TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES, MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Water Quality Parameters
(Concentration Units mg/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: / ANALYTE | POND A1 | POND A2 | POND A3 | POND C1 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| AMMONIA | 0.5200 (5/ 5) | 1.8000 (4/ 5) | 2.8000 (7/ 7) | 0.8400 (5/ 7) | 0.060 | 0.1 - 1 | 39 |
| CHLORIDE | 162.0000 (7/ 7) | 137.0000 (7/ 7) | 80.6000 (8/ 8) | 32.2000 (7/ 7) | 250.000 | 2 - 50 | 0 |
| CYANIDE | 0.0200 U (0/ 7) | 0.0200 U (0/ 7) | 0.0200 U (0/ 7) | 0.0200 U (0/ 7) | 0.005 | 0.01 - 0.02 | 0 |
| FLUORIDE | 4.1000 (6/ 6) | 3.1000 (6/ 6) | 0.4600 (8/ 9) | 0.5000 (7/ 7) | 2.000 | 0.1 - 1 | 12 |
| HEXAVALENT CHROMIUM | 0.0200 U (0/ 4) | 0.0200 U (0/ 4) | 0.0200 U (0/ 5) | 0.0200 U (0/ 4) | 0.011 | 0.01 - 0.02 | 0 |
| NITRATE | . (./ .) | . (./ .) | 6.0000 (1/ 1) | . (./ .) | 10.000 | 0.7000 | 0 |
| NITRATE/NITRITE | 0.3700 (2/ 7) | 0.1700 (4/ 7) | 4.8000 (9/ 9) | 0.1000 U (0/ 7) | 10.000 | 0.1 - 2 | 1 |
| NITRITE | 0.0300 (1/ 7) | 0.0200 U (0/ 7) | 0.0430 (8/ 9) | 0.0200 U (0/ 7) | 0.500 | 0.01 - 0.2 | 4 |
| SULFATE | 368.0000 (7/ 7) | 360.0000 (7/ 7) | 52.6000 (9/ 9) | 26.0000 (7/ 7) | 250.000 | 4 - 100 | 2 |
| SULFIDE | 1.0000 U (0/ 7) | 1.0000 U (0/ 7) | 1.0000 U (0/ 7) | 0.2800 (1/ 7) | 0.002 | 0.2 - 1.2 | 1 |

U = Analyzed but not detected at this concentration. . = No available information.

ADMIN RECORD

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES, MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Water Quality Parameters
(Concentration Units mg/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND B1 | POND B2 | POND B3 | POND B4 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| AMMONIA | 3.2000 (6/ 6) | 0.7800 (5/ 5) | 23.0000 (3/ 3) | 18.3000 (4/ 4) | 0.060 | 0.1 - 1 | 39 |
| CHLORIDE | 98.8000 (7/ 7) | 88.6000 (7/ 7) | 64.6000 (6/ 6) | 123.0000 (7/ 7) | 250.000 | 2 - 50 | 0 |
| CYANIDE | 0.0200 U (0/ 8) | 0.0200 U (0/ 8) | 0.0100 U (0/ 7) | 0.0200 U (0/ 8) | 0.005 | 0.01 - 0.02 | 0 |
| FLUORIDE | 1.1000 (7/ 7) | 1.2000 (7/ 7) | 0.4200 (6/ 6) | 0.5100 (7/ 7) | 2.000 | 0.1 - 1 | 12 |
| HEXAVALENT CHROMIUM | 0.0200 U (0/ 4) | 0.0200 U (0/ 4) | 0.0200 U (0/ 3) | 0.0200 U (0/ 3) | 0.011 | 0.01 - 0.02 | 0 |
| NITRATE/NITRITE | 0.2800 (1/ 7) | 0.2000 (1/ 7) | 9.6000 (5/ 5) | 18.4000 (6/ 6) | 10.000 | 0.1 - 2 | 1 |
| NITRITE | 0.0840 (2/ 7) | 0.0200 U (0/ 7) | 1.4000 (4/ 4) | 0.9700 (5/ 5) | 0.500 | 0.01 - 0.2 | 4 |
| SULFATE | 36.0000 (7/ 7) | 24.3000 (7/ 7) | 96.6000 (6/ 6) | 73.2000 (7/ 7) | 250.000 | 4 - 100 | 2 |
| SULFIDE | 1.0000 U (0/ 7) | 1.0000 U (0/ 7) | 1.0000 U (0/ 6) | 1.2000 U (0/ 7) | 0.002 | 0.2 - 1.2 | 1 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

CLP Volatiles
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND A1 | POND A2 | POND A3 | POND C1 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | 5.0000 U (0/ 6) | 5.0000 U (0/ 6) | 5.0000 U (0/28) | 5.0000 U (0/ 7) | 0.1700 | 5.0000 | 0 |
| 1,1,2-TRICHLOROETHANE | 5.0000 U (0/ 6) | 5.0000 U (0/ 6) | 5.0000 U (0/28) | 5.0000 U (0/ 7) | 0.6000 | 5.0000 | 0 |
| CHLOROFORM | 5.0000 U (0/ 6) | 5.0000 U (0/ 6) | 5.0000 U (0/28) | 5.0000 U (0/ 7) | 0.1900 | 5.0000 | 1 |
| TETRACHLOROETHENE | 5.0000 U (0/ 6) | 5.0000 U (0/ 6) | 5.0000 U (0/28) | 5.0000 U (0/ 7) | 0.8000 | 5.0000 | 0 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

