	1	ST. LOUIS	MISSOURI				06/27/95	11:35	00/00/00	00:00

S00072967
SUPERFUND RECORDS

VALIDATED DATA

SAMP. NO.	QCC	M	DESCRIPTION	SAMPLE # STATUS	CITY	STATE	AIRS/ STORET LOC NO	SECT	LAY-ER	BEG. DATE	BEG. TIME	END. DATE	END. TIME
030		S	NORTH LOT DRAINAGE PATHWAY - SEDIMENT	1	ST. LOUIS	MISSOURI				06/27/95	11:50	00/00/00	00:00
031		S	NORTH LOT - SUB-SURFACE SOIL	1	ST. LOUIS	MISSOURI				06/26/95	14:05	00/00/00	00:00
032		S	NORTH LOT - SUB-SURFACE SOIL	1	ST. LOUIS	MISSOURI				06/26/95	14:05	00/00/00	00:00
033		S	BACKGROUND SOIL 0-2"	1	ST. LOUIS	MISSOURI				07/05/95	14:40	00/00/00	00:00
034		S	BACKGROUND SOIL 6-18"	1	ST. LOUIS	MISSOURI				07/05/95	14:45	00/00/00	00:00
047		S	SOUTH DIE CAST ROOM - SOLID	1	ST. LOUIS	MISSOURI				06/27/95	10:59	00/00/00	00:00
048		S	NORTH DIE CAST ROOM - DUST	1	ST. LOUIS	MISSOURI				06/27/95	11:14	00/00/00	00:00
049		S	NORTH PUMP ROOM IN CBI BLDG.-DUST	1	ST. LOUIS	MISSOURI				06/27/95	13:58	00/00/00	00:00
050		S	MARION TOUR'S METAL FAB SHOP - DUST	1	ST. LOUIS	MISSOURI				06/27/95	13:58	00/00/00	00:00
051		S	SOUTH SIDE OF PUMP ROOM IN CBI - DUST	1	ST. LOUIS	MISSOURI				06/27/95	14:17	00/00/00	00:00

EXPLANATION OF CODES AND INFORMATION ON ANALYSIS REQUEST DETAIL REPORT

SAMPLE INFORMATION:

SAMP. NO. = SAMPLE IDENTIFICATION NUMBER (A 3-DIGIT NUMBER WHICH IN COMBINATION WITH THE ACTIVITY NUMBER AND QCC, PROVIDES AN UNIQUE NUMBER FOR EACH SAMPLE FOR IDENTIFICATION PURPOSES)

QCC = QUALITY CONTROL CODE (A ONE-LETTER CODE USED TO DESIGNATE SPECIFIC QC SAMPLES. THIS FIELD WILL BE BLANK FOR ALL NON-QC OR ACTUAL SAMPLES):

- B = CAL INCREASED CONCENTRATION FOR A LAB SPIKED DUP SAMPLE
- D = MEASURED VALUE FOR FIELD DUPLICATE SAMPLE
- F = MEASURED VALUE FOR FIELD BLANK
- G = MEASURED VALUE FOR METHOD STANDARD
- H = TRUE VALUE FOR METHOD STANDARD
- K = CAL INCREASED CONCENTRATION FOR FIELD SPIKED DUP SAMPLE
- L = MEASURED VALUE FOR A LAB DUPLICATE SAMPLE
- M = MEASURED VALUE FOR LAB BLANK
- N = MEASURED CONCENTRATION OF FIELD SPIKED DUPLICATE
- P = MEASURED VALUE FOR PERFORMANCE STANDARD
- R = CAL INCREASED CONCENTRATION RESULTING FROM LAB SPIKE
- S = MEASURED CONCENTRATION OF LAB SPIKED SAMPLE
- T = TRUE VALUE OF PERFORMANCE STANDARD
- W = MEASURED CONCENTRATION OF LAB SPIKED DUPLICATE
- Y = MEASURED CONCENTRATION OF FIELD SPIKED SAMPLE
- Z = CAL INCREASED CONCENTRATION RESULTING FROM FIELD SPIKE
- 1 = MEASURED VALUE OF FIRST SPIKED REPLICATE
- 2 = MEASURED VALUE OF SECOND SPIKED REPLICATE
- 3 = MEASURED VALUE OF THIRD SPIKED REPLICATE
- 4 = MEASURED VALUE OF FOURTH SPIKED REPLICATE
- 5 = MEASURED VALUE OF FIFTH SPIKED REPLICATE
- 6 = MEASURED VALUE OF SIXTH SPIKED REPLICATE
- 7 = MEASURED VALUE OF SEVENTH SPIKED REPLICATE

