

Appendix One- Waste Streams

Request for Proposal Number 111124 O3

B. WASTE DESCRIPTION

WASTE DESCRIPTION: COD WASTE

PROCESS GENERATING WASTE: LAB WASTE

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? No

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID <input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS <input checked="" type="checkbox"/> 1 2 3 TOP 0.00 MIDDLE 0.00 BOTTOM 0.00			VISCOSITY (If liquid present) <input checked="" type="checkbox"/> 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000		COLOR YELLOW	
	ODOR <input checked="" type="checkbox"/> NONE MILD STRONG Describe:			BOILING POINT °F (°C) <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> >= 130 (>54)			MELTING POINT °F (°C) < 140 (<60) 140-200 (60-93) > 200 (>93)

FLASH POINT °F (°C) < 73 (<23) 73 - 100 (23-38) 101 -140 (38-60) 141 -200 (60-93) <input checked="" type="checkbox"/> > 200 (>93)	pH <input checked="" type="checkbox"/> <= 2 2.1 - 6.9 7 (Neutral) 7.1 - 12.4 <input checked="" type="checkbox"/> >= 12.5	SPECIFIC GRAVITY < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 > 20 0.1 - 1.0 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:
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D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	MAX	UOM
CHROMIUM	0.0000000	--	1.0000000 %
COD WASTE	100.0000000	--	100.0000000 %
MERCURIC SULFATE	1.0000000	--	5.0000000 %
MERCURY	0.0000000	--	1.0000000 %
SILVER	0.0000000	--	1.0000000 %
SULFURIC ACID	1.0000000	--	20.0000000 %

F. REGULATORY STATUS

YES NO USEPA HAZARDOUS WASTE?

D002 D007 D009 D011

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S., (SULFURIC ACID, MERCURIC SULFATE), 8, (6.1), PG II

B. WASTE DESCRIPTION

WASTE DESCRIPTION: CYANIDE QC AND STANDARDS

PROCESS GENERATING WASTE: TESTING

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? No

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID <input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS <input checked="" type="checkbox"/> 1 2 3 TOP 0.00 MIDDLE 0.00 BOTTOM 0.00			VISCOSITY (If liquid present) <input checked="" type="checkbox"/> 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000		COLOR VARIES	
	ODOR <input checked="" type="checkbox"/> NONE MILD STRONG Describe:			BOILING POINT °F (°C) <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> >= 130 (>54)			MELTING POINT °F (°C) < 140 (<60) 140-200 (60-93) > 200 (>93)

FLASH POINT °F (°C) < 73 (<23) 73 - 100 (23-38) 101 -140 (38-60) 141 -200 (60-93) <input checked="" type="checkbox"/> > 200 (>93)	pH <input checked="" type="checkbox"/> <= 2 2.1 - 6.9 7 (Neutral) 7.1 - 12.4 <input checked="" type="checkbox"/> >= 12.5	SPECIFIC GRAVITY < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 > 20 0.1 - 1.0 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:
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D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
POTASSIUM CYANIDE	0.0000000	--	1.0000000	PPM
SODIUM HYDROXIDE	0.0000000	--	5.0000000	%
WATER	95.0000000	--	100.0000000	%

F. REGULATORY STATUS

YES NO USEPA HAZARDOUS WASTE?

D002 D003

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN1935, WASTE CYANIDE SOLUTIONS, N.O.S., (WATER, CYANIDE REACTIVE), 6.1, PG II

