PROJECT NAME: JANET TIRE
TDD NO: F3-8405-02

EPA SITE NO.:
REGION: III

ORIGINAL (Red)

QUALITY ASSURANCE REVIEW OF INORGANIC ANALYTICAL DATA PACKAGE

Case No.: 2737
Contract No.: 68-01-6881
Contract Laboratory: MEAD
Applicable IFB No.: WA83-A196
Reviewer: ANTHONY N. ENWEZE
Review Date: November 8th 1984

Applicable Sample No's.: MC1897, MC1898, MC1899, MC1900, and MC3225.

The inorganic analytical data for this case has been reviewed. The quality assurance evaluation is summarized in the following table:

Reviewer's Evaluation*	Fraction			
	TASK I ICP or AA METALS	TASK II FURNACE AA METALS	TASK II COLD VAPOR AA MERCURY	TASK III CYANIDE
Acceptable		✓	✓	✓
Acceptable with exception(s)	✓ [1] [2]			
Questionable				
Unacceptable				

* Definitions of the evaluation score categories are listed on next page.

This evaluation was based upon an analysis of the review items indicated below:

- ● DATA COMPLETENESS
- ● BLANK ANALYSIS RESULTS
- MATRIX SPIKE RESULTS
- ● DUPLICATE ANALYSIS RESULTS
- ○ STANDARD ADDITIONS RESULTS
- ● QUANTITATIVE CALCULATIONS
- ‡ ● INITIAL CALIBRATION VERIFICATION
- ‡ ● CONTINUING CALIBRATION VERIFICATION
- ‡ ● INTERFERENCE QC RESULTS
- ‡ ● DETECTION LIMITS RESULTS
- ‡ ● INSTRUMENT SENSITIVITY REPORTS

Data review forms are attached for each of the review items indicated above.

‡ No errors noted, no form attached.

◒ Spot Check performed.

Comments:

[1] See Blank Analysis Results

[2] See Duplicate Analysis Results

DATA EVALUATION SCORE CATEGORIES

ORIGINAL (Red)

ACCEPTABLE: Data is within established control limits, or the data which is outside established control limits does not affect the validity of the analytical results.

ACCEPTABLE WITH EXCEPTION(S): Data is not completely within established control limits. The deficiences are identified and specific data is still valid, given certain qualifications which are listed below.

QUESTIONABLE: Data is not within established control limits. The deficiences bring the validity of the entire data set into question. However, the data validity is neither proved nor disproved by the available information.

UNACCEPTABLE: Data is not within established control limits. The deficiences imply the results are not meaningful.

DATA COMPLETENESS	CONC./MATRIX	Co/Aq →		Co/Sol →												
	TRAFFIC REPORT # MC	1897	1899	1898	1900	3225										
	LAB I.D. # 268	37	42	43	48	49										
FIELD QC	BLANK		✓		✓											
	DUPLICATE	✓		✓												
	SPIKE	✓		✓												
TASK I: ICAP OR AA: METALS	RAW DATA	✓														
	TAB. RESULTS	✓														
	TAB. D.L.'s	✓														
	QA FORM	✓														
	ICAP INTER. QC	✓														
	INSTR. SENS.	✓														
TASK II: FURNACE AA: METALS	RAW DATA	✓														
	TAB. RESULTS	✓														
	TAB. D.L.'s	✓														
	QA FORM	✓														
	INSTR. SENS.	✓														
TASK II: COLD VAPOR AA: MERCURY	RAW DATA	✓														
	TAB. RESULTS	✓														
	TAB. D.L.'s	✓														
	QA FORM	✓														
	INSTR. SENS.	✓														
TASK III: CYANIDE	RAW DATA	✓														
	TAB. RESULTS	✓														
	TAB. D.L.'s	✓														
	QA FORM.	✓														
	INSTR. SENS.	✓														
OTHER (SPECIFY):	RAW DATA															
	TAB. RESULTS															
	TAB. D.L.'s															
	QA FORM															
	INSTR. SENS.															
OTHER (SPECIFY):	RAW DATA															
	TAB. RUSULTS															
	TAB. D.L.'s															
	QA FORM															
	INSTR. SENS.															

ORIGINAL (Red)

COMMENTS:

BLANK ANALYSIS RESULTS

Aq | Sol

ORIGINAL

TASK	TYPE	CONC	MATRIX	SAMPLE #	SOURCE OF H_2O	CONTAMINANTS (CONCENTRATION / DETECTION LIMIT)			
All	Field Blank		low/solid	MC1900 26848 Flame method	NUS	Selenium (0.4 ug/l)	2	2	0.1
						Arsenic (0.2 ug/l)	2	1	105
All	LAB Blank		low/Aqueous	Prep BLK ICP	MEAD	Barium (150 ug/l)	2	750	37.5
						Nickel (20 ug/l)	2	100	5
						Vanadium (10 ug/l)	2	50	2.5
						Aluminum (190 ug/l)	2	950	47.5
						Copper (30 ug/l)	2	150	7.5
All	LAB BLANK		low/solid	Prep BLK ICP	MEAD	Barium (60 ug/l)	2	300	15
						Nickel (20 ug/l)	2	100	5
						Aluminum (120 ug/l)	2	600	30
						Copper (30 ug/l)	2	150	7.5
All	Field Blank		low/Aqueous	MC1899 26842	NUS	Barium (40 ug/l)	2	200	10
						Nickel (20 ug/l)	2	100	5
						Aluminum (370 ug/l)	2	1850	92.5
						Copper (60 ug/l)	2	300	15
All	Field Blank		low/solid	MC1900 26848	NUS	Copper (20 ug/l)	2	100	5

LABORATORY REPORTED FIELD BLANK DATA IS COMPARED WITH THE SAMPLE DATA IN A TABULATION FORM WITHIN SAMPLE ANALYTICAL DATA SUMMARY.

COMMENTS:

(1) RESULT REPORTED BY LABORATORY AND CONFIRMED BY REVIEWER.

(2) RESULT INFERRED FROM RAW DATA

Note: Report results for aluminum, cobalt, iron, Nickel manganese, Arsenic, cadmium, and lead were from flame method — associated blanks were used for questions. The rest were by ICP method and associated blanks were used for questions.

BLANK ANALYSIS RESULTS

AQ | Sol

TASK	TYPE	CONC	MATRIX	SAMPLE #	SOURCE OF H_2O	CONTAMINANTS (CONCENTRATION / DETECTION LIMIT)			
All	LAB BLANK		low / Aqueous	Prep Blank	MEAD	Copper (30 ug/l)	2	150	7.5
						Manganese (90 ug/l)	2	450	23
						Iron (180 ug/l)	2	900	45
						Chromium (90 ug/l)	2	450	23
						Silver (20 ug/l)	2	100	5
				Flame method		Lead (.1 ug/l)	2	.5	.03
All	LAB Blank		low / Solid	Prep Blank	MEAD	manganese (30 ug/l)	2	150	7.5
						Nickel (30 ug/l)	2	150	7.5
						Iron (120 ug/l)	2	600	30
						Chromium (90 ug/l)	2	450	23
						Silver (10 ug/l)	2	50	2.5
				Flame method		Lead (1.6 ug/l)	2	8	0.4
						Cadmium (0.7 ug/l)		3.5	0.2
All	Field Blank		low / Aqueous	MC 1899 26842	NUS	Copper (40 ug/l)	2	200	10
						Manganese (60 ug/l)	2	300	15
						Iron (430 ug/l)	2	2150	108
						Chromium (120 ug/l)	2	600	30
						Silver (20 ug/l)	2	100	5
				Flame method		Lead (12 ug/l)	2	60	3
						Cadmium (0.7 ug/l)	2	3.5	0.2
All	Field Blank		low / Solid	MC 1900 26848	NUS	Manganese (70 ug/l)	2	350	18
						Nickel (20 ug/l)	2	100	5
						Iron (220 ug/l)	2	1100	55
						Chromium (120 ug/l)	2	600	30
						Silver (20 ug/l)	2	100	5
				Flame method		Lead (3 ug/l)	2	15	0.8
						Cadmium (.9 ug/l)	2	4.5	0.[illegible]

LABORATORY REPORTED FIELD BLANK DATA IS COMPARED WITH THE SAMPLE DATA IN A TABULATION FORM WITH SAMPLE ANALYTICAL DATA SUMMARY.

COMMENTS:

(1) RESULT REPORTED BY LABORATORY AND CONFIRMED BY REVIEWER.

(2) RESULT INFERRED FROM RAW DATA

- Blanks associated with either flame or ICP methods were used to question ~~results~~ reported from each method respectively.

MATRIX SPIKE RECOVERIES

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Sample No.	MC 1897	MC 1898				
Field Spike						
Lab Spike	✓	✓				
Matrix	Aqueous	Solid				
Conc. Level	low	low				
Method Std.	—	—				
Fraction	all	all				

All matrix spike recoveries were within the established control ranges specified in;
IFB ~~WA82-A072~~, Exhibit E, Table 2. ✓ Yes ___ No
WA83-A196

Exception(s):

Parameter	Accepted Range (%)	Actual % Rec.	Sample Number	Org. Result	Spike Added	Spike Result	Units

Comments: All recoveries are within specified range.

Duplicate Analysis Results

The applicable duplicate pairs are:

sample no.	MC1897	MC1898				
Field duplicate						
Lab duplicate	✓	✓				
sample level	low	low				
sample matrix	Aqueous	solid				
Fraction	all	all				

The relative percent difference (RPD) for each parameter group was evaluated. The duplicate analysis RPD acceptance criteria should be:

Fraction	maximum acceptable Percent Difference	
All Aqueous	20%	adopted for our review purposes.
All Sediments	40%	

The RPD's exceeding the maximum acceptable percent difference were:

	Fraction	Compound	Actual RPD	Sample	Comparison conc.	Comparison conc.
[1]	S	Chromium	50%	MC1897	30	50
[1]	S	Silver	63%	MC1898	0.5	0.96

Comments: [1] Reported results for chromium in sample MC1897 and Silver in sample MC1898 may not reflect the average concentration, even though they are qualified due to blank contamination.