M = MEDIA CODE (A ONE-LETTER CODE DESIGNATING THE MEDIA OF THE SAMPLE):

- A = AIR H = HAZARDOUS WASTE/OTHER
- S = SOLID (SOIL, SEDIMENT, SLUDGE)
- T = TISSUE (PLANT & ANIMAL)
- W = WATER (GROUND WATER, SURFACE WATER, WASTE WATER, DRINKING WATER)

DESCRIPTION = A SHORT DESCRIPTION OF THE LOCATION WHERE SAMPLE WAS COLLECTED

AIRS/STORET LOC. NO. = THE SPECIFIC LOCATION ID NUMBER OF EITHER OF THESE NATIONAL DATABASE SYSTEMS, AS APPROPRIATE

DATE/TIME INFORMATION = SPECIFIC INFORMATION REGARDING WHEN THE SAMPLE WAS COLLECTED

- BEG. DATE = DATE SAMPLING WAS STARTED
- BEG. TIME = TIME SAMPLING WAS STARTED
- END DATE = DATE SAMPLING WAS COMPLETED
- END TIME = TIME SAMPLING WAS COMPLETED
- NOTE: A GRAB SAMPLE WILL CONTAIN ONLY BEG. DATE/TIME
  A TIMED COMPOSITE SAMPLE WILL CONTAIN BOTH BEG AND END DATE/TIME TO DESIGNATE DURATION OF SAMPLE COLLECTION

OTHER CODES

- V = VALIDATED

ANALYTICAL RESULTS/MEASUREMENTS INFORMATION:

COMPOUND = MGP (MEDIA-GROUP-PARAMETER) CODE AND NAME OF THE MEASURED CONSTITUENT OR CHARACTERISTIC OF EACH SAMPLE

UNITS = SPECIFIC UNITS IN WHICH RESULTS ARE REPORTED:

- C = CENTIGRADE (CELSIUS) DEGREES
- CFS = CUBIC FEET PER SECOND
- GPM = GALLONS PER MINUTE
- IN = INCHES
- I.D. = SPECIES IDENTIFICATION
- KG = KILOGRAM
- L = LITER
- LB = POUNDS
- MG = MILLIGRAMS (1 X 10-3 GRAMS)
- MGD = MILLION GALLONS PER DAY
- MPH = MILES PER HOUR
- MV = MILLIVOLT
- M/F = MALE/FEMALE
- M2 = SQUARE METER
- M3 = CUBIC METER
- NA = NOT APPLICABLE
- NG = NANOGRAMS (1 X 10-9 GRAMS)
- NTU = NEPHELOMETRIC TURBIDITY UNITS
- PC/L = PICO (1 X 10-12) CURRIES PER LITER
- PG = PICOGRAMS (1 X 10-12 GRAMS)
- P/CM2 = PICOGRAMS PER SQUARE CENTIMETER
- SCM = STANDARD CUBIC METER (1 ATM, 25 C)
- SQ FT = SQUARE FEET
- SU = STANDARD UNITS (PH)
- UG = MICROGRAMS (1 X 10-6 GRAMS)
- UMHOS = MICROMHOS/CM (CONDUCTIVITY UNITS)
- U/CC2 = MICROGRAMS PER 100 SQUARE CENTIMETERS
- U/CM2 = MICROGRAMS PER SQUARE CENTIMETER
- 1000G = 1000 GALLONS
- +/- = POSITIVE/NEGATIVE
- # = NUMBER

DATA QUALIFIERS = SPECIFIC CODES USED IN CONJUNCTION WITH DATA VALUES TO PROVIDE ADDITIONAL INFORMATION ON THE REPORTED RESULTS, OR USED TO EXPLAIN THE ABSENCE OF A SPECIFIC VALUE:

