5.0 CONCLUSIONS

In general, PCBs and lead appear to be present in all materials sampled and appear to be concentrated in the dust, dirt and finely shredded organic material (e.g., foam, wire wrapping, etc.) associated with each process stream.

The two process stream materials containing the highest concentrations of PCBs and/or lead are the baghouse dust and separator table fluff. Both materials consist entirely of dust, dirt and finely shredded organic material. These materials consistently and clearly exceeded the 50 ppm threshold level for PCBs and must therefore be managed and disposed of as a PCB waste in accordance with the PCB rules under 40 CFR Part 761.

The air table fluff also consistently and clearly exceeded the 5 mg/l threshold level for TCLP lead and must therefore be additionally managed and disposed of as a hazardous waste in accordance with the hazardous waste regulations under 40 CFR Part 260. Statistical analysis on the baghouse dust indicates that it does not exceed the TCLP lead standard.

The copper fines appear to be below 50 ppm of PCBs based on the statistical analysis. However, one of the three analyses exceeded 50 ppm by a wide margin so four (4) additional rounds of sampling for PCBs (for a total of 7 rounds) will be performed to better characterize the concentration of PCBs over the long term. The samples will also be analyzed for lead since one of the three samples exceeded the 1300 ppm "TCLP-equivalent" standard for lead. If it appears that the 1300 ppm "TCLP-equivalent" standard is exceeded, one or two of the samples will be additionally analyzed for TCLP lead.

Statistical analyses on the scrap copper and scrap steel results indicate that both materials are below the 50 ppm threshold level for PCBs and the 1300 ppm "TCLP-equivalent" level for lead.

Finally, the shredder pickings also appear to be below the 50 ppm threshold level for PCBs based on the first round of sampling. The first round of sampling resulted in a determination that the PCBs are concentrated in the fine material and the fine material comprises a small percentage of a typical load of shredder pickings. In a worst case scenario, even if a load of shredder pickings contained 5-10 times the proportion of fine material, as represented by baghouse dust and copper fines, the load would still fall under the 50 ppm threshold for PCBs.

Although the second round of sampling on the shredder pickings did not confirm the first round, the second round sampleis not considered representative due the wide variance between the sample and its duplicate.

Except for the copper fines and pavement sweepings, which will be sampled on an ongoing basis for another year at least, continued sampling of the process streams is not considered necessary unless either the regulations change or different materials are processed. Addendum 1 to the sampling plan and Section VIII of the operating plan provide further detail on the schedule of ongoing sampling and the protocol that will be followed.

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

07/25/1995

NET Job Number: 95.05131

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130
A2LA Cert. No.: 0453-01

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of NET, Inc. for analysis.

Project Description: Process Stream Sampling; C055-076

Sample Number	Sample Description	Date Taken	Date Received
313381	BDC-1	07/13/1995	07/14/1995
313382	STF-1	07/13/1995	07/14/1995
313383	BDS-1	07/13/1995	07/14/1995
313384	CF-1	07/13/1995	07/14/1995
313385	CS-1	07/13/1995	07/14/1995
313386	SP-BD-1	07/13/1995	07/14/1995
313387	SP-CS-1	07/13/1995	07/14/1995
313388	SS-1	07/13/1995	07/14/1995
313389	SP-SS-1	07/14/1995	07/14/1995
313390	SP-CF-1B	07/14/1995	07/14/1995

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow NET Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. NET has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:

Jean-Pierre C. Rouanet
Operations Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

07/25/1995

Sample No. : 313381

NET Job No.: 95.05131

Sample Description: BDC-1
Process Stream Sampling; C055-076

Date Taken: 07/13/1995
Time Taken: 11:25

Date Received: 07/14/1995
Time Received: 16:32

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.0		%	0.1	07/20/1995	rkw	2540 (4)
TCLP Metals Extraction	Leached				07/19/1995	kab	1311 (1)
TCLP-Lead, ICP	<0.080		mg/L	0.080	07/25/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/18/1995	btl	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1221	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1232	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1242	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1248	195,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1254	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1260	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	07/23/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	07/23/1995	seh	8080 (1)

D1000 : Parameter analysis performed at a 1000x dilution.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

07/25/1995

Sample No. : 313382

NET Job No.: 95.05131

Sample Description: STF-1
Process Stream Sampling; C055-076

Date Taken: 07/13/1995
Time Taken: 08:50

Date Received: 07/14/1995
Time Received: 16:32

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.4		%	0.1	07/20/1995	rkw	2540 (4)
TCLP Metals Extraction	Leached				07/19/1995	kab	1311 (1)
TCLP-Lead, ICP	51.9		mg/L	0.080	07/25/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/18/1995	btl	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<25,000	D500	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1221	<25,000	D500	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1232	<25,000	D500	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1242	<25,000	D500	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1248	129,000	D500	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1254	<25,000	D500	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1260	<25,000	D500	ug/kg	50	07/23/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	07/23/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	07/23/1995	seh	8080 (1)

D500 : Parameter analysis performed at a 500x dilution.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

07/25/1995

Sample No. : 313383

NET Job No.: 95.05131

Sample Description: BDS-1
Process Stream Sampling; C055-076

Date Taken: 07/13/1995
Time Taken: 11:45

Date Received: 07/14/1995
Time Received: 16:32

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	98.4		%	0.1	07/20/1995	rkw	2540 (4)
TCLP Metals Extraction	Leached				07/19/1995	kab	1311 (1)
TCLP-Lead, ICP	0.140		mg/L	0.080	07/25/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/18/1995	btl	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1221	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1232	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1242	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1248	224,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1254	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1260	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	07/23/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	07/23/1995	seh	8080 (1)

D1000 : Parameter analysis performed at a 1000x dilution.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

07/25/1995

Sample No. : 313384

NET Job No.: 95.05131

Sample Description: CF-1
Process Stream Sampling; C055-076

Date Taken: 07/13/1995
Time Taken: 13:20

Date Received: 07/14/1995
Time Received: 16:32

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.8		%	0.1	07/20/1995	rkw	2540 (4)
Lead, ICP	2,100		ug/g	4.0	07/25/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/18/1995	btl	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1221	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1232	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1242	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1248	19,000	D100	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1254	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1260	<50		ug/kg	50	07/21/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	90.0		%	31-128	07/21/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Masked		%	29-128	07/21/1995	seh	8080 (1)

D100 : Parameter analysis performed at a 100x dilution.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

07/25/1995

Sample No. : 313385

NET Job No.: 95.05131

Sample Description: CS-1
Process Stream Sampling; C055-076

Date Taken: 07/13/1995
Time Taken: 09:45

Date Received: 07/14/1995
Time Received: 16:32

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.6		%	0.1	07/20/1995	rkw	2540 (4)
Lead, ICP	<4.0		ug/g	4.0	07/25/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/18/1995	btl	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1221	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1232	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1242	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1248	23,000	D100	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1254	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1260	<50		ug/kg	50	07/21/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	106.0		%	31-128	07/21/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Masked		%	29-128	07/21/1995	seh	8080 (1)

D100 : Parameter analysis performed at a 100x dilution.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

07/25/1995

Sample No. : 313386

NET Job No.: 95.05131

Sample Description: SP-BD-1
Process Stream Sampling; C055-076

Date Taken: 07/13/1995
Time Taken: 15:45

Date Received: 07/14/1995
Time Received: 16:32

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	97.5		%	0.1	07/20/1995	rkw	2540 (4)
Lead, ICP	1,300		ug/g	4.0	07/25/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/18/1995	btl	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1221	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1232	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1242	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1248	280,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1254	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1260	<50,000	D1000	ug/kg	50	07/23/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	07/23/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	07/23/1995	seh	8080 (1)