CLP Volatiles
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND B1 | POND B2 | POND B3 | POND B4 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | 5.0000 U (0/ 7) | 5.0000 U (0/ 9) | 5.0000 U (0/ 6) | 5.0000 U (0/ 7) | 0.1700 | 5.0000 | 0 |
| 1,1,2-TRICHLOROETHANE | 5.0000 U (0/ 7) | 5.0000 U (0/ 9) | 5.0000 U (0/ 6) | 5.0000 U (0/ 7) | 0.6000 | 5.0000 | 0 |
| CHLOROFORM | 5.0000 U (0/ 7) | 5.0000 U (0/ 9) | 5.0000 (1/ 6) | 5.0000 U (0/ 7) | 0.1900 | 5.0000 | 1 |
| TETRACHLOROETHENE | 5.0000 U (0/ 7) | 5.0000 U (0/ 9) | 5.0000 U (0/ 6) | 5.0000 U (0/ 7) | 0.8000 | 5.0000 | 0 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

CLP Semi-Volatiles-EPA Method 625
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND A1 | POND A2 | POND A3 | POND C1 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| 2,4,6-TRICHLOROPHENOL | 12.0000 U (0/ 6) | 20.0000 U (0/ 7) | 10.0000 U (0/10) | 11.0000 U (0/ 7) | 1.2000 | 1 - 24 | 0 |
| 2-CHLOROPHENOL | 12.0000 U (0/ 6) | 20.0000 U (0/ 7) | 10.0000 U (0/10) | 11.0000 U (0/ 7) | 1.0000 | 10 - 24 | 0 |
| BENZIDINE | . (./ .) | . (./ .) | 10.0000 U (0/ 3) | . (./ .) | 0.0001 | 10.0000 | 0 |
| HEXACHLOROBENZENE | 12.0000 U (0/ 6) | 20.0000 U (0/ 7) | 10.0000 U (0/10) | 11.0000 U (0/ 7) | 0.0007 | 1 - 24 | 0 |
| HEXACHLOROBUTADIENE | 12.0000 U (0/ 6) | 20.0000 U (0/ 7) | 10.0000 U (0/10) | 11.0000 U (0/ 7) | 0.4500 | 1 - 24 | 0 |
| HEXACHLOROETHANE | 12.0000 U (0/ 6) | 20.0000 U (0/ 7) | 10.0000 U (0/10) | 11.0000 U (0/ 7) | 1.9000 | 1 - 24 | 0 |
| N-NITROSODI-N-BUTYLAMINE | . (./ .) | . (./ .) | 5.0000 U (0/ 3) | . (./ .) | 0.0064 | 5.0000 | 0 |
| N-NITROSODIETHYLAMINE | . (./ .) | . (./ .) | 5.0000 U (0/ 3) | . (./ .) | 0.0008 | 5.0000 | 0 |
| N-NITROSODIMETHYLAMINE | . (./ .) | . (./ .) | 5.0000 U (0/ 3) | . (./ .) | 0.0007 | 5.0000 | 0 |
| N-NITROSODIPHENYLAMINE | 12.0000 U (0/ 6) | 20.0000 U (0/ 7) | 10.0000 U (0/10) | 11.0000 U (0/ 7) | 4.9000 | 10 - 24 | 0 |
| N-NITROSOPYRROLIDINE | . (./ .) | . (./ .) | 10.0000 U (0/ 3) | . (./ .) | 0.0160 | 10.0000 | 0 |
| PHENOL | 12.0000 U (0/ 6) | 20.0000 U (0/ 7) | 10.0000 U (0/10) | 11.0000 U (0/ 7) | 2560.0000 | 10 - 24 | 0 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

