1_1_1-Trichloroethan	2.923E+02	2.000E-01	1.334E+02	9.000E+09	3.270E-01	3.270E-01	3.270E-01	0.000E+00	1.000E+06
TPH-heating oil	2.112E+07	0.000E+00	1.782E+01	9.000E+09	1.780E+00	1.780E+00	1.780E+00	0.000E+00	1.000E+06

---------- RESULTS ----------

* = Limiting pore water concentration exceeds solubility

Receptor Location X, Y, Z, (meters): -7.188E+02, 2.105E+02, 1.500E+01

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
Tetrachloroethene	1.603E-06	1.210E-06	0.000E+00	0.000E+00	2.363E+01	2.009E+02
1_1_1-Trichloroethan	9.275E-07	5.068E-07	0.000E+00	0.000E+00	3.157E+03	1.070E+02
TPH-heating oil	1.779E-02	1.636E-02	0.000E+00	0.000E+00	0.000E+00	4.022E+02

Receptor Location X, Y, Z, (meters): 7.550E+01,-2.000E+02, 1.500E+01

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
Tetrachloroethene	7.875E-13	5.609E-13	0.000E+00	0.000E+00	5.098E+07*	2.363E+02
1_1_1-Trichloroethan	4.673E-13	2.346E-13	0.000E+00	0.000E+00	6.821E+09*	1.230E+02
TPH-heating oil	8.609E-09	7.919E-09	0.000E+00	0.000E+00	0.000E+00	4.795E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 0.000E+00, 1.500E+01

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
Tetrachloroethene	3.569E-09	2.474E-09	0.000E+00	0.000E+00	1.156E+04	2.314E+02
1_1_1-Trichloroethan	2.113E-09	1.080E-09	0.000E+00	0.000E+00	1.481E+06*	1.208E+02
TPH-heating oil	3.907E-05	3.571E-05	0.000E+00	0.000E+00	0.000E+00	4.688E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.000E+02, 1.500E+01

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
Tetrachloroethene	4.054E-08	2.783E-08	0.000E+00	0.000E+00	1.028E+03	2.300E+02
1_1_1-Trichloroethan	2.398E-08	1.247E-08	0.000E+00	0.000E+00	1.283E+05	1.201E+02
TPH-heating oil	4.440E-04	4.043E-04	0.000E+00	0.000E+00	0.000E+00	4.657E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 2.000E+02, 1.500E+01

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
Tetrachloroethene	1.052E-07	7.145E-08	0.000E+00	0.000E+00	4.003E+02	2.293E+02
1_1_1-Trichloroethan	6.220E-08	3.252E-08	0.000E+00	0.000E+00	4.920E+04	1.198E+02
TPH-heating oil	1.153E-03	1.039E-03	0.000E+00	0.000E+00	0.000E+00	4.639E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 3.000E+02, 1.500E+01

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
Tetrachloroethene	5.623E-08	3.783E-08	0.000E+00	0.000E+00	7.560E+02	2.293E+02
1_1_1-Trichloroethan	3.329E-08	1.733E-08	0.000E+00	0.000E+00	9.231E+04	1.201E+02
TPH-heating oil	6.165E-04	5.529E-04	0.000E+00	0.000E+00	0.000E+00	4.641E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 4.000E+02, 1.500E+01

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
Tetrachloroethene	6.656E-09	4.666E-09	0.000E+00	0.000E+00	6.129E+03	2.314E+02
1_1_1-Trichloroethan	3.944E-09	2.025E-09	0.000E+00	0.000E+00	7.901E+05*	1.208E+02
TPH-heating oil	7.289E-05	6.607E-05	0.000E+00	0.000E+00	0.000E+00	4.673E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 6.000E+02, 1.500E+01

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
Tetrachloroethene	2.254E-12	1.584E-12	0.000E+00	0.000E+00	1.806E+07*	2.351E+02
1_1_1-Trichloroethan	1.335E-12	6.724E-13	0.000E+00	0.000E+00	2.380E+09*	1.225E+02

TPH-heating oil	2.491E-08	2.251E-08	0.000E+00	0.000E+00	0.000E+00	4.763E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 8.000E+02, 1.500E+01