B. WASTE DESCRIPTION

WASTE DESCRIPTION: HPLC WASTE

PROCESS GENERATING WASTE: ANALYTICAL WASTE STREAM

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? No

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE	NUMBER OF PHASES/LAYERS	VISCOSITY (If liquid present)	COLOR
<input checked="" type="checkbox"/> SOLID WITHOUT FREE LIQUID POWDER	<input checked="" type="checkbox"/> 1 2 3 TOP 0.00	<input checked="" type="checkbox"/> 1 - 100 (e.g. Water)	VARIES
<input checked="" type="checkbox"/> MONOLITHIC SOLID	% BY VOLUME (Approx.) MIDDLE 0.00	101 - 500 (e.g. Motor Oil)	
<input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS	BOTTOM 0.00	501 - 10,000 (e.g. Molasses)	
<input checked="" type="checkbox"/> LIQUID/SOLID MIXTURE		> 10,000	
% FREE LIQUID			
% SETTLED SOLID			
% TOTAL SUSPENDED SOLID			
SLUDGE			
GAS/AEROSOL			
	ODOR	BOILING POINT °F (°C)	MELTING POINT °F (°C)
	NONE	<= 95 (<=35)	< 140 (<60)
	<input checked="" type="checkbox"/> MILD	95 - 100 (35-38)	140-200 (60-93)
	STRONG	101 - 129 (38-54)	> 200 (>93)
	Describe:	<input checked="" type="checkbox"/> >= 130 (>54)	TOTAL ORGANIC CARBON
			<= 1%
			1-9%
			<input checked="" type="checkbox"/> >= 10%
FLASH POINT °F (°C)	pH	SPECIFIC GRAVITY	ASH
<input checked="" type="checkbox"/> < 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)	< 0.1 > 20
73 - 100 (23-38)	2.1 - 6.9	0.8-1.0 (e.g. Ethanol)	0.1 - 1.0 <input checked="" type="checkbox"/> Unknown
101 -140 (38-60)	<input checked="" type="checkbox"/> 7 (Neutral)	<input checked="" type="checkbox"/> 1.0 (e.g. Water)	1.1 - 5.0
141 -200 (60-93)	7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)	5.1 - 20.0
> 200 (>93)	>= 12.5	> 1.2 (e.g. Methylene Chloride)	
			BTU/LB (MJ/kg)
			< 2,000 (<4.6)
			2,000-5,000 (4.6-11.6)
			<input checked="" type="checkbox"/> 5,000-10,000 (11.6-23.2)
			> 10,000 (>23.2)
			Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
ETHYL ACETATE	5.0000000	--	10.0000000	%
ETHYL ETHER	5.0000000	--	10.0000000	%
HEXANE	5.0000000	--	10.0000000	%
METHANOL	20.0000000	--	30.0000000	%
METHYL ISOBUTYL KETONE	5.0000000	--	10.0000000	%
METHYL TERT-BUTYL ETHER	5.0000000	--	10.0000000	%
METHYLENE CHLORIDE	30.0000000	--	40.0000000	%
O-PHTHALDEHYDE, N,N-DIMETHYL-2-	0.0000000	--	1.0000000	%
SODIUM BORATE	0.0000000	--	5.0000000	%
WATER	10.0000000	--	20.0000000	%

F. REGULATORY STATUS

YES NO USEPA HAZARDOUS WASTE?

D001 F002 F003

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (ETHYL ACETATE, METHANOL), 3, PG II

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B. WASTE DESCRIPTION

 WASTE DESCRIPTION: MERCURY WASTE

 PROCESS GENERATING WASTE: LAB WASTE

 IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? No
C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID <input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS			VISCOSITY (If liquid present)	COLOR
	<input checked="" type="checkbox"/> 1	2	3	TOP 0.00	<input checked="" type="checkbox"/> 1 - 100 (e.g. Water)
% BY VOLUME (Approx.)			MIDDLE 0.00	101 - 500 (e.g. Motor Oil)	
			BOTTOM 0.00	501 - 10,000 (e.g. Molasses)	
			BOILING POINT °F (°C)		MELTING POINT °F (°C)
ODOR NONE <input checked="" type="checkbox"/> MILD STRONG Describe:			<= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> >= 130 (>54)		< 140 (<60) 140-200 (60-93) > 200 (>93)
			TOTAL ORGANIC CARBON		<input checked="" type="checkbox"/> <= 1% 1-9% >= 10%