CLP Semi-Volatiles-EPA Method 625
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND B1 | POND B2 | POND B3 | POND B4 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| 2,4,6-TRICHLOROPHENOL | 10.0000 U (0/ 7) | 10.0000 U (0/ 7) | 24.0000 U (0/ 6) | 20.0000 U (0/ 7) | 1.2000 | 1 - 24 | 0 |
| 2-CHLOROPHENOL | 10.0000 U (0/ 7) | 10.0000 U (0/ 7) | 24.0000 U (0/ 6) | 20.0000 U (0/ 7) | 1.0000 | 10 - 24 | 0 |
| HEXACHLOROBENZENE | 10.0000 U (0/ 7) | 10.0000 U (0/ 7) | 24.0000 U (0/ 6) | 20.0000 U (0/ 7) | 0.0007 | 1 - 24 | 0 |
| HEXACHLOROBUTADIENE | 10.0000 U (0/ 7) | 10.0000 U (0/ 7) | 24.0000 U (0/ 6) | 20.0000 U (0/ 7) | 0.4500 | 1 - 24 | 0 |
| HEXACHLOROETHANE | 10.0000 U (0/ 7) | 10.0000 U (0/ 7) | 24.0000 U (0/ 6) | 20.0000 U (0/ 7) | 1.9000 | 1 - 24 | 0 |
| N-NITROSODIPHENYLAMINE | 10.0000 U (0/ 7) | 10.0000 U (0/ 7) | 24.0000 U (0/ 6) | 20.0000 U (0/ 7) | 4.9000 | 10 - 24 | 0 |
| PHENOL | 10.0000 U (0/ 7) | 10.0000 U (0/ 7) | 24.0000 U (0/ 6) | 20.0000 U (0/ 7) | 2560.0000 | 10 - 24 | 0 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Selected Compounds-EPA Method 502.2
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND A1 | POND A2 | POND A3 | POND C1 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | 0.1000 U (0/ 6) | 0.1000 U (0/ 6) | 0.2000 U (0/ 8) | 0.1000 U (0/ 5) | 0.1700 | 0.01 - 0.2 | 0 |
| 1,1,2-TRICHLOROETHANE | 0.1400 U (0/ 6) | 0.1400 U (0/ 6) | 0.2000 U (0/ 8) | 0.1400 U (0/ 5) | 0.6000 | 0.04 - 0.2 | 0 |
| CHLOROFORM | 0.1000 U (0/ 6) | 0.1000 U (0/ 6) | 0.2000 U (0/ 8) | 0.1000 U (0/ 5) | 0.1900 | 0.01 - 0.2 | 17 |
| HEXACHLOROBUTADIENE | 0.2900 (1/ 6) | 0.1000 U (0/ 6) | 0.2000 U (0/ 8) | 0.1000 U (0/ 5) | 0.4500 | 0.05 - 0.2 | 0 |
| TETRACHLOROETHENE | 0.0700 (1/ 6) | 0.6800 (1/ 6) | 0.1000 (1/ 8) | 0.0400 U (0/ 5) | 0.8000 | 0.02 - 0.2 | 1 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Selected Compounds-EPA Method 502.2
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND B1 | POND B2 | POND B3 | POND B4 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | 0.1000 U (0/ 6) | 0.1000 U (0/ 6) | 0.1000 U (0/ 5) | 0.1000 U (0/ 6) | 0.1700 | 0.01 - 0.2 | 0 |
| 1,1,2-TRICHLOROETHANE | 0.1400 U (0/ 6) | 0.1400 U (0/ 6) | 0.1400 U (0/ 5) | 0.1400 U (0/ 6) | 0.6000 | 0.04 - 0.2 | 0 |
| CHLOROFORM | 0.2000 (1/ 6) | 0.7200 (6/ 6) | 3.4000 (5/ 5) | 2.4000 (6/ 6) | 0.1900 | 0.01 - 0.2 | 17 |
| HEXACHLOROBUTADIENE | 0.1000 U (0/ 6) | 0.1000 U (0/ 6) | 0.1000 U (0/ 5) | 0.1000 U (0/ 6) | 0.4500 | 0.05 - 0.2 | 0 |
| TETRACHLOROETHENE | 0.0600 (1/ 6) | 0.8700 (6/ 6) | 0.0600 (3/ 5) | 0.2000 (6/ 6) | 0.8000 | 0.02 - 0.2 | 1 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Pesticides/PCBs-EPA Method 608
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND A1 | | POND A2 | | POND A3 | | POND C1 | | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | | | | | |
| 4,4'-DDT | . | (./ .) | . | (./ .) | 0.1000 U | (0/ 3) | . | (./ .) | 0.0000240 | 0.012 - 0.1 | 0 |
| ALDRIN | . | (./ .) | . | (./ .) | 0.0500 U | (0/ 3) | . | (./ .) | 0.0000740 | 0.004 - 0.05 | 0 |
| AROCLOR-1016 | . | (./ .) | . | (./ .) | 0.5000 U | (0/ 3) | . | (./ .) | 0.0000440 | 0.2 - 0.5 | 0 |
| AROCLOR-1221 | . | (./ .) | . | (./ .) | 0.5000 U | (0/ 3) | . | (./ .) | 0.0000440 | 0.2 - 0.5 | 0 |
| AROCLOR-1232 | . | (./ .) | . | (./ .) | 0.5000 U | (0/ 3) | . | (./ .) | 0.0000440 | 0.13 - 0.5 | 0 |
| AROCLOR-1242 | . | (./ .) | . | (./ .) | 0.5000 U | (0/ 3) | . | (./ .) | 0.0000440 | 0.065 - 0.5 | 0 |
| AROCLOR-1248 | . | (./ .) | . | (./ .) | 0.5000 U | (0/ 3) | . | (./ .) | 0.0000440 | 0.065 - 0.5 | 0 |
| AROCLOR-1254 | . | (./ .) | . | (./ .) | 1.0000 U | (0/ 3) | . | (./ .) | 0.0000440 | 0.065 - 1 | 0 |
| AROCLOR-1260 | . | (./ .) | . | (./ .) | 1.0000 U | (0/ 3) | . | (./ .) | 0.0000440 | 0.065 - 1 | 0 |
| CHLORDANE | . | (./ .) | . | (./ .) | 0.5000 U | (0/ 3) | . | (./ .) | 0.0004600 | 0.014 - 0.5 | 0 |
| DIELDRIN | . | (./ .) | . | (./ .) | 0.1000 U | (0/ 3) | . | (./ .) | 0.0000710 | 0.002 - 0.1 | 0 |
| ENDOSULFAN I | . | (./ .) | . | (./ .) | 0.0500 U | (0/ 3) | . | (./ .) | 0.0030000 | 0.014 - 0.05 | 0 |
| ENDOSULFAN II | . | (./ .) | . | (./ .) | 0.1000 U | (0/ 3) | . | (./ .) | 0.0030000 | 0.004 - 0.1 | 0 |
| ENDRIN | . | (./ .) | . | (./ .) | 0.1000 U | (0/ 3) | . | (./ .) | 0.0023000 | 0.006 - 0.1 | 0 |
| HEPTACHLOR | . | (./ .) | . | (./ .) | 0.0500 U | (0/ 3) | . | (./ .) | 0.0002100 | 0.003 - 0.05 | 0 |
| TOXAPHENE | . | (./ .) | . | (./ .) | 1.0000 U | (0/ 3) | . | (./ .) | 0.0002000 | 0.24 - 1 | 0 |
| alpha-BHC | . | (./ .) | . | (./ .) | 0.0500 U | (0/ 3) | . | (./ .) | 0.0039000 | 0.003 - 0.05 | 0 |
| beta-BHC | . | (./ .) | . | (./ .) | 0.0500 U | (0/ 3) | . | (./ .) | 0.0140000 | 0.006 - 0.05 | 0 |
| gamma-BHC (LINDANE) | . | (./ .) | . | (./ .) | 0.0500 U | (0/ 3) | . | (./ .) | 0.0100000 | 0.004 - 0.05 | 0 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Tri-Herbicides-EPA Method 619
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND A1 | POND A2 | POND A3 | POND C1 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| ATRAZINE | 3.0000 (5/ 6) | 1.4000 (5/ 6) | 4.6000 (8/11) | 0.5200 U (0/ 5) | 3.00 | 0.05 - 0.15 | 2 |
| SIMAZINE | 0.6100 U (0/ 6) | 0.6100 U (0/ 6) | 0.3400 (3/ 9) | 0.6200 U (0/ 5) | 4.00 | 0.05 - 0.18 | 0 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Tri-Herbicides-EPA Method 619
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND B1 | POND B2 | POND B3 | POND B4 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| ATRAZINE | 0.8500 (1/ 7) | 0.5300 U (0/ 6) | 0.5300 U (0/ 5) | 0.5900 U (0/ 6) | 3.00 | 0.05 - 0.15 | 2 |
| SIMAZINE | 0.6500 U (0/ 7) | 0.6300 U (0/ 6) | 0.6300 U (0/ 5) | 0.7000 U (0/ 6) | 4.00 | 0.05 - 0.18 | 0 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Dioxins-EPA Method 613
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND A1 | POND A2 | POND A3 | POND C1 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| 2,3,7,8-TCDD | 0.0099 U (0/ 6) | 0.0093 U (0/ 6) | 0.0023 U (0/ 7) | 0.0030 U (0/ 6) | 0.000000013 | 0.0020 | 0 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Dioxins-EPA Method 613
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND B1 | POND B2 | POND B3 | POND B4 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| 2,3,7,8-TCDD | 0.0026 U (0/ 6) | 0.0043 U (0/ 6) | 0.0032 U (0/ 5) | 0.0028 U (0/ 6) | 0.000000013 | 0.0020 | 0 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

