Environmental Crimes Unit
2500 Broening Hwy
Baltimore, MD.

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL
Laboratories Administration
201 W. Preston St.
P.O. Box 2355, Baltimore, Maryland 21203
J. Mehsen Joseph, Ph.D., Director

LAB. NO. 700301

HAZARDOUS WASTE LABORATORY
General Inorganic Analysis Report Form

Priority Criminal Investigation

Collector Stancil 1225 11-15-89 (Name/Time/Date)

Sample Source Diggs Drum Dump - Pg. Co.

Sample ID no. PCS-89-1115-147

Preservative Used

Sample Alert Drum 147

Specify Program:

RCRA: X NPDES: OTHER:

Chain of Custody Sample Possession

From: (Name/Time/Date) To: (Name/Time/Date)

From: (Name/Time/Date) To: (Name/Time/Date)

pH		Chloride	ppm-Cl
Conductivity-umhos/cm	@25°C	Fluoride	ppm-F
Turbidity	NTU	Iodide	ppm-I
Color	Color	Cyanide, total	ppm-CN
Residue non-filterable	ppm	Cyanide, reactive	ppm-CN
Residue filterable	ppm	Cyanide, amenable to chlorination	ppm-CN
Residue, total	ppm		
Residue volatile	ppm	Phenol, 4-AAP	ppm-phenol
Specific gravity	@25°C	Acidity, total	ppm-$CaCo_3$
Free liquid test	%	Alkalinity	ppm-$CaCo_3$
Corrosivity	pH	Hardness, total	ppm-$CaCo_3$
X Ignitability	> [illegible] °C	Carbon Dioxide	ppm-$CaCo_3$
Oil and Grease	ppm	Methylene Blue Active Substance	ppm-MBAS
Ammonia	ppm-N	Chlorine, total	ppm-Cl
Kjeldahl Nitrogen	ppm-N	Chlorine, free	ppm-Cl
Nitrite	ppm-N	Tannin	ppm
Nitrate plus Nitrate	ppm-N	Salinity	0/00
Phosphate, ortho	ppm-P		
Phosphate, total	ppm-P		
Sulfate	ppm-SO_4		
Sulfite	ppm-SO_3		
Sulfide	ppm-S		
Sulfide, reactive	ppm-S		
Bromide	ppm-Br		

Section Chief: [illegible] Date: 12-7 Verified By: [illegible] Authorized By:

AR200001

DHMH 4320-A 10-88 HEALTH DEPARTMENT 5M

7200 Sheppard Hwy.
Balt. MD.

PARTMENT OF HEALTH AND MENTAL
Laboratories Administration
201 W. Preston St.
P.O. Box 2355, Baltimore, Maryland 21203
J. Mehsen Joseph, Ph.D., Director

LAB. NO. 700301

HAZARDOUS WASTE LABORATORY
General Inorganic Analysis Report Form

Priority Criminal Investigation

Collector STAUCH 1225 11-15-89 (Name/Time/Date) Sample Source DIGGS DRUM DUMP - Pg. Co.

Sample ID no. PLS-89 7115-140 Preservative Used NONE

Sample Alert DRUM 140

Specify Program:

RCRA: X NPDES: ____ OTHER: ____

Chain of Custody Sample Possession

From: ____ (Name/Time/Date) To: ____ (Name/Time/Date)

From: ____ (Name/Time/Date) To: ____ (Name/Time/Date)

___ pH		___ Chloride	ppm-Cl
___ Conductivity-umhos/cm	@25°C	___ Fluoride	ppm-F
___ Turbidity	NTU	___ Iodide	ppm-I
___ Color	Color	___ Cyanide, total	ppm-CN
___ Residue non-filterable	ppm	___ Cyanide, reactive	ppm-CN
___ Residue filterable	ppm	___ Cyanide, amenable to chlorination	ppm-CN
___ Residue, total	ppm		
___ Residue volatile	ppm	___ Phenol, 4-AAP	ppm-phenol
___ Specific gravity	@25°C	___ Acidity, total	ppm-$CaCO_3$
___ Free liquid test	%	___ Alkalinity	ppm-$CaCO_3$
X Corrosivity	pH	___ Hardness, total	ppm-$CaCO_3$
___ Ignitability	°C	___ Carbon Dioxide	ppm-$CaCO_3$
___ Oil and Grease	ppm	___ Methylene Blue Active Substance	ppm-MBAS
___ Ammonia	ppm-N	___ Chlorine, total	ppm-Cl
___ Kjeldahl Nitrogen	ppm-N	___ Chlorine, free	ppm-Cl
___ Nitrite	ppm-N	___ Tannin	ppm
___ Nitrate plus Nitrate	ppm-N	___ Salinity	0/00
___ Phosphate, ortho	ppm-P	___	
___ Phosphate, total	ppm-P	___	
___ Sulfate	ppm-SO_4	___	
___ Sulfite	ppm-SO_3	___	
___ Sulfide	ppm-S	___	
___ Sulfide, reactive	ppm-S	___	
___ Bromide	ppm-Br		

