FORM III A

Q. C. REPORT NO. HUK-III

BLANKS

LAB NAME WILSON LABORATORIES CASE NO. HUK-III

DATE 86/10/22 UNITS UG/L

MATRIX WATER

COMPOUND	INITIAL CALIBRATION BLANK VALUE	CONTINUING CALIBRATION BLANK VALUE 1	2	3	4	PREPARATION BLANK MATRIX: 1 15 OCT	MATRIX 2
METALS:							
1. ALUMINUM							
2. ANTIMONY							
3. ARSENIC	5 U	5 U	5 U			5 U	
4. BARIUM	60 U	60 U	60 U			60 U	
5. BERYLLIUM							
6. CADMIUM	5 U	5 U	5 U			5 U	
7. CALCIUM	4500 U	4500 U	4500 U			4500 U	
8. CHROMIUM	10 U	10 U	10 U			10 U	
9. COBALT							
10. COPPER	17 U	17 U	17 U			17 U	
11. IRON	80 U	80 U	80 U			80 U	
12. LEAD	2.5 U	2.5 U	2.5 U			2.5 U	
13. MAGNESIUM							
14. MANGANESE	11 U	11 U	11 U			11 U	
15. MERCURY	.2 U ~~.3 U~~	.2 U	.2 U			.2 U	
16. NICKEL	31 U	31 U	31 U			31 U	
17. POTASSIUM							
18. SELENIUM	5 U	5 U	5 U	5 U		5 U	
19. SILVER							
20. SODIUM							
21. THALLIUM							
22. TIN							
23. VANADIUM							
24. ZINC	17 U	17 U	17 U			17 U	
OTHER:							
CYANIDE							

FORM III B

Q. C. REPORT NO. HUK-III

BLANKS

LAB NAME WILSON LABORATORIES

CASE NO. HUK-III

DATE 86/10/22

UNITS UG/L

MATRIX WATER

COMPOUND	INITIAL CALIBRATION BLANK VALUE	CONTINUING CALIBRATION BLANK VALUE 1	2	3	4	PREPARATION BLANK MATRIX: 1	MATRIX 2
METALS:							
1. ALUMINUM							
2. ANTIMONY							
3. ARSENIC		5 U					
4. BARIUM							
5. BERYLLIUM							
6. CADMIUM							
7. CALCIUM							
8. CHROMIUM							
9. COBALT							
10. COPPER							
11. IRON							
12. LEAD							
13. MAGNESIUM							
14. MANGANESE							
15. MERCURY							
16. NICKEL							
17. POTASSIUM							
18. SELENIUM							
19. SILVER							
20. SODIUM							
21. THALLIUM							
22. TIN							
23. VANADIUM							
24. ZINC							
OTHER:							
CYANIDE							

FORM III C

Q. C. REPORT NO. HUK-III

BLANKS

LAB NAME WILSON LABORATORIES

CASE NO. HUK-III

DATE 86/10/22

UNITS UG/L

MATRIX WATER

COMPOUND	INITIAL CALIBRATION BLANK VALUE	CONTINUING CALIBRATION BLANK VALUE 1	2	3	4	PREPARATION BLA MATRIX: 1	MATRI 2
METALS:							
1. ALUMINUM							
2. ANTIMONY							
3. ARSENIC							
4. BARIUM							
5. BERYLLIUM							
6. CADMIUM							
7. CALCIUM	4500 U	4500 U					
8. CHROMIUM							
9. COBALT							
10. COPPER							
11. IRON							
12. LEAD							
13. MAGNESIUM							
14. MANGANESE							
15. MERCURY							
16. NICKEL							
17. POTASSIUM							
18. SELENIUM							
19. SILVER							
20. SODIUM							
21. THALLIUM							
22. TIN							
23. VANADIUM							
24. ZINC							
OTHER:							
CYANIDE							

FORM V A

Q. C. REPORT NO. ___HUK-III___

SPIKE SAMPLE RECOVERY

LAB NAME ___WILSON LABORATORIES___

DATE _____86/10/22_____

CASE NO. _____HUK-III____
EPA SAMPLE NO. ____SS-119_
LAB SAMPLE ID NO. _8610-12
UNITS _____UG/L_____

MATRIX ___AQUEOUS___

COMPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
METALS:					
1. ALUMINUM	75 - 125				
2. ANTIMONY					
3. ARSENIC		20	10 U	20	100
4. BARIUM		2030	210	2000	91
5. BERYLLIUM					
6. CADMIUM		54	5 U	50	108
7. CALCIUM					
8. CHROMIUM		573	10 U	~~200~~ 600	96
9. COBALT					
10. COPPER		257	19	250	95
11. IRON		14230	13870	1000	36
12. LEAD		70	50	20	100
13. MAGNESIUM					
14. MANGANESE		3947	3938	200	5
15. MERCURY		.9	.2 U	1.0	90
16. NICKEL		504	81	400	106
17. POTASSIUM					
18. SELENIUM		10	5 U	10	100
19. SILVER					
20. SODIUM					
21. THALLIUM					
22. TIN					
23. VANADIUM					
24. ZINC		3755	3702	200	27
OTHER:					
CYANIDE					

1 %R = [(SSR -SR) / SA] X 100
'R'' - OUT OF CONTROL
- NO SPIKE REQUIRED

COMMENTS: Cr was spiked at 600 instead of 200.

FORM VI A

Q. C. REPORT NO. HUKILL

DUPLICATES

LAB NAME WILSON LABORATORIES

DATE 86/06/09

CASE NO. HUKILL
EPA SAMPLE NO. WELLC GW3
LAB SAMPLE ID NO. 8606-0098
UNITS UG/L

MATRIX AQUEOUS

COMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
1. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		10 U	10 U	NC
4. BARIUM		100	100	0
5. BERYLLIUM				
6. CADMIUM		5 U	5 U	NC
7. CALCIUM				
8. CHROMIUM		10 U	10 U	NC
9. COBALT				
10. COPPER				
11. IRON				
12. LEAD		5 U	5 U	NC
13. MAGNESIUM				
14. MANGANESE				
15. MERCURY		.4 U	.4 U	NC
16. NICKEL				
17. POTASSIUM				
18. SELENIUM		5 U	5 U	NC
19. SILVER		10 U	10 U	NC
20. SODIUM				
21. THALLIUM				
22. TIN				
23. VANADIUM				
24. ZINC				
OTHER:				
CYANIDE				

* OUT OF CONTROL
D BE ADDED AT A LATER DATE. 2 RPD =[I S - D I / ((S + D) / 2)] X 10
U - NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL

FORM VI A

Q. C. REPORT NO. HUKILL

DUPLICATES

LAB NAME WILSON LABORATORIES

DATE 86/06/17

CASE NO. HUKILL
EPA SAMPLE NO. SBC1 SSM130
LAB SAMPLE ID NO. 8605-1277
UNITS MG/KG

MATRIX SOLID

COMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
1. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		18	23	24
4. BARIUM		35 U	34 U	NC
5. BERYLLIUM				
6. CADMIUM		2.9 U	2.8 U	NC
7. CALCIUM				
8. CHROMIUM		5.8 U	5.7 U	NC
9. COBALT				
10. COPPER				
11. IRON				
12. LEAD		16	19	17
13. MAGNESIUM				
14. MANGANESE				
15. MERCURY		.12 U	.12 U	NC
16. NICKEL				
17. POTASSIUM				
18. SELENIUM		2.9 U	2.8 U	NC
19. SILVER		5.8 U	5.7 U	NC
20. SODIUM				
21. THALLIUM				
22. TIN				
23. VANADIUM				
24. ZINC				
OTHER:				
CYANIDE				

* OUT OF CONTROL
1 TO BE ADDED AT A LATER DATE. 2 RPD =[I S - D I / ((S + D) / 2)] X 10
NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL
COMMENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM VI A

Q. C. REPORT NO. HUKILL

DUPLICATES

LAB NAME WILSON LABORATORIES

DATE 86/06/16

CASE NO. HUKILL
EPA SAMPLE NO. SBC2 SSM135
LAB SAMPLE ID NO. 8605-1282
UNITS UG/L

MATRIX AQUEOUS

COMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
1. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		10 U	10 U	NC
4. BARIUM		60 U	60 U	NC
5. BERYLLIUM				
6. CADMIUM		5 U	5 U	NC
7. CALCIUM				
8. CHROMIUM		10 U	10 U	NC
9. COBALT				
10. COPPER				
11. IRON				
12. LEAD		5 U	5 U	NC
13. MAGNESIUM				
14. MANGANESE				
15. MERCURY		.2	.2	0
16. NICKEL				
17. POTASSIUM				
18. SELENIUM		5 U	5 U	NC
19. SILVER		10	10	0
20. SODIUM				
21. THALLIUM				
22. TIN				
23. VANADIUM				
24. ZINC				
OTHER:				
CYANIDE				

1 OUT OF CONTROL
D BE ADDED AT A LATER DATE. 2 RPD =[I S - D I / ((S + D) / 2)] X 1
C - NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL

FORM VI A

Q. C. REPORT NO. HUKILL

DUPLICATES

AB NAME WILSON LABORATORIES

CASE NO. HUKILL
EPA SAMPLE NO. SB15 SSM22
LAB SAMPLE ID NO. 8605-0399
UNITS UG/L

ATE 86/05/03

MATRIX SOLID

OMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		24	22	9
4. BARIUM		1060	1090	3
5. BERYLLIUM				
. CADMIUM		5 U	5 U	NC
7. CALCIUM				
. CHROMIUM		32	31	3
. COBALT				
10. COPPER				
1. IRON				
12. LEAD		42	39	7
3. MAGNESIUM				
4. MANGANESE				
15. MERCURY		.1 U	.1 U	NC
6. NICKEL				
17. POTASSIUM				
18. SELENIUM		5 U	5 U	NC
19. SILVER		10 U	10 U	NC
20. SODIUM				
1. THALLIUM				
22. TIN				
23. VANADIUM				
4. ZINC				
OTHER:				
YANIDE				