Initial Calibration Verification and Continuing Calibration Verification

Documentation indicates calibrations were performed and checked every ten samples: Yes ✓ No ___

Exceptions: _____

Calibrations and verifications were all within the control limits specified in WA83 - A196 : Yes ✓ No ___

Outliers are listed below:

Parameter	Acceptable Range (%)	Calibration Identifier	% of True Value	Comments
				All Calibration met the ~~major~~ EPA requirement.

Interference QC Results

Documentation indicates interference QC samples were run before and after every ten samples: Yes ✓ No ___

Exceptions: _____

Interference QC results were all within the control limits specified in WA83 - A196 : Yes ✓ No ___

Exceptions:

Parameter	Acceptable Range (%)	Calibration Identifier	% of True Value	Comments
				See the following page for tabulation.

Q. C. Report No. _____

ICP INTERFERENCE CHECK SAMPLE

LAB NAME MEAD COMPUCHEM

DATE June 7 '84

CASE NO. 2737

Check Sample I.D. INTER CHECK

Check Sample Source ARS +

Units mg/L

Compound	Control Limits[3] Mean[1]	Control Limits[3] 2X Std. Dev.	True[2]	Initial Observed	Initial %R	Final Observed	Final %R
Metals:							
1. Aluminum			60000	55850	93	58670	98
2. Antimony							
3. Arsenic							
4. Barium			10000	9730	97	8910	89
5. Beryllium							
6. Cadmium							
7. Calcium							
8. Chromium							
9. Cobalt							[1]
10. Copper			10000	10290	103	12390	123 @
11. Iron							
12. Lead							
13. Magnesium							
14. Manganese							
15. Mercury							
16. Nickel							
17. Potassium							
18. Selenium							
19. Silver							
20. Sodium							
21. Thallium							
22. Tin							
23. Vanadium			10000	8980	90	9800	98
24. Zinc			10000	9430	94	8610	86

[1] Recovery not significant to affect data.

ORIGINAL
(Red)

Detection Limits Results

Detection limits were reported for all samples analyzed: Yes ✓ No ___

Exceptions: _____

Detection limits were less than or equal to the required detection limits specified in IFB WA83-A196. Yes ___ No ✓

Exceptions: Chromium and Silver Both were above the CRDL. This is because these metals were analyzed by flame AA instead of ICP. See Quantitative Calculations for actual detection limits.

Instrument Sensitivity Reports

Instrument sensitivity reports were documented for all parameters: Yes ✓ No ___

Comments: _____

Other Remarks Concerning this Case:

ICP and flame AA were both utilized for this analysis.

QUANTITATIVE CALCULATIONS

CALCULATION ERRORS AND CORRECTED RESULTS ARE LISTED BELOW:

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Certain elements had actual detection limits above the reported detection limit:

- Chromium (by Flame AA): $\frac{1500\ \mu g/L}{0.070\ abs.} = \frac{X\ DL}{0.004\ abs.}$

  ☆ actual det. limit for Cr no better than 86 µg/L aqueous, 4.3 mg/kg solid.

  Contract required d.l. is 10 µg/L, or 0.5 mg/kg. Lab claims instrument d.l. of 5

- Silver (by Flame AA): $\frac{1000\ \mu g/L}{0.125\ abs.} = \frac{X\ D.L.}{0.004\ abs.}$

  ☆ actual det. limit for Ag no better than 32 µg/L aqueous, 1.6 mg/kg solid

  Contract required d.l. is 10 µg/L aqueous, 0.5 mg/kg solid

  <Lab claimed instrument d.l. is 3 µg/L.>

- Beryllium – (by both ICP & Flame AA)

  Flame AA DL estimated as 26 ppb, required d.l. is 5 ppb. However, ICP det. limit should be O.K., but lab is only reporting in units to the nearest 10 ppb on their ICP. Thus, values greater than 5 ppb but less than 10 ppb would not be reported. Furthermore, values between 10 and 15 would be reported as 10 ppb. Both of these errors are of borderline significance to merit mentioning in QA Review Report. [Not mentioned.]

ORIGINAL
(Red)

APPENDIX D

P.O. Box 818, Alexandria, VA 22313 - 703/557-2490

Sample Number
C8469

ORIGINAL (Red)

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: Mead CompuChem
Lab Sample ID No.: 26820
Sample Matrix: Liquid
Data Release Authorized By: [signature]

Case Number: 2737
QC Report No.:
Contract No.: 68-01-6866
Date Sample Received: 5-9-84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 5-14-84
DATE ANALYZED: 5-18-84
PERCENT MOISTURE: N/A
CONC./DILUTION FACTOR: 2

PP#	CAS#		ug/l or ug/kg (circle one)
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U
	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U
(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(28B)	91-94-1	3,3'-dichlorobenzidine	20U
(35B)	121-14-2	2,4-dinitrotoluene	20U
(36B)	606-20-2	2,6-dinitrotoluene	10U
(37B)	122-66-7	1,2-diphenylhydrazine	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	10U
(43B)	111-91-1	bis-(2-chloroethoxy)methane	20U

PP#	CAS#		ug/l or ug/kg (circle one)
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(61B)	62-75-9	N-nitrosodimethylamine	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	LT ~~10U~~
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U
	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

SAMPLE NUMBER

C84[illegible] (Red)

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: CompuChem
Lab Sample ID No: 26820
Sample Matrix: Liquid
Data Release Authorized By: Paul Hart

Case Number 2737
QC Report No.
Contract No.: 68-01-6966
Date Sample Received: 5-9-84

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle)
DATE EXTRACTED/PREPARED: 5-9-84
DATE ANALYZED: 5-14-84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 1.00

PP#	CAS#		(ug/l) or ug/kg (circle one)
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	5U
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	5U
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	5U
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5U
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	5U
(32V)	78-87-5	1,2-dichloropropane	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene	5U
(44V)	75-09-2	methylene chloride	5U
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5U
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene	5U
(87V)	79-01-6	trichloroethene	5U
(88V)	75-01-4	vinyl chloride	5U
	67-64-1	acetone	100U
	78-93-3	2-butanone	200U
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	100U
	100-42-5	styrene	5U
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene	5U

PESTICIDES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 5-9-84
DATE ANALYZED: 5-11-84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 1

PP#	CAS#		(ug/l) or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.1U
(90P)	60-57-1	dieldrin	0.1U
(91P)	57-74-9	chlordane	0.1U
(92P)	50-29-3	4,4'-DDT	0.1U
(93P)	72-55-9	4,4'-DDE	0.1U
(94P)	72-54-8	4,4'-DDD	0.1U
(95P)	115-29-7	endosulfan I	0.1U
(96P)	115-29-7	endosulfan II	0.1U
(97P)	1031-07-8	endosulfan sulfate	0.1U
(98P)	78-20-8	endrin	0.1U
(99P)	7421-43-4	endrin aldehyde	0.1U
(100P)	76-44-8	heptachlor	0.1U
(101P)	1024-57-3	heptachlor epoxide	0.1U
(102P)	319-84-6	BHC-Alpha	0.1U
(103P)	319-85-7	BHC-Beta	0.1U
(104P)	319-86-8	BHC-Delta	0.1U
(105P)	58-89-9	BHC-Gamma	0.1U
(106P)	53469-21-9	PCB-1242	0.1U
(107P)	11097-69-7	PCB-1254	0.1U
(108P)	11104-28-2	PCB-1221	0.1U
(109P)	11141-16-5	PCB-1232	0.1U
(110P)	12672-29-6	PCB-1248	0.1U
(111P)	11096-82-5	PCB-1260	0.1U
(112P)	12674-11-2	PCB-1016	0.1U
(113P)	8001-35-2	toxaphene	0.1U

DIOXINS

CONCENTRATION: (LOW) MEDIUM HIGH (circle)
DATE EXTRACTED/PREPARED:
DATE ANALYZED: Not Requested
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

			(ug/l) or ug/kg (circle on
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.004

P.O. Box 818, Alexandria, VA 22313 - 703/557-2490

Sample Number
C8470
ORIGINAL
(Red)

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: Mead CompuChem
Lab Sample ID No.: 26828
Sample Matrix: Solid
Data Release Authorized By: Paul Mintz

Case Number: 2737
QC Report No.:
Contract No.: 68-01-6866
Date Sample Received: 5-9-84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6-1-84 Dilution Extraction Sulfur
DATE ANALYZED: 6-14-84
PERCENT MOISTURE: 1.71 Factor = 4290
CONC./DILUTION FACTOR: 84.8

PP#	CAS#		ug/l or ug/kg (circle one)
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U
	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U
1B)	83-32-9	acenaphthene	10U
5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(28B)	91-94-1	3,3'-dichlorobenzidine	20U
(35B)	121-14-2	2,4-dinitrotoluene	20U
(36B)	606-20-2	2,6-dinitrotoluene	20U
(37B)	122-66-7	1,2-diphenylhydrazine	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	111-91-1	bis-(2-chloroethoxy)methane	20U

PP#	CAS#		ug/l or ug/kg (circle one)
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(61B)	62-75-9	N-nitrosodimethylamine	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U
	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

SAMPLE NUMBER

C8470 ORIGINAL

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: CompuChem
Lab Sample ID No: 26828
Sample Matrix: Solid
Data Release Authorized By:

Case Number 2737
QC Report No.
Contract No.: 68-01-6866
Date Sample Received: 5-9-84

VOLATILES

ORIGINAL RUN 5/9/84, RERUN 6/6/84 due to low int. stds.