D1000 : Parameter analysis performed at a 1000x dilution.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

07/25/1995

Sample No. : 313387

NET Job No.: 95.05131

Sample Description: SP-CS-1
Process Stream Sampling; C055-076

Date Taken: 07/13/1995
Time Taken: 15:00

Date Received: 07/14/1995
Time Received: 16:32

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	100		%	0.1	07/20/1995	rkw	2540 (4)
Lead, ICP	81		ug/g	4.0	07/25/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/18/1995	btl	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1221	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1232	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1242	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1248	8,100	D50	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1254	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1260	<50		ug/kg	50	07/21/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	107.0		%	31-128	07/21/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Masked		%	29-128	07/21/1995	seh	8080 (1)

D50 : Parameter analysis performed at a 50x dilution.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

07/25/1995

Sample No. : 313388

NET Job No.: 95.05131

Sample Description: SS-1
Process Stream Sampling; C055-076

Date Taken: 07/13/1995
Time Taken: 13:50

Date Received: 07/14/1995
Time Received: 16:32

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.1		%	0.1	07/20/1995	rkw	2540 (4)
Lead, ICP	2,200		ug/g	4.0	07/25/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/18/1995	btl	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1221	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1232	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1242	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1248	350	D2	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1254	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1260	<50		ug/kg	50	07/21/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	116.0		%	31-128	07/21/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Masked		%	29-128	07/21/1995	seh	8080 (1)

D2 : Parameter analysis performed at a 2x dilution.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

07/25/1995

Sample No. : 313389

NET Job No.: 95.05131

Sample Description: SP-SS-1
Process Stream Sampling; C055-076

Date Taken: 07/14/1995
Time Taken: 14:05

Date Received: 07/14/1995
Time Received: 16:32

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	100		%	0.1	07/20/1995	rkw	2540 (4)
Lead, ICP	1,700		ug/g	4.0	07/25/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/18/1995	btl	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1221	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1232	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1242	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1248	830	D5	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1254	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1260	<50		ug/kg	50	07/21/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	120.0		%	31-128	07/21/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	124.0		%	29-128	07/21/1995	seh	8080 (1)

D5 : Parameter analysis performed at a 5x dilution.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

07/25/1995

Sample No. : 313390

NET Job No.: 95.05131

Sample Description: SP-CF-1B
Process Stream Sampling; C055-076

Date Taken: 07/14/1995
Time Taken: 11:50

Date Received: 07/14/1995
Time Received: 16:32

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.6		%	0.1	07/20/1995	rkw	2540 (4)
Lead, ICP	1,200		ug/g	4.0	07/25/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/18/1995	btl	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1221	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1232	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1242	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1248	39,000	D500	ug/kg	50	07/23/1995	seh	8080 (1)
PCB-1254	<50		ug/kg	50	07/21/1995	seh	8080 (1)
PCB-1260	<50		ug/kg	50	07/21/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	116.0		%	31-128	07/21/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Masked		%	29-128	07/21/1995	seh	8080 (1)

D500 : Parameter analysis performed at a 500x dilution.

OCEAN GROUP

NET Midwest, Bartlett Division

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in the results column indicates the analyte was not detected at or above the reported value.
mg/L	:	Concentration in units of milligrams of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm).
ug/g	:	Concentration in units of micrograms of analyte per gram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg.
ug/L	:	Concentration in units of micrograms of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb).
ug/Kg	:	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb).
B	:	Sample result flag indicating that the analyte was also found in the method blank analysis. The value after the B indicates the concentration found in the blank analysis.
D	:	Sample result flag indicating that the reported concentration is from an analysis performed at a dilution. The value following the D indicates the dilution factor of the analysis.
J	:	Sample result flag indicating that the reported concentration is below the routine reporting limit but greater than the Method Detection Limit. The value should be considered estimated.
TCLP	:	These initials appearing in front of an analyte name indicate that the Toxicity Characteristic Leaching Procedure (TCLP) was performed for this test.
%	:	Percent; To convert ppm to %, divide the result by 10,000. To convert % to ppm, multiply the result by 10,000.
Dry Weight (dw)	:	When indicated, the results are reported on a dry weight basis. The contribution of the moisture content in the sample is subtracted when calculating the concentration of the analyte.
ICP	:	Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy.
AA	:	Indicates analysis was performed using Atomic Absorption Spectroscopy.
GFAA	:	Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
PQL	:	Practical Quantitation Limit; the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

Method References

(1) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986.

(2) ASTM "American Society for Testing Materials

(3) Methods 100 through 499: see "Methods for Chemical Analysis of Water and Wastes", USEPA, 600/4-79-020, Rev. 1983.

(4) See "Standard Methods for the Examination of Water and Wastewater", 17th Ed, APHA, 1989.

(5) Methods 600 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants", USEPA Federal Register Vol. 49 No. 209, October 1984.

(6) Methods 500 through 599: see "Methods for the Determination of Organic Compounds in Drinking Water," USEPA 600/4-88/039, Rev. 1988.

NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTO. / RECORD

COMPANY Chicago International Exporting
ADDRESS 4020 S. Wentworth Chicago 60609
PHONE 312 924-4004 FAX
PROJECT NAME/LOCATION Process Stream Sampling
PROJECT NUMBER 6055-076
PROJECT MANAGER Glen Anderson

REPORT TO: International Engineers
INVOICE TO: Chicago Int. Exp.
P.O. NO.
NET QUOTE NO. 95-0404

SAMPLED BY Glen Anderson (PRINT NAME) — Glen Anderson SIGNATURE
(PRINT NAME) — SIGNATURE

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes ___ No ___
Is this work being conducted for regulatory enforcement action? Yes X No ___
Which regulations apply: RCRA ___ NPDES Wastewater ___ UST ___ Drinking Water ___ CERCLA ___ Other X ___ None ___

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: PCB 8080	Lead 7420	TCLP lead 1311							COMMENTS
7-13	1125	~~BD-1~~ 6PA BDC-1	S							4	X		X							Run SP Sample Per C.O.C.
7-13	1320	CF-1	S							2	X	X								Colen Anderson 7/17/95
7-13	0945	CS-1	S							4	X	X								
7-13	0850	STF-1	S							4	X		X							
7-13	1145	BDS-1	S						6PA	4	X		X							
7-13	1545	SP-BD-1	S							4	X	X								~~Wait for instructions~~ Run Per C.O.C.
7-13	1500	SP-CS-1	S						6PA	2	X	X								
~~7-13~~	~~1530~~	~~SP-CF-1~~ 6PA 7-14	S							2	X	X								Do not analyze
7-13	1350	SS-1	S							2	X	X								
7-14	1405	SP-SS-1	S							2	X	X								~~Wait for instructions~~ Run Per C.O.C.
7-14	1150	SP-CF-1B	S							2	X	X								

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO N/A
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? ~~YES / NO~~ N/A
TEMPERATURE UPON RECEIPT: 0°C
Bottles supplied by NET? YES / NO
ON ICE

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS DATE

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
Glen Anderson	7-14-95	1632		Glen Anderson	7/14/95	1632	D.W.

METHOD OF SHIPMENT: Drop off by me

REMARKS: I (Glen Anderson) will call Brian Wanner to provide further instructions on "SP" samples. They will have to be combined a certain way.

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

CHAIN OF CUSTODY

A chain of custody is one of the first steps in sample control in the laboratory. The chain of custody is a "contract" between the client and the laboratory to insure that all information from the client is transmitted to the laboratory in an ordered fashion.