CLP Pesticides
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND A1 | POND A2 | POND A3 | POND C1 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| 4,4'-DDT | 0.1100 U (0/ 7) | 0.1100 U (0/ 7) | 0.1000 U (0/ 7) | 0.1100 U (0/ 7) | 0.0000240 | 0.096 - 0.11 | 0 |
| ALDRIN | 0.0540 U (0/ 7) | 0.0550 U (0/ 7) | 0.0500 U (0/ 7) | 0.0570 U (0/ 7) | 0.0000740 | 0.048 - 0.057 | 0 |
| AROCLOR-1016 | 0.5400 U (0/ 7) | 0.5500 U (0/ 7) | 0.5000 U (0/ 7) | 0.5700 U (0/ 7) | 0.0000440 | 0.48 - 0.57 | 0 |
| AROCLOR-1221 | 0.5400 U (0/ 7) | 0.5500 U (0/ 7) | 0.5000 U (0/ 7) | 0.5700 U (0/ 7) | 0.0000440 | 0.48 - 0.57 | 0 |
| AROCLOR-1232 | 0.5400 U (0/ 7) | 0.5500 U (0/ 7) | 0.5000 U (0/ 7) | 0.5700 U (0/ 7) | 0.0000440 | 0.48 - 0.57 | 0 |
| AROCLOR-1242 | 0.5400 U (0/ 7) | 0.5500 U (0/ 7) | 0.5000 U (0/ 7) | 0.5700 U (0/ 7) | 0.0000440 | 0.48 - 0.57 | 0 |
| AROCLOR-1248 | 0.5400 U (0/ 7) | 0.5500 U (0/ 7) | 0.5000 U (0/ 7) | 0.5700 U (0/ 7) | 0.0000440 | 0.48 - 0.57 | 0 |
| AROCLOR-1254 | 1.1000 U (0/ 7) | 1.1000 U (0/ 7) | 1.0000 U (0/ 7) | 1.1000 U (0/ 7) | 0.0000440 | 0.96 - 1.1 | 0 |
| AROCLOR-1260 | 1.1000 U (0/ 7) | 1.1000 U (0/ 7) | 1.0000 U (0/ 7) | 1.1000 U (0/ 7) | 0.0000440 | 0.96 - 1.1 | 0 |
| DIELDRIN | 0.1100 U (0/ 7) | 0.1100 U (0/ 7) | 0.1000 U (0/ 7) | 0.1100 U (0/ 7) | 0.0000710 | 0.096 - 0.11 | 0 |
| ENDOSULFAN I | 0.0540 U (0/ 7) | 0.0550 U (0/ 7) | 0.0500 U (0/ 7) | 0.0570 U (0/ 7) | 0.0030000 | 0.048 - 0.057 | 0 |
| ENDOSULFAN II | 0.1100 U (0/ 7) | 0.1100 U (0/ 7) | 0.1000 U (0/ 7) | 0.1100 U (0/ 7) | 0.0030000 | 0.096 - 0.11 | 0 |
| ENDRIN | 0.1100 U (0/ 7) | 0.1100 U (0/ 7) | 0.1000 U (0/ 7) | 0.1100 U (0/ 7) | 0.0023000 | 0.096 - 0.11 | 0 |
| HEPTACHLOR | 0.0540 U (0/ 7) | 0.0550 U (0/ 7) | 0.0500 U (0/ 7) | 0.0570 U (0/ 7) | 0.0002100 | 0.048 - 0.057 | 0 |
| TOXAPHENE | 1.1000 U (0/ 7) | 1.1000 U (0/ 7) | 1.0000 U (0/ 7) | 1.1000 U (0/ 7) | 0.0002000 | 0.96 - 1.1 | 0 |
| alpha-BHC | 0.0540 U (0/ 7) | 0.0550 U (0/ 7) | 0.0500 U (0/ 7) | 0.0570 U (0/ 7) | 0.0039000 | 0.048 - 0.057 | 0 |
| beta-BHC | 0.0540 U (0/ 7) | 0.0550 U (0/ 7) | 0.0500 U (0/ 7) | 0.0570 U (0/ 7) | 0.0140000 | 0.048 - 0.057 | 1 |
| gamma-BHC (LINDANE) | 0.0540 U (0/ 7) | 0.0550 U (0/ 7) | 0.0500 U (0/ 7) | 0.0570 U (0/ 7) | 0.0100000 | 0.048 - 0.057 | 0 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