CONCENTRATION: LOW MEDIUM HIGH (circle)
DATE EXTRACTED/PREPARED: 6-6-84
DATE ANALYZED: 6-8-84
PERCENT MOISTURE: 1.71 FACTOR = 42%
CONC./DILUTION FACTOR: 1.68

PP#	CAS#		ug/l or ug/kg (circle one)
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride	68 ~~2.5U~~
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U
	67-64-1	acetone	50U
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 5-18-84
DATE ANALYZED: 5-24-84
PERCENT MOISTURE: 1.71 FACTOR = 42%
CONC./DILUTION FACTOR: 1.7

PP#	CAS#		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260	4.0U
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle)
DATE EXTRACTED/PREPARED: 5-16-84
DATE ANALYZED: 5-24-84
PERCENT MOISTURE: 1.71 FACTOR = 42%
CONC./DILUTION FACTOR: 1.7

			ug/g or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

U.S. ENVIRONMENTAL PROTECTION AGENCY-CLP Sample Management Office
P.O. Box 818, Alexandria, VA 22313 - 703/557-2490

Sample Number
C8471

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: Mead CompuChem
Lab Sample ID No.: 26827
Sample Matrix: Liquid
Data Release Authorized By: [illegible]

Case Number: 2737
QC Report No.:
Contract No.: 68-01-6866
Date Sample Received: 5-9-84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 5-14-84
DATE ANALYZED: 5-18-84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 2/19

PP#	CAS#		ug/l ~~or ug/kg~~ (circle one)
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U
	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U
(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(28B)	91-94-1	3,3'-dichlorobenzidine	20U
(35B)	121-14-2	2,4-dinitrotoluene	20U
(36B)	606-20-2	2,6-dinitrotoluene	10U
(37B)	122-66-7	1,2-diphenylhydrazine	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	10U
(43B)	111-91-1	bis-(2-chloroethoxy)methane	20U

PP#	CAS#		ug/l ~~or ug/kg~~ (circle one)
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(61B)	62-75-9	N-nitrosodimethylamine	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	LT ~~10U~~
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U
	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

U.S. ENVIRONMENTAL PROTECTION AGENCY-CLP Sample Management Office
P.O. Box 818, Alexandria, VA 22313 - 703/557-2490

Sample Number: C8471

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: Mead CompuChem
Lab Sample ID No.: 26827R
Sample Matrix: Liquid
Data Release Authorized By: Paul Mill

Case Number: 2737
QC Report No.:
Contract No.: 68-01-6866
Date Sample Received: 5-9-84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 5-31-84
DATE ANALYZED: 6-1-84
PERCENT MOISTURE: NS
CONC./DILUTION FACTOR: 2.00

PP#	CAS#		ug/l or ug/kg (circle one)
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U
	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U
(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(28B)	91-94-1	3,3'-dichlorobenzidine	20U
(35B)	121-14-2	2,4-dinitrotoluene	20U
(36B)	606-20-2	2,6-dinitrotoluene	10U
(37B)	122-66-7	1,2-diphenylhydrazine	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	10U
(43B)	111-91-1	bis-(2-chloroethoxy)methane	20U

PP#	CAS#		ug/l or ug/kg (circle one)
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(61B)	62-75-9	N-nitrosodimethylamine	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U
	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

SAMPLE NUMBER

C8471 (Reg)

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: CompuChem
Lab Sample ID No: 2687
Sample Matrix: Liquid
Data Release Authorized By:

Case Number 2737
QC Report No.
Contract No.: 68-01-6866
Date Sample Received: 5-9-84

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle)
DATE EXTRACTED/PREPARED: 5-9-84
DATE ANALYZED: 5-14-84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 1.00

PP#	CAS#		(ug/l) or ug/kg (circle one)
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	5U
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	5U
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	5U
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5U
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	5U
(32V)	78-87-5	1,2-dichloropropane	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene	5U
(44V)	75-09-2	methylene chloride	5U
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5U
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene	5U
(87V)	79-01-6	trichloroethene	5U
(88V)	75-01-4	vinyl chloride	5U
	67-64-1	acetone	100U
	78-93-3	2-butanone	200U
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	100U
	100-42-5	styrene	5U
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene	5U

PESTICIDES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 5-9-84
DATE ANALYZED: 5-11-84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 1

PP#	CAS#		(ug/l) or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.1U
(90P)	60-57-1	dieldrin	0.1U
(91P)	57-74-9	chlordane	0.1U
(92P)	50-29-3	4,4'-DDT	0.1U
(93P)	72-55-9	4,4'-DDE	0.1U
(94P)	72-54-8	4,4'-DDD	0.1U
(95P)	115-29-7	endosulfan I	0.1U
(96P)	115-29-7	endosulfan II	0.1U
(97P)	1031-07-8	endosulfan sulfate	0.1U
(98P)	78-20-8	endrin	0.1U
(99P)	7421-43-4	endrin aldehyde	0.1U
(100P)	76-44-8	heptachlor	0.1U
(101P)	1024-57-3	heptachlor epoxide	0.1U
(102P)	319-84-6	BHC-Alpha	0.1U
(103P)	319-85-7	BHC-Beta	0.1U
(104P)	319-86-8	BHC-Delta	0.1U
(105P)	58-89-9	BHC-Gamma	0.1U
(106P)	53469-21-9	PCB-1242	0.1U
(107P)	11097-69-7	PCB-1254	0.1U
(108P)	11104-28-2	PCB-1221	0.1U
(109P)	11141-16-5	PCB-1232	0.1U
(110P)	12672-29-6	PCB-1248	0.1U
(111P)	11096-82-5	PCB-1260	0.1U
(112P)	12674-11-2	PCB-1016	0.1U
(113P)	8001-35-2	toxaphene	0.1U

DIOXINS

CONCENTRATION: (LOW) MEDIUM HIGH (circle)
DATE EXTRACTED/PREPARED:
DATE ANALYZED: not Requested
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

			(ug/l) or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.004U

U.S. ENVIRONMENTAL PROTECTION AGENCY-CLP Sample Management Office
P.O. Box 818, Alexandria, VA 22313 - 703/557-2490

Sample Number
C8422 ORIGINAL (Red)

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: Mead CompuChem
Lab Sample ID No.: 26535
Sample Matrix: Solid
Data Release Authorized By: [signature]

Case Number: 2737
QC Report No.:
Contract No.: 68-01-6866
Date Sample Received: 5-9-84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 5-11-84
DATE ANALYZED: 5-29-84
PERCENT MOISTURE: EPA BLANK
CONC./DILUTION FACTOR: 40

PP#	CAS#		ug/l or ug/kg (circle one)
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U
	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U
(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(28B)	91-94-1	3,3'-dichlorobenzidine	20U
(35B)	121-14-2	2,4-dinitrotoluene	20U
(36B)	606-20-2	2,6-dinitrotoluene	20U
(37B)	122-66-7	1,2-diphenylhydrazine	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	111-91-1	bis-(2-chloroethoxy)methane	20U

PP#	CAS#		ug/l or ug/kg (circle one)
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(61B)	62-75-9	N-nitrosodimethylamine	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	320U ~~10U~~
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate LI	~~10U~~
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U
	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

SAMPLE NUMBER
ORIGINAL (Red)
C8 472

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: CompuChem
Lab Sample ID No: 26835
Sample Matrix: Solid
Data Release Authorized By: [illegible]

Case Number 2737
QC Report No.
Contract No.: 68 01 6866
Date Sample Received: 5-9-84

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle)
DATE EXTRACTED/PREPARED: 5-9-84
DATE ANALYZED: 5-16-84
PERCENT MOISTURE: EPA BLANK
CONC./DILUTION FACTOR: 1.00

PP#	CAS#		ug/l or ug/kg (circle one)
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride	15 ~~2.5U~~
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	42 ~~2.5U~~
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U
	67-64-1	acetone	50U
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

PESTICIDES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 5-18-84
DATE ANALYZED: 5-21-84
PERCENT MOISTURE: EPA BLANK
CONC./DILUTION FACTOR: 1

PP#	CAS#		ug/l or ug/kg (circle on
(89P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260	4.0U
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

CONCENTRATION: (LOW) MEDIUM HIGH (circle)
DATE EXTRACTED/PREPARED: 5-14-84
DATE ANALYZED: 5-24-84
PERCENT MOISTURE: EPA BLANK
CONC./DILUTION FACTOR: 1

			ug/g or ug/k (circle o
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16

U.S. ENVIRONMENTAL PROTECTION AGENCY-CLP Sample Management Office
P.O. Box 818, Alexandria, VA 22313 - 703/557-2490

Sample Number
C8473
ORIGINAL (Red)

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: Mead CompuChem
Lab Sample ID No.: 26836
Sample Matrix: Solid
Data Release Authorized By: [illegible]

Case Number: 2737
QC Report No.:
Contract No.: 68-01-6866
Date Sample Received: 5-9-84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 5-11-84
DATE ANALYZED: 5-30-84
PERCENT MOISTURE: 1.85 FACTOR=46%
CONC./DILUTION FACTOR: 74

PP#	CAS#		ug/l or ug/kg (circle one)
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U
	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U
(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(28B)	91-94-1	3,3'-dichlorobenzidine	20U
(35B)	121-14-2	2,4-dinitrotoluene	20U
(36B)	606-20-2	2,6-dinitrotoluene	20U
(37B)	122-66-7	1,2-diphenylhydrazine	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	111-91-1	bis-(2-chloroethoxy)methane	20U

PP#	CAS#		ug/l or ug/kg (circle one)
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(61B)	62-75-9	N-nitrosodimethylamine	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U
	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

SAMPLE NUMBER
ORIGINAL (Red)
C8473

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: CompuChem
Lab Sample ID No: 26836
Sample Matrix: Solid
Data Release Authorized By: Paul Wing

Case Number 2737
QC Report No.
Contract No.: 68-01-6866
Date Sample Received:

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle)
DATE EXTRACTED/PREPARED: 5-9-84
DATE ANALYZED: 5-16-84
PERCENT MOISTURE: 1.85 FACTOR = 46%
CONC./DILUTION FACTOR: 1.70

PP#	CAS#		ug/l or ug/kg (circle one)
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride	2.5U
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U
	67-64-1	acetone	50U
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

PESTICIDES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 5-18-84
DATE ANALYZED: 5-21-84
PERCENT MOISTURE: 1.85 FACTOR = 46%
CONC./DILUTION FACTOR: 1.85

PP#	CAS#		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260	4.0U
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

CONCENTRATION: (LOW) MEDIUM HIGH (circle)
DATE EXTRACTED/PREPARED: 5-11-84
DATE ANALYZED: 5-24-84
PERCENT MOISTURE: 1.85 FACTOR = 46%
CONC./DILUTION FACTOR: 1.85

			ug/g or ug/k (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 1897

Date June 7 '84

INORGANIC ANALYSIS DATA SHEET

LAB NAME MEAD COMPUCHEM

CASE NO. 2737

LAB SAMPLE ID. NO. 26837

QC REPORT NO.