OUT OF CONTROL
TO BE ADDED AT A LATER DATE. 2 RPD =[I S - D I / ((S + D) / 2)] X 1
- NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL
ENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM VI A

Q. C. REPORT NO. HUKILL

DUPLICATES

LAB NAME WILSON LABORATORIES

DATE 86/05/05

CASE NO. HUKILL
EPA SAMPLE NO. SB14ASSM42
LAB SAMPLE ID NO. 8605-0419
UNITS UG/L

MATRIX SOLID

COMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
1. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		16	20	22
4. BARIUM		60 U	60 U	NC
5. BERYLLIUM				
6. CADMIUM		7	6	15
7. CALCIUM				
8. CHROMIUM		26	23	12
9. COBALT				
10. COPPER				
11. IRON				
12. LEAD		38	38	0
13. MAGNESIUM				
14. MANGANESE				
15. MERCURY		.1 U	.1 U	NC
16. NICKEL				
17. POTASSIUM				
18. SELENIUM		5 U	5 U	NC
19. SILVER		10 U	10 U	NC
20. SODIUM				
21. THALLIUM				
22. TIN				
23. VANADIUM				
24. ZINC				
OTHER:				
CYANIDE				

1 OUT OF CONTROL
2 TO BE ADDED AT A LATER DATE. 2 RPD =[I S - D I / ((S + D) / 2)] X 1
NC - NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL
COMMENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM VI A

Q. C. REPORT NO. HUKILL

DUPLICATES

LAB NAME WILSON LABORATORIES

DATE 86/05/03

CASE NO. HUKILL
EPA SAMPLE NO. SB15 SSM22
LAB SAMPLE ID NO. 8605-0399
UNITS UG/L

MATRIX SOLID

COMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
1. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		24	22	9
4. BARIUM		1060	1090	3
5. BERYLLIUM				
6. CADMIUM		5 U	5 U	NC
7. CALCIUM				
8. CHROMIUM		32	31	3
9. COBALT				
10. COPPER				
11. IRON				
12. LEAD		42	39	7
13. MAGNESIUM				
14. MANGANESE				
15. MERCURY		.1 U	.1 U	NC
16. NICKEL				
17. POTASSIUM				
18. SELENIUM		5 U	5 U	NC
19. SILVER		10 U	10 U	NC
20. SODIUM				
21. THALLIUM				
22. TIN				
23. VANADIUM				
24. ZINC				
OTHER:				
CYANIDE				

OUT OF CONTROL
TO BE ADDED AT A LATER DATE. 2 RPD =[I S - D I / ((S + D) / 2)] X 1
NC - NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL
COMMENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM VI A

Q. C. REPORT NO. HUKILL

DUPLICATES

AB NAME WILSON LABORATORIES

CASE NO. HUKILL
EPA SAMPLE NO. SB14ASSM42
LAB SAMPLE ID NO. 8605-0419
UNITS UG/L

DATE 86/05/05

MATRIX SOLID

OMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		16	20	22
4. BARIUM		60 U	60 U	NC
5. BERYLLIUM				
. CADMIUM		7	6	15
7. CALCIUM				
. CHROMIUM		26	23	12
. COBALT				
10. COPPER				
1. IRON				
12. LEAD		38	38	0
3. MAGNESIUM				
4. MANGANESE				
15. MERCURY		.1 U	.1 U	NC
6. NICKEL				
17. POTASSIUM				
18. SELENIUM		5 U	5 U	NC
19. SILVER		10 U	10 U	NC
20. SODIUM				
1. THALLIUM				
22. TIN				
23. VANADIUM				
4. ZINC				
OTHER:				
YANIDE				

OUT OF CONTROL
TO BE ADDED AT A LATER DATE. 2 RPD =[I S - D I / ((S + D) / 2)] X 1
NC - NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL
ENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM VI A

Q. C. REPORT NO. HUKILL

DUPLICATES

L B NAME WILSON LABORATORIES

DATE 86/05/31

CASE NO. HUKILL
EPA SAMPLE NO. SBW16SSM50
LAB SAMPLE ID NO. 8605-0882
UNITS UG/L

MATRIX AQUEOUS

COMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
1. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		10 U	10 U	NC
4. BARIUM		60 U	60 U	NC
5. BERYLLIUM				
6. CADMIUM		5 U	5 U	NC
7. CALCIUM				
8. CHROMIUM		10 U	10 U	NC
9. COBALT				
10. COPPER				
11. IRON				
12. LEAD		5 U	5 U	NC
13. MAGNESIUM				
14. MANGANESE				
15. MERCURY		.4 U	.4 U	NC
16. NICKEL				
17. POTASSIUM				
18. SELENIUM		5 U	5 U	NC
19. SILVER		10 U	10 U	NC
20. SODIUM				
21. THALLIUM				
22. TIN				
23. VANADIUM				
24. ZINC				
OTHER:				
CYANIDE				

* PERCENT OF CONTROL
1 TO BE ADDED AT A LATER DATE. 2 RPD =[I S - D I / ((S + D) / 2)] X 100
* - NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL

FORM VI A

Q. C. REPORT NO. HUKILL

DUPLICATES

LAB NAME WILSON LABORATORIES

CASE NO. HUKILL
EPA SAMPLE NO. SBW165SM46
LAB SAMPLE ID NO. 8605-0878
UNITS UG/L

DATE 86/05/28

MATRIX SOLID

COMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
1. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		10 U	22	NC
4. BARIUM		130	120	8
5. BERYLLIUM				
6. CADMIUM		9	5 U	NC
7. CALCIUM				
8. CHROMIUM		50 U	50 U	NC
9. COBALT				
10. COPPER				
11. IRON				
12. LEAD		31	24	25 *
13. MAGNESIUM				
14. MANGANESE				
15. MERCURY		.1 U	.1 U	NC
16. NICKEL				
17. POTASSIUM				
18. SELENIUM		5 U	5 U	NC
19. SILVER		10 U	10 U	NC
20. SODIUM				
21. THALLIUM				
22. TIN				
23. VANADIUM				
24. ZINC				
OTHER:				
CYANIDE				

* OUT OF CONTROL
1 TO BE ADDED AT A LATER DATE. 2 RPD =[I S - D I / ((S + D) / 2)] X 1
U - NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL
COMMENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM VI A

Q. C. REPORT NO. HUK-I

DUPLICATES

LAB NAME WILSON LABORATORIES

DATE 86/10/27

CASE NO. HUK-I
EPA SAMPLE NO. SS-119
LAB SAMPLE ID NO. 8610-12
UNITS MG/KG

MATRIX SOLID

COMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
1. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		15	21	33 *
4. BARIUM		61	78	24 *
5. BERYLLIUM				
6. CADMIUM		2.8 U	3.9	NC
7. CALCIUM				
8. CHROMIUM		28 U	28 U	NC
9. COBALT				
10. COPPER		136	135	1
11. IRON		52600	54100	3
12. LEAD		167	189	12
13. MAGNESIUM				
14. MANGANESE		537	542	1
15. MERCURY		.34	.34	0
16. NICKEL		21	17 U	NC
17. POTASSIUM				
18. SELENIUM		2.8 U	2.8 U	NC
19. SILVER		5.6 U	5.6 U	NC
20. SODIUM				
21. THALLIUM				
22. TIN				
23. VANADIUM				
24. ZINC		251	328	27 *
OTHER:				
CYANIDE				

* OUT OF CONTROL
TO BE ADDED AT A LATER DATE.
RPD = [I S - D I / ((S + D) / 2)] X 100
NC - NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL

FORM-VI-A

Q. C. REPORT NO. HUK-II

DUPLICATES

LAB NAME WILSON LABORATORIES

DATE 86/10/21

CASE NO. HUK-II
EPA SAMPLE NO. GW-3
LAB SAMPLE ID NO. 8610-1223
UNITS UG/L

MATRIX AQUEOUS

COMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
1. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		10 U	10 U	NC
4. BARIUM		60 U	60 U	NC
5. BERYLLIUM				
6. CADMIUM		5 U	5 U	NC
7. CALCIUM		-0-	-0-	-0-
8. CHROMIUM		10 U	10 U	NC
9. COBALT				
10. COPPER		-0-	-0-	-0-
11. IRON		-0-	-0-	-0-
12. LEAD		18	6	100 *
13. MAGNESIUM				
14. MANGANESE		-0-	-0-	-0-
15. MERCURY		1	1	0
16. NICKEL		-0-	-0-	-0-
17. POTASSIUM				
18. SELENIUM		5 U	5 U	NC
19. SILVER		10 U	10 U	NC
20. SODIUM				
21. THALLIUM				
22. TIN				
23. VANADIUM				
24. ZINC		-0-	-0-	-0-
OTHER:				
CYANIDE				

* OUT OF CONTROL
1 TO BE ADDED AT A LATER DATE. 2 RPD =[I S - D I / ((S + D) / 2)] X 10
NC - NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL

FORM VI A

Q. C. REPORT NO. HUK-III

DUPLICATES

LAB NAME WILSON LABORATORIES

DATE 86/10/22

CASE NO. HUK-III
EPA SAMPLE NO. SS-119
LAB SAMPLE ID NO. 8610-12
UNITS UG/L

MATRIX AQUEOUS

COMPOUND	CONTROL LIMIT 1	SAMPLE(S)	DUPLICATE(D)	RPD 2
METALS:				
1. ALUMINUM				
2. ANTIMONY				
3. ARSENIC		10 U	10 U	NC
4. BARIUM		210	200	5
5. BERYLLIUM				
6. CADMIUM		5 U	5 U	NC
7. CALCIUM				
8. CHROMIUM		10 U	10 U	NC
9. COBALT				
10. COPPER		19	23	19
11. IRON		13870	14140	2
12. LEAD		50	50	0
13. MAGNESIUM				
14. MANGANESE		3938	3944	0
15. MERCURY		.2 U	.2 U	NC
16. NICKEL		81	91	12
17. POTASSIUM				
18. SELENIUM		5U	5U	NC
19. SILVER				
20. SODIUM				
21. THALLIUM				
22. TIN				
23. VANADIUM				
24. ZINC		3702	3658	1
OTHER:				
CYANIDE				

* OUT OF CONTROL
1 TO BE ADDED AT A LATER DATE.
RPD = [I S - D I / ((S + D) / 2)] X 100
. - NON CALCULABLE RPD DUE TO VALUE(S) LESS THEN CRDL

FORM V A

Q. C. REPORT NO. HUKILL

SPIKE SAMPLE RECOVERY

LAB NAME WILSON LABORATORIES

CASE NO. HUKILL
EPA SAMPLE NO. WELLC GW3
LAB SAMPLE ID NO. 8606-0098
UNITS UG/L

ATE 86/06/09

MATRIX AQUEOUS

OMPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
METALS:					
. ALUMINUM	75 - 125				
2. ANTIMONY	''				
3. ARSENIC	''	20	10 U	20	100
4. BARIUM	''	2130	100	2000	107
5. BERYLLIUM	''				
. CADMIUM	''	50	5 U	50	100
7. CALCIUM	''				
. CHROMIUM	''	222	10 U	200	110
. COBALT	''				
10. COPPER	''				
1. IRON	''				
12. LEAD	''	18	5 U	20	90
3. MAGNESIUM	''				
4. MANGANESE	''				
15. MERCURY	''	1	.4 U	1.0	100
6. NICKEL	''				
17. POTASSIUM	''				
18. SELENIUM	''	5 U	5 U	10	0 R
19. SILVER	''	50	10 U	50	100
20. SODIUM	''				
1. THALLIUM	''				
22. TIN	''				
23. VANADIUM	''				
4. ZINC	''				
OTHER:					
YANIDE	''				

R = [(SSR -SR) / SA] X 100
'R'' - OUT OF CONTROL
N - NO SPIKE REQUIRED
COMMENTS:

FORM V-A

Q. C. REPORT NO. HUKILL

SPIKE SAMPLE RECOVERY

LAB NAME WILSON LABORATORIES

DATE 86/06/17

CASE NO. HUKILL
EPA SAMPLE NO. SBC1 SSM130
LAB SAMPLE ID NO. 8605-1277
UNITS MG/KG

MATRIX SOLID

COMPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
METALS:					
1. ALUMINUM	75 - 125				
2. ANTIMONY	"				
3. ARSENIC	"	39	18	23	90
4. BARIUM	"	1190	35 U	1150	103
5. BERYLLIUM	"				
6. CADMIUM	"	27	2.9 U	29	94
7. CALCIUM	"				
8. CHROMIUM	"	132	5.8 U	115	115
9. COBALT	"				
10. COPPER	"				
11. IRON	"				
12. LEAD	"	30	16	12	120
13. MAGNESIUM	"				
14. MANGANESE	"				
15. MERCURY	"	.35	.12 U	.43	81
16. NICKEL	"				
17. POTASSIUM	"				
18. SELENIUM	"	4.6	2.9 U	5.8	80
19. SILVER	"	29	5.8 U	29	100
20. SODIUM	"				
21. THALLIUM	"				
22. TIN	"				
23. VANADIUM	"				
24. ZINC	"				
OTHER:					
CYANIDE	"				

1 % = [(SSR - SR) / SA] X 100
" R" - OUT OF CONTROL
N - NO SPIKE REQUIRED
COMMENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM V A

Q. C. REPORT NO. HUKILL

SPIKE SAMPLE RECOVERY

LAB NAME WILSON LABORATORIES

DATE 86/06/16

CASE NO. HUKILL
EPA SAMPLE NO. SBC2 SSM135
LAB SAMPLE ID NO. 8605-1282
UNITS UG/L

MATRIX AQUEOUS

COMPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
METALS:					
1. ALUMINUM	75 - 125				
2. ANTIMONY	''				
3. ARSENIC	''	24	10 U	20	120
4. BARIUM	''	1960	60 U	2000	98
5. BERYLLIUM	''				
6. CADMIUM	''	46	5 U	50	92
7. CALCIUM	''				
8. CHROMIUM	''	190	10 U	200	95
9. COBALT	''				
10. COPPER	''				
11. IRON	''				
12. LEAD	''	22	5 U	20	110
13. MAGNESIUM	''				
14. MANGANESE	''				
15. MERCURY	''	1.1	.2	1.0	90
16. NICKEL	''				
17. POTASSIUM	''				
18. SELENIUM	''	14	5 U	10	140 R
19. SILVER	''	60	10	50	100
20. SODIUM	''				
21. THALLIUM	''				
22. TIN	''				
23. VANADIUM	''				
24. ZINC	''				
OTHER:					
CYANIDE	''				

%R = [(SSR -SR) / SA] X 100
"R" - OUT OF CONTROL
N - NO SPIKE REQUIRED
COMMENTS:

FORM V A

Q. C. REPORT NO. HUKILL

SPIKE SAMPLE RECOVERY

LAB NAME WILSON LABORATORIES

DATE 86/05/03

CASE NO. HUKILL
EPA SAMPLE NO. SB15 SSM23
LAB SAMPLE ID NO. 8605-0399
UNITS UG/L

MATRIX SOLID

COMPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
METALS:					
1. ALUMINUM	75 - 125				
2. ANTIMONY	''				
3. ARSENIC	''	58	24	40	85
4. BARIUM	''	3150	1060	2000	105
5. BERYLLIUM	''				
6. CADMIUM	''	55	5 U	50	110
7. CALCIUM	''				
8. CHROMIUM	''	240	32	200	104
9. COBALT	''				
10. COPPER	''				
11. IRON	''				
12. LEAD	''	62	42	20	100
13. MAGNESIUM	''				
14. MANGANESE	''				
15. MERCURY	''	.3	.1 U	.38	78
16. NICKEL	''				
17. POTASSIUM	''				
18. SELENIUM	''	5 U	5 U	10	0 R
19. SILVER	''	44	10 U	50	88
20. SODIUM	''				
21. THALLIUM	''				
22. TIN	''				
23. VANADIUM	''				
24. ZINC	''				
OTHER:					
CYANIDE	''				

% R = [(SSR - SR) / SA] X 100
'' - OUT OF CONTROL
NO SPIKE REQUIRED

COMMENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM V A

Q. C. REPORT NO. HUKILL

SPIKE SAMPLE RECOVERY

AB NAME WILSON LABORATORIES

CASE NO. HUKILL
EPA SAMPLE NO. SB14ASSM42
LAB SAMPLE ID NO. 8605-0419
UNITS UG/L

DATE 86/05/05

MATRIX SOLID

COMPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
ETALS:					
1. ALUMINUM	75 - 125				
2. ANTIMONY	''				
3. ARSENIC	''	62	16	40	115
4. BARIUM	''	1940	60 U	2000	97
5. BERYLLIUM	''				
6. CADMIUM	''	56	7	50	98
7. CALCIUM	''				
8. CHROMIUM	''	260	26	200	117
9. COBALT	''				
10. COPPER	''				
11. IRON	''				
12. LEAD	''	64	38	20	130 R
13. MAGNESIUM	''				
14. MANGANESE	''				
15. MERCURY	''	.4	.1 U		80
16. NICKEL	''				
17. POTASSIUM	''				
18. SELENIUM	''	6	5 U	10	60 R
19. SILVER	''	35	10 U	50	70 R
20. SODIUM	''				
21. THALLIUM	''				
22. TIN	''				
23. VANADIUM	''				
24. ZINC	''				
THER:					
CYANIDE	''				

%R = [(SSR -SR) / SA] X 100
'' - OUT OF CONTROL
NO SPIKE REQUIRED

OMMENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM V A

Q. C. REPORT NO. HUKILL

SPIKE SAMPLE RECOVERY

AB NAME WILSON LABORATORIES

DATE 86/05/03

CASE NO. HUKILL
EPA SAMPLE NO. SB15 SSM22
LAB SAMPLE ID NO. 8605-0399
UNITS UG/L

MATRIX SOLID

COMPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
METALS:					
1. ALUMINUM	75 - 125				
2. ANTIMONY	''				
3. ARSENIC	''	58	24	40	85
4. BARIUM	''	3150	1060	2000	105
5. BERYLLIUM	''				
6. CADMIUM	''	55	5 U	50	110
7. CALCIUM	''				
8. CHROMIUM	''	240	32	200	104
9. COBALT	''				
10. COPPER	''				
11. IRON	''				
12. LEAD	''	62	42	20	100
13. MAGNESIUM	''				
14. MANGANESE	''				
15. MERCURY	''	.3	.1 U	.38	78
16. NICKEL	''				
17. POTASSIUM	''				
18. SELENIUM	''	5 U	5 U	10	0 R
19. SILVER	''	44	10 U	50	88
20. SODIUM	''				
21. THALLIUM	''				
22. TIN	''				
23. VANADIUM	''				
24. ZINC	''				
OTHER:					
CYANIDE	''				