FLASH POINT °F (°C)	pH	SPECIFIC GRAVITY	ASH	BTU/LB (MJ/kg)
< 73 (<23)	<input checked="" type="checkbox"/> <= 2	< 0.8 (e.g. Gasoline)	< 0.1	<input checked="" type="checkbox"/> < 2,000 (<4.6)
73 - 100 (23-38)	2.1 - 6.9	0.8-1.0 (e.g. Ethanol)	0.1 - 1.0	2,000-5,000 (4.6-11.6)
101 -140 (38-60)	7 (Neutral)	<input checked="" type="checkbox"/> 1.0 (e.g. Water)	1.1 - 5.0	5,000-10,000 (11.6-23.2)
141 -200 (60-93)	7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)	5.1 - 20.0	> 10,000 (>23.2)
<input checked="" type="checkbox"/> > 200 (>93)	>= 12.5	> 1.2 (e.g. Methylene Chloride)		Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
HYDROXYLAMINE, HYDROCHLORIDE	5.0000000	--	10.0000000	%
MERCURY	0.0000000	--	2.0000000	%
MERCURY CHLORIDE	0.0000000	--	1.0000000	%
NITRIC ACID	10.0000000	--	15.0000000	%
POTASSIUM PERMANGANATE	5.0000000	--	10.0000000	%
POTASSIUM PERSULFATE	5.0000000	--	10.0000000	%
SULFURIC ACID	15.0000000	--	20.0000000	%
WATER	40.0000000	--	60.0000000	%

F. REGULATORY STATUS
 YES NO USEPA HAZARDOUS WASTE?

D002 D009
G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S., (SULFURIC ACID, MERCURY), 8, (6.1), PG II
B. WASTE DESCRIPTION

 WASTE DESCRIPTION: NH3/CN

 PROCESS GENERATING WASTE: ANALYTICAL WASTE STREAM

 IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? No
C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID <input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS			VISCOSITY (If liquid present)	COLOR
	<input checked="" type="checkbox"/> 1	2	3	TOP 0.00	<input checked="" type="checkbox"/> 1 - 100 (e.g. Water)
% BY VOLUME (Approx.)			MIDDLE 0.00	101 - 500 (e.g. Motor Oil)	
			BOTTOM 0.00	501 - 10,000 (e.g. Molasses)	
			BOILING POINT °F (°C)		MELTING POINT °F (°C)
ODOR NONE <input checked="" type="checkbox"/> MILD STRONG Describe:			<= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> >= 130 (>54)		< 140 (<60) 140-200 (60-93) > 200 (>93)
			TOTAL ORGANIC CARBON		<input checked="" type="checkbox"/> <= 1% 1-9% >= 10%

FLASH POINT °F (°C)	pH	SPECIFIC GRAVITY	ASH	BTU/LB (MJ/kg)
< 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)	< 0.1	<input checked="" type="checkbox"/> < 2,000 (<4.6)
73 - 100 (23-38)	2.1 - 6.9	0.8-1.0 (e.g. Ethanol)	0.1 - 1.0	2,000-5,000 (4.6-11.6)
101 -140 (38-60)	7 (Neutral)	<input checked="" type="checkbox"/> 1.0 (e.g. Water)	1.1 - 5.0	5,000-10,000 (11.6-23.2)
141 -200 (60-93)	<input checked="" type="checkbox"/> 7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)	5.1 - 20.0	> 10,000 (>23.2)
<input checked="" type="checkbox"/> > 200 (>93)	>= 12.5	> 1.2 (e.g. Methylene Chloride)		Actual:

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D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
BARBITURIC ACID	1.0000000	--	2.0000000	%
CHLORAMINE	1.0000000	--	5.0000000	%
HYDROCHLORIC ACID	1.0000000	--	2.0000000	%
HYDROCYANIC ACID	1.0000000	--	5.0000000	%
HYPOCHLORIDE	1.0000000	--	5.0000000	%
PHENOL	5.0000000	--	10.0000000	%
POTASSIUM DIHYDROGEN PHOSPHATE	5.0000000	--	10.0000000	%
PYRIDINE	5.0000000	--	10.0000000	%
SODIUM HYDROXIDE	40.0000000	--	50.0000000	%
SODIUM NITROPRUSSIDE	5.0000000	--	10.0000000	%

F. REGULATORY STATUS

YES NO USEPA HAZARDOUS WASTE?
D002 D038 U188

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:
UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S., (SODIUM HYDROXIDE, PHENOL), 8, (6.1), PG II