Matrix Liquid

Elements Identified and Measured

(ug/l) or mg/kg (Circle One)

1.	Aluminum	5600	13.	Magnesium	NR
2.	Antimony	<20	14.	Manganese	7400 c
3.	Arsenic	[5.5]	15.	Mercury	<0.2
4.	Barium	<100 c	16.	Nickel	<40
5.	Beryllium	<5	17.	Potassium	NR
6.	Cadmium	2.8	18.	Selenium	<2
7.	Calcium	NR	19.	Silver	<10 c
8.	Chromium	30 c	20.	Sodium	NR
9.	Cobalt	<50	21.	Thallium	<10
10.	Copper	<50	22.	Tin	<20
11.	Iron	18000 c	23.	Vanadium	<200
12.	Lead	21	24.	Zinc	290
Cyanide		<10	Percent Solids		NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments:

Lab Manager [signature]

Form I

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703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 1897

Date June 7 '84

INORGANIC ANALYSIS DATA SHEET

LAB NAME MEAD COMPUCHEM

CASE NO. 2737

LAB SAMPLE ID. NO. 26839*

QC REPORT NO.

Matrix Liquid

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum	6800	13.	Magnesium	NR
2.	Antimony	<20	14.	Manganese	7900[c]
3.	Arsenic	[4.9]	15.	Mercury	<0.2
4.	Barium	<100[c]	16.	Nickel	<40
5.	Beryllium	5	17.	Potassium	NR
6.	Cadmium	3.3	18.	Selenium	<2
7.	Calcium	NR	19.	Silver	<10[c]
8.	Chromium	50[c]	20.	Sodium	NR
9.	Cobalt	<50	21.	Thallium	<10
10.	Copper	<50	22.	Tin	<20
11.	Iron	19000[c] ~~16~~ ADS	23.	Vanadium	<200
12.	Lead	16	24.	Zinc	250
	Cyanide	<10		Percent Solids	NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: *This sample is a duplicate of 26837

Lab Manager [signature]

Form I

ORIGINAL (Red)

MC 1898

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. ADS ~~MC 1898~~

Date June 7'84

INORGANIC ANALYSIS DATA SHEET

LAB NAME MEAD COMPUCHEM

CASE NO. 2737

LAB SAMPLE ID. NO. 26843

QC REPORT NO.

Matrix Solid

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum	5160	13.	Magnesium	NR
2.	Antimony	<1	14.	Manganese	330
3.	Arsenic	3.91	15.	Mercury	<0.01 c ~~<0.2~~ ADS
4.	Barium	44 c ~~38~~ ADS ~~38~~ ADS	16.	Nickel	10
5.	Beryllium	<0.25	17.	Potassium	NR
6.	Cadmium	1.33	18.	Selenium	<0.1
7.	Calcium	NR	19.	Silver	0.5 c ~~<0.5~~ ADS
8.	Chromium	4.8 c ~~8.6~~ ADS	20.	Sodium	NR
9.	Cobalt	3.33	21.	Thallium	<0.5 ~~<10~~ ADS
10.	Copper	23 ~~22~~ ADS	22.	Tin	<1 ~~<20~~ ADS
11.	Iron	9300 c	23.	Vanadium	11
12.	Lead	47	24.	Zinc	100
	Cyanide	<0.5 ~~<10~~ ADS		Percent Solids	NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments:

Lab Manager [signature]

Form I

ORIGINAL (Red)

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 1898

Date June 7'84

INORGANIC ANALYSIS DATA SHEET

LAB NAME MEAD COMPUCHEM

CASE NO. 2737

LAB SAMPLE ID. NO. 26845*

QC REPORT NO.

Matrix Solid

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum	4500	13.	Magnesium	NR
2.	Antimony	<1	14.	Manganese	380 ~~<5~~ ADS
3.	Arsenic	4.20	15.	Mercury	<0.01 c
4.	Barium	40	16.	Nickel	9.1
5.	Beryllium	<0.25	17.	Potassium	NR
6.	Cadmium	1.73	18.	Selenium	<0.1
7.	Calcium	NR	19.	Silver	0.96 c
8.	Chromium	7.68 c ~~11.5~~ ADS	20.	Sodium	NR
9.	Cobalt	4.8	21.	Thallium	<0.5
10.	Copper	22 ~~15~~ ADS	22.	Tin	<1
11.	Iron	8800	23.	Vanadium	9.1
12.	Lead	44	24.	Zinc	98
	Cyanide	<0.5		Percent Solids	NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: * This sample is a duplicate of 26843

Lab Manager [signature]

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
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703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 1899

Date June 7 '84

INORGANIC ANALYSIS DATA SHEET

LAB NAME MEAD COMPUCHEM CASE NO. 2737

LAB SAMPLE ID. NO. 26842 QC REPORT NO. _____

Matrix Liquid

Elements Identified and Measured

ug/l or mg/kg (Circle One)

1.	Aluminum	320	13.	Magnesium	NR
2.	Antimony	< 20	14.	Manganese	< 10 c
3.	Arsenic	< 10	15.	Mercury	< 0.2
4.	Barium	< 100 c	16.	Nickel	< 40
5.	Beryllium	< 5	17.	Potassium	NR
6.	Cadmium	[0.7]	18.	Selenium	< 2 ~~< 2~~ SRS
7.	Calcium	NR	19.	Silver	< 10 c
8.	Chromium	20 c ~~20 c~~ ADS	20.	Sodium	NR
9.	Cobalt	< 50	21.	Thallium	< 10
10.	Copper	< 50 ~~50~~ ADS	22.	Tin	64
11.	Iron	250 c	23.	Vanadium	< 200
12.	Lead	12	24.	Zinc	< 10
	Cyanide	< 10		Percent Solids	NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager [signature]

Form I

U.S. EPA Contract Laboratory Program
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703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 1900

Date June 7 '84

INORGANIC ANALYSIS DATA SHEET

LAB NAME MEAD COMPUCHEM

CASE NO. 2737

LAB SAMPLE ID. NO. 26848*

QC REPORT NO.

Matrix Solid

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum	<10	13.	Magnesium	NR
2.	Antimony	<1	14.	Manganese	2.9
3.	Arsenic	<0.5	15.	Mercury	<0.01[c]
4.	Barium	<5	16.	Nickel	<2
5.	Beryllium	<0.25	17.	Potassium	NR
6.	Cadmium	<0.05	18.	Selenium	<0.1
7.	Calcium	NR	19.	Silver	<0.5[c]
8.	Chromium	<0.5[c]	20.	Sodium	NR
9.	Cobalt	1.4 ~~<2.5~~ ADS	21.	Thallium	<0.5
10.	Copper	<2.5 ~~<2~~ ADS	22.	Tin	<1
11.	Iron	<2.5[c]	23.	Vanadium	<10
12.	Lead	<0.25	24.	Zinc	<0.5
	Cyanide	<0.5		Percent Solids	NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: * This sample is an EPA designated blank

Lab Manager [signature]

Form I

ORIGINAL (Red)

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. MC 3225

Date June 7 '84

INORGANIC ANALYSIS DATA SHEET

LAB NAME MEAD COMPUCHEM

CASE NO. 2737

LAB SAMPLE ID. NO. 26849

QC REPORT NO.

Matrix Solid

Elements Identified and Measured

ug/L or mg/kg (Circle One)

1.	Aluminum		5300	13. Magnesium	NR
2.	Antimony		<1	14. Manganese	370
3.	Arsenic		2.81	15. Mercury	<0.01 c
4.	Barium		42	16. Nickel	13
5.	Beryllium		<0.25	17. Potassium	NR
6.	Cadmium	0.15	~~<0.05~~ ADS	18. Selenium	<0.1
7.	Calcium	NR		19. Silver	0.98 c
8.	Chromium		7.4 c	20. Sodium	NR
9.	Cobalt		5	21. Thallium	<0.5
10.	Copper	12	~~9.5~~ ADS	22. Tin	<1
11.	Iron		11000 c	23. Vanadium	12
12.	Lead		17	24. Zinc	23
	Cyanide		<0.5	Percent Solids	NR

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments:

Lab Manager [signature]

Form I

NUS CORPORATION
992 OLD EAGLE SCHOOL ROAD
SUITE 916
WAYNE, PENNSYLVANIA 19087
(215) 687-9510

ORIGINAL
(Red)

PA-1007

May 2, 1984
C-585-5-4-03
68-01-6699

Mr. Harold Byer
U.S. Environmental Protection Agency
Sixth and Walnut Streets
Philadelphia, PA 19106

Subject: Sampling Plan
TDD No. F3-8405-02
EPA No. PA 1007
Janet Tire
Lock Haven, PA

Dear Mr. Byer:

The site inspection for the above subject site is scheduled for Wednesday May 9, 1984. Access to Janet Tire has been granted by the site owner Mr. Robert Janet through EPA. A representative from PA DER will accompany FIT III during the inspection.