Procedure

A A three copy chain of custody shall be used. A ball-point pen, either blue or black shall be used, pressing hard to make all three copies.

B Writing legibly, or printing fill out the chain of custody as follows:

1. Name of Company
   Address of Company
   Phone and Fax Number
2. Project Name/Location
   Project Number
   Project Manager
3. Report To
   Name and Address, if different from above (enter in remark section)
4. Invoice to
   Name and Address, if different from above (enter in remark section)
5. Purchase Order Number and NET Quote Number (if applicable)
6. Sample Information
   Date and Time
   Sample ID/Description
   Grab or Comp
   # of Containers/Type
   Matrix
   Preserved - Y/N
7. Parameters to be tested on samples
   Check parameter squares with sample descriptions
8. Comments
   Special Methods and Detection Limits
   Known Sample Contamination
9. Sample Disposal Instructions

THE WORK WILL BE UNDERTAKEN IN ACCORDANCE WITH NET'S STANDARD TERMS AND CONDITIONS, WHICH INCLUDE THE REQUIREMENT THAT PAYMENT IS DUE WITHIN THIRTY (30) DAYS FROM THE DATE OF INVOICE.

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/07/1995

NET Job Number: 95.05396

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130
A2LA Cert. No.: 0453-01

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of NET, Inc. for analysis.

Project Description: CIE C055-

Sample Number	Sample Description	Date Taken	Date Received
314609	STF-2; Composite	07/24/1995	07/24/1995
314610	BDC-2; Composite	07/24/1995	07/24/1995
314611	BDS-2; Composite	07/24/1995	07/24/1995
314612	CF-2; Composite	07/24/1995	07/24/1995
314613	CS-2; Composite	07/24/1995	07/24/1995
314614	SS-2; Composite	07/24/1995	07/24/1995

RECEIVED AUG -9 1995

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow NET Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. NET has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:

Jean-Pierre C. Rouanet
Operations Manager

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/07/1995

Sample No. : 314609

NET Job No.: 95.05396

Sample Description: STF-2; Composite
CIE C055-

Date Taken: 07/24/1995
Time Taken: 09:00

Date Received: 07/24/1995
Time Received: 16:48

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.4		%	0.1	08/01/1995	seh	2540 (4)
TCLP Metals Extraction	leached				07/27/1995	seh	1311 (1)
TCLP-Lead, ICP	29.3		mg/L	0.080	08/02/1995	mic	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/26/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1221	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1232	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1242	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1248	71,000	DX	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1254	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1260	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	07/29/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	07/29/1995	seh	8080 (1)

D : Parameter analyzed at a dilution due to matrix interference.
DX : Parameter exceeds calibration range, analysis performed on a dilution.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/07/1995

Sample No. : 314610

NET Job No.: 95.05396

Sample Description: BDC-2; Composite
CIE C055-

Date Taken: 07/24/1995
Time Taken: 09:30

Date Received: 07/24/1995
Time Received: 16:48

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	98.4		%	0.1	08/01/1995	seh	2540 (4)
TCLP Metals Extraction	leached				07/27/1995	seh	1311 (1)
TCLP-Lead, ICP	3.81		mg/L	0.080	08/02/1995	mic	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/26/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1221	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1232	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1242	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1248	76,000	DX	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1254	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1260	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	07/29/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	07/29/1995	seh	8080 (1)

D : Parameter analyzed at a dilution due to matrix interference.
DX : Parameter exceeds calibration range, analysis performed on a dilution

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/07/1995

Sample No. : 314611

NET Job No.: 95.05396

Sample Description: BDS-2; Composite
CIE C055-

Date Taken: 07/24/1995
Time Taken: 10:00

Date Received: 07/24/1995
Time Received: 16:48

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	95.2		%	0.1	08/01/1995	seh	2540 (4)
TCLP Metals Extraction	leached				07/27/1995	seh	1311 (1)
TCLP-Lead, ICP	<0.080		mg/L	0.080	08/02/1995	mic	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				07/26/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1221	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1232	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1242	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1248	274,000	DX	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1254	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1260	<25,000	D	ug/kg	50	07/29/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	07/29/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	07/29/1995	seh	8080 (1)

D : Parameter analyzed at a dilution due to matrix interference.
DX : Parameter exceeds calibration range, analysis performed on a dilution

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/07/1995

Sample No. : 314612

NET Job No.: 95.05396

Sample Description: CF-2; Composite
CIE C055-

Date Taken: 07/24/1995
Time Taken: 10:45

Date Received: 07/24/1995
Time Received: 16:48

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.2		%	0.1	08/01/1995	seh	2540 (4)
Lead, GFAA	481		ug/g	0.25	08/02/1995	mic	7421 (1)
Prep PCBs 8080 NonAqueous	extracted				07/26/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1221	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1232	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1242	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1248	31,000	DX	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1254	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1260	<50		ug/kg	50	07/27/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	Masked		%	31-128	07/27/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	69.0		%	29-128	07/27/1995	seh	8080 (1)

DX : Parameter exceeds calibration range, analysis performed on a dilution

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/07/1995

Sample No. : 314613

NET Job No.: 95.05396

Sample Description: CS-2; Composite
CIE C055-

Date Taken: 07/24/1995
Time Taken: 11:25

Date Received: 07/24/1995
Time Received: 16:48

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.9		%	0.1	08/01/1995	seh	2540 (4)
Lead, GFAA	350		ug/g	0.25	08/04/1995	mic	7421 (1)
Prep PCBs 8080 NonAqueous	extracted				07/26/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1221	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1232	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1242	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1248	19,000	DX	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1254	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1260	<50		ug/kg	50	07/27/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	67.0		%	31-128	07/27/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	119.0		%	29-128	07/27/1995	seh	8080 (1)

DX : Parameter exceeds calibration range, analysis performed on a dilution

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/07/1995

Sample No. : 314614

NET Job No.: 95.05396

Sample Description: SS-2; Composite
CIE C055-

Date Taken: 07/24/1995
Time Taken: 11:05

Date Received: 07/24/1995
Time Received: 16:48

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.7		%	0.1	08/01/1995	seh	2540 (4)
Lead, GFAA	84.7		ug/g	0.25	08/02/1995	mic	7421 (1)
Prep PCBs 8080 NonAqueous	extracted				07/26/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1221	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1232	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1242	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1248	940	DX	ug/kg	50	07/29/1995	seh	8080 (1)
PCB-1254	<50		ug/kg	50	07/27/1995	seh	8080 (1)
PCB-1260	<50		ug/kg	50	07/27/1995	seh	8080 (1)
Surr: Tetrachloroxylene (TCX)	112.0		%	31-128	07/27/1995	seh	8080 (1)
Surr: Decachlorobiphenyl (DCB)	44.0		%	29-128	07/27/1995	seh	8080 (1)

DX : Parameter exceeds calibration range, analysis performed on a dilution

OCEAN GROUP

NET Midwest, Bartlett Division

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in the results column indicates the analyte was not detected at or above the reported value.
mg/L	:	Concentration in units of milligrams of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm).
ug/g	:	Concentration in units of micrograms of analyte per gram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg.
ug/L	:	Concentration in units of micrograms of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb).
ug/Kg	:	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb).
B	:	Sample result flag indicating that the analyte was also found in the method blank analysis. The value after the B indicates the concentration found in the blank analysis.
D	:	Sample result flag indicating that the reported concentration is from an analysis performed at a dilution. The value following the D indicates the dilution factor of the analysis.
J	:	Sample result flag indicating that the reported concentration is below the routine reporting limit but greater than the Method Detection Limit. The value should be considered estimated.
TCLP	:	These initials appearing in front of an analyte name indicate that the Toxicity Characteristic Leaching Procedure (TCLP) was performed for this test.
%	:	Percent; To convert ppm to %, divide the result by 10,000. To convert % to ppm, multiply the result by 10,000.
Dry Weight (dw)	:	When indicated, the results are reported on a dry weight basis. The contribution of the moisture content in the sample is subtracted when calculating the concentration of the analyte.
ICP	:	Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy.
AA	:	Indicates analysis was performed using Atomic Absorption Spectroscopy.
GFAA	:	Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
PQL	:	Practical Quantitation Limit; the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

Method References

(1) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986.