[%R = [(SSR -SR) / SA] X 100
'' - OUT OF CONTROL
NO SPIKE REQUIRED

COMMENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM V A

Q. C. REPORT NO. HUKILL

SPIKE SAMPLE RECOVERY

LAB NAME WILSON LABORATORIES

CASE NO. HUKILL
EPA SAMPLE NO. SB14A55M42
LAB SAMPLE ID NO. 8605-0415
UNITS UG/L

DATE 86/05/05

MATRIX SOLID

COMPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
METALS:					
1. ALUMINUM	75 - 125				
2. ANTIMONY	''				
3. ARSENIC	''	62	16	40	115
4. BARIUM	''	1940	60 U	2000	97
5. BERYLLIUM	''				
6. CADMIUM	''	56	7	50	98
7. CALCIUM	''				
8. CHROMIUM	''	260	26	200	117
9. COBALT	''				
10. COPPER	''				
11. IRON	''				
12. LEAD	''	64	38	20	130 R
13. MAGNESIUM	''				
14. MANGANESE	''				
15. MERCURY	''	.4	.1 U		80
16. NICKEL	''				
17. POTASSIUM	''				
18. SELENIUM	''	6	5 U	10	60 R
19. SILVER	''	35	10 U	50	70 R
20. SODIUM	''				
21. THALLIUM	''				
22. TIN	''				
23. VANADIUM	''				
24. ZINC	''				
OTHER:					
CYANIDE	''				

%R = [(SSR -SR) / SA] X 100
'' - OUT OF CONTROL
NO SPIKE REQUIRED

COMMENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM VIII A

Q. C. REPORT NO. HUK2

STANDARD ADDITION RESULTS

LAB NAME WILSON LABORATORIES CASE NO. HUK2

ATE 86/05/05 LCS UNITS UG/L

SAMPLE#	ELEMENT	0 ADD ABS.	1 ADD CON./ABS.	2 ADD CON./ABS.	3 ADD CON./ABS.	FINAL CON.	R*
SB14ASSM39 (NEXT LINE)							
	PB	.034	50/.098	100/.163	200/.28	29	.9996
SB14ASSM40 (NEXT LINE)							
	PB	.039	50/.102	100/.165	200/.295	29	.9999

CON IS THE CONCENTRATION ADDED. ABS. IS THE INSTRUMENT READOUT IN ABSORBANCE OR CONCENTRATION.

! CONCENTRATION AS DETERMINED BY MSA

'R' IS THE CORRELATION COEFFICIENT.

- CORRELATION COEFFICIENT IS OUTSIDE OF CONTROL WINDOW OF 0.995.

FORM V A

Q. C. REPORT NO. HUKILL

SPIKE SAMPLE RECOVERY

LAB NAME WILSON LABORATORIES

CASE NO. HUKILL

DATE 86/05/31

EPA SAMPLE NO. SBW165SM50

LAB SAMPLE ID NO. 8605-0882

UNITS UG/L

MATRIX AQUEOUS

COMPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
METALS:					
1. ALUMINUM	75 - 125				
2. ANTIMONY	"				
3. ARSENIC	"	16	10 U	20	80
4. BARIUM	"	2000	60 U	2000	100
5. BERYLLIUM	"				
6. CADMIUM	"	47	5 U	50	94
7. CALCIUM	"				
8. CHROMIUM	"	199	10 U	200	100
9. COBALT	"				
10. COPPER	"				
11. IRON	"				
12. LEAD	"	24	5 U	20	120
13. MAGNESIUM	"				
14. MANGANESE	"				
15. MERCURY	"	1.1	.4 U	1.0	110
16. NICKEL	"				
17. POTASSIUM	"				
18. SELENIUM	"	10	5 U	10	100
19. SILVER	"	60	10 U	50	120
20. SODIUM	"				
21. THALLIUM	"				
22. TIN	"				
23. VANADIUM	"				
24. ZINC	"				
OTHER:					
CYANIDE	"				

% R = [(SSR -SR) / SA] X 100

"R" - OUT OF CONTROL

N - NO SPIKE REQUIRED

COMMENTS:

FORM V A

Q. C. REPORT NO. HUKILL

SPIKE SAMPLE RECOVERY

LAB NAME WILSON LABORATORIES

DATE 86/05/28

CASE NO. HUKILL
EPA SAMPLE NO. SBW16SSM46
LAB SAMPLE ID NO. 8605-0878
UNITS UG/L

MATRIX SOLID

COMPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
METALS:					
1 ALUMINUM	75 - 125				
2. ANTIMONY	"				
3. ARSENIC	"	52	20 ~~10~~ U	40	~~104~~ 80
4. BARIUM	"	2260	130	2000	107
5. BERYLLIUM	"				
6 CADMIUM	"	61	9	50	104
7. CALCIUM	"				
8 CHROMIUM	"	269	50 U	200	135 R
9 COBALT	"				
10. COPPER	"				
1 . IRON	"				
1 . LEAD	"	56	31	20	125
1 . MAGNESIUM	"				
1 . MANGANESE	"				
15. MERCURY	"	.5	.1 U		100
1 . NICKEL	"				
1 . POTASSIUM	"				
18. SELENIUM	"	6	5 U	10	60 R
1 . SILVER	"	50	10 U	50	100
20. SODIUM	"				
2 . THALLIUM	"				
22. TIN	"				
23. VANADIUM	"				
2 . ZINC	"				
OTHER:					
CYANIDE	"				

1 = [(SSR -SR) / SA] X 100
" R" - OUT OF CONTROL
N - NO SPIKE REQUIRED
COMMENTS: MERCURY AND CYANIDE DATA EXPRESSED IN MG/KG

FORM V A

Q. C. REPORT NO. ___HUK-I___

SPIKE SAMPLE RECOVERY

LAB NAME ___WILSON_LABORATORIES___

DATE _____86/10/27_____

CASE NO. _____HUK-I_____
EPA SAMPLE NO. ____SS-119_
LAB SAMPLE ID NO. _8610-12
UNITS_____MG/KG_____

MATRIX ____SOLID____

COMPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
METALS:					
1. ALUMINUM	75 - 125				
2. ANTIMONY	''				
3. ARSENIC	''	36	15	22	95
4. BARIUM	''	1210	61	1110	104
5. BERYLLIUM	''				
6. CADMIUM	''	31	2.8 U	28	111
7. CALCIUM	''				
8. CHROMIUM	''	145	28 U	111	131
9. COBALT	''				
10. COPPER	''	322	136	139	134
11. IRON	''	59200	52600	0	N
12. LEAD	''	484	167	278 ~~44~~	114
13. MAGNESIUM	''				
14. MANGANESE	''	942	537	278	146
15. MERCURY	''	.5~~7044~~	.34	.36	44
16. NICKEL	''	332	21	278	112
17. POTASSIUM	''				
18. SELENIUM	''	6.1	2.8 U	5.6	109
19. SILVER	''	28	5.6 U	28	100
20. SODIUM	''				
21. THALLIUM	''				
22. TIN	''				
23. VANADIUM	''				
24. ZINC	''	669	251	278	150
OTHER:					
CYANIDE	''				

%R = [(SSR -SR) / SA] X 100
''R'' - OUT OF CONTROL
N - NO SPIKE REQUIRED
COMMENTS: _____

FORM V A

Q. C. REPORT NO. HUK-II

SPIKE SAMPLE RECOVERY

L AME WILSON LABORATORIES

DATE 86/10/21

CASE NO. HUK-II
EPA SAMPLE NO. GW-3
LAB SAMPLE ID NO. 8610-1223
UNITS UG/L

MATRIX AQUEOUS

C MPOUND	CONTROL LIMIT %R	SPIKED SAMPLE RESULT (SSR)	SAMPLE RESULT (SR)	SPIKED ADDED (SA)	% R
M TALS:					
1. ALUMINUM	75 - 125				
2. ANTIMONY	''				
3 ARSENIC	''	12	10 U	20	60 R
4. BARIUM	''	1820	60 U	2000	91
5 BERYLLIUM	''				
6 CADMIUM	''	45	5 U	50	90
7 CALCIUM	''				
8 CHROMIUM	''	198	10 U	200	99
9. COBALT	''				
1 . COPPER	''				
1 . IRON	''				
12. LEAD	''	22	18	20	20 R
1 . MAGNESIUM	''				
14. MANGANESE	''				
15. MERCURY	''	1.9	1	1.0	90
1 . NICKEL	''				
17. POTASSIUM	''				
1 . SELENIUM	''	8	5 U	10	80
19. SILVER	''	50	10 U	50	100
20. SODIUM	''				
2 . THALLIUM	''				
22. TIN	''				
2 . VANADIUM	''				
2 . ZINC	''				
O HER:					
CYANIDE	''				

% R = [(SSR -SR) / SA] X 100
'P/' - OUT OF CONTROL
N NO SPIKE REQUIRED
COMMENTS:

FORM VIII A

Q. C. REPORT NO. H UK5

STANDARD ADDITION RESULTS

L B NAME WILSON LABORATORIES CASE NO. H UK5

DATE 86/06/09 LCS UNITS UG/L

SAMPLE#	ELEMENT	0 ADD ABS.	1 ADD CON./ABS. [1]	2 ADD CON./ABS. [2]	3 ADD CON./ABS. [3]	FINAL CON.	R*

1 CON IS THE CONCENTRATION ADDED, ABS. IS THE INSTRUMENT READOUT IN ABSORBANCE OR CONCENTRATION.

2 CONCENTRATION AS DETERMINED BY MSA

3 "R" IS THE CORRELATION COEFFICIENT.

