SITE: Firestone Albany
BREAK: 3.2
OTHER:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
COLLEGE STATION RD.
ATHENS, GA. 30613

8/14/91

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

DATE: 08/28/91

SUBJECT: Results of Purgeable Organic Analysis;
91-878 FIRESTONE TIRE & RUB
ALBANY GA

FROM: Frank Allen, Chemist

TO: WADE KNIGHT

THRU: Tom B. Bennett, Jr.
Chief, Organic Chemistry Section

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

If you have any questions please contact me.

ATTACHMENT

AUG 29 1991

10190571

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

PURGEABLE ORGANICS DATA REPORT 08/27/91

PROJECT NO. 91-878 SAMPLE NO. 60977 SAMPLE TYPE: WATER
SOURCE: FIRESTONE TIRE & RUB
STATION ID: MW-1-1

PROG ELEM: SSF COLLECTED BY: WAYNE REVELS
CITY: ALBANY ST: GA
COLLECTION START: 08/14/91 1010 STOP: 00/00/00

| UG/L | ANALYTICAL RESULTS |
|---|---|
| 75U | CHLOROMETHANE |
| 75U | VINYL CHLORIDE |
| 75U | BROMOMETHANE |
| 75U | CHLOROETHANE |
| 75U | TRICHLOROFLUOROMETHANE |
| 75U | 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) |
| 750U | ACETONE |
| 21J | CARBON DISULFIDE |
| 75U | METHYLENE CHLORIDE |
| 75U | TRANS-1,2-DICHLOROETHENE |
| 75U | 1,1-DICHLOROETHANE |
| 190U | VINYL ACETATE |
| 75U | CIS-1,2-DICHLOROETHENE |
| 75U | 2,2-DICHLOROPROPANE |
| 750U | METHYL ETHYL KETONE |
| 75U | BROMOCHLOROMETHANE |
| 75U | CHLOROFORM |
| 75U | 1,1,1-TRICHLOROETHANE |
| 75U | 1,1-DICHLOROPROPENE |
| 75U | CARBON TETRACHLORIDE |
| 75U | 1,2-DICHLOROETHANE |
| 59J | BENZENE |
| 75U | TRICHLOROETHENE(TRICHLOROETHYLENE) |
| 75U | 1,2-DICHLOROPROPANE |
| 75U | DIBROMOMETHANE |
| 75U | BROMODICHLOROMETHANE |

| UG/L | ANALYTICAL RESULTS |
|---|---|
| 75U | CIS-1,3-DICHLOROPROPENE |
| 190U | METHYL ISOBUTYL KETONE |
| 14J | TOLUENE |
| 75U | TRANS-1,3-DICHLOROPROPENE |
| 75U | 1,1,2-TRICHLOROETHANE |
| 75U | TETRACHLOROETHENE(TETRACHLOROETHYLENE) |
| 75U | 1,3-DICHLOROPROPANE |
| 190U | METHYL BUTYL KETONE |
| 75U | DIBROMOCHLOROMETHANE |
| 75U | CHLOROBENZENE |
| 75U | 1,1,1,2-TETRACHLOROETHANE |
| 210 | ETHYL BENZENE |
| 510 | (M- AND/OR P-)XYLENE |
| 370 | O-XYLENE |
| 75U | STYRENE |
| 75U | BROMOFORM |
| 75U | BROMOBENZENE |
| 75U | 1,1,2,2-TETRACHLOROETHANE |
| 75U | 1,2,3-TRICHLOROPROPANE |
| 75U | O-CHLOROTOLUENE |
| 75U | P-CHLOROTOLUENE |
| 75U | 1,3-DICHLOROBENZENE |
| 75U | 1,4-DICHLOROBENZENE |
| 75U | 1,2-DICHLOROBENZENE |