- BLANK = IF FIELD IS BLANK, NO REMARKS OR QUALIFIERS ARE PERTINENT. FOR FINAL REPORTED DATA, THIS MEANS THAT THE VALUES HAVE BEEN REVIEWED AND FOUND TO BE ACCEPTABLE FOR USE.
- I = INVALID SAMPLE/DATA - VALUE NOT REPORTED
- J = DATA REPORTED BUT NOT VALID BY APPROVED QC PROCEDURES
- K = ACTUAL VALUE OF SAMPLE IS < VALUE REPORTED
- L = ACTUAL VALUE OF SAMPLE IS > VALUE REPORTED
- M = DETECTED BUT BELOW THE LEVEL OF REPORTED VALUE FOR ACCURATE QUANTIFICATION
- O = PARAMETER NOT ANALYZED
- U = ACTUAL VALUE OF SAMPLE IS < THE MEASUREMENT DETECTION LIMIT (REPORTED VALUE)

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 5-GZ1JJ VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
HC11 PCB - AROCLOR 1016, WIPE	UGCM2	1.00	K	0.100	K	0.010	K	0.100	K	0.010	K
HC12 PCB - AROCLOR 1221, WIPE	UGCM2	2.00	K	0.200	K	0.020	K	0.200	K	0.020	K
HC13 PCB - AROCLOR 1232, WIPE	UGCM2	1.00	K	0.100	K	0.010	K	0.100	K	0.010	K
HC14 PCB - AROCLOR 1242, WIPE	UGCM2	1.00	K	0.100	K	0.010	K	0.100	K	0.010	K
HC15 PCB - AROCLOR 1248, WIPE	UGCM2	16.8		4.44		0.544		3.66		0.010	K
HC16 PCB - AROCLOR 1254, WIPE	UGCM2	1.00	K	3.02		0.391		1.02		0.010	K
HC17 PCB - AROCLOR 1260, WIPE	UGCM2	1.00	K	0.100	K	0.010	K	0.100	K	0.010	K
ZZ01 SAMPLE NUMBER	NA	001		002		003		004		005	
ZZ02 ACTIVITY CODE	NA	GZ1JJ		GZ1JJ		GZ1JJ		GZ1JJ		GZ1JJ	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 5-GZ1JJ VALIDATED DATA

COMPOUND	UNITS	010		011		012		013		014	
SP17 PCB-AROCLOR 1016	UG/KG	3470	K	37900	K	37500	K	35.5	K	36300	K
SP18 PCB-AROCLOR 1221	UG/KG	7050	K	77000	K	76100	K	72.0	K	73600	K
SP19 PCB-AROCLOR 1232	UG/KG	3470	K	37900	K	37500	K	35.5	K	36300	K
SP20 PCB-AROCLOR 1242	UG/KG	3470	K	4060000		1270000		35.5	K	5070000	
SP21 PCB-AROCLOR 1248	UG/KG	474000		37900	K	37500	K	3960		36300	K
SP22 PCB-AROCLOR 1254	UG/KG	3470	K	37900	K	37500	K	35.5	K	36300	K
SP23 PCB-AROCLOR 1260	UG/KG	229000		37900	K	37500	K	35.5	K	36300	K
ZZ01 SAMPLE NUMBER	NA	010		011		012		013		014	
ZZ02 ACTIVITY CODE	NA	GZ1JJ		GZ1JJ		GZ1JJ		GZ1JJ		GZ1JJ	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 5-GZ1JJ VALIDATED DATA