(2) ASTM "American Society for Testing Materials

(3) Methods 100 through 499: see "Methods for Chemical Analysis of Water and Wastes", USEPA, 600/4-79-020, Rev. 1983.

(4) See "Standard Methods for the Examination of Water and Wastewater", 17th Ed, APHA, 1989.

(5) Methods 600 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants", USEPA Federal Register Vol. 49 No. 209, October 1984.

(6) Methods 500 through 599: see "Methods for the Determination of Organic Compounds in Drinking Water," USEPA 600/4-88/039, Rev. 1988.

NET ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY: Chicago International Exporting
ADDRESS: 4020 S. Wentworth
PHONE: 312/924-4004 FAX: 708-260-0797
PROJECT NAME/LOCATION: CIE
PROJECT NUMBER: 6055-
PROJECT MANAGER: Glen Anderson / International Engineers

REPORT TO: Int. Eng.
INVOICE TO: Chi. Int. Exp.
P.O. NO.
NET QUOTE NO.

SAMPLED BY: Glen Anderson (PRINT NAME) SIGNATURE: Glen Anderson
(PRINT NAME) SIGNATURE:

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: PCBs 8080	TCLP lead	lead
7-24	0900	STF-2 *			X					1	X	X	
7-24	0930	BDC-2			X					1	X	X	
7-24	1045	CF-2			X					1	X		X
7-24	1000	BDS-2			X					1	X	X	
7-24	1125	CS-2			X					1	X		X
7-24	1105	SS-2			X					1	X		X

To assist us in selecting the proper method

Is this work being conducted for regulatory compliance monitoring? Yes ___ No ___

Is this work being conducted for regulatory enforcement action? Yes X No ___

Which regulations apply: RCRA ___ NPDES Wastewater ___ UST ___ Drinking Water ___ Other X CERCLA None ___

COMMENTS

* Run Total lead & there is insufficient sample for TCLP-PB. Per Glen Anderson 7/24/95 B.

7-day TAT.

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO FIELD FILTERED? YES / NO N/A COC SEALS PRESENT AND INTACT? YES / NO VOLATILES FREE OF HEADSPACE? YES / NO N/A TEMPERATURE UPON RECEIPT: Not in cooler Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA ___ I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS X DATE ___

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
Glen Anderson	7-24-95			Glen Anderson	7-24-95	16:48	Karen L Valdez

METHOD OF SHIPMENT

REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

CHAIN OF CUSTODY

A chain of custody is one of the first steps in sample control in the laboratory. The chain of custody is a "contract" between the client and the laboratory to insure that all information from the client is transmitted to the laboratory in an ordered fashion.

Procedure

A A three copy chain of custody shall be used. A ball-point pen, either blue or black shall be used, pressing hard to make all three copies.

B Writing legibly, or printing fill out the chain of custody as follows:

1. Name of Company
   Address of Company
   Phone and Fax Number
2. Project Name/Location
   Project Number
   Project Manager
3. Report To
   Name and Address, if different from above (enter in remark section)
4. Invoice to
   Name and Address, if different from above (enter in remark section)
5. Purchase Order Number and NET Quote Number (if applicable)
6. Sample Information
   Date and Time
   Sample ID/Description
   Grab or Comp
   # of Containers/Type
   Matrix
   Preserved - Y/N
7. Parameters to be tested on samples
   Check parameter squares with sample descriptions
8. Comments
   Special Methods and Detection Limits
   Known Sample Contamination
9. Sample Disposal Instructions

THE WORK WILL BE UNDERTAKEN IN ACCORDANCE WITH NET'S STANDARD TERMS AND CONDITIONS, WHICH INCLUDE THE REQUIREMENT THAT PAYMENT IS DUE WITHIN THIRTY (30) DAYS FROM THE DATE OF INVOICE.

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/22/1995

NET Job Number: 95.06097

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130
A2LA Cert. No.: 0453-01

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of NET, Inc. for analysis.

Project Description: CIE

Sample Number	Sample Description	Date Taken	Date Received
317187	CF-3; Composite	08/14/1995	08/14/1995
317188	SP-2D; Composite	08/14/1995	08/14/1995
317189	CS-3; Composite	08/14/1995	08/14/1995
317190	SP-2; Composite	08/14/1995	08/14/1995
317191	SS-3; Composite	08/14/1995	08/14/1995
317192	BDSC-3; Composite	08/14/1995	08/14/1995
317193	STF-3; Composite	08/14/1995	08/14/1995

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow NET Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. NET has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:
Mary Pearson
Mary Pearson
Project Manager

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/22/1995

Sample No. : 317187

NET Job No.: 95.06097

Sample Description: CF-3; Composite
CIE

Date Taken: 08/14/1995
Time Taken: 12:10

Date Received: 08/14/1995
Time Received: 15:00

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.2		%	0.1	08/16/1995	sdf	2540 (4)
Lead, ICP	230		ug/g	4.0	08/22/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				08/15/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<25,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1221	<25,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1232	<25,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1242	<25,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1248	165,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1254	<25,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1260	<25,000		ug/kg	50	08/20/1995	llr	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	08/20/1995	llr	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	08/20/1995	llr	8080 (1)

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/22/1995

Sample No. : 317189

NET Job No.: 95.06097

Sample Description: CS-3; Composite
CIE

Date Taken: 08/14/1995
Time Taken: 09:05

Date Received: 08/14/1995
Time Received: 15:00

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.8		%	0.1	08/16/1995	sdf	2540 (4)
Lead, ICP	<80	D	ug/g	4.0	08/22/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				08/15/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1221	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1232	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1242	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1248	80,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1254	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1260	<500		ug/kg	50	08/20/1995	llr	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	08/20/1995	llr	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	08/20/1995	llr	8080 (1)

D : Parameter analyzed at a dilution due to matrix interference.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/22/1995

Sample No. : 317188

NET Job No.: 95.06097

Sample Description: SP-2D; Composite CIE

Date Taken: 08/14/1995
Time Taken: 13:00

Date Received: 08/14/1995
Time Received: 15:00

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.7		%	0.1	08/16/1995	sdf	2540 (4)
Lead, ICP	<20	D	ug/g	4.0	08/22/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				08/15/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1221	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1232	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1242	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1248	2,900		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1254	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1260	<500		ug/kg	50	08/20/1995	llr	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	08/20/1995	llr	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	08/20/1995	llr	8080 (1)

D : Parameter analyzed at a dilution due to matrix interference.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/22/1995

Sample No. : 317190

NET Job No.: 95.06097

Sample Description: SP-2; Composite
CIE

Date Taken: 08/14/1995
Time Taken: 13:00

Date Received: 08/14/1995
Time Received: 15:00

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.7		%	0.1	08/16/1995	sdf	2540 (4)
Lead, ICP	<80	D	ug/g	4.0	08/22/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				08/15/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1221	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1232	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1242	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1248	63,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1254	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1260	<500		ug/kg	50	08/20/1995	llr	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	08/20/1995	llr	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	08/20/1995	llr	8080 (1)

D : Parameter analyzed at a dilution due to matrix interference.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/22/1995

Sample No. : 317191

NET Job No.: 95.06097

Sample Description: SS-3; Composite
CIE

Date Taken: 08/14/1995
Time Taken: 13:15

Date Received: 08/14/1995
Time Received: 15:00

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.8		%	0.1	08/16/1995	sdf	2540 (4)
Lead, ICP	220		ug/g	4.0	08/22/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				08/15/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1221	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1232	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1242	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1248	7,800		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1254	<500		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1260	<500		ug/kg	50	08/20/1995	llr	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	08/20/1995	llr	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	08/20/1995	llr	8080 (1)

D : Parameter analyzed at a dilution due to matrix interference.

