Site: Chevron-Ortho
Break: 2.2
Other: V7

STSB/SAS
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ATLANTA, GA.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
COLLEGE STATION RD.
ATHENS, GA. 30613

*****MEMORANDUM******

DATE: 08/05/89

SUBJECT: Results of Pesticide/PCB Analysis;
89-437 CHEVRON CHEMICAL CO.
ORLANDO FL
CASE NO: 12126

FROM: Robert W. Knight
Chief, Laboratory Evaluation/Quality Assurance Section

TO: PHIL BLACKWELL

Attached are the results of analysis of samples collected as part of the subject project.

If you have any questions please contact me.

ATTACHMENT

10466807

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/04/89

PESTICIDES/PCB'S DATA REPORT

*** ***
** PROJECT NO. 89-437 SAMPLE NO. 36782 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: P HENDERSON **
** SOURCE: CHEVRON CHEMICAL CO. CITY: ORLANDO ST: FL **
** STATION ID: TB-01 COLLECTION START: 06/12/89 0800 STOP: 00/00/00 **
** CASE NUMBER: 12126 SAS NUMBER: D. NUMBER: N292 **
** **
*** ***

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
0.050UJ	ALPHA-BHC	0.050UJ	METHOXYCHLOR
0.050UJ	BETA-BHC	0.10UJ	ENDRIN KETONE
0.050UJ	DELTA-BHC	--	CHLORDANE (TECH. MIXTURE) /1
0.050UJ	GAMMA-BHC (LINDANE)	0.050UJ	GAMMA-CHLORDANE /2
0.050UJ	HEPTACHLOR	0.050UJ	ALPHA-CHLORDANE /2
0.050UJ	ALDRIN	1.0UJ	TOXAPHENE
0.050UJ	HEPTACHLOR EPOXIDE	0.50UJ	PCB-1016 (AROCLOR 1016)
0.050UJ	ENDOSULFAN I (ALPHA)	0.50UJ	PCB-1221 (AROCLOR 1221)
0.10UJ	DIELDRIN	0.50UJ	PCB-1232 (AROCLOR 1232)
0.10UJ	4,4'-DDE (P,P'-DDE)	0.50UJ	PCB-1242 (AROCLOR 1242)
0.10UJ	ENDRIN	0.50UJ	PCB-1248 (AROCLOR 1248)
0.10UJ	ENDOSULFAN II (BETA)	1.0UJ	PCB-1254 (AROCLOR 1254)
0.10UJ	4,4'-DDD (P,P'-DDD)	1.0UJ	PCB-1260 (AROCLOR 1260)
0.10UJ	ENDOSULFAN SULFATE		
0.10UJ	4,4'-DDT (P,P'-DDT)		

REMARKS
HOLDING TIMES EXCEEDED(40 CFR 136,OCTOBER 26,1984)

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/04/89

PROJECT NO. 89-437 SAMPLE NO. 36783 SAMPLE TYPE: SOIL
SOURCE: CHEVRON CHEMICAL CO.
STATION ID: SS-01
CASE NUMBER: 12126 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: P HENDERSON
CITY: ORLANDO ST: FL
COLLECTION START: 06/13/89 0755 STOP: 00/00/00
D. NUMBER: N293

UG/KG	ANALYTICAL RESULTS
11U	ALPHA-BHC
11U	BETA-BHC
11U	DELTA-BHC
11U	GAMMA-BHC (LINDANE)
11U	HEPTACHLOR
11U	ALDRIN
11U	HEPTACHLOR EPOXIDE
11U	ENDOSULFAN I (ALPHA)
22U	DIELDRIN
22U	4,4'-DDE (P,P'-DDE)
22U	ENDRIN
22U	ENDOSULFAN II (BETA)
22U	4,4'-DDD (P,P'-DDD)
22U	ENDOSULFAN SULFATE
22UJ	4,4'-DDT (P,P'-DDT)
110U	METHOXYCHLOR
22U	ENDRIN KETONE
--	CHLORDANE (TECH. MIXTURE) /1
110U	GAMMA-CHLORDANE /2
110U	ALPHA-CHLORDANE /2
220U	TOXAPHENE
110U	PCB-1016 (AROCLOR 1016)
110U	PCB-1221 (AROCLOR 1221)
110U	PCB-1232 (AROCLOR 1232)
110U	PCB-1242 (AROCLOR 1242)
110U	PCB-1248 (AROCLOR 1248)
220U	PCB-1254 (AROCLOR 1254)
220U	PCB-1260 (AROCLOR 1260)
26	PERCENT MOISTURE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/04/89