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **SULFATE WASTE STREAM**

PROCESS GENERATING WASTE: **ANALYTICAL TESTING**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID <input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS <input checked="" type="checkbox"/> 1 2 3 TOP 0.00 % BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 0.00		VISCOSITY (if liquid present) <input checked="" type="checkbox"/> 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000	COLOR WHITE
	ODOR <input checked="" type="checkbox"/> NONE MILD STRONG Describe:	BOILING POINT °F (°C) <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> >= 130 (>54)	MELTING POINT °F (°C) < 140 (<60) 140-200 (60-93) > 200 (>93)	TOTAL ORGANIC CARBON <input checked="" type="checkbox"/> <= 1% 1-9% >= 10%
FLASH POINT °F (°C) < 73 (<23) 73 - 100 (23-38) 101 - 140 (38-60) 141 - 200 (60-93) <input checked="" type="checkbox"/> > 200 (>93)	pH <input checked="" type="checkbox"/> <= 2 2.1 - 6.9 7 (Neutral) 7.1 - 12.4 >= 12.5	SPECIFIC GRAVITY < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 > 20 0.1 - 1.0 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
BARIUM CHLORIDE	0.1900000	--	0.1900000	%
GLYCEROL	0.4500000	--	0.4500000	%
HYDROCHLORIC ACID	0.2700000	--	0.2700000	%
ISOPROPYL ALCOHOL	0.7500000	--	0.7500000	%
SODIUM CHLORIDE	0.6800000	--	0.6800000	%
WATER	97.6600000	--	97.6600000	%

F. REGULATORY STATUS

YES NO USEPA HAZARDOUS WASTE?
D002 D005

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:
UN1760, WASTE CORROSIVE LIQUIDS, N.O.S., (HYDROCHLORIC ACID), 8, PG III

Appendix One- Waste Streams

Request for Proposal Number 111124 O3

B. WASTE DESCRIPTION

 WASTE DESCRIPTION: TKN/ TPO4/ CL

 PROCESS GENERATING WASTE: ANALYTICAL WASTE STREAM

 IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? No
C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER <input checked="" type="checkbox"/> MONOLITHIC SOLID LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS <input checked="" type="checkbox"/> 1 2 3 TOP 0.00 MIDDLE 0.00 BOTTOM 0.00 % BY VOLUME (Approx.)			VISCOSITY (If liquid present) <input checked="" type="checkbox"/> 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000	COLOR DARK BLUE/GR EEN
	ODOR <input checked="" type="checkbox"/> NONE MILD STRONG Describe:	BOILING POINT °F (°C) <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> >= 130 (>54)	MELTING POINT °F (°C) < 140 (<60) 140-200 (60-93) > 200 (>93)	TOTAL ORGANIC CARBON <= 1% <input checked="" type="checkbox"/> 1-9% >= 10%	
FLASH POINT °F (°C) < 73 (<23) 73 - 100 (23-38) 101 -140 (38-60) 141 -200 (60-93) <input checked="" type="checkbox"/> > 200 (>93)	pH <input checked="" type="checkbox"/> <= 2 2.1 - 6.9 7 (Neutral) 7.1 - 12.4 >= 12.5	SPECIFIC GRAVITY < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 > 20 0.1 - 1.0 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) < 2,000 (<4.6) <input checked="" type="checkbox"/> 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:	

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
AMMONIUM MOLYBDATE	5.0000000		10.0000000	%
ANTIMONY POTASSIUM TARTRATE	5.0000000		10.0000000	%
ASCORBIC ACID	5.0000000		10.0000000	%
FERRIC NITRATE	5.0000000		10.0000000	%
MERCURIC OXIDE	65.0000000		65.0000000	PPM
MERCURIC THIOCYANATE	51.0000000		51.0000000	PPM
METHANOL	1.0000000		3.0000000	%
SODIUM HYDROXIDE	1.0000000		2.0000000	%
SODIUM NITROPRUSSIDE	1.0000000		5.0000000	%
SULFURIC ACID	40.0000000		50.0000000	%

F. REGULATORY STATUS
 YES NO USEPA HAZARDOUS WASTE?

D002 D009
G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S., (SULFURIC ACID, MERCURIC OXIDE), 8, (6.1), PG III