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/22/1995

Sample No. : 317192

NET Job No.: 95.06097

Sample Description: BDSC-3; Composite CIE

Date Taken: 08/14/1995
Time Taken:

Date Received: 08/14/1995
Time Received: 15:00

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	96.6		%	0.1	08/16/1995	sdf	2540 (4)
TCLP Metals Extraction	Leached				08/17/1995	kab	1311 (1)
TCLP-Lead, ICP	0.376		mg/L	0.080	08/22/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				08/15/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1221	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1232	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1242	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1248	283,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1254	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1260	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	08/20/1995	llr	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	08/20/1995	llr	8080 (1)

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/22/1995

Sample No. : 317193

NET Job No.: 95.06097

Sample Description: STF-3; Composite CIE

Date Taken: 08/14/1995
Time Taken: 10:25

Date Received: 08/14/1995
Time Received: 15:00

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	99.0		%	0.1	08/16/1995	sdf	2540 (4)
TCLP Metals Extraction	Leached				08/17/1995	kab	1311 (1)
TCLP-Lead, ICP	37.8		mg/L	0.080	08/22/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				08/15/1995	tls	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1221	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1232	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1242	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1248	140,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1254	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
PCB-1260	<5,000		ug/kg	50	08/20/1995	llr	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	08/20/1995	llr	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	08/20/1995	llr	8080 (1)

OCEAN GROUP

NET Midwest, Bartlett Division

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in the results column indicates the analyte was not detected at or above the reported value.
mg/L	:	Concentration in units of milligrams of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm).
ug/g	:	Concentration in units of micrograms of analyte per gram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg.
ug/L	:	Concentration in units of micrograms of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb).
ug/Kg	:	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb).
B	:	Sample result flag indicating that the analyte was also found in the method blank analysis. The value after the B indicates the concentration found in the blank analysis.
D	:	Sample result flag indicating that the reported concentration is from an analysis performed at a dilution. The value following the D indicates the dilution factor of the analysis.
J	:	Sample result flag indicating that the reported concentration is below the routine reporting limit but greater than the Method Detection Limit. The value should be considered estimated.
TCLP	:	These initials appearing in front of an analyte name indicate that the Toxicity Characteristic Leaching Procedure (TCLP) was performed for this test.
%	:	Percent; To convert ppm to %, divide the result by 10,000. To convert % to ppm, multiply the result by 10,000.
Dry Weight (dw)	:	When indicated, the results are reported on a dry weight basis. The contribution of the moisture content in the sample is subtracted when calculating the concentration of the analyte.
ICP	:	Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy.
AA	:	Indicates analysis was performed using Atomic Absorption Spectroscopy.
GFAA	:	Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
PQL	:	Practical Quantitation Limit; the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

Method References

(1) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986.

(2) ASTM "American Society for Testing Materials

(3) Methods 100 through 499: see "Methods for Chemical Analysis of Water and Wastes", USEPA, 600/4-79-020, Rev. 1983.

(4) See "Standard Methods for the Examination of Water and Wastewater", 17th Ed, APHA, 1989.

(5) Methods 600 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants", USEPA Federal Register Vol. 49 No. 209, October 1984.

(6) Methods 500 through 599: see "Methods for the Determination of Organic Compounds in Drinking Water," USEPA 600/4-88/039, Rev. 1988.

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

CHAIN OF CUSTODY

p. 1 of 2

Client Chicago International Export.	Project Name CIE
Send Report to: Glen Anderson	
Address 1776	Collected by:
Telephone # 708/260-0200	Glen Anderson

Collection Information								Parameters															
Sample ID	~~Sampling Location~~ GPA Comments	Date	Time	GRAB	COMP	Sample Type	No. of Container	TLLP Lead	PLBS Lead	Lead													
CF-3	~~Do n~~ GPA	8/14	1210		X	S	1		X	X													
SP-2D		8/14	1300		X	S	1		X	X													
S-3		8/14	0905		X	S	1		X	X													
STFF-3	Do not run	8/14	1025		X	S	1	X	X														
3DSC-3		8/14			X	S	1	X	X														
CFD-3	8-14 GPA Do not ~~Do not run~~ run	8/14	1210		X	S	1		X	X													
SD-3	Do not run	8/14	0905			S	1		X	X													
SP-2		8/14	1300		X	S	1		X	X													
STF-3		8/14	1025		X	S	1	X	X														

Remarks:

Relinquished by:	Date	Time	Received by:	Date	Time
Glen Anderson	8-14	1300			

Shipping Notes/Lab Comments

Received for NET Midwest by: Karen L Valdez 8/14/95 15:00

Samples Field Filtered: ___ Yes ___ No
Seals Intact Upon Receipt: ___ Yes ___ No ___ N/A

CHAIN OF CUSTODY

A chain of custody is one of the first steps in sample control in the laboratory. The chain of custody is a "contract" between the client and the laboratory to insure that all information from the client is transmitted to the laboratory in an ordered fashion.

Procedure

A A three copy chain of custody shall be used. A ball-point pen, either blue or black shall be used, pressing hard to make all three copies.

B Writing legibly, or printing fill out the chain of custody as follows:

1 Name of Company
Address of Company
Name of Person to Contact
Contact's Person Phone Number

2 Your Project Number
Purchase Order Number
Your Project Name

3 Sample Description(s)
Date, Time and Matrix

4 Parameters to be tested on samples
Check parameter squares with sample descriptions

5 Remarks
Turn Around Time (TAT) required (normal TAT, Rush, etc.)
Special Methods and Detection Limits, if needed

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

CHAIN OF CUSTODY

p.2 of 2

Client: Chicago International Exporting	Project Name: CIE
Send Report to: Glen Anderson	
Address	Collected by: Glen Anderson
Telephone # 708/260-0200	

Collection Information								Parameters																
Sample ID	~~Sampling location~~ Comments	Date	Time	GRAB	COMP	Sample Type	No. of Container	TCLP Lead	PLBS	Lead														
SS-3		8/14	1315		X	S	3		X	X														
DSC-3D	Do not run	8/14			X	S	1	X	X															

Remarks: _____

Relinquished by:	Date	Time	Received by:	Date	Time
Glen Anderson	8/14	1300			

Shipping Notes/Lab Comments

Received for NET Midwest by: Karen Valdez — 8/14/95 15:00

Samples Field Filtered: ___ Yes ___ No

Seals Intact Upon Receipt: ___ Yes ___ No ___ N/A

CHAIN OF CUSTODY

A chain of custody is one of the first steps in sample control in the laboratory. The chain of custody is a "contract" between the client and the laboratory to insure that all information from the client is transmitted to the laboratory in an ordered fashion.