Concern at the site is based on a citizen's complaint of a dump on the property. The site was orginally, a low lying area with poor drainage. Fill material and waste (types unknown) were selectively deposited during the early 1970's, so that a pump station, power transformer, and a tire business could be constructed.

Based on a review of available data the folowing sample locations are proposed:

- Drainage swales (if they exists) aqueous and sediment. If dry, then only one sediment will be taken. One to two sampling points.

- Drainage ditch running parallel to Pennsylvania Railroad tracks may discharge into the Bald Eagle Creek. If water is present in sufficient quantities aqueous and sediment samples will be taken. If dry, then only soil/sediment samples will be taken.

- Additional sample locations may be selected according to field judgement.

In summary the number of aqueous and soil/sediment samples including a blank and a duplicate will be 4-8. Analysis will consist of the standard organic test and inorganic tasks 1, 2, and 3 for cyanide.

ORIGINAL
(Red)

PA-1007

RECORD OF PHONE CONVERSATION:

CASE Janet Tire DATE May 1.84

PERSON CALLED/ ~~CALLING~~ Robert Janet PHONE NO. 717-748-6081

TO BE DISCUSSED: Permission to enter to Janet Tire and making site investigation incl sampling

DISCUSSION: I called Mr. Janet upon learning that he is not permitting the NUS to enter to his property and Joe Melvin advised me to contact the owner.

Mr. Janet responded to me rather pleasantly and raised no objection. He only requested that the visitors should introduce themselves and show their I.D.s.

FURTHER ACTION: I agreed w/ him. The inspectors (incl. PaDER inspectors) will introduce themselves NUS is informed immidiately.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region III - 6th & Walnut Sts.
Philadelphia, Pa. 19106

ORIGINAL (Red)

SUBJECT: Request Assistance from FIT Office

DATE: April 25 '84

FROM: Yener Soylemez
Site Investigation and Support Section(3HW23)

TO: Butch Byer, FIT Coordinator
Site Investigation and Support Section(3HW23)

THRU: Edmund Skernolis, Chief
Site Investigation and
Support Section (3HW23)

I. SITE NAME: JANET TIRE (PA-1007) DSN

II. LOCATION: BALD EAGLE TWP
PENNSYLVANIA (CLINTON Co.)

III. WORK ASSIGNMENT:

____	Preliminary Assessment	____	Quality Assurance Review of Data
✓	Site Inspection	____	Re-Sampling/Full Field Investigation
____	Hazard Ranking System	____	Peer Review Corrections
____	Toxicology Assessment	____	Other (See VI below)

IV. PRIORITY:

X High(*) ____ Medium ____ Low

V. Preferred Deadline:

Date: Site Trip May '84
Final Report Oct '84
HRS Oct '84

VI. EXPLANATION OF TASK (* To include justification for high priority):

Janet Tire coupled with Ames L.F. is considered as one of the highly hazardous site group in Clinton Co.

Please refer to enclosed TDD proposal for details.

VII. To be completed by FIT Coordinator only:

Task complete date by FIT: .....

Hours allocated: .....

Subject A TDD PROPOSAL

ORIGINAL (Red)

1. COST CENTER:	REM/FIT ZONE CONTRACT TECHNICAL DIRECTIVE DOCUMENT (TDD) PROPOSAL	2. NO.
ACCOUNT NO.:		

3. PRIORITY:	4. ESTIMATE OF TECHNICAL HOURS:	5. EPA SITE ID:	6. COMPLETION DATE:	7. REFERENCE INFO.:
[X] HIGH		PA-1007 PAD-01-434-6175		[ ] YES [ ] NO
[ ] MEDIUM	4A. ESTIMATE OF SUBCONTRACT COST:	5A. EPA SITE NAME:		[ ] ATTACHED
[ ] LOW				[ ] PICK UP

8. GENERAL TASK DESCRIPTION: CONDUCT A SITE INVESTIGATION CONSISTING OF SITE VISIT, SAMPLING, HYDROGEOLOGICAL STUDY, LAB ANALYSIS EVALUATION, QA/QC, TOXICOLOGICAL ASSESSMENT + HRS

9. SPECIFIC ELEMENTS:	10. INTERIM DEADLINES.
1. CONDUCTING SITE INVESTIGATION AS STATED ABOVE	MAY '84
2. FORWARDING THE SAMPLES TO A CONTRACT LAB	MAY '84
3. EVALUATING LAB RESULTS, QA/QC, MAKING A TOXICOLOGICAL ASSESSMENT AND RECOMMENDATIONS	JUL '84
4. SUBMISSION A DRAFT REPORT	AUG '84
5. SUBMISSION A FINAL REPORT	OCT '84
6. SUBMISSION A HRS REPORT ~~IF NEEDED~~	OCT '84

11. DESIRED REPORT FORM: FORMAL REPORT [X] LETTER REPORT [ ] FORMAL BRIEFING [ ]

OTHER (SPECIFY): A. FIT SHOULD CONTACT YENER SOYLEMEZ OF EPA AND DICK BITTLE OF PADER-REGION BEFORE IMPLEMENTATION OF SAMPLING PLAN AND GAIN APPROVAL B. NO CHANGES BE MADE ON ABOVE ITEMS WITHOUT APPROVAL OF YENER SOYLEMEZ.

12. COMMENTS:

13. AUTHORIZING RPO: 4/25/84 (SIGNATURE)

14. DATE.

15. RECEIVED BY: [ ] ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS [ ] REJECTED (CONTRACTOR RPM SIGNATURE)

16. DATE

ORIGINAL
(Red)

FIELD TRIP SUMMARY REPORT

This summary should be prepared in conjunction with the Preliminary Assessment Form, (EPA Form T2070-2), so that a proper site rating can be assigned.

Name of Site JANET TIRES

EPA Case Number PA 1007

I. If site is active, has owner/operator notified EPA in accordance with Section 3010 of RCRA. Yes_____ No_____ * INACTIVE

If Yes: a) Note EPA I.D. No. PAD 014 346 175

b) Is the site a generator, storer, treater or disposer of hazardous waste? (CIRCLE ONE). * INACTIVE

II. If the answers submitted in Part VI (Hazard Description) of EPA Form T2070-2 or observations warrant a more thorough site investigation/sampling, please attach a sketch map showing those areas of concern. (i.e.: lagoons, leachate seeps, drum storage, monitoring wells, etc.).

III. Please list site contacts and accompanying inspectors; include name, title and phone numbers. BOB JANET OWNER JANET TIRES PHONE (717) 748-6081

NO ONE ACCOMPANIED ME ON MY SITE INSPECTIONS

IV. Site observations: (attach a topo map).

A. Population within 1000 ft. of the site is (CHECK ONE)

1. 0-10 people
2. 10-100 people
3. greater than 100 people

B. List surrounding land use: (woodlot, agricultrual, playground, industrial,et

North: RESIDENTIAL INDUSTRIAL

South: COMMERCIAL RESIDENTIAL

East: COMMERCIAL INDUSTRIAL

West: COMMERCIAL

ORIGINAL (Red)

C. Water supply for area. (CHECK ONE)

1. Surface intakes (locate on attached map) APPROXIMATELY 4 MILES FROM SITE
2. Municipal wells (locate on attached map)
3. Domestic wells:

a. Approximate number within ½ mile. 0

b. Locate a minimum of 3 wells on attached map and list below:

Property owner			
Address			
Phone No.			
Well records	YES___ NO___	YES___ NO___	YES___ NO___
Odor problems	YES___ NO___	YES___ NO___	YES___ NO___
Taste problems	YES___ NO___	YES___ NO___	YES___ NO___

c. If odor or taste problems are reported please elaborate:

D. Are surface or subsurface, (leachate), drainage areas from site apparent? YES___ NO X. If yes:

1. Were unusual odors or stains noted? YES___ NO___
2. Was stressed vegetation noted? YES___ NO___

a. If yes please note area on map.

E. Are streams or receiving waters adjacent to site? YES X NO___
If yes, list observations: (i.e.-change in benthic community, change in plant density/diversity, change in color, siltation, etc.).

ADJACENT TO BALD EAGLE CREEK.

F. Site topography: (i.e.-plateau, strip mine ravines, etc.). SITE IS A LOW AREA THAT HAS BEEN FILLED IN PARTS,

G. Other observations: (i.e.-erosion, located in flood plain, etc.).

SITE IS ON THE FLOOD PLAIN

ORIGINAL

FIELD TRIP SUMMARY REPORT

V. Were photographs taken? YES ____ NO X
If yes: Who has custody of photos?

Name: _____

Agency: _____

Phone No.: _____

VI. Is a hydrogeological survey for this site attached? YES ____ NO X
If no, Section III D of EPA Form T2070-2 must be completed.

II. Please attach pertinent copies of reports or data reviewed by inspector: (i.e.-State monitoring data, consultant reports, etc.).

VIII. Name of Inspector: GEORGE M. POLANSKY

Agency: DEPARTMENT OF ENVIRONMENTAL RESOURCES

Phone No.: (717) 327 - 3429

Time on Site: 11-1-83 4-2-82

Weather Conditions: COOL AND CLEAR WARM AND CLEAR

ORIGINAL (Red)

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION: III

SITE NUMBER (to be assigned by HQ): PA-1007

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (*Preliminary Assessment*). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (*EN-335*), 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME: JANET TIRES

B. STREET (*or other identifier*): 136 HOGAN BLVD (ROUTE 150)

C. CITY: LOCK HAVEN

D. STATE: PA.

E. ZIP CODE: 17745

F. COUNTY NAME: CLINTON

G. OWNER/OPERATOR (*if known*)
1. NAME: BOB JANET
2. TELEPHONE NUMBER: (717) 748 6081

H. TYPE OF OWNERSHIP
☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

SITE DESCRIPTION

SITE IS A LOW AREA THAT HAS BEEN SELECTIVELY FILLED.