+ - CORRELATION COEFFICIENT IS OUTSIDE OF CONTROL WINDOW OF 0.995.

FORM VIII A

Q. C. REPORT NO. HUK7

STANDARD ADDITION RESULTS

LAB NAME WILSON LABORATORIES CASE NO. HUK7

DATE 86/06/17 LCS UNITS UG/L

SAMPLE#	ELEMENT	0 ADD ABS.	1 ADD CON./ABS. 1	2 ADD CON./ABS. 2	3 ADD CON./ABS. 3	FINAL CON.	R*
~~8605-1278~~ (NEXT LINE)							
	~~PB~~	~~.053~~	~~50/.11~~	100/.182	200/.296	~~43~~	~~.9876~~
2b con ample	Pb	.05	50/.123	100/.212	200/.358	32	.9986
8605-1267	Pb	.065	50/.133	100/.197	200/.335	47	.9998
605-1279	Pb	.035	50/.120	100/.185	200/.370	19	.9960
8605-1283	Pb	.057	50/.140	100/.223	200/.380	36	.9997
8605-1286	Pb	.048	50/.135	100/.210	200/.370	31	.9995
605-1287	Pb	.029	50/.115	100/.215	200/.380	17	.9986
8605-1289	Pb	.067	50/.157	100/.235	200/.400	42	.9995
605-1290	Pb	.057	50/.135	100/.230	200/.380	35	.9979
8605-1291	Pb	.03	50/.115	100/.190	200/.330	24	.9979

1 CON IS THE CONCENTRATION ADDED. ABS. IS THE INSTRUMENT READOUT IN ABSORBANCE OR CONCENTRATION.

2 CENTRATION AS DETERMINED BY MSA

* "R" IS THE CORRELATION COEFFICIENT.

+ - CORRELATION COEFFICIENT IS OUTSIDE OF CONTROL WINDOW OF 0.995.

FORM VIII A

Q. C. REPORT NO. HUK6

STANDARD ADDITION RESULTS

LAB NAME WILSON LABORATORIES CASE NO. HUK6

DATE 86/06/16 LCS UNITS UG/L

SAMPLE#	ELEMENT	0 ADD ABS.	1 ADD CON./ABS. 1	2 ADD CON./ABS. 2	3 ADD CON./ABS. 3	FINAL CON.	R*
8605-1278	pb	.053	50/.110	100/.182	~~295/.~~ 200/.295	43	.9978

CON IS THE CONCENTRATION ADDED, ABS. IS THE INSTRUMENT READOUT IN ABSORBANCE OR CONCENTRATION.

- ICENTRATION AS DETERMINED BY MSA

* "R" IS THE CORRELATION COEFFICIENT.

- CORRELATION COEFFICIENT IS OUTSIDE OF CONTROL WINDOW OF 0.995.

FORM VIII A

Q. C. REPORT NO. HUK1

STANDARD ADDITION RESULTS

LAB NAME WILSON LABORATORIES CASE NO. HUK1

DATE 86/05/03 LCS UNITS UG/L

SAMPLE#	ELEMENT	0 ADD ABS.	1 ADD CON./ABS.	2 ADD CON./ABS.	3 ADD CON./ABS.	FINAL CON.	R*
SB15SSM22PDUPLICATE (NEXT LINE)							
	PB	.051	50/.125	100/.19	200/.326	39	.9997

CON IS THE CONCENTRATION ADDED, ABS. IS THE INSTRUMENT READOUT IN ABSORBANCE OR CONCENTRATION.

CONCENTRATION AS DETERMINED BY MSA

R'' IS THE CORRELATION COEFFICIENT.

- CORRELATION COEFFICIENT IS OUTSIDE OF CONTROL WINDOW OF 0.995.

FORM VIII A

Q. C. REPORT NO. HUK2

STANDARD ADDITION RESULTS

LAB NAME WILSON LABORATORIES CASE NO. HUK2

DATE 86/05/05 LCS UNITS UG/L

SAMPLE#	ELEMENT	0 ADD ABS.	1 ADD CON./ABS. 1	2 ADD CON./ABS. 2	3 ADD CON./ABS. 3	FINAL CON.	R*
SB14ASSM39 (NEXT LINE)							
	PB	.034	50/.098	100/.163	200/.28	29	.9996
SB14ASSM40 (NEXT LINE)							
	PB	.039	50/.102	100/.165	200/.295	29	.9999

1 CON IS THE CONCENTRATION ADDED, ABS. IS THE INSTRUMENT READOUT IN ABSORBANCE OR CONCENTRATION.

2 CONCENTRATION AS DETERMINED BY MSA

'R' IS THE CORRELATION COEFFICIENT.

* - CORRELATION COEFFICIENT IS OUTSIDE OF CONTROL WINDOW OF 0.995.

FORM VIII A

Q. C. REPORT NO. HUK1

STANDARD ADDITION RESULTS

LAB NAME WILSON LABORATORIES CASE NO. HUK1

DATE 86/05/03 LCS UNITS UG/L

SAMPLE#	ELEMENT	0 ADD ABS.	1 ADD CON./ABS.	2 ADD CON./ABS.	3 ADD CON./ABS.	FINAL CON.	R*
SB15SSM22P	DUPLICATE (NEXT LINE)						
	PB	.051	50/.125	100/.19	200/.326	39	.9997

CON IS THE CONCENTRATION ADDED, ABS. IS THE INSTRUMENT READOUT IN ABSORBANCE OR CONCENTRATION.

CONCENTRATION AS DETERMINED BY MSA

R'' IS THE CORRELATION COEFFICIENT.

- CORRELATION COEFFICIENT IS OUTSIDE OF CONTROL WINDOW OF 0.995.

FORM VIII A

Q. C. REPORT NO. HUK4

STANDARD ADDITION RESULTS

AB NAME WILSON LABORATORIES CASE NO. HUK4

DATE 86/05/31 LCS UNITS UG/L

SAMPLE#	ELEMENT	0 ADD ABS.	1 ADD CON./ABS.	2 ADD CON./ABS.	3 ADD CON./ABS.	FINAL CON.	R*
LAB CON SAM (NEXT LINE)							
	~~AS~~	~~.18~~	~~100/.284~~	~~200/.299~~	~~300/.417~~	~~238~~	~~.9599~~
LAB CON SAM (NEXT LINE)							
	~~AS~~	~~.174~~	~~100/.224~~	~~200/.299~~	~~300/.369~~	~~253~~	~~.9933~~
LAB CON SAM (NEXT LINE)							
	AS	.173	100/.223	200/.298	300/.368	252	.9933
LAB CON SAM (NEXT LINE)							
	AS	.179	100/.263	200/.298	300/.416	237	.9599

CON IS THE CONCENTRATION ADDED, ABS. IS THE INSTRUMENT READOUT IN ABSORBANCE OR CONCENTRATION.

NCENTRATION AS DETERMINED BY MSA

''R'' IS THE CORRELATION COEFFICIENT.

+ - CORRELATION COEFFICIENT IS OUTSIDE OF CONTROL WINDOW OF 0.995.

FORM VIII A

Q. C. REPORT NO. _____HUK_____

STANDARD ADDITION RESULTS

LAB NAME ___WILSON_LABORATORIES___ CASE NO. _____HUK_____

DATE _____86/10/27_____ LCS UNITS _____UG/L____

SAMPLE#	ELEMENT	0 ADD ABS.	1 ADD CON./ABS. [1]	2 ADD CON./ABS. [2]	3 ADD CON./ABS. [3]	FINAL CON.	R*
8610-1231	(NEXT LINE)						
	AS	.024	25/.059	50/.083	100/.149	20	.9985
8610-1236	(NEXT LINE)						
	AS	.016	25/.049	50/.081	100/.14	14	.9996
~~8610-1242~~	~~(NEXT LINE)~~						
	~~PB~~	~~.219~~	~~50/.267~~	~~100/.324~~	~~150/.342~~	~~260~~	~~.9817~~
8610-1243	(NEXT LINE)						
	PB	.06	50/.097	100/.178	150/.215	50	.9872
8610-1245	(NEXT LINE)						
	PB	.168	50/.242	100/.281	150/.328	170	.9899
8610-1246	(NEXT LINE)						
	PB	.141	50/.204	100/.256	150/.295	142	.9945
8610-1247	(NEXT LINE)						
	PB	.025	50/.083	100/.129	150/.181	26	.999
8611-0021	(NEXT LINE)						
	PB	.04	50/.094	100/.155	150/.204	36	.9992
8611-0024	(NEXT LINE)						
	PB	.043	50/.113	100/.173	150/.233	36	.9992

1 CON IS THE CONCENTRATION ADDED, ABS. IS THE INSTRUMENT READOUT IN ABSORBANC OR CONCENTRATION.

CONCENTRATION AS DETERMINED BY MSA

* ''R'' IS THE CORRELATION COEFFICIENT.

+ - CORRELATION COEFFICIENT IS OUTSIDE OF CONTROL WINDOW OF 0.995.