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
Tetrachloroethene	2.678E-17	1.941E-17	0.000E+00	0.000E+00	1.473E+12*	2.416E+02
1_1_1-Trichloroethan	1.590E-17	8.113E-18	0.000E+00	0.000E+00	1.972E+14*	1.253E+02
TPH-heating oil	2.927E-13	2.708E-13	0.000E+00	0.000E+00	0.000E+00	4.909E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.000E+03, 1.500E+01

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
Tetrachloroethene	5.038E-23	3.531E-23	0.000E+00	0.000E+00	8.100E+17*	2.511E+02
1_1_1-Trichloroethan	2.928E-23	1.516E-23	0.000E+00	0.000E+00	1.056E+20*	1.313E+02
TPH-heating oil	5.467E-19	4.594E-19	0.000E+00	0.000E+00	0.000E+00	5.115E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.200E+03, 1.500E+01

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
Tetrachloroethene	1.990E-29	7.739E-30	0.000E+00	0.000E+00	3.695E+24*	2.635E+02
1_1_1-Trichloroethan	1.197E-29	3.038E-30	0.000E+00	0.000E+00	5.267E+26*	1.352E+02
TPH-heating oil	2.158E-25	1.688E-25	0.000E+00	0.000E+00	0.000E+00	5.385E+02

TANKS (GAS, DIESEL, HEATING OIL):

```
TIME OF RUN 17:58:56.8
 DATE OF RUN 04/22/98
 FILE NAME: c:\mydocu~1\WAG4\new\out\gas-7134.max
  ***************************************************
  *                                                 *
  *     This output was produced by the model:      *
  *                    GWMENU                       *
  *         Version 1.01: Beta Test Version         *
  * A menu-driven pre-processor for the groundwater *
  * pathway screening model GWSCREEN Version 2.5    *
  *             GWSCREEN Copyright (C) 1992,        *
  *   Lockheed Martin Idaho Technologies Company   *
  *      GWMENU (C) Copyright 1996, K-Spar Inc.     *
  *                    09-15-97                     *
  *                   K-Spar Inc.                   *
  *         493 N 4154 E Rigby Idaho 83442          *
  *         (208) 745-8068 email asr@srv.net        *
  ***************************************************
 ==================================================================
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 ==================================================================

 TITLE: CFA-713-4 (tank), gasoline, max
 ------------------ MODEL OPTIONS -------------------
 Type of Output:        Limiting Conc
 Integration Method:    Gaussian Quad
 Source Model Type:     Surface/Buried
 Dose Criteria:         MCL for Non-radiological Contaminant
 --------------- SOURCE PARAMETERS ------------------
 X Coordinate (m):   -5.653E+02  Y Coordinate (m):    3.087E+02
 Source Length (m):   2.323E+01  Source Width (m):    9.140E+00
 Thickness (m):       7.600E-01  Bulk Density (g/cc): 1.500E+00
 Percolation (m/y):   1.000E-01  Moisture Content:    3.000E-01
 ------------ UNSATURATED ZONE PARAMETERS -----------
 Unsat Thickness (m): 1.230E+01  Moisture Content:    3.000E-01
 Total Porosity:      4.870E-01  Bulk Density:        1.500E+00
 ---------------- AQUIFER PARAMETERS ----------------
 Solution Type:    2D Averaged
 Pore Velocity (m/y):        5.700E+02 Aquifer Porosity:          1.000E-01
 Longitudinal Disp (m):      9.000E+00 Transverse Disp (m):       4.000E+00
 Vertical Disp (m):         n/a        Well Screen Thickness (m): 1.500E+01
 Bulk Density (g/cc):        1.900E+00 Number of Receptors:       10
 --------------- EXPOSURE PARAMETERS ----------------
 Dose Impacts Base on: MCL (mg/L)
 Body Weight (kg):           7.000E+01 Averaging Time (d):        2.556E+04
 Water Ingestion Rate (L/d): 2.000E+00 Exposure Frequency (d/y):  3.500E+02
 Exposure Duration (y):      3.000E+01
 ---------------------------------------------------- CONTAMINANT PARAMETERS ----------------------------------------------
 Contaminant Name          Inventory     Dose      Molar    Half Life  Kd Source  Kd Unsat  Kd Aquifer Additional Solubility
                                        Factor    Weight                                                Loss Rate    Limit
                             (mg)    MCL (mg/L) (g/mole)    (years)    (mL/g)     (mL/g)     (mL/g)      (1/y)      (mg/L)
 ---------------------------------------------------------------------------------------------------------------------------
 TPH-gasoline              2.650E+10  1.000E+00  1.260E+01  1.000E+06  1.400E+00  1.400E+00  1.400E+00  0.000E+00  1.000E+06
 ------------------------------------------- RESULTS ----------------------------------------------
* = Limiting pore water concentration exceeds solubility
 Receptor Location X, Y, Z, (meters):  7.550E+01,-2.000E+02, 0.000E+00
   Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                        Concentration Concentration    Impacts       Impacts     Concentration    (years)
```