J. HOW IDENTIFIED (*i.e., citizen's complaints, OSHA citations, etc.*): CITIZEN'S COMPLAINTS

K. DATE IDENTIFIED (*mo., day, & yr.*): 9 83

L. PRINCIPAL STATE CONTACT
1. NAME: FRANCIS J. BERTOVICH
2. TELEPHONE NUMBER: (717) 327-3569

II. PRELIMINARY ASSESSMENT (*complete this section last*)

A. APPARENT SERIOUSNESS OF PROBLEM
☐ 1. HIGH ☒ 2. MEDIUM ☐ 3. LOW ☐ 4. NONE ☐ 5. UNKNOWN

B. RECOMMENDATION
☐ 1. NO ACTION NEEDED (*no hazard*)
☐ 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:
b. WILL BE PERFORMED BY:
☐ 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:
b. WILL BE PERFORMED BY: STATE AND EPA
☐ 4. SITE INSPECTION NEEDED (*low priority*)

C. PREPARER INFORMATION
1. NAME: GEORGE M. POLANSKY
2. TELEPHONE NUMBER: 717 327 3929
3. DATE (*mo., day, & yr.*): 4-26-84

III. SITE INFORMATION

A. SITE STATUS
☐ 1. ACTIVE (*Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.*)
☒ 2. INACTIVE (*Those sites which no longer receive wastes.*)
☐ 3. OTHER (*specify*): (*Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.*)

B. IS GENERATOR ON SITE?
☒ 1. NO
☐ 2. YES (*specify generator's four-digit SIC Code*):

C. AREA OF SITE (*in acres*): 4 ACRES

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES
1. LATITUDE (*deg.-min.-sec.*): 41° 07′ 09″
2. LONGITUDE (*deg.-min.-sec.*): 77° 28′ 24″

E. ARE THERE BUILDINGS ON THE SITE?
☐ 1. NO ☒ 2. YES (*specify*): PP&L TRANSFORMERS JANET TIRES STORE AND MILL HALL PUMP STATION

Continued From Front

ORIGINAL (Red)

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

X	A. TRANSPORTER	X	B. STORER	X	C. TREATER	X	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION	X	1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION	X	3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS. TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

SITE WAS USED AS DUMP BY JANET TIRES IN EARLY 1970'S. AREA WAS ALSO FILLED TO PUT IN PP&L TRANSFORMERS, MILL HALL SEWAGE AUTHORITY LAID A SEWAGE LINE DOWN THE MIDDLE OF THE SITE.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

[X] 1. UNKNOWN [ ] 2. LIQUID [ ] 3. SOLID [ ] 4. SLUDGE [ ] 5. GAS

B. WASTE CHARACTERISTICS

[X] 1. UNKNOWN [ ] 2. CORROSIVE [ ] 3. IGNITABLE [ ] 4. RADIOACTIVE [ ] 5. HIGHLY VOLATILE
[ ] 6. TOXIC [ ] 7. REACTIVE [ ] 8. INERT [ ] 9. FLAMMABLE

[ ] 10. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

NO RECORDS HAVE BEEN FOUND TO DATE

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
X (1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	X (1) FLYASH	X (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGNTD SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		

ORIGINAL
(Red)

Continued From Page 2

V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

UNKNOWN

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

SITE IS A CLOSED DUMP USED BY JANET TIRES

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH	X			POTENTIAL AS WASTE IS UNKNOWN
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN	X			POTENTIAL DUE TO NATURE OF SITE
7. CONTAMINATION OF GROUND WATER	X			POTENTIAL DUE TO NATURE OF SITE
8. CONTAMINATION OF SURFACE WATER	X			POTENTIAL DUE TO NATURE OF SITE
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL	X			POTENTIAL DUE TO NATURE OF SITE
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

Continued From Front

ORIGINAL

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE. None

- [ ] 1. NPDES PERMIT
- [ ] 2. SPCC PLAN
- [ ] 3. STATE PERMIT (specify):
- [ ] 4. AIR PERMITS
- [ ] 5. LOCAL PERMIT
- [ ] 6. RCRA TRANSPORTER
- [ ] 7. RCRA STORER
- [ ] 8. RCRA TREATER
- [ ] 9. RCRA DISPOSER
- [ ] 10. OTHER (specify):

B. IN COMPLIANCE?

- [ ] 1. YES
- [ ] 2. NO
- [x] 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number):

VIII. PAST REGULATORY ACTIONS

- [x] A. NONE
- [ ] B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

- [ ] A. NONE
- [x] B. YES (complete items 1,2,3, & 4 below)

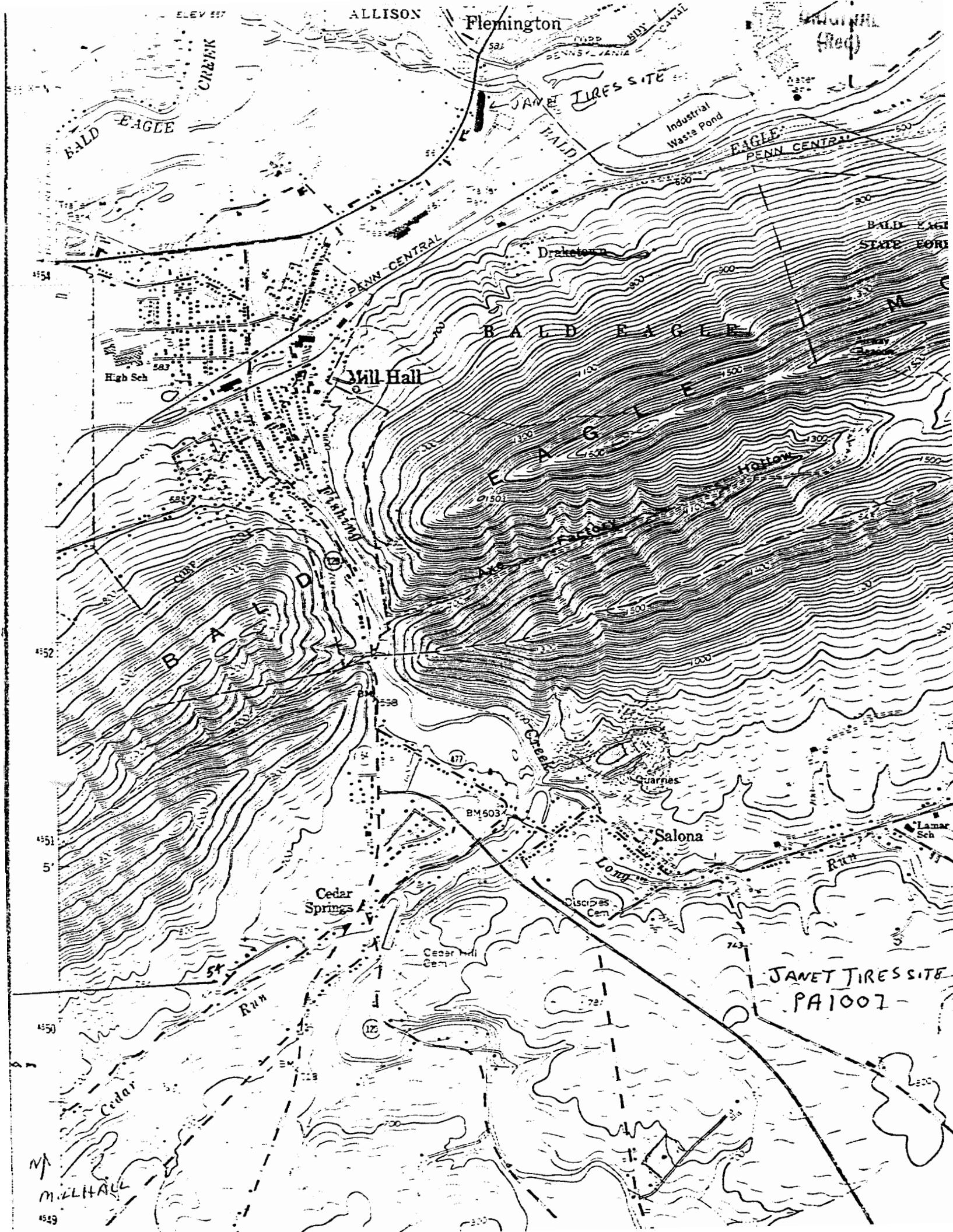
1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
INSPECTION	11-1-83	STATE	COOL AND CLEAR NO ADVERSE CONDITION SEEN
INSPECTION	1-19-84	STATE	COLD AND CLEAR NO ADVERSE CONDITIONS SEEN
INSPECTION	4-2-84	STATE	WARM AND CLEAR NO ADVERSE CONDITIONS SEEN