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 89-437 SAMPLE NO. 36784 SAMPLE TYPE: SOIL
SOURCE: CHEVRON CHEMICAL CO.
STATION ID: SB-01
CASE NUMBER: 12126 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: P HENDERSON
CITY: ORLANDO ST: FL
COLLECTION START: 06/13/89 0810 STOP: 00/00/00
D. NUMBER: N294

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
10U	ALPHA-BHC	100U	METHOXYCHLOR
10U	BETA-BHC	21U	ENDRIN KETONE
10U	DELTA-BHC	--	CHLORDANE (TECH. MIXTURE) /1
10U	GAMMA-BHC (LINDANE)	100U	GAMMA-CHLORDANE /2
10U	HEPTACHLOR	100U	ALPHA-CHLORDANE /2
10U	ALDRIN	210U	TOXAPHENE
10U	HEPTACHLOR EPOXIDE	100U	PCB-1016 (AROCLOR 1016)
10U	ENDOSULFAN I (ALPHA)	100U	PCB-1221 (AROCLOR 1221)
21U	DIELDRIN	100U	PCB-1232 (AROCLOR 1232)
21U	4,4'-DDE (P,P'-DDE)	100U	PCB-1242 (AROCLOR 1242)
21U	ENDRIN	100U	PCB-1248 (AROCLOR 1248)
21U	ENDOSULFAN II (BETA)	210U	PCB-1254 (AROCLOR 1254)
21U	4,4'-DDD (P,P'-DDD)	210U	PCB-1260 (AROCLOR 1260)
21U	ENDOSULFAN SULFATE	23	PERCENT MOISTURE
21UJ	4,4'-DDT (P,P'-DDT)		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/04/89

PESTICIDES/PCB'S DATA REPORT

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** PROJECT NO. 89-437 SAMPLE NO. 36785 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: P HENDERSON **
** SOURCE: CHEVRON CHEMICAL CO. CITY: ORLANDO ST: FL **
** STATION ID: TW-01 COLLECTION START: 06/13/89 0835 STOP: 00/00/00 **
** CASE NUMBER: 12126 SAS NUMBER: D. NUMBER: N295 **
** **

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UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
0.050U	ALPHA-BHC	0.050U	METHOXYCHLOR
0.050U	BETA-BHC	0.10U	ENDRIN KETONE
0.050U	DELTA-BHC	--	CHLORDANE (TECH. MIXTURE) /1
0.050U	GAMMA-BHC (LINDANE)	0.050U	GAMMA-CHLORDANE /2
0.050U	HEPTACHLOR	0.050U	ALPHA-CHLORDANE /2
0.050U	ALDRIN	1.0U	TOXAPHENE
0.050U	HEPTACHLOR EPOXIDE	0.50U	PCB-1016 (AROCLOR 1016)
0.050U	ENDOSULFAN I (ALPHA)	0.50U	PCB-1221 (AROCLOR 1221)
0.10U	DIELDRIN	0.50U	PCB-1232 (AROCLOR 1232)
0.10U	4,4'-DDE (P,P'-DDE)	0.50U	PCB-1242 (AROCLOR 1242)
0.10U	ENDRIN	0.50U	PCB-1248 (AROCLOR 1248)
0.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1254 (AROCLOR 1254)
0.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1260 (AROCLOR 1260)
0.10U	ENDOSULFAN SULFATE		
0.10U	4,4'-DDT (P,P'-DDT)		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/04/89

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 89-437 SAMPLE NO. 36786 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: P HENDERSON
SOURCE: CHEVRON CHEMICAL CO. CITY: ORLANDO ST: FL
STATION ID: SB-06 COLLECTION START: 06/13/89 1000 STOP: 00/00/00
CASE NUMBER: 12126 SAS NUMBER: D. NUMBER: N297