FORM VIII A

Q. C. REPORT NO. HUK

STANDARD ADDITION RESULTS

LAB NAME WILSON LABORATORIES CASE NO. HUK

DATE 86/10/21 LCS UNITS UG/L

SAMPLE#	ELEMENT	0 ADD ABS.	1 ADD CON./ABS. 1	2 ADD CON./ABS. 2	3 ADD CON./ABS. 3	FINAL CON.	R*
8610-1222	Se	.001	20/.041	44/.083	60/.124	5U	.9974

1 CON IS THE CONCENTRATION ADDED, ABS. IS THE INSTRUMENT READOUT IN ABSORBANCE OR CONCENTRATION.

2 CONCENTRATION AS DETERMINED BY MSA

* ''R'' IS THE CORRELATION COEFFICIENT.

+ CORRELATION COEFFICIENT IS OUTSIDE OF CONTROL WINDOW OF 0.995.

FORM VIII A

Q. C. REPORT NO. HUK-3

STANDARD ADDITION RESULTS

LAB NAME WILSON LABORATORIES

CASE NO. HUK-3

DATE 86/10/22

LCS UNITS UG/L

SAMPLE#	ELEMENT	0 ADD ABS.	1 ADD CON./ABS.[1]	2 ADD CON./ABS.[2]	3 ADD CON./ABS.[3]	FINAL CON.	R*

1 CON IS THE CONCENTRATION ADDED, ABS. IS THE INSTRUMENT READOUT IN ABSORBANC OR CONCENTRATION.

2 CONCENTRATION AS DETERMINED BY MSA

''R'' IS THE CORRELATION COEFFICIENT.

* - CORRELATION COEFFICIENT IS OUTSIDE OF CONTROL WINDOW OF 0.995.

Sample Number

#14 FINAL RINSE WATER

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
L b Sample ID No: 16050945
S_mple Matrix: Water
Data Release Authorized By:
* **********

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/20/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/22/86
Date Analysed: 05/22/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: NR
Percent Moisture (Decanted): NR

CAS Number		ug/l
74-87-3	Chloromethane	10 u
74-83-9	Bromomethane	10 u
75-01-4	Vinyl Chloride	10 u
75-00-3	Chloroethane	10 u
75-09-2	Methylene Chloride	1 J,B
67-64-1	Acetone	10 u
75-15-0	Carbon Disulfide	5 u
75-35-4	1,1-Dichloroethene	5 u
75-34-3	1,1-Dichloroethane	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u
67-66-3	Chloroform	27
107-06-2	1,2-Dichloroethane	5 u
78-93-3	2-Butanone	10 u
71-55-6	1,1,1-Trichloroethane	5 u
56-23-5	Carbon Tetrachloride	5 u
108-05-4	Vinyl Acetate	10 u
75-27-4	Bromodichloromethane	8

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES #14 FINAL RINSE WATER

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/l
		**********
78-87-5	1,2-Dichloropropane	5 u
10061-02-6	Trans-1,3-Dichloropropene	5 u
79-01-6	Trichloroethene	5 u
124-48-1	Dibromochloromethane	5 u
79-00-5	1,1,2-Trichloroethane	5 u
71-43-2	Benzene	5 u
10061-01-5	cis-1,3-Dichloropropene	5 u
110-75-8	2-Chloroethylvinylether	10 u
75-25-2	Bromoform	5 u
108-10-1	4-Methyl-2-Pentanone	10 u
591-78-6	2-Hexanone	10 u
127-18-4	Tetrachlorethene	5 u
79-34-5	1,1,2,2-Tetrachloroethane	5 u
108-88-3	Toluene	5 u
108-90-7	Chlorobenzene	5 u
100-41-4	Ethylbenzene	5 u
100-42-5	Styrene	5 u
	Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

V lue - If the result is a value greater than or equal to the detection limit, report the value

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

C - This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides>=10ng/ul in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S - Spiked compound.

N - No value required.

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313

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

EPA SAMPLE NO.
FINAL RINSEWTR

DATE 86/06/09

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8606-0103

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U F	15.	MERCURY	.2 U
4.	BARIUM	60 U F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U F	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 U F
8.	CHROMIUM	10 U F	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.

RW-1

DATE 86/05/05

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0422

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	5 U F	15.	MERCURY	.1 U
4.	BARIUM	30 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.5 U P	18.	SELENIUM	2.5 U R F
7.	CALCIUM		19.	SILVER	5 U R P
8.	CHROMIUM	5 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	2.5 U R F	24.	ZINC	

CYANIDE

PERCENT SOLIDS (%) 100

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MU BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS: this is a field blank that was digested as a solid.

LAB MANAGER Kathi A. Mitchell

Sample Number

SS-1 ~~SB35~~ ~~0-2' Soil~~ Bkgd. Soil Composite

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050016
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/01/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/03/86
Date Analyzed: 05/03/86
Conc/Dil Factor: 2.5 pH NR
Percent Moisture: 15
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	12 u
74-83-9	Bromomethane	12 u
75-01-4	Vinyl Chloride	12 u
75-00-3	Chloroethane	12 u
75-09-2	Methylene Chloride	10 B
67-64-1	Acetone	48 B
75-15-0	Carbon Disulfide	6 u
75-35-4	1,1-Dichloroethene	6 u
75-34-3	1,1-Dichloroethane	6 u
156-60-5	Trans-1,2-Dichloroethene	6 u
67-66-3	Chloroform	6 u
107-06-2	1,2-Dichloroethane	6 u
78-93-3	2-Butanone	8 B,J
71-55-6	1,1,1-Trichloroethane	6 B
56-23-5	Carbon Tetrachloride	6 u
108-05-4	Vinyl Acetate	12 u
75-27-4	Bromodichloromethane	6 u

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-1

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	6 u
10061-02-6	Trans-1,3-Dichloropropene	6 u
79-01-6	Trichloroethene	6 u
124-48-1	Dibromochloromethane	6 u
79-00-5	1,1,2-Trichloroethane	6 u
71-43-2	Benzene	6 u
10061-01-5	cis-1,3-Dichloropropene	6 u
110-75-8	2-Chloroethylvinylether	12 u
75-25-2	Bromoform	6 u
108-10-1	4-Methyl-2-Pentanone	7 B
591-78-6	2-Hexanone	12 u
127-18-4	Tetrachlorethene	6 u
79-34-5	1,1,2,2-Tetrachloroethane	6 u
108-88-3	Toluene	6
108-90-7	Chlorobenzene	6 u
100-41-4	Ethylbenzene	6 u
100-42-5	Styrene	6 u
	Total Xylenes	5 J

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value - If the result is a value greater than or equal to the detection limit, report the value

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

C - This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

- Spiked compound.

- No value required.

Bkgd.

EORM_I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

SB13A 0'-1.5' Fill

EPA SAMPLE NO.
SB13ASSM29

DATE 86/05/03

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0402

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	13 F	15.	MERCURY	.12 U
4.	BARIUM	[91] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3.6 P	18.	SELENIUM	3 U R F
7.	CALCIUM		19.	SILVER	6 U P
8.	CHROMIUM	22 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	132 F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	82

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUST BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathy A Mitchell

FORM_I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

Dup.

EPA SAMPLE NO.
SB13ASSM29D

DATE 86/05/03

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0403

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	17 F	15.	MERCURY	.12 U
4.	BARIUM	183 P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	4.3 P	18.	SELENIUM	3.1 U R F
7.	CALCIUM		19.	SILVER	6.1 U F
8.	CHROMIUM	17 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	145 F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	81

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUST BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SB13ASSM29R

DATE 86/05/03

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0404

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	5 U F	15.	MERCURY	.1 U
4.	BARIUM	30 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.5 U P	18.	SELENIUM	2.5 U R F
7.	CALCIUM		19.	SILVER	5 U P
8.	CHROMIUM	5 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	2.5 U F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		100

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MU BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS: this is a field blank that was digested as a solid

LAB MANAGER Kathi A. Mitchell

FORM I

Blgd.

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
03/557-2490 FTS:8-557-2490

SB13A 7.5-9' Till

EPA SAMPLE NO.
SB13ASSM32

DATE 86/05/03

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-Q407

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	15 F	15.	MERCURY	.11 U
4.	BARIUM	34 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	4 P	18.	SELENIUM	2.8 U R F
7.	CALCIUM		19.	SILVER	5.7 U P
8.	CHROMIUM	19 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	10 F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	87

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Karen A. Mitchell

FORM 1

Bkgd

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SB13A5SM33

SB13A 12'-12.5' Tiulshale

DATE 86/05/03

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0408

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	13 F	15.	MERCURY	.11 U
4.	BARIUM	33 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	4.4 P	18.	SELENIUM	2.8 U R F
7.	CALCIUM		19.	SILVER	5.5 U F
8.	CHROMIUM	21 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	3.3 F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	90

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MU BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SB14ASSM37

SB14A 0'-1.5' Fill

DATE 86/05/05

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0412

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	17 F	15.	MERCURY	.12 U
4.	BARIUM	[105] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5.8 P	18.	SELENIUM	2.9 U R F
7.	CALCIUM		19.	SILVER	5.8 U R P
8.	CHROMIUM	5.8 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	103 R F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		85

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MU BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

Dup.

EPA SAMPLE NO.
SB14ASSM37D

DATE 86/05/05

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0413

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	21 F	15.	MERCURY	.12 U
4.	BARIUM	[86] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5.2 P	18.	SELENIUM	2.9 U R F
7.	CALCIUM		19.	SILVER	5.8 U R P
8.	CHROMIUM	29 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	104 R F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	86

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi O. McCall

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SB14ASSM37R

DATE 86/05/05

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0414

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	5 U P	15.	MERCURY	.1 U
4.	BARIUM	30 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.5 U P	18.	SELENIUM	2.9 U ~~C~~ J R P
7.	CALCIUM		19.	SILVER	5 U R P
8.	CHROMIUM	5 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	2.5 U R P	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	100

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS: this is a field blank that was digested as a solid.