CLP Pesticides
(Concentration Units ug/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND B1 | POND B2 | POND B3 | POND B4 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| 4,4'-DDT | 0.1100 U (0/ 7) | 0.1100 U (0/ 7) | 0.1100 U (0/ 6) | 0.1100 U (0/ 7) | 0.0000240 | 0.096 - 0.11 | 0 |
| ALDRIN | 0.0570 U (0/ 7) | 0.0530 U (0/ 7) | 0.0550 U (0/ 6) | 0.0550 U (0/ 7) | 0.0000740 | 0.048 - 0.057 | 0 |
| AROCLOR-1016 | 0.5700 U (0/ 7) | 0.5300 U (0/ 7) | 0.5500 U (0/ 6) | 0.5500 U (0/ 7) | 0.0000440 | 0.48 - 0.57 | 0 |
| AROCLOR-1221 | 0.5700 U (0/ 7) | 0.5300 U (0/ 7) | 0.5500 U (0/ 6) | 0.5500 U (0/ 7) | 0.0000440 | 0.48 - 0.57 | 0 |
| AROCLOR-1232 | 0.5700 U (0/ 7) | 0.5300 U (0/ 7) | 0.5500 U (0/ 6) | 0.5500 U (0/ 7) | 0.0000440 | 0.48 - 0.57 | 0 |
| AROCLOR-1242 | 0.5700 U (0/ 7) | 0.5300 U (0/ 7) | 0.5500 U (0/ 6) | 0.5500 U (0/ 7) | 0.0000440 | 0.48 - 0.57 | 0 |
| AROCLOR-1248 | 0.5700 U (0/ 7) | 0.5300 U (0/ 7) | 0.5500 U (0/ 6) | 0.5500 U (0/ 7) | 0.0000440 | 0.48 - 0.57 | 0 |
| AROCLOR-1254 | 1.1000 U (0/ 7) | 1.1000 U (0/ 7) | 1.1000 U (0/ 6) | 1.1000 U (0/ 7) | 0.0000440 | 0.96 - 1.1 | 0 |
| AROCLOR-1260 | 1.1000 U (0/ 7) | 1.1000 U (0/ 7) | 1.1000 U (0/ 6) | 1.1000 U (0/ 7) | 0.0000440 | 0.96 - 1.1 | 0 |
| DIELDRIN | 0.1100 U (0/ 7) | 0.1100 U (0/ 7) | 0.1100 U (0/ 6) | 0.1100 U (0/ 7) | 0.0000710 | 0.096 - 0.11 | 0 |
| ENDOSULFAN I | 0.0570 U (0/ 7) | 0.0530 U (0/ 7) | 0.0550 U (0/ 6) | 0.0550 U (0/ 7) | 0.0030000 | 0.048 - 0.057 | 0 |
| ENDOSULFAN II | 0.1100 U (0/ 7) | 0.1100 U (0/ 7) | 0.1100 U (0/ 6) | 0.1100 U (0/ 7) | 0.0030000 | 0.096 - 0.11 | 0 |
| ENDRIN | 0.1100 U (0/ 7) | 0.1100 U (0/ 7) | 0.1100 U (0/ 6) | 0.1100 U (0/ 7) | 0.0023000 | 0.096 - 0.11 | 0 |
| HEPTACHLOR | 0.0570 U (0/ 7) | 0.0530 U (0/ 7) | 0.0000 (1/ 6) | 0.0550 U (0/ 7) | 0.0002100 | 0.048 - 0.057 | 0 |
| TOXAPHENE | 1.1000 U (0/ 7) | 1.1000 U (0/ 7) | 1.1000 U (0/ 6) | 1.1000 U (0/ 7) | 0.0002000 | 0.96 - 1.1 | 0 |
| alpha-BHC | 0.0570 U (0/ 7) | 0.0530 U (0/ 7) | 0.0000 (1/ 6) | 0.0000 (1/ 7) | 0.0039000 | 0.048 - 0.057 | 0 |
| beta-BHC | 0.0570 U (0/ 7) | 0.0530 U (0/ 7) | 0.0000 (1/ 6) | 0.0510 (1/ 7) | 0.0140000 | 0.048 - 0.057 | 1 |
| gamma-BHC (LINDANE) | 0.0570 U (0/ 7) | 0.0530 U (0/ 7) | 0.0000 (1/ 6) | 0.0000 (1/ 7) | 0.0100000 | 0.048 - 0.057 | 0 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Total Metals-CLP & Non-CLP
(Concentration Units mg/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: ANALYTE | POND A1 | POND A2 | POND A3 | POND C1 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANTIMONY | 0.0422 U (0/ 6) | 0.0256 U (0/ 7) | 0.0370 U (0/ 9) | 0.0322 (1/ 5) | 0.0140000 | 0.0138- 0.06 | 1 |
| ARSENIC | 0.0068 (6/ 6) | 0.0078 (4/ 7) | 0.0040 U (0/ 9) | 0.0009 (1/ 5) | 0.0500000 | 0.0007- 0.01 | 0 |
| BARIUM | 0.0607 (6/ 6) | 0.0760 (7/ 7) | 0.1010 (7/ 9) | 0.1200 (5/ 5) | 1.0000000 | 0.0013- 0.2 | 0 |
| BERYLLIUM | 0.0010 U (0/ 6) | 0.0010 U (0/ 7) | 0.0019 (1/10) | 0.0012 (2/ 5) | 0.0000076 | 0.0005- 0.005 | 4 |
| CADMIUM | 0.0046 U (0/ 4) | 0.0033 U (0/ 4) | 0.0040 U (0/ 6) | 0.0046 U (0/ 3) | 0.0015000 | 0.0024- 0.005 | 0 |