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
200U	ALPHA-BHC	2000U	METHOXYCHLOR
230	BETA-BHC	400U	ENDRIN KETONE
200U	DELTA-BHC	--	CHLORDANE (TECH. MIXTURE) /1
200U	GAMMA-BHC (LINDANE)	6700C	GAMMA-CHLORDANE /2
200U	HEPTACHLOR	5800C	ALPHA-CHLORDANE /2
940JN	ALDRIN	4000U	TOXAPHENE
200U	HEPTACHLOR EPOXIDE	2000U	PCB-1016 (AROCLOR 1016)
200U	ENDOSULFAN I (ALPHA)	2000U	PCB-1221 (AROCLOR 1221)
2000J	DIELDRIN	2000U	PCB-1232 (AROCLOR 1232)
5100J	4,4'-DDE (P,P'-DDE)	2000U	PCB-1242 (AROCLOR 1242)
400U	ENDRIN	2000U	PCB-1248 (AROCLOR 1248)
400U	ENDOSULFAN II (BETA)	4000U	PCB-1254 (AROCLOR 1254)
8400J	4,4'-DDD (P,P'-DDD)	4000U	PCB-1260 (AROCLOR 1260)
400U	ENDOSULFAN SULFATE	20	PERCENT MOISTURE
400UJ	4,4'-DDT (P,P'-DDT)		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/04/89

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 89-437 SAMPLE NO. 36787 SAMPLE TYPE: SOIL
PROG ELEM: NSF COLLECTED BY: P HENDERSON
SOURCE: CHEVRON CHEMICAL CO.
CITY: ORLANDO ST: FL
STATION ID: SS-02
COLLECTION START: 06/13/89 1110 STOP: 00/00/00
CASE NUMBER: 12126 SAS NUMBER:
D. NUMBER: N299

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
25000	ALPHA-BHC	150000U	METHOXYCHLOR
15000U	BETA-BHC	30000U	ENDRIN KETONE
15000U	DELTA-BHC	--	CHLORDANE (TECH. MIXTURE) /1
15000U	GAMMA-BHC (LINDANE)	240000C	GAMMA-CHLORDANE /2
15000U	HEPTACHLOR	480000C	ALPHA-CHLORDANE /2
15000U	ALDRIN	300000U	TOXAPHENE
15000U	HEPTACHLOR EPOXIDE	150000U	PCB-1016 (AROCLOR 1016)
15000U	ENDOSULFAN I (ALPHA)	150000U	PCB-1221 (AROCLOR 1221)
30000U	DIELDRIN	150000U	PCB-1232 (AROCLOR 1232)
320000C	4,4'-DDE (P,P'-DDE)	150000U	PCB-1242 (AROCLOR 1242)
130000	ENDRIN	150000U	PCB-1248 (AROCLOR 1248)
30000U	ENDOSULFAN II (BETA)	300000U	PCB-1254 (AROCLOR 1254)
820000C	4,4'-DDD (P,P'-DDD)	300000U	PCB-1260 (AROCLOR 1260)
30000U	ENDOSULFAN SULFATE	20	PERCENT MOISTURE
230000J	4,4'-DDT (P,P'-DDT)		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/04/89

PROJECT NO. 89-437 SAMPLE NO. 36788 SAMPLE TYPE: GROUNDWA
SOURCE: CHEVRON CHEMICAL CO.
STATION ID: TW-06
CASE NUMBER: 12126 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: P HENDERSON
CITY: ORLANDO ST: FL
COLLECTION START: 06/13/89 1120 STOP: 00/00/00
D. NUMBER: N298