	(mg/L)	(mg/L)	(MCL)	(MCL)	(mg/kg)	
TPH-gasoline	1.113E-08	8.277E-09	0.000E+00	0.000E+00	1.323E+13*	3.510E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 0.000E+00, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	1.194E-03	8.512E-04	0.000E+00	0.000E+00	1.286E+08*	3.405E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	9.393E-02	6.569E-02	0.000E+00	0.000E+00	1.667E+06*	3.365E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 2.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	1.766E+00	1.220E+00	0.000E+00	0.000E+00	8.971E+04	3.339E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 3.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	5.559E+00	3.813E+00	0.000E+00	0.000E+00	2.871E+04	3.328E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 4.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	2.473E+00	1.703E+00	0.000E+00	0.000E+00	6.430E+04	3.336E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 6.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	2.782E-03	1.982E-03	0.000E+00	0.000E+00	5.524E+07*	3.399E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 8.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	3.400E-08	2.522E-08	0.000E+00	0.000E+00	4.341E+12*	3.501E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.000E+03, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	4.169E-14	3.230E-14	0.000E+00	0.000E+00	3.390E+18*	3.628E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.200E+03, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	1.640E-20	1.083E-20	0.000E+00	0.000E+00	1.011E+25*	3.850E+02

TIME OF RUN 17:59:08.1
DATE OF RUN 04/22/98
FILE NAME: c:\mydocu~1\WAG4\new\out\gas-7135.max

```
*****************************************************
*                                                   *
*     This output was produced by the model:        *
*                    GWMENU                         *
*          Version 1.01; Beta Test Version          *
* A menu-driven pre-processor for the groundwater *
```

```
 * pathway screening model GWSCREEN Version 2.5    *
 *              GWSCREEN Copyright (C) 1992.       *
 *   Lockheed Martin Idaho Technologies Company   *
 *      GWMENU (C) Copyright 1996, K-Spar Inc.     *
 *                    09-15-97                     *
 *                   K-Spar Inc.                   *
 *         493 N 4154 E Rigby Idaho 83442          *
 *         (208) 745-8068 email asr@srv.net        *
 ***************************************************
 ==================================================================
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 ==================================================================

TITLE: CFA-713-5 (tank), gasoline, max
----------------- MODEL OPTIONS -------------------
Type of Output:        Limiting Conc
Integration Method:    Gaussian Quad
Source Model Type:     Surface/Buried
Dose Criteria:         MCL for Non-radiological Contaminant
--------------- SOURCE PARAMETERS ------------------
X Coordinate (m):   -5.701E+02  Y Coordinate (m):    3.124E+02
Source Length (m):   1.856E+01  Source Width (m):    9.140E+00
Thickness (m):       7.600E-01  Bulk Density (g/cc): 1.500E+00
Percolation (m/y):   1.000E-01  Moisture Content:    3.000E-01
------------ UNSATURATED ZONE PARAMETERS -----------
Unsat Thickness (m): 1.230E+01  Moisture Content:    3.000E-01
Total Porosity:      4.870E-01  Bulk Density:        1.500E+00
---------------- AQUIFER PARAMETERS ----------------
Solution Type:    2D Averaged
Pore Velocity (m/y):        5.700E+02 Aquifer Porosity:           1.000E-01
Longitudinal Disp (m):      9.000E+00 Transverse Disp (m):        4.000E+00
Vertical Disp (m):          n/a       Well Screen Thickness (m):  1.500E+01
Bulk Density (g/cc):        1.900E+00 Number of Receptors:       10
--------------- EXPOSURE PARAMETERS ----------------
Dose Impacts Base on: MCL (mg/L)
Body Weight (kg):           7.000E+01 Averaging Time (d):         2.556E+04
Water Ingestion Rate (L/d): 2.000E+00 Exposure Frequency (d/y):   3.500E+02