COMPOUND	UNITS	015	016	017	018	019
SM01 SILVER, TOTAL, BY ICAP	MG/KG			2.49 U		
SM02 ALUMINUM, TOTAL, BY ICAP	MG/KG			13300		
SM04 BARIUM, TOTAL, BY ICAP	MG/KG			182		
SM05 BERYLLIUM, TOTAL, BY ICAP	MG/KG			1.25 U		
SM06 CADMIUM, TOTAL, BY ICAP	MG/KG			1.25 U		
SM07 COBALT, TOTAL, BY ICAP	MG/KG			8.62		
SM08 CHROMIUM, TOTAL, BY ICAP	MG/KG			17.0		
SM09 COPPER, TOTAL, BY ICAP	MG/KG			18.7		
SM10 IRON, TOTAL, BY ICAP	MG/KG			22000		
SM11 MANGANESE, TOTAL, BY ICAP	MG/KG			485		
SM12 MOLYBDENUM, TOTAL, BY ICAP	MG/KG			2.49 U		
SM13 NICKEL, TOTAL, BY ICAP	MG/KG			20.1		
SM15 ANTIMONY, TOTAL, BY ICAP	MG/KG			12.5 U		
SM17 TITANIUM, TOTAL, BY ICAP	MG/KG			274		
SM19 VANADIUM, TOTAL, BY ICAP	MG/KG			33.6		
SM20 ZINC, TOTAL, BY ICAP	MG/KG			62.1		
SM21 CALCIUM, TOTAL, BY ICAP	MG/KG			3460		
SM22 MAGNESIUM, TOTAL, BY ICAP	MG/KG			2500		
SM23 SODIUM, TOTAL, BY ICAP	MG/KG			78.9		
SM24 POTASSIUM, TOTAL, BY ICAP	MG/KG			1230		
SM27 ARSENIC, TOTAL, BY AA	MG/KG			9.04		
SM30 LEAD, TOTAL, BY AA	MG/KG			18.5		
SM32 SELENIUM, TOTAL, BY AA	MG/KG			1.25 U		
SM33 THALLIUM, TOTAL, BY AA	MG/KG			1.25 U		
SP17 PCB-AROCLOR 1016	UG/KG	702000 K	40.2 K	42.3 K	971 K	5000 K
SP18 PCB-AROCLOR 1221	UG/KG	1420000 K	81.7 K	85.9 K	1971 K	10200 K

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 5-GZ1JJ VALIDATED DATA

COMPOUND	UNITS	015	016	017	018	019
SP19 PCB-AROCLOR 1232	UG/KG	702000 K	40.2 K	42.3 K	971 K	5000 K
SP20 PCB-AROCLOR 1242	UG/KG	702000 K	40.2 K	42.3 K	971 K	5000 K
SP21 PCB-AROCLOR 1248	UG/KG	6760000	123	42.3 K	77000	510000
SP22 PCB-AROCLOR 1254	UG/KG	702000 K	40.2 K	42.3 K	32100	5000 K
SP23 PCB-AROCLOR 1260	UG/KG	702000 K	40.2 K	42.3 K	971 K	306000
ZZ01 SAMPLE NUMBER	NA	015	016	017	018	019
ZZ02 ACTIVITY CODE	NA	GZ1JJ	GZ1JJ	GZ1JJ	GZ1JJ	GZ1JJ

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 5-GZ1JJ VALIDATED DATA

COMPOUND	UNITS	020	021	024	025	026
SM01 SILVER, TOTAL, BY ICAP	MG/KG				2.09 U	
SM02 ALUMINUM, TOTAL, BY ICAP	MG/KG				2420	
SM04 BARIUM, TOTAL, BY ICAP	MG/KG				16.4	
SM05 BERYLLIUM, TOTAL, BY ICAP	MG/KG				1.05 U	
SM06 CADMIUM, TOTAL, BY ICAP	MG/KG				1.05 U	
SM07 COBALT, TOTAL, BY ICAP	MG/KG				2.36	
SM08 CHROMIUM, TOTAL, BY ICAP	MG/KG				6.76	
SM09 COPPER, TOTAL, BY ICAP	MG/KG				6.97	
SM10 IRON, TOTAL, BY ICAP	MG/KG				3110	
SM11 MANGANESE, TOTAL, BY ICAP	MG/KG				62.4	
SM12 MOLYBDENUM, TOTAL, BY ICAP	MG/KG				2.09 U	
SM13 NICKEL, TOTAL, BY ICAP	MG/KG				6.19	
SM15 ANTIMONY, TOTAL, BY ICAP	MG/KG				10.5 U	
SM17 TITANIUM, TOTAL, BY ICAP	MG/KG				10.6	
SM19 VANADIUM, TOTAL, BY ICAP	MG/KG				8.35	
SM20 ZINC, TOTAL, BY ICAP	MG/KG				58.4	
SM21 CALCIUM, TOTAL, BY ICAP	MG/KG				208000	
SM22 MAGNESIUM, TOTAL, BY ICAP	MG/KG				21600	
SM23 SODIUM, TOTAL, BY ICAP	MG/KG				200	
SM24 POTASSIUM, TOTAL, BY ICAP	MG/KG				939	
SM27 ARSENIC, TOTAL, BY AA	MG/KG				1.62	
SM30 LEAD, TOTAL, BY AA	MG/KG				11.0	
SM32 SELENIUM, TOTAL, BY AA	MG/KG				1.07 U	
SM33 THALLIUM, TOTAL, BY AA	MG/KG				1.07 U	
SP17 PCB-AROCLOR 1016	UG/KG	363 K	3630 K		35.1 K	34.4 K
SP18 PCB-AROCLOR 1221	UG/KG	736 K	7360 K		71.3 K	69.8 K