| CHROMIUM | 0.0055 U (0/ 6) | 0.0041 U (0/ 7) | 0.0020 (1/ 9) | 0.0055 U (0/ 5) | 0.0500000 | 0.0026- 0.01 | 0 |
| COPPER | 0.0054 U (0/ 6) | 0.0037 (1/ 7) | 0.0140 (1/ 9) | 0.0054 U (0/ 5) | 0.0160500 | 0.0021- 0.025 | 0 |
| IRON | 1.1000 (2/ 6) | 0.2200 (5/ 7) | 0.8000 (8/ 9) | 1.2300 (5/ 5) | 1.0000000 | 0.0063- 0.1 | 3 |
| LEAD | 0.0041 (2/ 6) | 0.0110 (2/ 7) | 0.0040 (4/ 9) | 0.0054 (5/ 5) | 0.0064600 | 0.0008- 0.005 | 3 |
| MANGANESE | 0.0460 (6/ 6) | 0.6840 (7/ 7) | 0.1160 (9/ 9) | 0.2400 (5/ 5) | 1.0000000 | 0.001 - 0.015 | 0 |
| MERCURY | 0.0002 U (0/ 6) | 0.0004 (1/ 7) | 0.0002 U (0/ 9) | 0.0002 U (0/ 5) | 0.0000100 | 0.0002 | 1 |
| NICKEL | 0.0237 (2/ 6) | 0.0063 (4/ 7) | 0.0065 (3/ 9) | 0.0147 U (0/ 5) | 0.1250000 | 0.0039- 0.04 | 0 |
| SELENIUM | 0.0018 (1/ 6) | 0.0012 (1/ 7) | 0.0034 (1/ 9) | 0.0015 (1/ 5) | 0.0100000 | 0.0011- 0.005 | 0 |
| SILVER | 0.0068 U (0/ 6) | 0.0050 U (0/ 7) | 0.0050 U (0/ 9) | 0.0068 U (0/ 5) | 0.0005900 | 0.0029- 0.01 | 1 |
| THALLIUM | 0.0021 (1/ 6) | 0.0200 U (0/ 7) | 0.0100 U (0/ 9) | 0.0040 U (0/ 5) | 0.0000120 | 0.0014- 0.012 | 2 |
| ZINC | 0.0260 (1/ 6) | 0.0190 (2/ 7) | 0.0540 (4/ 9) | 0.0072 U (0/ 5) | 0.0450000 | 0.0018- 0.02 | 5 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES, MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Total Metals-CLP & Non-CLP
(Concentration Units mg/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND B1 | POND B2 | POND B3 | POND B4 | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | |
| ANTIMONY | 0.0422 U (0/ 6) | 0.0422 U (0/ 6) | 0.0422 U (0/ 5) | 0.0422 U (0/ 6) | 0.0140000 | 0.0138- 0.06 | 1 |
| ARSENIC | 0.0031 (2/ 6) | 0.0041 (3/ 6) | 0.0040 U (0/ 5) | 0.0040 U (0/ 6) | 0.0500000 | 0.0007- 0.01 | 0 |
| BARIUM | 0.0613 (4/ 6) | 0.1210 (4/ 6) | 0.0300 (4/ 5) | 0.0670 (5/ 6) | 1.0000000 | 0.0013- 0.2 | 0 |
| BERYLLIUM | 0.0016 (1/ 7) | 0.0010 U (0/ 6) | 0.0010 U (0/ 5) | 0.0010 U (0/ 6) | 0.0000076 | 0.0005- 0.005 | 4 |
| CADMIUM | 0.0046 U (0/ 5) | 0.0046 U (0/ 5) | 0.0046 U (0/ 3) | 0.0046 U (0/ 4) | 0.0015000 | 0.0024- 0.005 | 0 |
| CHROMIUM | 0.0058 U (0/ 6) | 0.0055 U (0/ 6) | 0.0064 (1/ 5) | 0.0069 U (0/ 6) | 0.0500000 | 0.0026- 0.01 | 0 |
| COPPER | 0.0054 U (0/ 6) | 0.0054 U (0/ 6) | 0.0073 (2/ 5) | 0.0082 (4/ 6) | 0.0160500 | 0.0021- 0.025 | 0 |
| IRON | 0.4700 (4/ 6) | 0.4910 (4/ 6) | 0.2540 (2/ 5) | 0.5000 (5/ 6) | 1.0000000 | 0.0063- 0.1 | 3 |
| LEAD | 0.0019 (3/ 6) | 0.0110 (3/ 6) | 0.0066 (5/ 5) | 0.0060 (3/ 6) | 0.0064600 | 0.0008- 0.005 | 3 |
| MANGANESE | 0.1570 (6/ 6) | 0.0630 (6/ 6) | 0.0630 (5/ 5) | 0.1100 (6/ 6) | 1.0000000 | 0.001 - 0.015 | 0 |
| MERCURY | 0.0002 U (0/ 6) | 0.0002 U (0/ 6) | 0.0002 U (0/ 5) | 0.0002 U (0/ 6) | 0.0000100 | 0.0002 | 1 |
| NICKEL | 0.0163 (1/ 6) | 0.0147 U (0/ 6) | 0.0092 (1/ 5) | 0.0147 U (0/ 6) | 0.1250000 | 0.0039- 0.04 | 0 |
| SELENIUM | 0.0040 U (0/ 6) | 0.0040 U (0/ 6) | 0.0040 U (0/ 5) | 0.0014 (1/ 6) | 0.0100000 | 0.0011- 0.005 | 0 |
| SILVER | 0.0068 U (0/ 6) | 0.0569 (1/ 6) | 0.0068 U (0/ 5) | 0.0068 U (0/ 6) | 0.0005900 | 0.0029- 0.01 | 1 |
| THALLIUM | 0.0019 U (0/ 6) | 0.0120 U (0/ 6) | 0.0040 U (0/ 5) | 0.0023 (1/ 6) | 0.0000120 | 0.0014- 0.012 | 2 |