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Section Chief: DS Date: ____ Verified By: ____ Authorized By: ____

DHMH 4320-A 10 88 HEALTH DEPARTMENT AR200002 3M

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Balt., MD.

DEPARTMENT OF HEALTH AND MENTAL H
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201 W. Preston St.
P.O. Box 2355, Baltimore, Maryland 21203
J. Mehsen Joseph, Ph.D., Director

LAB. NO. 700301

HAZARDOUS WASTE LABORATORY
General Inorganic Analysis Report Form

Priority Criminal Investigation

Collector Smail 1225 11-15-89 (Name/Time/Date) Sample Source Diggs Drum Dump PG Co.

Sample ID no. PGS-89-1115-139 Preservative Used None

Sample Alert Drum 179

Specify Program:

RCRA: X NPDES: ____ OTHER: ____

Chain of Custody Sample Possession

From: ____ (Name/Time/Date) To: ____ (Name/Time/Date)

From: ____ (Name/Time/Date) To: ____ (Name/Time/Date)

___ pH		___ Chloride	ppm-Cl
___ Conductivity-umhos/cm	@25°C	___ Fluoride	ppm-F
___ Turbidity	NTU	___ Iodide	ppm-I
___ Color	Color	___ Cyanide, total	ppm-CN
___ Residue non-filterable	ppm	___ Cyanide, reactive	ppm-CN
___ Residue filterable	ppm	___ Cyanide, amenable to chlorination	ppm-CN
___ Residue, total	ppm		
___ Residue volatile	ppm	___ Phenol, 4-AAP	ppm-phenol
___ Specific gravity	@25°C	___ Acidity, total	ppm-$CaCO_3$
___ Free liquid test	%	___ Alkalinity	ppm-$CaCO_3$
___ Corrosivity	pH	___ Hardness, total	ppm-$CaCO_3$
X Ignitability	°C	___ Carbon Dioxide	ppm-$CaCO_3$
___ Oil and Grease	ppm	___ Methylene Blue Active Substance	ppm-MBAS
___ Ammonia	ppm-N	___ Chlorine, total	ppm-Cl
___ Kjeldahl Nitrogen	ppm-N	___ Chlorine, free	ppm-Cl
___ Nitrite	ppm-N	___ Tannin	ppm
___ Nitrate plus Nitrate	ppm-N	___ Salinity	0/00
___ Phosphate, ortho	ppm-P	___	
___ Phosphate, total	ppm-P	___	
___ Sulfate	ppm-SO_4	___	
___ Sulfite	ppm-SO_3	___	
___ Sulfide	ppm-S	___	
___ Sulfide, reactive	ppm-S	___	
___ Bromide	ppm-Br		

Section Chief: DS Date: ____ Verified By: ____ Authorized By: ____

DHMH 4320-A 10 88 HEALTH DEPARTMENT AR200003 SM

7120 BREWING HWY.
BALT. MD.

DEPARTMENT OF HEALTH AND MENTAL H
Laboratories Administration
201 W. Preston St.
P.O. Box 2355, Baltimore, Maryland 21203
J. Mehsen Joseph, Ph.D., Director

LAB. NO. 700301

HAZARDOUS WASTE LABORATORY
General Inorganic Analysis Report Form

Priority CRIMINAL INVESTIGATION

Collector STANCIL 1225 11-15-89 (Name/Time/Date)

Sample Source DIGGS DRUM DUMP - PG. CO.