Exposure Duration (y):      3.000E+01
---------------------------------------------------- CONTAMINANT PARAMETERS ----------------------------------------------------
Contaminant Name          Inventory     Dose      Molar    Half Life  Kd Source  Kd Unsat  Kd Aquifer Additional Solubility
                                       Factor    Weight                                                Loss Rate    Limit
                            (mg)    MCL (mg/L) (g/mole)    (years)    (mL/g)     (mL/g)     (mL/g)      (1/y)     (mg/L)
-------------------------------------------------------------------------------------------------------------------------------
TPH-gasoline              2.120E+10  1.000E+00  1.260E+01  1.000E+06  1.400E+00  1.400E+00  1.400E+00  0.000E+00  1.000E+06
------------------------------------------------ RESULTS ------------------------------------------------
* = Limiting pore water concentration exceeds solubility
Receptor Location X, Y, Z, (meters):  7.550E+01,-2.000E+02, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                       Concentration Concentration   Impacts       Impacts     Concentration    (years)
                          (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            7.678E-09     5.699E-09     0.000E+00     0.000E+00     1.924E+13*    3.512E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 0.000E+00, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                       Concentration Concentration   Impacts       Impacts     Concentration    (years)
                          (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            8.339E-04     5.954E-04     0.000E+00     0.000E+00     1.841E+08*    3.408E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.000E+02, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                       Concentration Concentration   Impacts       Impacts     Concentration    (years)
                          (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
```

```
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            6.702E-02      4.707E-02      0.000E+00      0.000E+00      2.329E+06*     3.370E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 2.000E+02, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                      Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                         (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            1.314E+00      9.081E-01      0.000E+00      0.000E+00      1.207E+05      3.342E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 3.000E+02, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                      Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                         (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            4.392E+00      3.017E+00      0.000E+00      0.000E+00      3.633E+04      3.331E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 4.000E+02, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                      Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                         (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            2.111E+00      1.455E+00      0.000E+00      0.000E+00      7.535E+04      3.337E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 6.000E+02, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                      Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                         (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            2.764E-03      1.965E-03      0.000E+00      0.000E+00      5.578E+07*     3.398E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 8.000E+02, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                      Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                         (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            3.749E-08      2.781E-08      0.000E+00      0.000E+00      3.942E+12*     