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 5-GZ1JJ VALIDATED DATA

COMPOUND	UNITS	020		021		024		025		026	
SP19 PCB-AROCLOR 1232	UG/KG	363	K	3630	K			35.1	K	34.4	K
SP20 PCB-AROCLOR 1242	UG/KG	363	K	3630	K			35.1	K	34.4	K
SP21 PCB-AROCLOR 1248	UG/KG	21800		204000				35.1	K	34.4	K
SP22 PCB-AROCLOR 1254	UG/KG	7600		91800				35.1	K	34.4	K
SP23 PCB-AROCLOR 1260	UG/KG	363	K	3630	K			392		35.8	
WP17 PCB-AROCLOR 1016	UG/L					10.0	K				
WP18 PCB-AROCLOR 1221	UG/L					20.0	K				
WP19 PCB-AROCLOR 1232	UG/L					10.0	K				
WP20 PCB-AROCLOR 1242	UG/L					10.0	K				
WP21 PCB-AROCLOR 1248	UG/L					88.0					
WP22 PCB-AROCLOR 1254	UG/L					10.0	K				
WP23 PCB-AROCLOR 1260	UG/L					241					
ZZ01 SAMPLE NUMBER	NA	020		021		024		025		026	
ZZ02 ACTIVITY CODE	NA	GZ1JJ		GZ1JJ		GZ1JJ		GZ1JJ		GZ1JJ	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 5-GZ1JJ VALIDATED DATA

COMPOUND	UNITS	027		028		029		030		031	
SM01 SILVER, TOTAL, BY ICAP	MG/KG									2.26	U
SM02 ALUMINUM, TOTAL, BY ICAP	MG/KG									9780	
SM04 BARIUM, TOTAL, BY ICAP	MG/KG									142	
SM05 BERYLLIUM, TOTAL, BY ICAP	MG/KG									1.13	U
SM06 CADMIUM, TOTAL, BY ICAP	MG/KG									3.48	
SM07 COBALT, TOTAL, BY ICAP	MG/KG									7.77	
SM08 CHROMIUM, TOTAL, BY ICAP	MG/KG									12.8	
SM09 COPPER, TOTAL, BY ICAP	MG/KG									18.3	
SM10 IRON, TOTAL, BY ICAP	MG/KG									15900	
SM11 MANGANESE, TOTAL, BY ICAP	MG/KG									644	
SM12 MOLYBDENUM, TOTAL, BY ICAP	MG/KG									2.26	U
SM13 NICKEL, TOTAL, BY ICAP	MG/KG									14.6	
SM15 ANTIMONY, TOTAL, BY ICAP	MG/KG									11.3	U
SM17 TITANIUM, TOTAL, BY ICAP	MG/KG									276	
SM19 VANADIUM, TOTAL, BY ICAP	MG/KG									27.1	
SM20 ZINC, TOTAL, BY ICAP	MG/KG									103	
SM21 CALCIUM, TOTAL, BY ICAP	MG/KG									29400	
SM22 MAGNESIUM, TOTAL, BY ICAP	MG/KG									3670	
SM23 SODIUM, TOTAL, BY ICAP	MG/KG									81.4	
SM24 POTASSIUM, TOTAL, BY ICAP	MG/KG									1260	
SM27 ARSENIC, TOTAL, BY AA	MG/KG									5.69	
SM30 LEAD, TOTAL, BY AA	MG/KG									89.0	
SM32 SELENIUM, TOTAL, BY AA	MG/KG									1.14	U
SM33 THALLIUM, TOTAL, BY AA	MG/KG									1.14	U
SP17 PCB-AROCLOR 1016	UG/KG	41.8	K	34.7	K	37.9	K	3750	K	40200	K
SP18 PCB-AROCLOR 1221	UG/KG	84.8	K	70.5	K	77.0	K	7610	K	81700	K