UG/L	ANALYTICAL RESULTS
0.50U	ALPHA-BHC
5.9	BETA-BHC
2.1	DELTA-BHC
1.0	GAMMA-BHC (LINDANE)
0.50U	HEPTACHLOR
0.50U	ALDRIN
0.50U	HEPTACHLOR EPOXIDE
0.50U	ENDOSULFAN I (ALPHA)
1.0U	DIELDRIN
1.0U	4,4'-DDE (P,P'-DDE)
1.0U	ENDRIN
1.0U	ENDOSULFAN II (BETA)
1.0U	4,4'-DDD (P,P'-DDD)
1.0U	ENDOSULFAN SULFATE
1.0U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
0.50U	METHOXYCHLOR
1.0U	ENDRIN KETONE
--	CHLORDANE (TECH. MIXTURE) /1
12	GAMMA-CHLORDANE /2
2.6	ALPHA-CHLORDANE /2
10U	TOXAPHENE
5.0U	PCB-1016 (AROCLOR 1016)
5.0U	PCB-1221 (AROCLOR 1221)
5.0U	PCB-1232 (AROCLOR 1232)
5.0U	PCB-1242 (AROCLOR 1242)
5.0U	PCB-1248 (AROCLOR 1248)
10U	PCB-1254 (AROCLOR 1254)
10U	PCB-1260 (AROCLOR 1260)

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/04/89

PROJECT NO. 89-437 SAMPLE NO. 36789 SAMPLE TYPE: SOIL
SOURCE: CHEVRON CHEMICAL CO.
STATION ID: SS-03
CASE NUMBER: 12126 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: P HENDERSON
CITY: ORLANDO ST: FL
COLLECTION START: 06/13/89 1140 STOP: 00/00/00
D. NUMBER: N300

UG/KG	ANALYTICAL RESULTS
100U	ALPHA-BHC
31	BETA-BHC
100U	DELTA-BHC
100U	GAMMA-BHC (LINDANE)
100U	HEPTACHLOR
100U	ALDRIN
310	HEPTACHLOR EPOXIDE
100U	ENDOSULFAN I (ALPHA)
300JN	DIELDRIN
500J	4,4'-DDE (P,P'-DDE)
210U	ENDRIN
87	ENDOSULFAN II (BETA)
270JN	4,4'-DDD (P,P'-DDD)
210U	ENDOSULFAN SULFATE
67J	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
1000U	METHOXYCHLOR
210U	ENDRIN KETONE
--	CHLORDANE (TECH. MIXTURE) /1
3900C	GAMMA-CHLORDANE /2
2500C	ALPHA-CHLORDANE /2
2100U	TOXAPHENE
1000U	PCB-1016 (AROCLOR 1016)
1000U	PCB-1221 (AROCLOR 1221)
1000U	PCB-1232 (AROCLOR 1232)
1000U	PCB-1242 (AROCLOR 1242)
1000U	PCB-1248 (AROCLOR 1248)
2100U	PCB-1254 (AROCLOR 1254)
2100U	PCB-1260 (AROCLOR 1260)
23	PERCENT MOISTURE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/04/89

PROJECT NO. 89-437 SAMPLE NO. 36790 SAMPLE TYPE: SOIL
SOURCE: CHEVRON CHEMICAL CO.
STATION ID: SB-04
CASE NUMBER: 12126 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: P HENDERSON
CITY: ORLANDO ST: FL
COLLECTION START: 06/13/89 1330 STOP: 00/00/00
D. NUMBER: N301

UG/KG	ANALYTICAL RESULTS
23000C	ALPHA-BHC
4400J	BETA-BHC
15000U	DELTA-BHC
85000C	GAMMA-BHC (LINDANE)
66000C	HEPTACHLOR
15000U	ALDRIN
15000U	HEPTACHLOR EPOXIDE
15000U	ENDOSULFAN I (ALPHA)
72000J	DIELDRIN
71000J	4,4'-DDE (P,P'-DDE)
30000U	ENDRIN
30000U	ENDOSULFAN II (BETA)
350000C	4,4'-DDD (P,P'-DDD)
30000U	ENDOSULFAN SULFATE
170000JC	4,4'-DDT (P,P'-DDT)
150000U	METHOXYCHLOR
30000U	ENDRIN KETONE
--	CHLORDANE (TECH. MIXTURE) /1
200000C	GAMMA-CHLORDANE /2
220000C	ALPHA-CHLORDANE /2
300000U	TOXAPHENE
150000U	PCB-1016 (AROCLOR 1016)
150000U	PCB-1221 (AROCLOR 1221)
150000U	PCB-1232 (AROCLOR 1232)
150000U	PCB-1242 (AROCLOR 1242)
150000U	PCB-1248 (AROCLOR 1248)
300000U	PCB-1254 (AROCLOR 1254)
300000U	PCB-1260 (AROCLOR 1260)
21	PERCENT MOISTURE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/04/89