***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.

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

08/27/91

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 91-878 SAMPLE NO. 60980 SAMPLE TYPE: WATER PROG ELEM: SSF COLLECTED BY: WAYNE REVELS
SOURCE: FIRESTONE TIRE & RUB CITY: ALBANY ST: GA
STATION ID: MW-1-2 COLLECTION START: 08/14/91 1600 STOP: 00/00/00

| UG/L | ANALYTICAL RESULTS | UG/L | ANALYTICAL RESULTS |
|---|---|---|---|
| 1.7J | CHLOROMETHANE | 5.0U | CIS-1,3-DICHLOROPROPENE |
| 5.0U | VINYL CHLORIDE | 12U | METHYL ISOBUTYL KETONE |
| 5.0U | BROMOMETHANE | 5.0U | TOLUENE |
| 5.0U | CHLOROETHANE | 5.0U | TRANS-1,3-DICHLOROPROPENE |
| 5.0U | TRICHLOROFLUOROMETHANE | 5.0U | 1,1,2-TRICHLOROETHANE |
| 5.0U | 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) | 5.0U | TETRACHLOROETHENE(TETRACHLOROETHYLENE) |
| 50U | ACETONE | 5.0U | 1,3-DICHLOROPROPANE |
| 12U | CARBON DISULFIDE | 12U | METHYL BUTYL KETONE |
| 5.0U | METHYLENE CHLORIDE | 5.0U | DIBROMOCHLOROMETHANE |
| 5.0U | TRANS-1,2-DICHLOROETHENE | 5.0U | CHLOROBENZENE |
| 5.0U | 1,1-DICHLOROETHANE | 5.0U | 1,1,1,2-TETRACHLOROETHANE |
| 12U | VINYL ACETATE | 5.0U | ETHYL BENZENE |
| 5.0U | CIS-1,2-DICHLOROETHENE | 0.51J | (M- AND/OR P-)XYLENE |
| 5.0U | 2,2-DICHLOROPROPANE | 2.3J | O-XYLENE |
| 50U | METHYL ETHYL KETONE | 5.0U | STYRENE |
| 5.0U | BROMOCHLOROMETHANE | 5.0U | BROMOFORM |
| 5.0U | CHLOROFORM | 5.0U | BROMOBENZENE |
| 5.0U | 1,1,1-TRICHLOROETHANE | 5.0U | 1,1,2,2-TETRACHLOROETHANE |
| 5.0U | 1,1-DICHLOROPROPENE | 5.0U | 1,2,3-TRICHLOROPROPANE |
| 5.0U | CARBON TETRACHLORIDE | 5.0U | O-CHLOROTOLUENE |
| 5.0U | 1,2-DICHLOROETHANE | 5.0U | P-CHLOROTOLUENE |
| 30 | BENZENE | 5.0U | 1,3-DICHLOROBENZENE |
| 5.0U | TRICHLOROETHENE(TRICHLOROETHYLENE) | 5.0U | 1,4-DICHLOROBENZENE |
| 5.0U | 1,2-DICHLOROPROPANE | 5.0U | 1,2-DICHLOROBENZENE |
| 5.0U | DIBROMOMETHANE | | |
| 5.0U | BROMODICHLOROMETHANE | | |

***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.

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

08/27/91

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

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**   PROJECT NO. 91-878   SAMPLE NO. 60977  SAMPLE TYPE: WATER       PROG ELEM: SSF   COLLECTED BY: WAYNE REVELS                **
**   SOURCE: FIRESTONE TIRE & RUB                                    CITY: ALBANY                ST: GA                          **
**   STATION ID: MW-1-1                                              COLLECTION START: 08/14/91  1010   STOP: 00/00/00           **
**                                                                                                                               **
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ANALYTICAL RESULTS UG/L

| | |
|---|---|
| 80JN | PROPYLBENZENE |
| 500JN | ETHYLMETHYLBENZENE (2 ISOMERS) |
| 800JN | TRIMETHYLBENZENE (3 ISOMERS) |
| N | PETROLEUM PRODUCT |

***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.