3.500E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.000E+03, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                      Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                         (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            4.902E-14      3.760E-14      0.000E+00      0.000E+00      2.916E+18*     3.621E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.200E+03, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                      Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                         (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            2.202E-20      1.357E-20      0.000E+00      0.000E+00      8.079E+24*     3.804E+02

TIME OF RUN 17:59:48.5
DATE OF RUN 04/22/98
FILE NAME: c:\mydocu~1\WAG4\new\out\gas-745.max
  ***************************************************
  *                                                 *
  *     This output was produced by the model:      *
  *                    GWMENU                       *
  *         Version 1.01; Beta Test Version         *
  * A menu-driven pre-processor for the groundwater *
  * pathway screening model GWSCREEN Version 2.5    *
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  *      GWMENU (C) Copyright 1996, K-Spar Inc.     *
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  *                   K-Spar Inc.                   *
  *         493 N 4154 E Rigby Idaho 83442          *
  *         (208) 745-8068 email asr@srv.net        *
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 User Interface created using Interacter Software, Interacter
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TITLE: CFA-745 (tank), gasoline, max

---------- MODEL OPTIONS ----------

Type of Output: Limiting Conc
Integration Method: Gaussian Quad
Source Model Type: Surface/Buried
Dose Criteria: MCL for Non-radiological Contaminant

---------- SOURCE PARAMETERS ----------

X Coordinate (m): -6.390E+02 Y Coordinate (m): 2.151E+02
Source Length (m): 4.210E+00 Source Width (m): 2.740E+00
Thickness (m): 1.680E+00 Bulk Density (g/cc): 1.500E+00
Percolation (m/y): 1.000E-01 Moisture Content: 3.000E-01

---------- UNSATURATED ZONE PARAMETERS ----------

Unsat Thickness (m): 1.100E+01 Moisture Content: 3.000E-01
Total Porosity: 4.870E-01 Bulk Density: 1.500E+00

---------- AQUIFER PARAMETERS ----------

Solution Type: 2D Averaged
Pore Velocity (m/y): 5.700E+02 Aquifer Porosity: 1.000E-01
Longitudinal Disp (m): 9.000E+00 Transverse Disp (m): 4.000E+00
Vertical Disp (m): n/a Well Screen Thickness (m): 1.500E+01
Bulk Density (g/cc): 1.900E+00 Number of Receptors: 10

---------- EXPOSURE PARAMETERS ----------

Dose Impacts Base on: MCL (mg/L)
Body Weight (kg): 7.000E+01 Averaging Time (d): 2.556E+04
Water Ingestion Rate (L/d): 2.000E+00 Exposure Frequency (d/y): 3.500E+02
Exposure Duration (y): 3.000E+01

---------- CONTAMINANT PARAMETERS ----------

Contaminant Name	Inventory (mg)	Dose Factor MCL (mg/L)	Molar Weight (g/mole)	Half Life (years)	Kd Source (mL/g)	Kd Unsat (mL/g)	Kd Aquifer (mL/g)	Additional Loss Rate (1/y)	Solubility Limit (mg/L)
TPH-gasoline	1.320E+09	1.000E+00	1.260E+01	1.000E+06	1.400E+00	1.400E+00	1.400E+00	0.000E+00	1.000E+06

---------- RESULTS ----------

* = Limiting pore water concentration exceeds solubility

Receptor Location X, Y, Z, (meters): 7.550E+01,-2.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	2.980E-07	2.456E-07	0.000E+00	0.000E+00	1.849E+11*	3.208E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 0.000E+00, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	2.969E-03	2.389E-03	0.000E+00	0.000E+00	1.901E+07*	3.118E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	4.671E-02	3.695E-02	0.000E+00	0.000E+00	1.229E+06	3.088E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 2.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-gasoline	1.460E-01	1.163E-01	0.000E+00	0.000E+00	3.903E+05	3.083E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 3.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)