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 5-GZ1JJ VALIDATED DATA

COMPOUND	UNITS	027	028	029	030	031
SP19 PCB-AROCLOR 1232	UG/KG	41.8 K	34.7 K	37.9 K	3750 K	40200 K
SP20 PCB-AROCLOR 1242	UG/KG	41.8 K	34.7 K	37.9 K	3750 K	40200 K
SP21 PCB-AROCLOR 1248	UG/KG	41.8 K	34.7 K	37.9 K	3750 K	40200 K
SP22 PCB-AROCLOR 1254	UG/KG	41.8 K	34.7 K	37.9 K	3750 K	40200 K
SP23 PCB-AROCLOR 1260	UG/KG	41.8 K	2210	37.9 K	415000	7550000
ZZ01 SAMPLE NUMBER	NA	027	028	029	030	031
ZZ02 ACTIVITY CODE	NA	GZ1JJ	GZ1JJ	GZ1JJ	GZ1JJ	GZ1JJ

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 5-GZ1JJ VALIDATED DATA

COMPOUND	UNITS	032	033	034	047	048
SD02 DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPI	NG/GM				0.0217 U	0.043
SD04 DIOXIN, 2378-TCD-TOTAL EQUIVALENTS	UG/KG				0.188	3.93
SD10 DIOXIN, 1234678-HEPTACHLORODIBENZO-P-	NG/KG				283	1500
SD22 DIOXIN, OCTACHLORODIBENZO-P	NG/KG				2630	15500
SD23 FURAN, 2378-TETRACHLORODIBENZO	NG/KG				581	3250
SD31 FURAN, OCTACHLORODIBENZO	NG/KG				283	12100
SD32 FURAN, 12378-PENTACHLORODIBENZO	NG/KG				120	1250
SD34 FURAN, 123478-HEXACHLORODIBENZO	NG/KG				168	6360
SD35 FURAN, 123678-HEXACHLORODIBENZO	NG/KG				109 U	1390
SD36 FURAN, 123789-HEXACHLORODIBENZO	NG/KG				109 U	112
SD37 FURAN, 234678-HEXACHLORODIBENZO	NG/KG				109 U	597
SD38 FURAN, 1234678-HEPTACHLORODIBENZO	NG/KG				163	4210
SD39 FURAN, 1234789-HEPTACHLORODIBENZO	NG/KG				109 U	1760
SD40 DIOXIN, 12378-PENTACHLORODIBENZO-P	NG/KG				109 U	105 U
SD41 DIOXIN, 123478-HEXACHLORODIBENZO-P	NG/KG				109 U	105 U
SD42 DIOXIN, 123678-HEXACHLORODIBENZO-P	NG/KG				109 U	116
SD43 DIOXIN, 123789-HEXACHLORODIBENZO-P	NG/KG				109 U	105 U
SD45 FURAN, 23478-PENTACHLORODIBENZO	NG/KG				201	5080
SM01 SILVER, TOTAL, BY ICAP	MG/KG		2.27 U	2.53 U		
SM02 ALUMINUM, TOTAL, BY ICAP	MG/KG		8660	8710		
SM04 BARIUM, TOTAL, BY ICAP	MG/KG		1940	243		
SM05 BERYLLIUM, TOTAL, BY ICAP	MG/KG		1.13 U	1.27 U		
SM06 CADMIUM, TOTAL, BY ICAP	MG/KG		12.8	3.32		
SM07 COBALT, TOTAL, BY ICAP	MG/KG		12.5	8.59		
SM08 CHROMIUM, TOTAL, BY ICAP	MG/KG		39.3	13.3		
SM09 COPPER, TOTAL, BY ICAP	MG/KG		162	18.7		