PROJECT NO. 89-437 SAMPLE NO. 36791 SAMPLE TYPE: GROUNDWA
SOURCE: CHEVRON CHEMICAL CO.
STATION ID: TW-04
CASE NUMBER: 12126 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: P HENDERSON
CITY: ORLANDO ST: FL
COLLECTION START: 06/13/89 1415 STOP: 00/00/00
D. NUMBER: N302

UG/L	ANALYTICAL RESULTS
35	ALPHA-BHC
10U	BETA-BHC
10U	DELTA-BHC
10U	GAMMA-BHC (LINDANE)
98	HEPTACHLOR
22	ALDRIN
30	HEPTACHLOR EPOXIDE
10U	ENDOSULFAN I (ALPHA)
72	DIELDRIN
52	4,4'-DDE (P,P'-DDE)
140	ENDRIN
20U	ENDOSULFAN II (BETA)
20U	4,4'-DDD (P,P'-DDD)
20U	ENDOSULFAN SULFATE
140	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
10U	METHOXYCHLOR
20U	ENDRIN KETONE
--	CHLORDANE (TECH. MIXTURE) /1
530	GAMMA-CHLORDANE /2
390	ALPHA-CHLORDANE /2
200U	TOXAPHENE
100U	PCB-1016 (AROCLOR 1016)
100U	PCB-1221 (AROCLOR 1221)
100U	PCB-1232 (AROCLOR 1232)
100U	PCB-1242 (AROCLOR 1242)
100U	PCB-1248 (AROCLOR 1248)
200U	PCB-1254 (AROCLOR 1254)
200U	PCB-1260 (AROCLOR 1260)

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/04/89

PROJECT NO. 89-437 SAMPLE NO. 36792 SAMPLE TYPE: SOIL
SOURCE: CHEVRON CHEMICAL CO.
STATION ID: SB-05
CASE NUMBER: 12126 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: P HENDERSON
CITY: ORLANDO ST: FL
COLLECTION START: 06/13/89 1535 STOP: 00/00/00
D. NUMBER: N303

UG/KG	ANALYTICAL RESULTS
100U	ALPHA-BHC
100U	BETA-BHC
100U	DELTA-BHC
100U	GAMMA-BHC (LINDANE)
190	HEPTACHLOR
100U	ALDRIN
100U	HEPTACHLOR EPOXIDE
100U	ENDOSULFAN I (ALPHA)
96J	DIELDRIN
200U	4,4'-DDE (P,P'-DDE)
200U	ENDRIN
200U	ENDOSULFAN II (BETA)
93J	4,4'-DDD (P,P'-DDD)
200U	ENDOSULFAN SULFATE
65J	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
1000U	METHOXYCHLOR
200U	ENDRIN KETONE
--	CHLORDANE (TECH. MIXTURE) /1
1000C	GAMMA-CHLORDANE /2
690JC	ALPHA-CHLORDANE /2
2000U	TOXAPHENE
1000U	PCB-1016 (AROCLOR 1016)
1000U	PCB-1221 (AROCLOR 1221)
1000U	PCB-1232 (AROCLOR 1232)
1000U	PCB-1242 (AROCLOR 1242)
1000U	PCB-1248 (AROCLOR 1248)
2000U	PCB-1254 (AROCLOR 1254)
2000U	PCB-1260 (AROCLOR 1260)
20	PERCENT MOISTURE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/04/89

PROJECT NO. 89-437 SAMPLE NO. 36793 SAMPLE TYPE: GROUNDWA
SOURCE: CHEVRON CHEMICAL CO.
STATION ID: TW-05
CASE NUMBER: 12126 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: P HENDERSON
CITY: ORLANDO ST: FL
COLLECTION START: 06/13/89 1600 STOP: 00/00/00
D. NUMBER: N296