X. REMEDIAL ACTIVITY (past or on-going)

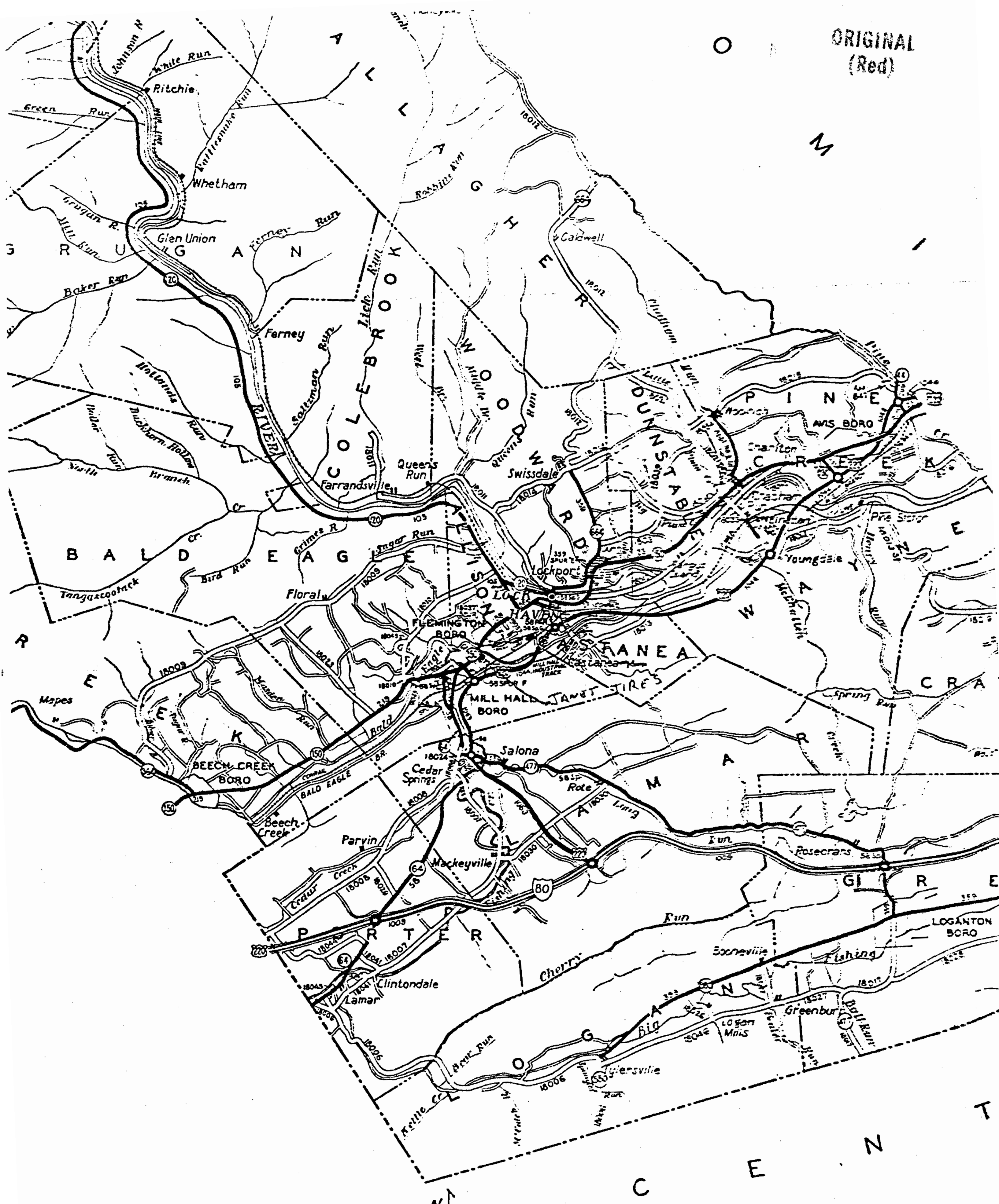
- [x] A. NONE
- [ ] B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X; fill out the Preliminary Assessment (Section II) information on the first page of this form.


ALLISON
Flemington
BALD EAGLE CREEK
JANET TIRES SITE
Industrial Waste Pond
PENN CENTRAL
Draketown
BALD EAGLE
Mill Hall
High Sch
Fishing
Creek
Hollow
Factory
Quarries
Salona
Lamar Sch
Long Run
Cedar Springs
Disciples Cem
Cedar Hill Cem
Cedar Run
JANET TIRES SITE
PA1007
MILLHALL

ORIGINAL
(Red)