LAB MANAGER Kathi A Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SB14ASSM40

DATE 86/05/05

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0417

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	17 F	15.	MERCURY	.12 U
4.	BARIUM	[40] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	4 P	18.	SELENIUM	2.9 U R F
7.	CALCIUM		19.	SILVER	5.8 U R P
8.	CHROMIUM	14 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	17 R S F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	86

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MU BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi a mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SB14ASSM41

DATE 86/05/05

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0418

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	9.9 F	15.	MERCURY	.11 U
4.	BARIUM	33 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.8 U P	18.	SELENIUM	2.8 U R F
7.	CALCIUM		19.	SILVER	5.5 U R P
8.	CHROMIUM	28 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	12 R F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	90

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MU BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SB15 SSM16

DATE 86/05/03

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0393

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	19 E	15.	MERCURY	.12 U
4.	BARIUM	[107] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3 U P	18.	SELENIUM	3 U R F
7.	CALCIUM		19.	SILVER	6 U P
8.	CHROMIUM	22 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	85 E	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		83

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MU BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SB15 SSM19

DATE 86/05/03

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0396

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	13 F	15.	MERCURY	.11 U
4.	BARIUM	[46] F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.8 U P	18.	SELENIUM	2.8 U R F
7.	CALCIUM		19.	SILVER	5.7 U F
8.	CHROMIUM	18 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	18 F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		97

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUST BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SB15 SSM20

DATE 86/05/03

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0397

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	15 F	15.	MERCURY	.11 U
4.	BARIUM	31 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3.1 P	18.	SELENIUM	2.6 U R F
7.	CALCIUM		19.	SILVER	5.2 U P
8.	CHROMIUM	20 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	23 F	24.	ZINC	

CYANIDE

PERCENT SOLIDS (%) 95

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUST BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SBW16SSM44

DATE 86/05/28

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0876

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	8.2 F	15.	MERCURY	.12 U
4.	BARIUM	159 P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.9 U P	18.	SELENIUM	2.9 U R F
7.	CALCIUM		19.	SILVER	5.9 U P
8.	CHROMIUM	26 R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	116 * F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	85

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MU BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Karl a. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SBW165SM47

DATE 86/05/28

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0879

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	5.7 U F	15.	MERCURY	.11 U
4.	BARIUM	34 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	4.6 P	18.	SELENIUM	2.9 U R F
7.	CALCIUM		19.	SILVER	5.7 U P
8.	CHROMIUM	18 R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	18 * F	24.	ZINC	

CYANIDE

PERCENT SOLIDS (%) 87

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

OMMENTS:

LAB MANAGER Kathy A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
.O. BOX 818 - ALEXANDRIA, VA 22313
.03/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SBW16SSM48

DATE 86/05/28

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0880

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL X SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	5.3 U F	15.	MERCURY	.11 U
4.	BARIUM	32 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	4.8 P	18.	SELENIUM	2.7 U R F
7.	CALCIUM		19.	SILVER	5.3 U P
8.	CHROMIUM	20 R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	2.7 U * F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	94

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

OMMENTS:

LAB MANAGER Kathi A. Morrell

Sample Number

SS-165

5B3 3'-4.5' Till

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050851
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/19/86

****

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/23/86
Date Analysed: 05/23/86
Conc/Dil Factor: 2 pH NR
Percent Moisture: 20
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	2500 u
74-83-9	Bromomethane	2500 u
75-01-4	Vinyl Chloride	2500 u
75-00-3	Chloroethane	2500 u
75-09-2	Methylene Chloride	4300 B
67-64-1	Acetone	8500 B
75-15-0	Carbon Disulfide	1250 u
75-35-4	1,1-Dichloroethene	1250 u
75-34-3	1,1-Dichloroethane	1250 u
156-60-5	Trans-1,2-Dichloroethene	1250 u
67-66-3	Chloroform	1250 u
107-06-2	1,2-Dichloroethane	1250 u
78-93-3	2-Butanone	8300 B
71-55-6	1,1,1-Trichloroethane	1250 u
56-23-5	Carbon Tetrachloride	1250 u
108-05-4	Vinyl Acetate	2500 u
75-27-4	Bromodichloromethane	1250 u

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-165

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	1250 u
10061-02-6	Trans-1,3-Dichloropropene	1250 u
79-01-6	Trichloroethene	1250 u
124-48-1	Dibromochloromethane	1250 u
79-00-5	1,1,2-Trichloroethane	1250 u
71-43-2	Benzene	1250 u
10061-01-5	cis-1,3-Dichloropropene	1250 u
110-75-8	2-Chloroethylvinylether	2500 u
75-25-2	Bromoform	1250 u
108-10-1	4-Methyl-2-Pentanone	2500 u
591-78-6	2-Hexanone	2500 u
127-18-4	Tetrachloroethene	2100
79-34-5	1,1,2,2-Tetrachloroethane	1250 u
108-88-3	Toluene	1250 u
108-90-7	Chlorobenzene	1250 u
100-41-4	Ethylbenzene	1250 u
100-42-5	Styrene	1250 u
	Total Xylenes	1250 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

alue - If the result is a value greater than or equal to the detection limit, report the value

" - Indicates compound was analysed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analysed for but not detected. The number is the minimum attainable detection limit for the sample.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

- This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides>=10ng/ul in the final extract should be confirmed by GC/MS.

- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

- Spiked compound.

NR - No value required.

Sample Number

SS-167

SB3 12-13.5' Till/Shale

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050852
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/19/86

****

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/23/86
Date Analyzed: 05/23/86
Conc/Dil Factor: 50 pH NR
Percent Moisture: 13
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	57000 u
74-83-9	Bromomethane	57000 u
75-01-4	Vinyl Chloride	57000 u
75-00-3	Chloroethane	57000 u
75-09-2	Methylene Chloride	29000 B
67-64-1	Acetone	52000 B
75-15-0	Carbon Disulfide	28500 u
75-35-4	1,1-Dichloroethene	28500 u
75-34-3	1,1-Dichloroethane	28500 u
156-60-5	Trans-1,2-Dichloroethene	28500 u
67-66-3	Chloroform	28500 u
107-06-2	1,2-Dichloroethane	28500 u
78-93-3	2-Butanone	36000 B
71-55-6	1,1,1-Trichloroethane	42000
56-23-5	Carbon Tetrachloride	28500 u
108-05-4	Vinyl Acetate	57000 u
75-27-4	Bromodichloromethane	28500 u

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-167

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	28500 u
10061-02-6	Trans-1,3-Dichloropropene	28500 u
79-01-6	Trichloroethene	28500 u
124-48-1	Dibromochloromethane	28500 u
79-00-5	1,1,2-Trichloroethane	28500 u
71-43-2	Benzene	28500 u
10061-01-5	cis-1,3-Dichloropropene	28500 u
110-75-8	2-Chloroethylvinylether	57000 u
75-25-2	Bromoform	28500 u
108-10-1	4-Methyl-2-Pentanone	57000 u
591-78-6	2-Hexanone	57000 u
127-18-4	Tetrachloroethene	800000
79-34-5	1,1,2,2-Tetrachloroethane	28500 u
108-88-3	Toluene	32000
108-90-7	Chlorobenzene	28500 u
100-41-4	Ethylbenzene	28500 u
100-42-5	Styrene	28500 u
	Total Xylenes	28500 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

alue - If the result is a value greater than or equal to the detection limit, report the value

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).
- This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides>=10ng/ul in the final extract should be confirmed by GC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- Spiked compound.

R - No value required.

Sample Number

SS-158

SB 1 0.5-3' Fill

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
L b Sample ID No: 16050847
S_mple Matrix: Soil
Data Release Authorized By:
* **********

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/19/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/23/86
Date Analyzed: 05/23/86
Conc/Dil Factor: 2.0 pH NR
Percent Moisture: 21
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	2500 u
74-83-9	Bromomethane	2500 u
75-01-4	Vinyl Chloride	2500 u
75-00-3	Chloroethane	2500 u
75-09-2	Methylene Chloride	810 J,B
67-64-1	Acetone	5900 B
75-15-0	Carbon Disulfide	1250 u
75-35-4	1,1-Dichloroethene	1250 u
75-34-3	1,1-Dichloroethane	1250 u
156-60-5	Trans-1,2-Dichloroethene	1250 u
67-66-3	Chloroform	1250 u
107-06-2	1,2-Dichloroethane	1250 u
78-93-3	2-Butanone	11000 B
71-55-6	1,1,1-Trichloroethane	1250 u
56-23-5	Carbon Tetrachloride	1250 u
108-05-4	Vinyl Acetate	2500 u
75-27-4	Bromodichloromethane	1250 u

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-158

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	1250 u
10061-02-6	Trans-1,3-Dichloropropene	1250 u
79-01-6	Trichloroethene	1250 u
124-48-1	Dibromochloromethane	1250 u
79-00-5	1,1,2-Trichloroethane	1250 u
71-43-2	Benzene	1250 u
10061-01-5	cis-1,3-Dichloropropene	1250 u
110-75-8	2-Chloroethylvinylether	2500 u
75-25-2	Bromoform	1250 u
108-10-1	4-Methyl-2-Pentanone	2500 u
591-78-6	2-Hexanone	2500 u
127-18-4	Tetrachlorethene	1250 u
79-34-5	1,1,2,2-Tetrachloroethane	1250 u
108-88-3	Toluene	1250 u
108-90-7	Chlorobenzene	1250 u
100-41-4	Ethylbenzene	1250 u
100-42-5	Styrene	1250 u
	Total Xylenes	5200

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

V lue - If the result is a value greater than or equal to the detection limit, report the value

U - Indicates compound was analysed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

C - This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides>=10ng/ul in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S - Spiked compound.