Sample ID no. PLS-89-1115-111

Preservative Used NONE

Sample Alert DRUM 111

Specify Program:

RCRA: X NPDES: ____ OTHER: ____

Chain of Custody Sample Possession

From: ____ (Name/Time/Date) To: ____ (Name/Time/Date)

From: ____ (Name/Time/Date) To: ____ (Name/Time/Date)

___ pH		___ Chloride	ppm-Cl
___ Conductivity-umhos/cm	@25°C	___ Fluoride	ppm-F
___ Turbidity	NTU	___ Iodide	ppm-I
___ Color	Color	___ Cyanide, total	ppm-CN
___ Residue non-filterable	ppm	X Cyanide, reactive	-- ppm-CN
___ Residue filterable	ppm	___ Cyanide, amenable to	
___ Residue, total	ppm	chlorination	ppm-CN
___ Residue volatile	ppm	___ Phenol, 4-AAP	ppm-phenol
___ Specific gravity	@25°C	___ Acidity, total	ppm-$CaCO_3$
___ Free liquid test	%	___ Alkalinity	ppm-$CaCO_3$
X Corrosivity	pH	___ Hardness, total	ppm-$CaCO_3$
___ Ignitability	°C	___ Carbon Dioxide	ppm-$CaCO_3$
___ Oil and Grease	ppm	___ Methylene Blue Active Substance	ppm-MBAS
___ Ammonia	ppm-N	___ Chlorine, total	ppm-Cl
___ Kjeldahl Nitrogen	ppm-N	___ Chlorine, free	ppm-Cl
___ Nitrite	ppm-N	___ Tannin	ppm
___ Nitrate plus Nitrite	ppm-N	___ Salinity	0/00
___ Phosphate, ortho	ppm-P	___	
___ Phosphate, total	ppm-P	___	
___ Sulfate	ppm-SO_4	___	
___ Sulfite	ppm-SO_3	___	
___ Sulfide	ppm-S	___	
___ Sulfide, reactive	ppm-S	___	
___ Bromide	ppm-Br		

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Section Chief: DS Date: 12/7 Verified By: ____ Authorized By: ____

DHMH 4320-A 10 88 HEALTH DEPARTMENT AR200004 SM

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BALT. MD.

PARTMENT OF HEALTH AND MENTAL I
Laboratories Administration
201 W. Preston St.
P.O. Box 2355, Baltimore, Maryland 21203
J. Mehsen Joseph, Ph.D., Director

LAB. NO. 700301

HAZARDOUS WASTE LABORATORY
General Inorganic Analysis Report Form

Priority CRIMINAL INVESTIGATION

Collector STANCIL 1225 11-15-89 (Name/Time/Date) Sample Source DIGGS DRUM DUMP - BG. Co.

Sample ID no. BLS-89-1115-22 Preservative Used NONE

Sample Alert DRUM 22

Specify Program:

RCRA: X NPDES: ____ OTHER: ____

Chain of Custody Sample Possession

From: ____ (Name/Time/Date) To: ____ (Name/Time/Date)

From: ____ (Name/Time/Date) To: ____ (Name/Time/Date)

___ pH	___	___ Chloride	___ ppm-Cl
___ Conductivity-umhos/cm	@25°C	___ Fluoride	___ ppm-F
___ Turbidity	NTU	___ Iodide	___ ppm-I
___ Color	Color	___ Cyanide, total	___ ppm-CN
___ Residue non-filterable	ppm	X Cyanide, reactive	___ ppm-CN
___ Residue filterable	ppm	___ Cyanide, amenable to chlorination	___ ppm-CN
___ Residue, total	ppm		
___ Residue volatile	ppm	___ Phenol, 4-AAP	___ ppm-phenol
___ Specific gravity	@25°C	___ Acidity, total	___ ppm-$CaCO_3$
___ Free liquid test	Y	___ Alkalinity	___ ppm-$CaCO_3$
___ Corrosivity	pH	___ Hardness, total	___ ppm-$CaCO_3$
X Ignitability	> °C	___ Carbon Dioxide	___ ppm-$CaCO_3$
___ Oil and Grease	ppm	___ Methylene Blue Active Substance	___ ppm-MBAS
___ Ammonia	ppm-N	___ Chlorine, total	___ ppm-Cl
___ Kjeldahl Nitrogen	ppm-N	___ Chlorine, free	___ ppm-Cl
___ Nitrite	ppm-N	___ Tannin	___ ppm
___ Nitrate plus Nitrate	ppm-N	___ Salinity	___ 0/00
___ Phosphate, ortho	ppm-P	___	___
___ Phosphate, total	ppm-P	___	___
___ Sulfate	ppm SO_4	___	___
___ Sulfite	ppm-SO_3	___	___
___ Sulfide	ppm-S	___	___
___ Sulfide, reactive	ppm-S	___	___
___ Bromide	ppm-Br		