```
TPH-gasoline            7.894E-02      6.265E-02      0.000E+00      0.000E+00      7.248E+05      3.086E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 4.000E+02, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                       Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                          (mg/L)         (mg/L)         (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            7.963E-03      6.461E-03      0.000E+00      0.000E+00      7.028E+06*     3.113E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 6.000E+02, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                       Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                          (mg/L)         (mg/L)         (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            1.533E-06      1.229E-06      0.000E+00      0.000E+00      3.696E+10*     3.181E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 8.000E+02, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                       Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                          (mg/L)         (mg/L)         (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            9.814E-12      8.164E-12      0.000E+00      0.000E+00      5.562E+15*     3.294E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.000E+03, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                       Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                          (mg/L)         (mg/L)         (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            1.195E-17      8.292E-18      0.000E+00      0.000E+00      5.476E+21*     3.409E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.200E+03, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                       Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                          (mg/L)         (mg/L)         (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-gasoline            5.659E-24      1.499E-24      0.000E+00      0.000E+00      3.029E+28*     3.871E+02

TIME OF RUN 17:56:43.2
DATE OF RUN 04/22/98
FILE NAME: c:\mydocu~1\WAG4\new\out\dsl-002.max
  ****************************************************
  *                                                  *
  *     This output was produced by the model:       *
  *                    GWMENU                        *
  *         Version 1.01: Beta Test Version          *
  * A menu-driven pre-processor for the groundwater *
  * pathway screening model GWSCREEN Version 2.5     *
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  *      GWMENU (C) Copyright 1996, K-Spar Inc.      *
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  *                   K-Spar Inc.                    *
  *         493 N 4154 E Rigby Idaho 83442           *
  *         (208) 745-8068 email asr@srv.net         *
  ****************************************************
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 ==================================================================

TITLE: CFA-2 (tank), diesel, max
----------------- MODEL OPTIONS -------------------
Type of Output:        Limiting Conc
Integration Method:    Gaussian Quad
Source Model Type:     Surface/Buried
Dose Criteria:         MCL for Non-radiological Contaminant
--------------- SOURCE PARAMETERS -----------------
X Coordinate (m):   -8.189E+03  Y Coordinate (m):    6.662E+02
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Source Length (m):   4.050E+00  Source Width (m):    2.440E+00
Thickness (m):       6.580E+00  Bulk Density (g/cc): 1.500E+00
Percolation (m/y):   1.000E-01  Moisture Content:    3.000E-01
------------ UNSATURATED ZONE PARAMETERS -----------
Unsat Thickness (m): 1.650E+01  Moisture Content:    3.000E-01
Total Porosity:      4.870E-01  Bulk Density:        1.500E+00
---------------- AQUIFER PARAMETERS ----------------
Solution Type:    2D Averaged
Pore Velocity (m/y):        5.700E+02 Aquifer Porosity:          1.000E-01
Longitudinal Disp (m):      9.000E+00 Transverse Disp (m):       4.000E+00
Vertical Disp (m):         n/a        Well Screen Thickness (m):  1.500E+01
Bulk Density (g/cc):        1.900E+00 Number of Receptors:       10
--------------- EXPOSURE PARAMETERS ----------------
Dose Impacts Base on: MCL (mg/L)
Body Weight (kg):           7.000E+01 Averaging Time (d):        2.556E+04
Water Ingestion Rate (L/d): 2.000E+00 Exposure Frequency (d/y):  3.500E+02
Exposure Duration (y):      3.000E+01
------------------------------------------------- CONTAMINANT PARAMETERS -------------------------------------------------
Contaminant Name          Inventory     Dose      Molar    Half Life  Kd Source  Kd Unsat  Kd Aquifer Additional Solubility
                                       Factor    Weight                                                Loss Rate    Limit
                            (mg)     MCL (mg/L) (g/mole)    (years)    (mL/g)     (mL/g)     (mL/g)     (1/y)     (mg/L)
--------------------------------------------------------------------------------------------------------------------------
TPH-diesel                3.220E+09  1.000E+00  1.530E+01  1.000E+06  1.780E+00  1.780E+00  1.780E+00  0.000E+00  1.000E+06
----------------------------------------------- RESULTS -----------------------------------------------
* = Limiting pore water concentration exceeds solubility
Receptor Location X, Y, Z, (meters):  7.550E+01,-2.000E+02, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration    Impacts       Impacts     Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              8.129E-05     7.992E-05     0.000E+00     0.000E+00     4.131E+08*     1.041E+03