UG/L	ANALYTICAL RESULTS
0.25U	ALPHA-BHC
0.25U	BETA-BHC
0.92	DELTA-BHC
0.79	GAMMA-BHC (LINDANE)
0.59	HEPTACHLOR
0.25U	ALDRIN
0.58	HEPTACHLOR EPOXIDE
0.25U	ENDOSULFAN I (ALPHA)
0.93	DIELDRIN
0.50U	4,4'-DDE (P,P'-DDE)
0.87	ENDRIN
0.50U	ENDOSULFAN II (BETA)
1.3	4,4'-DDD (P,P'-DDD)
0.50U	ENDOSULFAN SULFATE
0.50U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
0.25U	METHOXYCHLOR
0.50U	ENDRIN KETONE
--	CHLORDANE (TECH. MIXTURE) /1
2.8	GAMMA-CHLORDANE /2
2.2	ALPHA-CHLORDANE /2
5.0U	TOXAPHENE
2.5U	PCB-1016 (AROCLOR 1016)
2.5U	PCB-1221 (AROCLOR 1221)
2.5U	PCB-1232 (AROCLOR 1232)
2.5U	PCB-1242 (AROCLOR 1242)
2.5U	PCB-1248 (AROCLOR 1248)
5.0U	PCB-1254 (AROCLOR 1254)
5.0U	PCB-1260 (AROCLOR 1260)

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/04/89

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 89-437 SAMPLE NO. 36794 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: P HENDERSON
SOURCE: CHEVRON CHEMICAL CO. CITY: ORLANDO ST: FL
STATION ID: SB-03 COLLECTION START: 06/14/89 0930 STOP: 00/00/00
CASE NUMBER: 12126 SAS NUMBER: D. NUMBER: N304

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
3300J	ALPHA-BHC	140000U	METHOXYCHLOR
14000U	BETA-BHC	29000U	ENDRIN KETONE
14000U	DELTA-BHC	--	CHLORDANE (TECH. MIXTURE) /1
4800J	GAMMA-BHC (LINDANE)	45000JC	GAMMA-CHLORDANE /2
18000C	HEPTACHLOR	76000JC	ALPHA-CHLORDANE /2
14000J	ALDRIN	290000U	TOXAPHENE
14000U	HEPTACHLOR EPOXIDE	140000U	PCB-1016 (AROCLOR 1016)
14000U	ENDOSULFAN I (ALPHA)	140000U	PCB-1221 (AROCLOR 1221)
29000U	DIELDRIN	140000U	PCB-1232 (AROCLOR 1232)
29000U	4,4'-DDE (P,P'-DDE)	140000U	PCB-1242 (AROCLOR 1242)
29000U	ENDRIN	140000U	PCB-1248 (AROCLOR 1248)
29000U	ENDOSULFAN II (BETA)	290000U	PCB-1254 (AROCLOR 1254)
150000C	4,4'-DDD (P,P'-DDD)	290000U	PCB-1260 (AROCLOR 1260)
29000U	ENDOSULFAN SULFATE	17	PERCENT MOISTURE
74000J	4,4'-DDT (P,P'-DDT)		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/04/89

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 89-437 SAMPLE NO. 36795 SAMPLE TYPE: GROUNDWA
PROG ELEM: NSF COLLECTED BY: P HENDERSON
SOURCE: CHEVRON CHEMICAL CO.
CITY: ORLANDO ST: FL
STATION ID: TW-03
COLLECTION START: 06/14/89 1025 STOP: 00/00/00
CASE NUMBER: 12126 SAS NUMBER:
D. NUMBER: N305

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
3.6	ALPHA-BHC	0.50U	METHOXYCHLOR
0.50U	BETA-BHC	1.0U	ENDRIN KETONE
5.7	DELTA-BHC	--	CHLORDANE (TECH. MIXTURE) /1
0.50U	GAMMA-BHC (LINDANE)	0.50U	GAMMA-CHLORDANE /2
0.50U	HEPTACHLOR	0.50U	ALPHA-CHLORDANE /2
0.50U	ALDRIN	10U	TOXAPHENE
5.7	HEPTACHLOR EPOXIDE	5.0U	PCB-1016 (AROCLOR 1016)
0.50U	ENDOSULFAN I (ALPHA)	5.0U	PCB-1221 (AROCLOR 1221)
1.0U	DIELDRIN	5.0U	PCB-1232 (AROCLOR 1232)
1.0U	4,4'-DDE (P,P'-DDE)	5.0U	PCB-1242 (AROCLOR 1242)
1.0U	ENDRIN	5.0U	PCB-1248 (AROCLOR 1248)
1.0U	ENDOSULFAN II (BETA)	10U	PCB-1254 (AROCLOR 1254)
5.4	4,4'-DDD (P,P'-DDD)	10U	PCB-1260 (AROCLOR 1260)
1.0U	ENDOSULFAN SULFATE		
1.0U	4,4'-DDT (P,P'-DDT)		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/04/89