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Section Chief: DS Date: 12-4 Verified By: [illegible] Authorized By: ____

DHMH 4320-A 10 86 HEALTH DEPARTMENT AR200005 5M

2500 Broening Hwy.
Balt. MD.

DEPARTMENT OF HEALTH AND MENTAL H E
Laboratories Administration
201 W. Preston St.
P.O. Box 2355, Baltimore, Maryland 21203
J. Mehsen Joseph, Ph.D., Director

LAB. NO. 700301

HAZARDOUS WASTE LABORATORY
General Inorganic Analysis Report Form

Priority Criminal Investigation

Collector SIMMCIL 1225 11-15-89 (Name/Time/Date) Sample Source Diggs DRUM DUMP - Pg. Co.

Sample ID no. PLS-89-1115-21 Preservative Used none

Sample Alert DRUM 21

Specify Program:

RCRA: X NPDES: ____ OTHER: ____

Chain of Custody Sample Possession

From: ____ (Name/Time/Date) To: ____ (Name/Time/Date)

From: ____ (Name/Time/Date) To: ____ (Name/Time/Date)

___ pH		___ Chloride	ppm-Cl
___ Conductivity-umhos/cm	@25°C	___ Fluoride	ppm-F
___ Turbidity	NTU	___ Iodide	ppm-I
___ Color	Color	___ Cyanide, total	ppm-CN
___ Residue non-filterable	ppm	X Cyanide, reactive	ppm-CN
___ Residue filterable	ppm	___ Cyanide, amenable to chlorination	ppm-CN
___ Residue, total	ppm	___ Phenol, 4-AAP	ppm-phenol
___ Residue volatile	ppm	___ Acidity, total	ppm-$CaCO_3$
___ Specific gravity	@25°C	___ Alkalinity	ppm-$CaCO_3$
___ Free liquid test	%	___ Hardness, total	ppm-$CaCO_3$
___ Corrosivity	pH	___ Carbon Dioxide	ppm-$CaCO_3$
X Ignitability	°C	___ Methylene Blue Active Substance	ppm-MBAS
___ Oil and Grease	ppm	___ Chlorine, total	ppm-Cl
___ Ammonia	ppm-N	___ Chlorine, free	ppm-Cl
___ Kjeldahl Nitrogen	ppm-N	___ Tannin	ppm
___ Nitrite	ppm-N	___ Salinity	0/00
___ Nitrate plus Nitrite	ppm-N	___	
___ Phosphate, ortho	ppm-P	___	
___ Phosphate, total	ppm-P	___	
___ Sulfate	ppm-SO_4	___	
___ Sulfite	ppm-SO_3	___	
___ Sulfide	ppm-S	___	
___ Sulfide, reactive	ppm-S	___	
___ Bromide	ppm-Br		

JAN 23 1990
HAZARDOUS ENFORCEMENT PROGRAM

Section Chief: ____ Date: ____ Verified By: ____ Authorized By: ____

AR200006

DHMH 4320-A 10/88 HEALTH DEPARTMENT SM

2520 Broening Hwy.
Baltimore, MD.

PARTMENT OF HEALTH AND MENTAL
Laboratories Administration
201 W. Preston St.
P.O. Box 2355, Baltimore, Maryland 21203
J. Mensen Joseph, Ph.D., Director

LAB. NO. 700301

HAZARDOUS WASTE LABORATORY
General Inorganic Analysis Report Form

Priority CRIMINAL INVESTIGATION

Collector STANCIL 1225 11-15-89 (Name, Time, Date) Sample Source DRUMS DUMP RG. G.

Sample ID no. PCS-89-1115-18 Preservative Used NONE

Sample Alert DRUM 13

Specify Program:

RCRA: X NPDES: ____ OTHER: ____

Chain of Custody Sample Possession

From: ____ (Name Time Date) To: ____ (Name/Time/Date)

From: ____ (Name Time Date) To: ____ (Name/Time/Date)