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 5-GZ1JJ VALIDATED DATA

COMPOUND	UNITS	032		033		034		047	048
SM10 IRON, TOTAL, BY ICAP	MG/KG			39200		15200			
SM11 MANGANESE, TOTAL, BY ICAP	MG/KG			735		1020			
SM12 MOLYBDENUM, TOTAL, BY ICAP	MG/KG			7.27		2.53	U		
SM13 NICKEL, TOTAL, BY ICAP	MG/KG			28.2		18.7			
SM15 ANTIMONY, TOTAL, BY ICAP	MG/KG			11.3	U	12.7	U		
SM17 TITANIUM, TOTAL, BY ICAP	MG/KG			480		341			
SM19 VANADIUM, TOTAL, BY ICAP	MG/KG			37.7		26.2			
SM20 ZINC, TOTAL, BY ICAP	MG/KG			2020		114			
SM21 CALCIUM, TOTAL, BY ICAP	MG/KG			32200		3350			
SM22 MAGNESIUM, TOTAL, BY ICAP	MG/KG			4440		1650			
SM23 SODIUM, TOTAL, BY ICAP	MG/KG			235		165			
SM24 POTASSIUM, TOTAL, BY ICAP	MG/KG			971		1210			
SM27 ARSENIC, TOTAL, BY AA	MG/KG			15.8		4.76			
SM30 LEAD, TOTAL, BY AA	MG/KG			INVALID	I	220			
SM32 SELENIUM, TOTAL, BY AA	MG/KG			1.13	U	1.29	U		
SM33 THALLIUM, TOTAL, BY AA	MG/KG			1.13	U	1.29	U		
SP17 PCB-AROCLOR 1016	UG/KG	355	K	42.3	K	37.9	K		
SP18 PCB-AROCLOR 1221	UG/KG	720	K	85.9	K	77.0	K		
SP19 PCB-AROCLOR 1232	UG/KG	355	K	42.3	K	37.9	K		
SP20 PCB-AROCLOR 1242	UG/KG	355	K	42.3	K	37.9	K		
SP21 PCB-AROCLOR 1248	UG/KG	355	K	176		37.9	K		
SP22 PCB-AROCLOR 1254	UG/KG	355	K	42.3	K	37.9	K		
SP23 PCB-AROCLOR 1260	UG/KG	52000		111		37.9	K		
ZZ01 SAMPLE NUMBER	NA	032		033		034		047	048
ZZ02 ACTIVITY CODE	NA	GZ1JJ		GZ1JJ		GZ1JJ		GZ1JJ	GZ1JJ

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 5-GZ1JJ VALIDATED DATA

COMPOUND	UNITS	049	050	051		
SD02 DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPI	NG/GM	0.0158	0.0102 U	0.0149		
SD04 DIOXIN, 2378-TCD-TOTAL EQUIVALENTS	UG/KG	1.06	0.0641	0.350		
SD10 DIOXIN, 1234678-HEPTACHLORODIBENZO-P-	NG/KG	1670	254	2380		
SD22 DIOXIN, OCTACHLORODIBENZO-P	NG/KG	15800	2030	26800		
SD23 FURAN, 2378-TETRACHLORODIBENZO	NG/KG	598	73.0	222		
SD31 FURAN, OCTACHLORODIBENZO	NG/KG	4970	356	3370		
SD32 FURAN, 12378-PENTACHLORODIBENZO	NG/KG	250	51.0 U	66.4		
SD34 FURAN, 123478-HEXACHLORODIBENZO	NG/KG	1800	76.0	880		
SD35 FURAN, 123678-HEXACHLORODIBENZO	NG/KG	370	51.0 U	182		
SD36 FURAN, 123789-HEXACHLORODIBENZO	NG/KG	51.5 U	51.0 U	56.8 U		
SD37 FURAN, 234678-HEXACHLORODIBENZO	NG/KG	167	51.0 U	119		
SD38 FURAN, 1234678-HEPTACHLORODIBENZO	NG/KG	1750	426	1240		
SD39 FURAN, 1234789-HEPTACHLORODIBENZO	NG/KG	560	51.0 U	327		
SD40 DIOXIN, 12378-PENTACHLORODIBENZO-P	NG/KG	51.5 U	51.0 U	56.8 U		
SD41 DIOXIN, 123478-HEXACHLORODIBENZO-P	NG/KG	51.5 U	51.0 U	56.8 U		
SD42 DIOXIN, 123678-HEXACHLORODIBENZO-P	NG/KG	84.2	51.0 U	86.7		
SD43 DIOXIN, 123789-HEXACHLORODIBENZO-P	NG/KG	60.3	51.0 U	90.7		
SD45 FURAN, 23478-PENTACHLORODIBENZO	NG/KG	1320	80.1	209		
ZZ01 SAMPLE NUMBER	NA	049	050	051		
ZZ02 ACTIVITY CODE	NA	GZ1JJ	GZ1JJ	GZ1JJ		

VALIDATED DATA

ACTIVITY GZ1JJ CARTER CARBURETOR

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

CIRCLE ONE: STORET AIRS ARCHIVE

FINAL DATA REPORT APPROVED BY PROJECT LEADER ON 08/14/95 14:08:34 BY Ron McCutcheon 8/14/95