Appendix One- Waste Streams

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B. WASTE DESCRIPTION

WASTE DESCRIPTION: **TRACE METAL WASTE (TM)**

PROCESS GENERATING WASTE: **ANALYTICAL WASTE STREAM**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER <input checked="" type="checkbox"/> MONOLITHIC SOLID LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS 1 <input checked="" type="checkbox"/> 2 3 TOP 0.00 % BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 0.00			VISCOSITY (If liquid present) 1 - 100 (e.g. Water) <input checked="" type="checkbox"/> 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000	COLOR VARIES
	ODOR NONE <input checked="" type="checkbox"/> MILD STRONG Describe:	BOILING POINT °F (°C) <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> >= 130 (>54)	MELTING POINT °F (°C) < 140 (<60) 140-200 (60-93) > 200 (>93)	TOTAL ORGANIC CARBON <input checked="" type="checkbox"/> <= 1% 1-9% >= 10%	
FLASH POINT °F (°C) < 73 (<23) 73 - 100 (23-38) 101 - 140 (38-60) 141 - 200 (60-93) <input checked="" type="checkbox"/> > 200 (>93)	pH <input checked="" type="checkbox"/> <= 2 2.1 - 6.9 7 (Neutral) 7.1 - 12.4 >= 12.5	SPECIFIC GRAVITY < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 0.1 - 1.0 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:	

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
ARSENIC TRIOXIDE	1.0000000	--	5.0000000	%
BARIUM CHLORIDE	0.0000000	--	1.0000000	%
CADMIUM	0.0000000	--	1.0000000	%
COPPER SULFATE	0.0000000	--	1.0000000	%
LEAD NITRATE	0.0000000	--	1.0000000	%
NICKEL NITRATE	0.0000000	--	1.0000000	%
NITRIC ACID	0.0000000	--	20.0000000	%
POTASSIUM CHROMATE	0.0000000	--	1.0000000	%
SELENIUM OXIDE	3.0000000	--	4.0000000	%
SILVER	0.0000000	--	1.0000000	%

F. REGULATORY STATUS

YES NO USEPA HAZARDOUS WASTE?

D002 D004 D005 D006 D007 D008 D010 D011

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S., (NITRIC ACID, BARIUM CHLORIDE), 8, (6.1), PG III

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **EPA AUDIT VIALS WITH <50PPM PCB'S**

PROCESS GENERATING WASTE: **LABORATORY ANALYSIS / DISCARDE**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER?

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER <input checked="" type="checkbox"/> MONOLITHIC SOLID LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS 1 2 <input checked="" type="checkbox"/> 3 TOP 0.00 % BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 0.00			VISCOSITY (If liquid present) 1 - 100 (e.g. Water) <input checked="" type="checkbox"/> 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000	COLOR SMALL LAB VIALS
	ODOR <input checked="" type="checkbox"/> NONE MILD STRONG Describe:	BOILING POINT °F (°C) <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> >= 130 (>54)	MELTING POINT °F (°C) < 140 (<60) 140-200 (60-93) > 200 (>93)	TOTAL ORGANIC CARBON <= 1% 1-9% >= 10%	
FLASH POINT °F (°C) < 73 (<23) <input checked="" type="checkbox"/> 73 - 100 (23-38) 101 - 140 (38-60) 141 - 200 (60-93) > 200 (>93)	pH <= 2 2.1 - 6.9 7 (Neutral) 7.1 - 12.4 >= 12.5	SPECIFIC GRAVITY < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 0.1 - 1.0 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:	

Appendix One- Waste Streams

Request for Proposal Number 111124 O3

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	MAX	UOM
D001 CHARACTERISTIC OF IGNITAB.	--	--	Trace
PCB SAMPLES W/ LESS THAN 50PPM.	0	0.000000	%
PESTICIDE SAMPLES BELOW RCRA L.	--	--	Trace
SMALL LAB VIALS CONTAINING:	100.000000	100.000000	%
SPECIFIC GRAVITY	0.700000	0.700000	%
STATUS.	0	0	%
VOLATILE AROMATIC HYDROCARBON .	--	--	Trace
WATER SAMPLES	--	--	Trace

F. REGULATORY STATUS

YES NO USEPA HAZARDOUS WASTE?

D001

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (VOLATILE AROMATIC HYDROCARBONS), 3, PG II