| ZINC | 0.0248 (2/ 6) | 0.0104 U (0/ 6) | 0.0599 (4/ 5) | 0.0551 (5/ 6) | 0.0450000 | 0.0018- 0.02 | 5 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Dissolved Metals-CLP & Non-CLP
(Concentration Units mg/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND A1 | | POND A2 | | POND A3 | | POND C1 | | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | | | | | |
| ALUMINUM | 0.0100 | (1/ 7) | 0.0610 | (3/ 8) | 0.0390 | (3/10) | 0.1080 U | (0/ 5) | 0.0870000 | 0.0223- 0.2 | 1 |
| IRON | 0.0160 | (1/ 7) | 0.0315 | (3/ 8) | 0.2300 | (2/10) | 0.0670 | (3/ 5) | 0.3000000 | 0.0063- 0.1 | 0 |
| MANGANESE | 0.2300 | (4/ 7) | 0.4340 | (8/ 8) | 0.1900 | (8/10) | 0.1140 | (5/ 5) | 0.0500000 | 0.001 - 0.015 | 15 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Dissolved Metals-CLP & Non-CLP
(Concentration Units mg/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND B1 | | POND B2 | | POND B3 | | POND B4 | | SEGMENT 4 STANDARD | DETECTION LIMIT (RANGE) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | | | | | |
| ALUMINUM | 0.1080 U | (0/ 6) | 0.0338 | (1/ 6) | 0.2200 | (1/ 5) | 0.0360 | (1/ 6) | 0.0870000 | 0.0223- 0.2 | 1 |
| IRON | 0.0509 | (2/ 6) | 0.0678 | (4/ 6) | 0.1860 | (3/ 5) | 0.0260 | (2/ 6) | 0.3000000 | 0.0063- 0.1 | 0 |
| MANGANESE | 0.0493 | (6/ 6) | 0.0430 | (1/ 6) | 0.0660 | (5/ 5) | 0.1100 | (6/ 6) | 0.0500000 | 0.001 - 0.015 | 15 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES, MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Total Radiochemistry
(Concentration Units pCi/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND A1 | | POND A2 | | POND A3 | | POND C1 | | SEGMENT 4 STANDARD | MINIMUM DETECT. ACTIVITY (MDA) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | | | | | |
| AMERICIUM-241 | 0.0640 | (5/ 5) | 0.0629 | (5/ 5) | 0.0300 | (6/ 6) | 0.0233 | (4/ 4) | 0.05 | 0.002 - 0.104 | 5 |
| CESIUM-137 | 0.5800 | (6/ 6) | 0.3100 | (6/ 6) | 0.3700 | (7/ 7) | 0.9200 | (5/ 5) | 80.00 | 0.24 - 0.91 | 0 |
| CURIUM-244 | 0.0113 | (3/ 3) | 0.0182 | (3/ 3) | 0.0106 | (6/ 6) | 0.0240 | (3/ 3) | 60.00 | 0.003 - 0.086 | 0 |
| GROSS ALPHA | 8.4000 | (6/ 6) | 13.0400 | (6/ 6) | 7.6610 | (4/40) | 4.2000 | (5/ 5) | 7.00 | 0.41 - 8.75 | 10 |
| GROSS BETA | 17.6900 | (6/ 6) | 26.2300 | (6/ 6) | 10.3800 | (4/40) | 12.0000 | (5/ 5) | 5.00 | 0.9 - 6.86 | 60 |
| NEPTUNIUM-237 | . | (./ .) | . | (./ .) | . | (./ .) | -0.0090 | (1/ 1) | 30.00 | 0.015 - 0.058 | 0 |
| PLUTONIUM-239/240 | 0.0418 | (7/ 7) | 0.0350 | (7/ 7) | 0.0247 | (8/ 8) | 0.0142 | (6/ 6) | 0.05 | 0.001 - 0.014 | 7 |
| STRONTIUM-89,90 | 0.7000 | (6/ 6) | 0.8919 | (6/ 6) | 0.9900 | (7/ 7) | 0.5300 | (5/ 5) | 8.00 | 0.16 - 0.96 | 0 |
| TRITIUM | 19.0000 | (2/ 2) | 130.0000 | (2/ 2) | 85.7033 | (3/ 3) | 330.0000 | (2/ 2) | 500.00 | 209 - 420 | 1 |
| URANIUM-233,-234 | 4.0000 | (7/ 7) | 4.9520 | (7/ 7) | 2.7480 | (8/ 8) | 1.1000 | (6/ 6) | 5.00 | 0.027 - 0.31 | 0 |
| URANIUM-235 | 0.3500 | (7/ 7) | 0.3300 | (7/ 7) | 0.2293 | (8/ 8) | 0.0980 | (6/ 6) | 5.00 | 0.025 - 0.37 | 0 |
| URANIUM-238 | 5.7000 | (7/ 7) | 6.9290 | (7/ 7) | 3.7140 | (8/ 8) | 0.8800 | (6/ 6) | 5.00 | 0.029 - 0.31 | 6 |