Procedure

A A three copy chain of custody shall be used. A ball-point pen, either blue or black shall be used, pressing hard to make all three copies.

B Writing legibly, or printing fill out the chain of custody as follows:

1 Name of Company
Address of Company
Name of Person to Contact
Contact's Person Phone Number

2 Your Project Number
Purchase Order Number
Your Project Name

3 Sample Description(s)
Date, Time and Matrix

4 Parameters to be tested on samples
Check parameter squares with sample descriptions

5 Remarks
Turn Around Time (TAT) required (normal TAT, Rush, etc.)
Special Methods and Detection Limits, if needed

NET® NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/31/1995

NET Job Number: 95.06329

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130
A2LA Cert. No.: 0453-01

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of NET, Inc. for analysis.

Project Description: CIE

Sample Number	Sample Description	Date Taken	Date Received
318275	BD-3B; Composite	08/21/1995	08/22/1995

RECEIVED SEP -5 1995

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow NET Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. NET has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:

Mary Pearson

Mary Pearson
Project Manager

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Glen Anderson
INTERNATIONAL ENGINEERS
1776B S. Naperville
Suite 102
Wheaton, IL 60187-8100

08/31/1995

Sample No. : 318275

NET Job No.: 95.06329

Sample Description: BD-3B; Composite
CIE

Date Taken: 08/21/1995
Time Taken: 11:45

Date Received: 08/22/1995
Time Received: 16:47

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	97.6		%	0.1	08/22/1995	sdf	2540 (4)
TCLP Metals Extraction	LEACHED				08/25/1995	kab	1311 (1)
Lead, ICP	1,500		ug/g	4.0	08/30/1995	jmt	6010 (1)
TCLP-Lead, ICP	5.57		mg/L	0.080	08/29/1995	jmt	6010 (1)
Prep PCBs 8080 NonAqueous	extracted				08/24/1995	kdw	3540A (1)
PCBs 8080 NonAqueous							
PCB-1016	<500		ug/kg	50	08/28/1995	llr	8080 (1)
PCB-1221	<500		ug/kg	50	08/28/1995	llr	8080 (1)
PCB-1232	<500		ug/kg	50	08/28/1995	llr	8080 (1)
PCB-1242	<500		ug/kg	50	08/28/1995	llr	8080 (1)
PCB-1248	150,000		ug/kg	50	08/28/1995	llr	8080 (1)
PCB-1254	<500		ug/kg	50	08/28/1995	llr	8080 (1)
PCB-1260	<500		ug/kg	50	08/28/1995	llr	8080 (1)
PCB-1268	<500		ug/kg	50	08/28/1995	llr	8080 (1)
Surr: Tetrachloroxylene (TCX)	Diluted Out		%	31-128	08/28/1995	llr	8080 (1)
Surr: Decachlorobiphenyl (DCB)	Diluted Out		%	29-128	08/28/1995	llr	8080 (1)

PCB's analyzed at a 500x dilution.

NET Midwest, Bartlett Division

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in the results column indicates the analyte was not detected at or above the reported value.
mg/L	:	Concentration in units of milligrams of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm).
ug/g	:	Concentration in units of micrograms of analyte per gram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg.
ug/L	:	Concentration in units of micrograms of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb).
ug/Kg	:	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb).
B	:	Sample result flag indicating that the analyte was also found in the method blank analysis. The value after the B indicates the concentration found in the blank analysis.
D	:	Sample result flag indicating that the reported concentration is from an analysis performed at a dilution. The value following the D indicates the dilution factor of the analysis.
J	:	Sample result flag indicating that the reported concentration is below the routine reporting limit but greater than the Method Detection Limit. The value should be considered estimated.
TCLP	:	These initials appearing in front of an analyte name indicate that the Toxicity Characteristic Leaching Procedure (TCLP) was performed for this test.
%	:	Percent; To convert ppm to %, divide the result by 10,000. To convert % to ppm, multiply the result by 10,000.
Dry Weight (dw)	:	When indicated, the results are reported on a dry weight basis. The contribution of the moisture content in the sample is subtracted when calculating the concentration of the analyte.
ICP	:	Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy.
AA	:	Indicates analysis was performed using Atomic Absorption Spectroscopy.
GFAA	:	Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
PQL	:	Practical Quantitation Limit; the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

Method References

(1) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986.

(2) ASTM "American Society for Testing Materials

(3) Methods 100 through 499: see "Methods for Chemical Analysis of Water and Wastes", USEPA, 600/4-79-020, Rev. 1983.

(4) See "Standard Methods for the Examination of Water and Wastewater", 17th Ed, APHA, 1989.

(5) Methods 600 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants", USEPA Federal Register Vol. 49 No. 209, October 1984.

(6) Methods 500 through 599: see "Methods for the Determination of Organic Compounds in Drinking Water," USEPA 600/4-88/039, Rev. 1988.

NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTOL RECORD

COMPANY Chicago International Exporting
ADDRESS
PHONE 708/260-0200 FAX
PROJECT NAME/LOCATION CIE
PROJECT NUMBER
PROJECT MANAGER Glen Anderson

REPORT TO: Glen Anderson
INVOICE TO:
P.O. NO.
NET QUOTE NO.

SAMPLED BY Glen Anderson
(PRINT NAME) SIGNATURE
(PRINT NAME) SIGNATURE

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes X No
Is this work being conducted for regulatory enforcement action? Yes X No
Which regulations apply: RCRA ___ NPDES Wastewater ___ UST ___ Drinking Water ___ Other X LERULA None ___

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: PCBs	TCLP Lead									COMMENTS
8/21	1145	BD-3B			X						X	X									
8/21	1210	SR-1			X						X										Hold until further notice
8/21	1220	SPAD-1			X						X										Hold until further notice

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO N/A
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO N/A
TEMPERATURE UPON RECEIPT: not in cooler
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS DATE

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
Glen Anderson	8/21	1647		Glen Anderson	8/21	1647	K. O'Hara

METHOD OF SHIPMENT

REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

CHAIN OF CUSTODY

A chain of custody is one of the first steps in sample control in the laboratory. The chain of custody is a "contract" between the client and the laboratory to insure that all information from the client is transmitted to the laboratory in an ordered fashion.

Procedure

A A three copy chain of custody shall be used. A ball-point pen, either blue or black shall be used, pressing hard to make all three copies.

B Writing legibly, or printing fill out the chain of custody as follows:

1. Name of Company
   Address of Company
   Phone and Fax Number
2. Project Name/Location
   Project Number
   Project Manager
3. Report To
   Name and Address, if different from above (enter in remark section)
4. Invoice to
   Name and Address, if different from above (enter in remark section)
5. Purchase Order Number and NET Quote Number (if applicable)
6. Sample Information
   Date and Time
   Sample ID/Description
   Grab or Comp
   # of Containers/Type
   Matrix
   Preserved - Y/N
7. Parameters to be tested on samples
   Check parameter squares with sample descriptions
8. Comments
   Special Methods and Detection Limits
   Known Sample Contamination
9. Sample Disposal Instructions

THE WORK WILL BE UNDERTAKEN IN ACCORDANCE WITH NET'S STANDARD TERMS AND CONDITIONS, WHICH INCLUDE THE REQUIREMENT THAT PAYMENT IS DUE WITHIN THIRTY (30) DAYS FROM THE DATE OF INVOICE.