PROJECT NO. 89-437 SAMPLE NO. 36796 SAMPLE TYPE: SOIL
SOURCE: CHEVRON CHEMICAL CO.
STATION ID: SB-02
CASE NUMBER: 12126 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: P HENDERSON
CITY: ORLANDO ST: FL
COLLECTION START: 06/14/89 1205 STOP: 00/00/00
D. NUMBER: N396

UG/KG	ANALYTICAL RESULTS
24C	ALPHA-BHC
14	BETA-BHC
51C	DELTA-BHC
11U	GAMMA-BHC (LINDANE)
11U	HEPTACHLOR
11U	ALDRIN
11U	HEPTACHLOR EPOXIDE
11U	ENDOSULFAN I (ALPHA)
21U	DIELDRIN
21U	4,4'-DDE (P,P'-DDE)
21U	ENDRIN
21U	ENDOSULFAN II (BETA)
21U	4,4'-DDD (P,P'-DDD)
21U	ENDOSULFAN SULFATE
21UJ	4,4'-DDT (P,P'-DDT)
110U	METHOXYCHLOR
21U	ENDRIN KETONE
--	CHLORDANE (TECH. MIXTURE) /1
110U	GAMMA-CHLORDANE /2
110U	ALPHA-CHLORDANE /2
210U	TOXAPHENE
110U	PCB-1016 (AROCLOR 1016)
110U	PCB-1221 (AROCLOR 1221)
110U	PCB-1232 (AROCLOR 1232)
110U	PCB-1242 (AROCLOR 1242)
110U	PCB-1248 (AROCLOR 1248)
210U	PCB-1254 (AROCLOR 1254)
210U	PCB-1260 (AROCLOR 1260)
25	PERCENT MOISTURE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/04/89

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 89-437 SAMPLE NO. 36797 SAMPLE TYPE: GROUNDWA
SOURCE: CHEVRON CHEMICAL CO.
STATION ID: TW-02
CASE NUMBER: 12126 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: P HENDERSON
CITY: ORLANDO ST: FL
COLLECTION START: 06/14/89 1235 STOP: 00/00/00
D. NUMBER: N397

UG/L	ANALYTICAL RESULTS
17	ALPHA-BHC
5.5	BETA-BHC
20	DELTA-BHC
1.2	GAMMA-BHC (LINDANE)
1.1	HEPTACHLOR
3.1	ALDRIN
0.10U	HEPTACHLOR EPOXIDE
0.10U	ENDOSULFAN I (ALPHA)
1.3	DIELDRIN
0.20U	4,4'-DDE (P,P'-DDE)
0.51	ENDRIN
0.20U	ENDOSULFAN II (BETA)
0.20U	4,4'-DDD (P,P'-DDD)
0.20U	ENDOSULFAN SULFATE
0.20U	4,4'-DDT (P,P'-DDT)
0.10U	METHOXYCHLOR
0.20U	ENDRIN KETONE
--	CHLORDANE (TECH. MIXTURE) /1
3.1	GAMMA-CHLORDANE /2
0.10U	ALPHA-CHLORDANE /2
2.0U	TOXAPHENE
1.0U	PCB-1016 (AROCLOR 1016)
1.0U	PCB-1221 (AROCLOR 1221)
1.0U	PCB-1232 (AROCLOR 1232)
1.0U	PCB-1242 (AROCLOR 1242)
1.0U	PCB-1248 (AROCLOR 1248)
2.0U	PCB-1254 (AROCLOR 1254)
2.0U	PCB-1260 (AROCLOR 1260)

FOOTNOTES
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