U = Analyzed but not detected at this concentration. . = No available information.

TABLE OF SEGMENT 5 - BIG DRY CREEK SAMPLING STATIONS, ANALYTES,
MAXIMUM VALUES, DETECTS, AND COMPARISON TO SEGMENT 4 STANDARDS

Total Radiochemistry
(Concentration Units pCi/l)

January 1990 through December 1991

(Value indicates maximum amount detected, number of detects over total number of samples are in parentheses)

| STATION: | POND B1 | | POND B2 | | POND B3 | | POND B4 | | SEGMENT 4 STANDARD | MINIMUM DETECT. ACTIVITY (MDA) | # OF DETECTS >SEG 4 STD (ALL PONDS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ANALYTE | | | | | | | | | | | |
| AMERICIUM-241 | 0.4401 | (5/ 5) | 0.0450 | (5/ 5) | 0.0620 | (5/ 5) | 0.0280 | (5/ 5) | 0.05 | 0.002 - 0.104 | 5 |
| CESIUM-137 | 2.9000 | (6/ 6) | 0.6700 | (7/ 7) | 1.2000 | (6/ 6) | 0.7400 | (6/ 6) | 80.00 | 0.24 - 0.91 | 0 |
| CURIUM-244 | 0.1574 | (4/ 4) | 0.0260 | (4/ 4) | 0.0080 | (4/ 4) | 0.0030 | (5/ 5) | 60.00 | 0.003 - 0.086 | 0 |
| GROSS ALPHA | 3.1000 | (6/ 6) | 4.2000 | (6/ 6) | 1.4000 | (7/ 7) | 3.3000 | (6/ 6) | 7.00 | 0.41 - 8.75 | 10 |
| GROSS BETA | 9.2000 | (6/ 6) | 21.1100 | (7/ 7) | 32.0200 | (7/ 7) | 12.7700 | (6/ 6) | 5.00 | 0.9 - 6.86 | 60 |
| NEPTUNIUM-237 | 0.0000 | (1/ 1) | 0.0470 | (2/ 2) | 0.0430 | (1/ 1) | 0.0130 | (2/ 2) | 30.00 | 0.015 - 0.058 | 0 |
| PLUTONIUM-239/240 | 0.1600 | (7/ 7) | 0.1400 | (8/ 8) | 0.0620 | (7/ 7) | 0.0710 | (7/ 7) | 0.05 | 0.001 - 0.014 | 7 |
| STRONTIUM-89,90 | 0.2800 | (6/ 6) | 0.5600 | (7/ 7) | 0.3100 | (6/ 6) | 0.3500 | (6/ 6) | 8.00 | 0.16 - 0.96 | 0 |
| TRITIUM | 650.0000 | (3/ 3) | 410.0000 | (3/ 3) | 160.0000 | (2/ 2) | 270.0000 | (3/ 3) | 500.00 | 209 - 420 | 1 |
| URANIUM-233,-234 | 2.4000 | (7/ 7) | 2.4000 | (8/ 8) | 0.9300 | (7/ 7) | 2.1000 | (7/ 7) | 5.00 | 0.027 - 0.31 | 0 |
| URANIUM-235 | 0.1389 | (7/ 7) | 0.1800 | (8/ 8) | 0.0880 | (7/ 7) | 0.1600 | (7/ 7) | 5.00 | 0.025 - 0.37 | 0 |
| URANIUM-238 | 1.8530 | (7/ 7) | 1.9000 | (8/ 8) | 0.9300 | (7/ 7) | 1.3000 | (7/ 7) | 5.00 | 0.029 - 0.31 | 6 |

U = Analyzed but not detected at this concentration. . = No available information.