PACE INCORPORATED
ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

Chicago International Exporting
4020 S. Wentworth Ave.
Chicago, IL 60609

Client Account Number: 17967
Service Order #: 0000-6039
PACE Project ID: D50929.304

Attn:
Re: IH ANALYSIS

Report Date :

Laboratory Sample # / Analyte	Client Sample #	Det.Lim.	Volume/Time Unit	Main	Backup	Total	Air Concentration ppm	mg/M3
65-545728.4	SOUTH LEAD		2400.0	Liters				
Lead (Pb)		2.5	ug			LT 2.5		LT 0.0010
65-545732.0	SOUTH LEAD 13		1020.0	Liters				
Lead (Pb)		2.5	ug			LT 2.5		LT 0.0025
65-545736.2	SOUTH LEAD 21		1200.0	Liters				
Lead (Pb)		2.5	ug			LT 2.5		LT 0.0021
65-545716.4	SOUTH PCB		480.00	Liters				
PCB's - Screen by GC/ECD		0.2	ug			LT 0.2		LT 0.00042
65-545720.0	SOUTH PCB 14		56.00	Liters				
PCB's - Screen by GC/ECD		0.2	ug			LT 0.2		LT 0.0036
65-545724.2	SOUTH PCB 22		65.00	Liters				
PCB's - Screen by GC/ECD		0.2	ug			LT 0.2		LT 0.0031

CRV:40524

5930 McIntyre Street
Golden, CO 80403
TEL: 303-278-3400
FAX: 303-278-2121

An Equal Opportunity Employer

PACE INCORPORATED
ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

Chicago International Exporting
4020 S. Wentworth Ave.
Chicago, IL 60609

Client Account Number: 17967
Service Order #: 0000-6039
PACE Project ID: D50929.304

Attn:
Re: IH ANALYSIS

Report Date :

Laboratory Sample # / Analyte	Client Sample #	Det.Lim.	Volume/Time Unit	Main	Backup	Total	Air Concentration ppm	mg/M3
65-545721.3	FIELD BLANK PCB 16							
PCB's - Screen by GC/ECD		0.2	ug			LT 0.2		
65-545726.8	NORTH LEAD		2400.0 Liters					
Lead (Pb)		2.5	ug			LT 2.5		LT 0.0010
65-545734.6	NORTH LEAD 17		1200.0 Liters					
Lead (Pb)		2.5	ug			LT 2.5		LT 0.0021
65-545737.5	NORTH LEAD 23		1100.0 Liters					
Lead (Pb)		2.5	ug			LT 2.5		LT 0.0023
		DATE ANALYZED 10/03/95						
65-545730.4	NORTH LEAD 9		1080.0 Liters					
Lead (Pb)		2.5	ug			LT 2.5		LT 0.0023
65-545714.8	NORTH PCB		480.00 Liters					
PCB's - Screen by GC/ECD		0.2	ug			LT 0.2		LT 0.00042
65-545718.0	NORTH PCB 10		53.00 Liters					
PCB's - Screen by GC/ECD		0.2	ug			LT 0.2		LT 0.0038
65-545722.6	NORTH PCB 18		61.00 Liters					
PCB's - Screen by GC/ECD		0.2	ug			LT 0.2		LT 0.0033
65-545725.5	NORTH PCB 24		56.00 Liters					
PCB's - Screen by GC/ECD		0.2	ug			LT 0.2		LT 0.0036
		DATE ANALYZED 10/03/95						

CRV:40524

5930 McIntyre Street
Golden, CO 80403
TEL: 303-278-3400
FAX: 303-278-2121

An Equal Opportunity Employer

PACE INCORPORATED
ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

Chicago International Exporting
4020 S. Wentworth Ave.
Chicago, IL 60609

Client Account Number: 17967
Service Order #: 0000-6039
PACE Project ID: D50929.304

Attn:
Re: IH ANALYSIS

Report Date :

Laboratory Sample # / Analyte	Client Sample #	Det.Lim.	Volume/Time Unit	Main	Backup	Total	Air Concentration ppm	mg/M3
65-545727.1	CENTER LEAD		2400.0 Liters					
Lead (Pb)		2.5	ug			LT 2.5		LT 0.0010
65-545731.7	CENTER LEAD 11		1040.0 Liters					
Lead (Pb)		2.5	ug			LT 2.5		LT 0.0024
65-545735.9	CENTER LEAD 19		1200.0 Liters					
Lead (Pb)		2.5	ug			LT 2.5		LT 0.0021
65-545715.1	CENTER PCB		480.00 Liters					
PCB's - Screen by GC/ECD		0.2	ug			LT 0.2		LT 0.00042
65-545719.3	CENTER PCB 12		55.00 Liters					
PCB's - Screen by GC/ECD		0.2	ug			LT 0.2		LT 0.0036
65-545723.9	CENTER PCB 20		65.00 Liters					
PCB's - Screen by GC/ECD		0.2	ug			LT 0.2		LT 0.0031
65-545729.7	FIELD BLANK LEAD							
Lead (Pb)						HOLD		
		NO ANALYSIS REQUESTED						
65-545733.3	FIELD BLANK LEAD 15							
Lead (Pb)		2.5	ug			LT 2.5		
65-545717.7	FIELD BLANK PCB							
PCB's - Screen by GC/ECD						HOLD		
		NO ANALYSIS REQUESTED						

CRV:40524

5930 McIntyre Street
Golden, CO 80403
TEL: 303-278-3400
FAX: 303-278-2121

An Equal Opportunity Employer

PACE INCORPORATED
ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

PACE Project Number : D50929.304
Service Order Number: 0000-6039
Report Date:

To: Chicago International Exporting
4020 S. Wentworth Ave.
Chicago, IL 60609

Attn: Mr. Glen Anderson

Client Reference: IH ANALYSIS

Method(s): OSHA ID121
NIOSH 5503

Results: The results for requested analyses are found in the following tables.

Discussion: The results contained in this report are expressed in terms of the concentration per sample volume and are computed based upon data provided by the client. These values are not necessarily comparable to any specific permissible exposure limit (PEL), nor have they been corrected for variation in temperature, altitude or atmospheric pressure.

PACE, Inc. has been AIHA accredited since 1977.

Laboratory data are filed and available upon request.

If you have any questions, please contact us at (303) 278-3400.

Approved By: _____
Robert P. Di Rienzo
Industrial Hygiene
Laboratory Director

Enclosures
CRV:40524

5930 McIntyre Street
Golden, CO 80403
TEL: 303-278-3400
FAX: 303-278-2121

An Equal Opportunity Employer

TEL:303-278-2121

Pg. 2 of 3

5910 McIntyre Street
Golden, CO 80403
1-800-219-7223
FAX 303-278-2121

IH 18689

INDUSTRIAL HYGIENE SAMPLE SUBMISSION FORM

CHAIN-OF-CUSTODY RECORD
Analytical Request

ENVIRONMENTAL LABORATORIES
An AIHA Accredited Laboratory

Fax (708)260-0797

Client: Chicago Inter. Exporting
Address: 4020 S. Wentworth Ave.
Chicago IL 60609
Phone: (312) 924-4004

Report To: Glen Anderson
Verbal/Fax Results To: Glen Anderson
Bill To: Chicago Inter. Exports
P.O. # / Billing Reference
Your Project Name / No.