N.. - No value required.

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-158

Organics Analysis Data Sheet
(Page 6)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
* *********	**********	****	****	******
	UNKNOWN	VOA	520	2000 J
	UNKNOWN	VOA	547	8000 J

Sample Number

SS-162

SB1 16.5'-17' Shale

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050849
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/19/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/22/86
Date Analysed: 05/22/86
Conc/Dil Factor: 5 pH NR
Percent Moisture: 7
Percent Moisture (Decanted): NR

CAS Number		ug/kg	
74-87-3	Chloromethane		54 u
74-83-9	Bromomethane		54 u
75-01-4	Vinyl Chloride		54 u
75-00-3	Chloroethane		54 u
75-09-2	Methylene Chloride	260 B	
67-64-1	Acetone	940 B	
75-15-0	Carbon Disulfide		27 u
75-35-4	1,1-Dichloroethene		27 u
75-34-3	1,1-Dichloroethane		27 u
156-60-5	Trans-1,2-Dichloroethene		27 u
67-66-3	Chloroform		27 u
107-06-2	1,2-Dichloroethane		27 u
78-93-3	2-Butanone	44 B	
71-55-6	1,1,1-Trichloroethane	31	
56-23-5	Carbon Tetrachloride		27 u
108-05-4	Vinyl Acetate		54 u
75-27-4	Bromodichloromethane		27 u

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-162

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	27 u
10061-02-6	Trans-1,3-Dichloropropene	27 u
79-01-6	Trichloroethene	27 u
124-48-1	Dibromochloromethane	27 u
79-00-5	1,1,2-Trichloroethane	27 u
71-43-2	Benzene	27 u
10061-01-5	cis-1,3-Dichloropropene	27 u
110-75-8	2-Chloroethylvinylether	54 u
75-25-2	Bromoform	27 u
108-10-1	4-Methyl-2-Pentanone	54 u
591-78-6	2-Hexanone	54 u
127-18-4	Tetrachloroethene	27 u
79-34-5	1,1,2,2-Tetrachloroethane	27 u
108-88-3	Toluene	28 B
108-90-7	Chlorobenzene	27 u
100-41-4	Ethylbenzene	27 u
100-42-5	Styrene	27 u
	Total Xylenes	6 J

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

alue - If the result is a value greater than or equal to the detection limit, report the value

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

- This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- Spiked compound.

R - No value required.

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-162

Organics Analysis Data Sheet
(Page 6)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
* *********	**********	****	****	******
7 -13-1	ETHANE,1,1,2-TRICHLORO-1,2,2-TRIFLUORO-	VOA	239	200 J

Sample Number

SS-162 DUP

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
L b Sample ID No: 16050850
S_mple Matrix: Soil
Data Release Authorized By:
* **********

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/19/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/22/86
Date Analyzed: 05/22/86
Conc/Dil Factor: 5 pH NR
Percent Moisture: 6
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	53 u
74-83-9	Bromomethane	53 u
75-01-4	Vinyl Chloride	53 u
75-00-3	Chloroethane	53 u
75-09-2	Methylene Chloride	480 B
67-64-1	Acetone	620 B
75-15-0	Carbon Disulfide	26 u
75-35-4	1,1-Dichloroethene	26 u
75-34-3	1,1-Dichloroethane	26 u
156-60-5	Trans-1,2-Dichloroethene	26 u
67-66-3	Chloroform	26 u
107-06-2	1,2-Dichloroethane	26 u
78-93-3	2-Butanone	72 B
71-55-6	1,1,1-Trichloroethane	110
56-23-5	Carbon Tetrachloride	26 u
108-05-4	Vinyl Acetate	53 u
75-27-4	Bromodichloromethane	26 u

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-162 DUP

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	26 u
10061-02-6	Trans-1,3-Dichloropropene	26 u
79-01-6	Trichloroethene	26 J
124-48-1	Dibromochloromethane	26 u
79-00-5	1,1,2-Trichloroethane	26 u
71-43-2	Benzene	26 u
10061-01-5	cis-1,3-Dichloropropene	26 u
110-75-8	2-Chloroethylvinylether	53 u
75-25-2	Bromoform	26 u
108-10-1	4-Methyl-2-Pentanone	53 u
591-78-6	2-Hexanone	53 u
127-18-4	Tetrachlorethene	62
79-34-5	1,1,2,2-Tetrachloroethane	26 u
108-88-3	Toluene	81 B
108-90-7	Chlorobenzene	26 u
100-41-4	Ethylbenzene	6 J
100-42-5	Styrene	26 u
	Total Xylenes	15 J

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

alue - If the result is a value greater than or equal to the detection limit, report the value

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

- This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides>=10ng/ul in the final extract should be confirmed by GC/MS.

- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

- Spiked compound.

R - No value required.

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-162 DUP

Organics Analysis Data Sheet
(Page 6)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
** ********	**********	****	****	******
76 13-1	ETHANE,1,1,2-TRICHLORO-1,2,2-TRIFLUORO-	VOA	238	200 J

Sample Number

SS-162 BLANK

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
L b Sample ID No: 16050861
S mple Matrix: Soil
Data Release Authorized By:
* **********

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/19/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/22/86
Date Analyzed: 05/22/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: 0
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	10 u
74-83-9	Bromomethane	10 u
75-01-4	Vinyl Chloride	10 u
75-00-3	Chloroethane	10 u
75-09-2	Methylene Chloride	31 B
67-64-1	Acetone	17 B
75-15-0	Carbon Disulfide	5 u
75-35-4	1,1-Dichloroethene	5 u
75-34-3	1,1-Dichloroethane	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u
67-66-3	Chloroform	5 u
107-06-2	1,2-Dichloroethane	5 u
78-93-3	2-Butanone	10 u
71-55-6	1,1,1-Trichloroethane	5 u
56-23-5	Carbon Tetrachloride	5 u
108-05-4	Vinyl Acetate	10 u
75-27-4	Bromodichloromethane	5 u

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-162 BLANK

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	5 u
10061-02-6	Trans-1,3-Dichloropropene	5 u
79-01-6	Trichloroethene	5 u
124-48-1	Dibromochloromethane	5 u
79-00-5	1,1,2-Trichloroethane	5 u
71-43-2	Benzene	5 u
10061-01-5	cis-1,3-Dichloropropene	5 u
110-75-8	2-Chloroethylvinylether	10 u
75-25-2	Bromoform	5 u
108-10-1	4-Methyl-2-Pentanone	10 u
591-78-6	2-Hexanone	10 u
127-18-4	Tetrachlorethene	5 u
79-34-5	1,1,2,2-Tetrachloroethane	5 u
108-88-3	Toluene	5 u
108-90-7	Chlorobenzene	5 u
100-41-4	Ethylbenzene	5 u
100-42-5	Styrene	5 u
	Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

alue - If the result is a value greater than or equal to the detection limit, report the value

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

- This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

- Spiked compound.

R - No value required.

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-162 BLANK

Organics Analysis Data Sheet
(Page 6)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
* *********	**********	****	****	******
7 -13-1	ETHANE,1,1,2-TRICHLORO-1,2,2-TRIFLUORO-	VOA	240	20 J

Sample Number

SS-176

SB 4 1.5'-3' Tile

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
ab Sample ID No: 16050855
ample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/19/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/28/86
Date Analyzed: 05/28/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: 20
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	1200 u
74-83-9	Bromomethane	1200 u
75-01-4	Vinyl Chloride	1200 u
75-00-3	Chloroethane	1200 u
75-09-2	Methylene Chloride	2500 B
67-64-1	Acetone	5600 B
75-15-0	Carbon Disulfide	600 u
75-35-4	1,1-Dichloroethene	600 u
75-34-3	1,1-Dichloroethane	600 u
156-60-5	Trans-1,2-Dichloroethene	600 u
67-66-3	Chloroform	600 u
107-06-2	1,2-Dichloroethane	600 u
78-93-3	2-Butanone	7700 B
71-55-6	1,1,1-Trichloroethane	600 u
56-23-5	Carbon Tetrachloride	600 u
108-05-4	Vinyl Acetate	1200 u
75-27-4	Bromodichloromethane	600 u

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-176

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	600 u
10061-02-6	Trans-1,3-Dichloropropene	600 u
79-01-6	Trichloroethene	600 u
124-48-1	Dibromochloromethane	600 u
79-00-5	1,1,2-Trichloroethane	600 u
71-43-2	Benzene	600 u
10061-01-5	cis-1,3-Dichloropropene	600 u
110-75-8	2-Chloroethylvinylether	1200 u
75-25-2	Bromoform	600 u
108-10-1	4-Methyl-2-Pentanone	1200 u
591-78-6	2-Hexanone	1200 u
127-18-4	Tetrachlorethene	2200
79-34-5	1,1,2,2-Tetrachloroethane	600 u
108-88-3	Toluene	720
108-90-7	Chlorobenzene	600 u
100-41-4	Ethylbenzene	1700
100-42-5	Styrene	600 u
	Total Xylenes	8800

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

alue - If the result is a value greater than or equal to the detection limit, report the value

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

- This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

- Spiked compound.

R - No value required.

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-176

Organics Analysis Data Sheet
(Page 6)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
**********	**********	****	****	******
	UNKNOWN	VOA	354	800 J