___ pH		___ Chloride	ppm-Cl
___ Conductivity-umhos cm	25°C	___ Fluoride	ppm-F
___ Turbidity	NTU	___ Iodide	ppm-I
___ Color	Color	___ Cyanide, total	ppm-CN
___ Residue non-filterable	ppm	X Cyanide, reactive	ppm-CN
___ Residue filterable	ppm	___ Cyanide, amenable to chlorination	ppm-CN
___ Residue, total	ppm	___ Phenol, 4-AAP	ppm-phenol
___ Residue volatile	ppm	___ Acidity, total	ppm-$CaCo_3$
___ Specific gravity	25°C	___ Alkalinity	ppm-$CaCo_3$
___ Free liquid test	%	___ Hardness, total	ppm-$CaCo_3$
___ Corrosivity	pH	___ Carbon Dioxide	ppm-$CaCo_3$
X Ignitability	°C	___ Methylene Blue Active Substance	ppm-MBAS
___ Oil and Grease	ppm	___ Chlorine, total	ppm-Cl
___ Ammonia	ppm-N	___ Chlorine, free	ppm-Cl
___ Kjeldahl Nitrogen	ppm-N	___ Tannin	ppm
___ Nitrite	ppm-N	___ Salinity	0/00
___ Nitrate plus Nitrite	ppm-N	___	
___ Phosphate, ortho	ppm-P	___	
___ Phosphate, total	ppm-P	___	
___ Sulfate	ppm-SO_4	___	
___ Sulfite	ppm-SO_3	___	
___ Sulfide	ppm-S	___	
___ Sulfide, reactive	ppm-S	___	
___ Bromide	ppm-Br		

JAN 3 1990
ENFORCEMENT

Section Chief: ____ Date: ____ Verified By: ____ Authorized By: ____

AR200007

DHMH 4329-A 10/88 HEALTH DEPARTMENT SM

[illegible]
[illegible] UNIT
2500 Biddle Hwy.
Smithville.

DEPARTMENT OF HEALTH AND MENTAL [illegible]
Laboratories Administration
201 W. Preston St.
P.O. Box 2355, Baltimore, Maryland 21203
J. Mehsen Joseph, Ph.D., Director

700308
LAB. NO. _____

HAZARDOUS WASTE LABORATORY
General Inorganic Analysis Report Form

Priority: CRIMINAL INVESTIGATION

Collector: STINCIL 1225 11-15-89 (Name/Time/Date)

Sample Source: DIGGS DRUM DUMP - PG Co.

Sample ID no.: PLS-89-1115-1

Preservative Used: NONE

Sample Alert: SPILLAGE ON GROUND

Specify Program:

RCRA: X NPDES: ____ OTHER: ____

Chain of Custody Sample Possession

From: _____ (Name/Time/Date) To: _____ (Name/Time/Date)

From: _____ (Name/Time/Date) To: _____ (Name/Time/Date)

___ pH		___ Chloride	ppm-Cl
___ Conductivity-umhos/cm	@25°C	___ Fluoride	ppm-F
___ Turbidity	NTU	___ Iodide	ppm-I
___ Color	Color	___ Cyanide, total	ppm-CN
___ Residue non-filterable	ppm	___ Cyanide, reactive	ppm-CN
___ Residue filterable	ppm	___ Cyanide, amenable to chlorination	ppm-CN
___ Residue, total	ppm	___ Phenol, 4-AAP	ppm-phenol
___ Residue volatile	ppm	___ Acidity, total	ppm-$CaCO_3$
___ Specific gravity	@25°C	___ Alkalinity	ppm-$CaCO_3$
___ Free liquid test	%	___ Hardness, total	ppm-$CaCO_3$
___ Corrosivity	pH	___ Carbon Dioxide	ppm-$CaCO_3$
X Ignitability	°C	___ Methylene Blue Active Substance	ppm-MBAS
___ Oil and Grease	ppm	___ Chlorine, total	ppm-Cl
___ Ammonia	ppm-N	___ Chlorine, free	ppm-Cl
___ Kjeldahl Nitrogen	ppm-N	___ Tannin	ppm
___ Nitrite	ppm-N	___ Salinity	0/00
___ Nitrate plus Nitrite	ppm-N		
___ Phosphate, ortho	ppm-P		
___ Phosphate, total	ppm-P		
___ Sulfate	ppm-SO_4		
___ Sulfite	ppm-SO_3		
___ Sulfide	ppm-S		
___ Sulfide, reactive	ppm-S		
___ Bromide	ppm-Br		

[illegible] JAN 23 [illegible]
HSWMA ENFORCEMENT PROGRAM

Section Chief: DJ Date: [illegible] Verified By: [illegible] Authorized By: ____

AR200008

DHMH 4320-A [illegible] 88 HEALTH DEPARTMENT 3M