PACE Client No.
PACE Project Manager
PACE Project No.
Requested Due Date:*

Sampled By (PRINT): John Feely
John Feely 9-25 thru 9-27-95
Sampler Signature Date Sampled

REQUESTED UNITS* (✓) (Where Applicable): MICROGRAMS, MG / M³, PPM, FIBERS/cc

REQUESTED ANALYSES

FIELD NO	FIELD SAMPLE I.D. DESCRIPTION	SAMPLING TIME	TOTAL VOLUME	METHOD	PACE NO.	MICROGRAMS	MG / M³	PPM	FIBERS/cc	PCBs 5503	Lead IDAL	Unknown Vapor Scan*	REMARKS
9	North head	1080	270	5							X		
10	North PCB	53	260							X			
11	center head	1040	260								X		
12	Center PCB	55	253							X			
13	South head	1020	255								X		
14	South PCB	56	255							X			
15	Field Blank head	—									X		
16	Field Blank PCB	—								X			

COOLER NOS	MEDIA PROVIDED	SHIPPING METHOD DUE DATE	DELIVERED DATE	ITEM NO	RELINQUISHED BY - AFFILIATION	ACCEPTED BY - AFFILIATION	DATE	TIME
					John Feely CWE 9-28-95 4:00 p.m.	[illegible]	9/29/95	1000

Additional Comments

SEND ADDITIONAL MATERIALS
IE. SAMPLE KITS, COC FORMS, ETC.

ORIGINAL 1

*SEE REVERSE SIDE FOR INSTRUCTIONS

Pg 1 of 3

5930 McIntyre Street
Golden, CO 80403
1-800-219-7223
FAX 303-278-2121

IH 18689

pace

ENVIRONMENTAL LABORATORIES
An AIHA Accredited Laboratory

INDUSTRIAL HYGIENE SAMPLE SUBMISSION FORM

CHAIN-OF-CUSTODY RECORD
Analytical Request

Report To: Glen Anderson (708) 260-0797 Fax
Verbal/Fax Results To: Glen Anderson
Bill To: Chicago International Exports
P.O. # / Billing Reference
Your Project Name / No.

PACE Client No.
PACE Project Manager
PACE Project No.
Requested Due Date: *

Client: Chicago International Exporting
Address: 4020 S. Wentworth Ave
Chicago IL 60609
Phone: (312) 924-4004

Sampled By (PRINT): John Feely
John Feely
Sampler Signature
9-25 thru 9-27-95
Date Sampled

REQUESTED UNITS* (✓) (Where Applicable): MICROGRAMS, MG / M³, PPM, FIBERS/cc

REQUESTED ANALYSES: PCBs 5503, Lead 7082, Original Vapor Scan *

TEST NO.	FIELD SAMPLE NO./DESCRIPTION	AIR VOLUME (LITERS)	TIME (MINUTES)	MATRIX A	PACE NO.	MICROGRAMS	MG / M³	PPM	FIBERS/cc			PCBs 5503		Lead 7082				Original Vapor Scan *	REMARKS
1	North Lead	2400	240	S										X					
2	North PCB	480	240									X							
3	Center Lead	2400	240											X					
4	Center PCB	480	240									X							
5	South Lead	2400	240											X					
6	South PCB	480	240									X							
7	Field Blank Lead													X					
8	Field Blank PCB											X							

Hold
Hold

COOLER NOS	MEDIA PROVIDED	SHIPMENT METHOD		TEST NO.	RELINQUISHED BY / AFFILIATION	ACCEPTED BY / AFFILIATION	DATE	TIME
		SENT DATE	RETURNED DATE		John Feely CIWE 9-28-95 4:00 pm	[illegible]		

Additional Comments
Hold sample #s 7 & 8 until notified by us.

SEND ADDITIONAL MATERIALS
IE. SAMPLE KITS, COC FORMS, ETC.

ORIGINAL 1

*SEE REVERSE SIDE FOR INSTRUCTIONS

Pg 3 of 3

5930 McIntyre Street
Golden, CO 80403
1-800-219-7223
FAX 303-278-2121

IH 18689

INDUSTRIAL HYGIENE SAMPLE SUBMISSION FORM

Fax (708) 260-0797

CHAIN-OF-CUSTODY RECORD
Analytical Request

pace ENVIRONMENTAL LABORATORIES
An AIHA Accredited Laboratory

Client: Chicago Inter Exports
Address: 4020 S. Wentworth Ave
Chicago, IL 60609
Phone: (312) 924-4004

Report To: Glen Anderson
Verbal/Fax Results To: Glen Anderson
Bill To: Chicago Inter Exports
P.O. # / Billing Reference
Your Project Name / No.

PACE Client No.
PACE Project Manager
PACE Project No.
Requested Due Date: *

Sampled By (PRINT): John Feely
John Feely — Sampler Signature
9-27-95 — Date Sampled

REQUESTED UNITS* (✓) (Where Applicable): MICROGRAMS | MG / M³ | PPM | FIBERS/cc

REQUESTED ANALYSES: PCB 5503 | Lead ID121 | Organic Vapor Scan

ITEM NO.	FIELD SAMPLE NO. DESCRIPTION	AIR VOLUME (liters)	TIME (min.)	DATED	PACE NO.	MICROGRAMS	MG / M³	PPM	FIBERS/cc			PCB 5503		Lead ID121				Organic Vapor Scan	REMARKS
17	North Lead	1200	300	S										X					
18	North PCB	61	300									X							
19	Center Lead	1200	300											X					
20	Center PCB	65	300									X							
21	South Lead	1200	300											X					
22	South PCB	65	300									X							
28	North Lead	1100	275											X					
29	North PCB	56	275	✓								X							

COOLER NO.	MEDIA PROVIDED	SHIPPED DATE	SHIPPED METHOD / RETURNED DATE	TRAN NO.	RELINQUISHED BY / AFFILIATION	ACCEPTED BY / AFFILIATION	DATE	TIME
					John Feely CWE 9-28-95 4:00pm	[signature]	9/29/95	1000

Additional Comments

SEND ADDITIONAL MATERIALS
IE. SAMPLE KITS, COC FORMS, ETC.

ORIGINAL 1

*SEE REVERSE SIDE FOR INSTRUCTIONS

PACE
ENVIRONMENTAL LABORATORIES

5930 McIntyre
Golden, CO 80403
TEL: 303-278-3400
FAX: 303-278-2121

Fax Transmittal Cover Sheet

ate: 10-04-95

o: Glen Anderson

x #: (708) 260-0797

otal Number of Pages (Including This Cover): 8

ender: ~~Sandra L. McCarty~~ Bob DiRienzo Phone: (303) 278-3400

omments:

you have questions regarding this fax transmission, please contact:

Sandra L. McCarty Phone: (303) 278-3400

esponse Requested? Yes _____ No _____

Prepared For:

Chicago International Exporting
4020 S. Wentworth Avenue
Chicago, Illinois 60609

DRAFT

Operating and Contingency Plan

IE Job No. C065-079

Prepared By:

International Engineers, Inc.
1776B S. Naperville Road, Suite 102
Wheaton, IL 60187-8100
(708) 260-0203
(708) 260-0797 (Fax)

Date: October 3, 1995

TABLE OF CONTENTS

I GENERAL DESCRIPTION OF OPERATIONS 1
- A. Process Flow Diagram 1
- B. Storage Points 3
- C. Shipped Out Points 4
- D. Site Map 4

II MATERIALS HANDLING PROCEDURES 5
- A. Incoming Materials 5
- B. Shredder Materials 5
- C. Chopper/Separator Materials 6

III MAINTENANCE PROCEDURES 7
- A. Baghouse Maintenance 7
- B. Grounds Maintenance 8

IV SPILL AND BAGHOUSE FAILURE PROCEDURES 9
- A. General 9
- B. Responsibilities 9
- C. Communications 9
- D. Spill Supplies 10
- E. Response Procedures 11

V REPORTING RELEASES 13

VI TRAINING PROGRAM 14
- A. Employees 14
- B. Outside Emergency Assistance 14

VII DISPOSAL OF WASTE 15