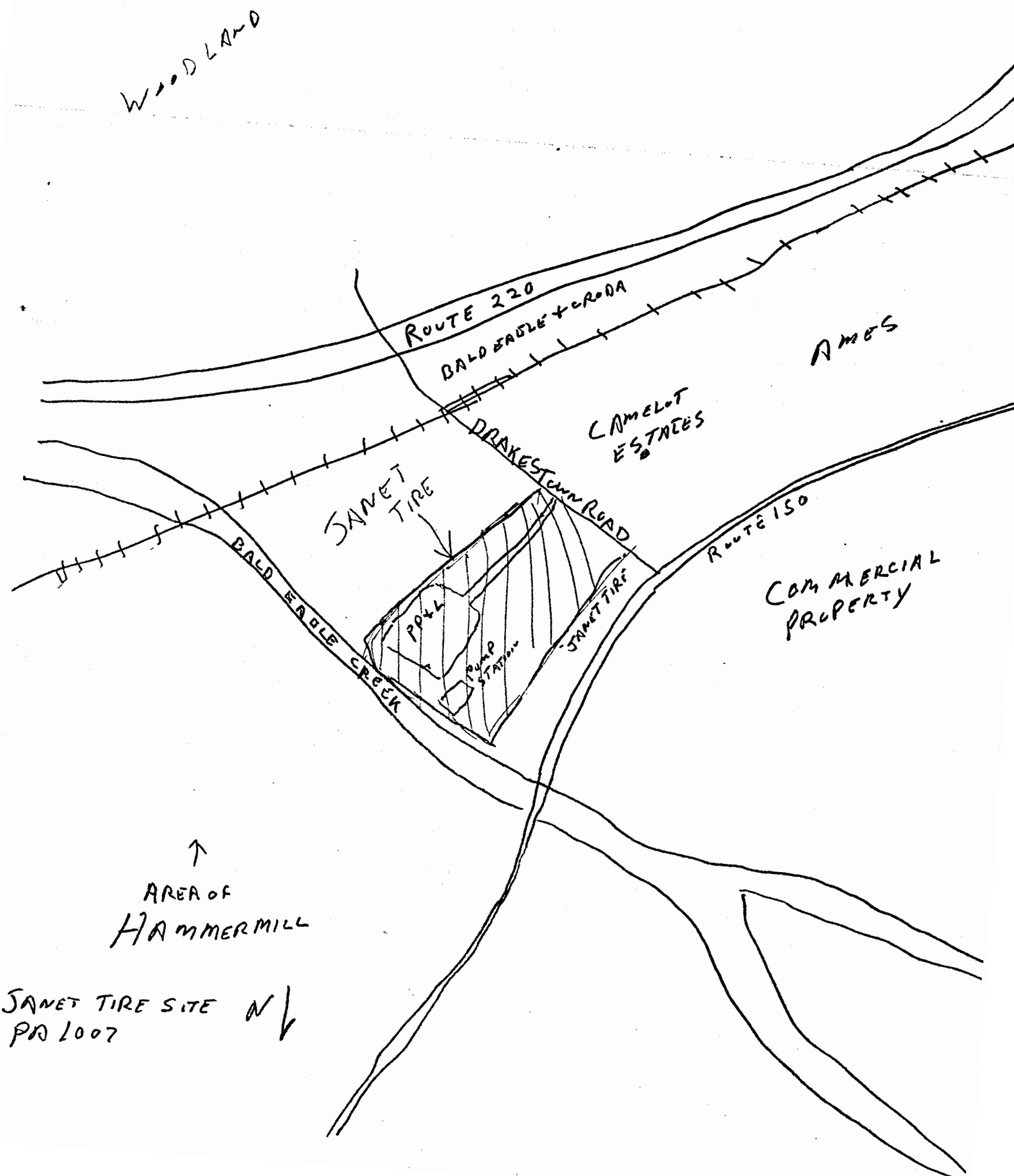


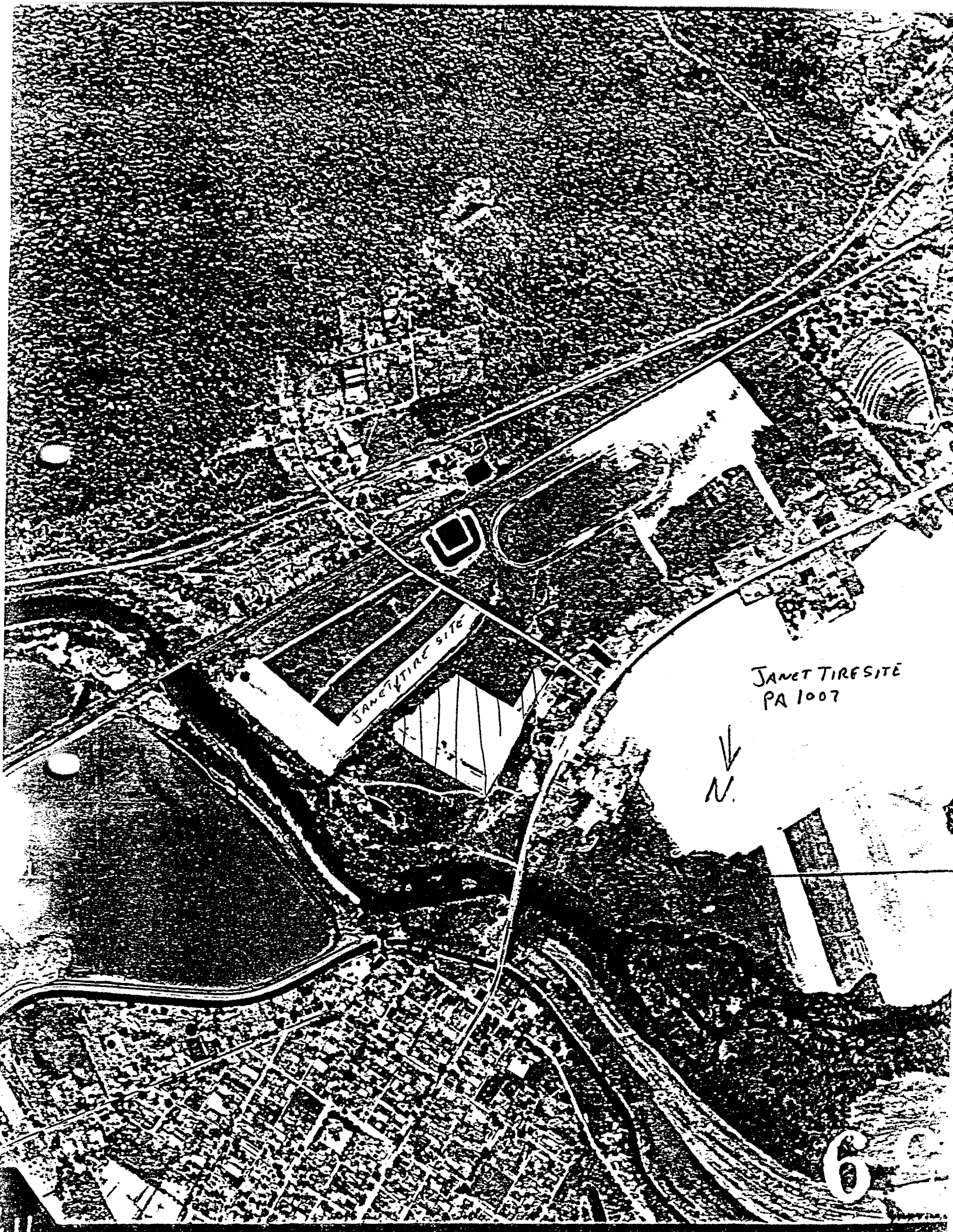
JANET TIRES
PA 1007

CLINTON COUNTY

TRAFFIC AND

ORIGINAL
(Red)




JANET TIRE SITE
JANET TIRE SITE
PA 1007
N.

ORIGINAL
(Red)

COMMONWEALTH OF PENNSYLVANIA

October 4, 1985

SUBJECT: Site Investigation for Janet Tire
PA1007
Bald Eagle Township, Clinton County

TO: CERCLIS File

THROUGH: Richard L. Bittle RLB
Regional Solid Waste Manager

Francis J. Bertovich FB
Regional Solid Waste Operations Supervisor
Williamsport Regional Office

FROM: George Polansky GP
Solid Waste Specialist
Williamsport Regional Office

I have completed my review of the SI for Janet Tire, PA1007, Bald Eagle Township, Clinton County.

I have no comments on this report.

GP:lm

C - Kromzin - 10-4-85

NUS CORPORATION
992 OLD EAGLE SCHOOL ROAD, SUITE 916
WAYNE, PENNSYLVANIA 19087
215-687-9510

10/22

our 25th year

ORIGINAL (Red)

September 19, 1985
T-585-9-5-84
68-01-6699

Mr. Harold Byer
U.S. Environmental Protection Agency
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19106

Dear Mr. Byer:

Attached please find four final copies of the Final Report for Janet Tire, prepared under TDD No. F3-8405-02.

Please endorse below confirming that you have recieved the attached subject data and return the form to the above address.

Sincerely,

Garth Glenn
Manager, FIT III

GG/nmd

Attachments

Signature: Harold G Byer
Harold Byer

Date: 9/20/85

Site Name: Janet Tire
TDD No.: F3-8405-02

TABLE OF CONTENTS

SECTION		PAGE
1.0	INTRODUCTION	1-1
1.1	AUTHORIZATION	1-1
1.2	SCOPE OF WORK	1-1
1.3	SUMMARY	1-1
2.0	THE SITE	2-1
2.1	LOCATION	2-1
2.2	SITE LAYOUT	2-1
2.3	OWNERSHIP HISTORY	2-2
2.4	SITE USE HISTORY	2-2
2.5	PERMIT AND REGULATORY ACTION HISTORY	2-3
2.6	REMEDIAL ACTION TO DATE	2-3
3.0	ENVIRONMENTAL SETTING	3-1
3.1	WATER SUPPLY	3-1
3.2	SURFACE WATERS	3-1
3.3	GEOLOGY AND SOILS	3-1
3.4	GROUNDWATERS	3-2
3.5	CLIMATE AND METEOROLOGY	3-2
3.6	LAND USE	3-3
3.7	POPULATION DISTRIBUTION	3-3
3.8	CRITICAL ENVIRONMENTS	3-3
4.0	WASTE TYPES AND QUANTITIES	4-1
5.0	FIELD TRIP REPORT	5-1
5.1	SUMMARY	5-1
5.2	PERSONS CONTACTED	5-1
5.2.1	PRIOR TO FIELD TRIP	5-1
5.2.2	AT THE SITE	5-1
5.3	SAMPLE LOG	5-2
5.4	SITE OBSERVATIONS	5-3
5.5	PHOTOGRAPH LOG	
5.6	EPA SITE INSPECTION FORM	
6.0	LABORATORY DATA	6-1
6.1	SAMPLE DATA SUMMARY	6-1
6.2	QUALITY ASSURANCE REVIEW	6-2
6.2.1	ORGANIC	6-2
6.2.2	INORGANIC	6-4
7.0	TOXICOLOGICAL EVALUATION	7-1

APPENDICES

A	1.0 COPY OF TDD	A-1
B	1.0 MAPS AND SKETCHES 1.1 SITE LOCATION MAP 1.2 SITE SKETCH 1.3 PHOTO AND SAMPLE LOCATIONS MAP 1.4 AERIAL PHOTOGRAPH	B-1
C	1.0 QUALITY ASSURANCE SUPPORT DOCUMENTATION	C-1
D	1.0 LABORATORY DATA SHEETS	D-1

TABLE OF CONTENTS

SECTION		PAGE
1.0	INTRODUCTION	1-1
1.1	AUTHORIZATION	1-1
1.2	SCOPE OF WORK	1-1
1.3	SUMMARY	1-1
2.0	THE SITE	2-1
2.1	LOCATION	2-1
2.2	SITE LAYOUT	2-1
2.3	OWNERSHIP HISTORY	2-2
2.4	SITE USE HISTORY	2-2
2.5	PERMIT AND REGULATORY ACTION HISTORY	2-3
2.6	REMEDIAL ACTION TO DATE	2-3
3.0	ENVIRONMENTAL SETTING	3-1
3.1	WATER SUPPLY	3-1
3.2	SURFACE WATERS	3-1
3.3	GEOLOGY AND SOILS	3-1
3.4	GROUNDWATERS	3-2
3.5	CLIMATE AND METEOROLOGY	3-2
3.6	LAND USE	3-2
3.7	POPULATION DISTRIBUTION	3-3
3.8	CRITICAL ENVIRONMENTS	3-3
4.0	WASTE TYPES AND QUANTITIES	4-1
5.0	FIELD TRIP REPORT	5-1
5.1	SUMMARY	5-1
5.2	PERSONS CONTACTED	5-1
5.2.1	PRIOR TO FIELD TRIP	5-1
5.2.2	AT THE SITE	5-1
5.3	SAMPLE LOG	5-2
5.4	SITE OBSERVATIONS	5-3
5.5	PHOTOGRAPH LOG	
5.6	EPA SITE INSPECTION FORM	
6.0	LABORATORY DATA	6-1
6.1	SAMPLE DATA SUMMARY	6-1
6.2	QUALITY ASSURANCE REVIEW	6-2
6.2.1	ORGANIC	6-2
6.2.2	INORGANIC	6-4
7.0	TOXICOLOGICAL EVALUATION	7-1

DRAFT

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A	1.0 COPY OF TDD	A-1
B	1.0 MAPS AND SKETCHES 1.1 SITE LOCATION MAP 1.2 SITE SKETCH 1.3 PHOTO AND SAMPLE LOCATIONS MAP 1.4 ARIEL PHOTOGRAPH	B-1
C	1.0 QUALITY ASSURANCE SUPPORT DOCUMENTATION	C-1

DRAFT

NUS CORPORATION

992 OLD EAGLE SCHOOL ROAD, SUITE 916
WAYNE, PENNSYLVANIA 19087
215-687-9510

ORIGINAL
(Red)

September 18, 1985
R-585-7-4-1
68-01-6699

Mr. Harold Byer
U.S. Environmental Protection Agency
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19107

Subject: Final Report
TDD No. F3-8405-02
Janet Tire
Clinton County, Mill Hall, Pennsylvania

Dear Mr. Byer:

Submitted herewith is a final Site Inspection report for the subject project.

Based on our review of available data, we have concluded that EPA should consider the following:

- No further action is needed at the site.
- Sample analysis indicates that there are no hazardous wastes at the site. In addition, there are no indications that hazardous wastes were ever disposed at the site.

If you have any further questions, please contact me.

Respectfully submitted,

William Wentworth for
Arthur Weber
Engineering Technician

Reviewed and approved by,

Garth Glenn
Manager, FIT III

AW/skt

NUS CORPORATION

992 OLD EAGLE SCHOOL ROAD, SUITE 916
WAYNE, PENNSYLVANIA 19087
215-687-9510

ORIGINAL
(Red)

September 18, 1985
R-585-7-4-1
68-01-6699

Mr. Harold Byer
U.S. Environmental Protection Agency
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19107

Subject: Peer Review Comments
TDD No. F3-8405-02
Janet Tire
Clinton County, Mill Hall, Pennsylvania

Dear Mr. Byer:

The following peer review comments have been addressed and corrections have been made.

- The name Fiber McGee is for real.
- The population of both towns (Mill Hall and Lock Haven) is approximately 11,000.
- Typographical errors on the Site Inspection form, Part 5, have been corrected.
- The net precipitation for the area is 14 inches; this has been corrected on the Site Inspection form.

Comments by Marilyn Plitnick

- The spelling error on Figure 1.4 has been corrected.
- Information concerning the 2 wells owned by Lock Haven Suburban Water Company has been added to section 3.1.
- The suggested changes to section 3.3, Geology and Soils, have been made.