Receptor Location X, Y, Z, (meters):  7.550E+01, 0.000E+00, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration    Impacts       Impacts     Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              8.085E-04     7.966E-04     0.000E+00     0.000E+00     4.144E+07*     1.041E+03
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.000E+02, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration    Impacts       Impacts     Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              2.042E-03     2.013E-03     0.000E+00     0.000E+00     1.640E+07*     1.041E+03
Receptor Location X, Y, Z, (meters):  7.550E+01, 2.000E+02, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration    Impacts       Impacts     Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              4.445E-03     4.392E-03     0.000E+00     0.000E+00     7.517E+06*     1.041E+03
Receptor Location X, Y, Z, (meters):  7.550E+01, 3.000E+02, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration    Impacts       Impacts     Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              8.282E-03     8.162E-03     0.000E+00     0.000E+00     4.045E+06*     1.037E+03
Receptor Location X, Y, Z, (meters):  7.550E+01, 4.000E+02, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration    Impacts       Impacts     Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              1.351E-02     1.323E-02     0.000E+00     0.000E+00     2.495E+06*     1.036E+03
Receptor Location X, Y, Z, (meters):  7.550E+01, 6.000E+02, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration    Impacts       Impacts     Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              2.238E-02     2.192E-02     0.000E+00     0.000E+00     1.506E+06      1.036E+03
```

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Receptor Location X, Y, Z, (meters):  7.550E+01, 8.000E+02, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                       Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                          (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              2.020E-02      1.979E-02      0.000E+00      0.000E+00      1.669E+06      1.036E+03
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.000E+03, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                       Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                          (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              9.873E-03      9.733E-03      0.000E+00      0.000E+00      3.392E+06*     1.037E+03
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.200E+03, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting       Peak Time
                       Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                          (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              2.670E-03      2.633E-03      0.000E+00      0.000E+00      1.254E+07*     1.041E+03

TIME OF RUN 17:57:01.7
DATE OF RUN 04/22/98
FILE NAME: c:\mydocu~1\WAG4\new\out\dsl-046.max
  ***************************************************
  *                                                 *
  *     This output was produced by the model:      *
  *                    GWMENU                       *
  *         Version 1.01; Beta Test Version         *
  * A menu-driven pre-processor for the groundwater *
  * pathway screening model GWSCREEN Version 2.5    *
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  *      GWMENU (C) Copyright 1996, K-Spar Inc.     *
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  *         (208) 745-8068 email asr@srv.net        *
  ***************************************************
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 ==================================================================

TITLE: CFA-46 (tank), diesel, max
----------------- MODEL OPTIONS ------------------
Type of Output:        Limiting Conc
Integration Method:    Gaussian Quad
Source Model Type:     Surface/Buried
Dose Criteria:         MCL for Non-radiological Contaminant
--------------- SOURCE PARAMETERS -----------------
X Coordinate (m):   -6.346E+02  Y Coordinate (m):    1.014E+02
Source Length (m):   5.760E+00  Source Width (m):    5.760E+00
Thickness (m):       6.900E+00  Bulk Density (g/cc): 1.500E+00
Percolation (m/y):   1.000E-01  Moisture Content:    3.000E-01
------------ UNSATURATED ZONE PARAMETERS -----------
Unsat Thickness (m): 1.200E+01  Moisture Content:    3.000E-01
Total Porosity:      4.870E-01  Bulk Density:        1.500E+00
---------------- AQUIFER PARAMETERS ----------------
Solution Type:    2D Averaged
Pore Velocity (m/y):        5.700E+02 Aquifer Porosity:           1.000E-01
Longitudinal Disp (m):      9.000E+00 Transverse Disp (m):        4.000E+00
Vertical Disp (m):         n/a        Well Screen Thickness (m):  1.500E+01
Bulk Density (g/cc):        1.900E+00 Number of Receptors:       10
--------------- EXPOSURE PARAMETERS ----------------
```

Dose Impacts Base on: MCL (mg/L)
Body Weight (kg): 7.000E+01 Averaging Time (d): 2.556E+04
Water Ingestion Rate (L/d): 2.000E+00 Exposure Frequency (d/y): 3.500E+02
Exposure Duration (y): 3.000E+01

CONTAMINANT PARAMETERS

Contaminant Name	Inventory (mg)	Dose Factor MCL (mg/L)	Molar Weight (g/mole)	Half Life (years)	Kd Source (mL/g)	Kd Unsat (mL/g)	Kd Aquifer (mL/g)	Additional Loss Rate (1/y)	Solubility Limit (mg/L)
TPH-diesel	1.610E+10	1.000E+00	1.530E+01	1.000E+06	1.780E+00	1.780E+00	1.780E+00	0.000E+00	1.000E+06

RESULTS

* = Limiting pore water concentration exceeds solubility

Receptor Location X, Y, Z, (meters): 7.550E+01,-2.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	2.674E-04	2.553E-04	0.000E+00	0.000E+00	1.836E+08*	4.272E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 0.000E+00, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	1.772E-01	1.669E-01	0.000E+00	0.000E+00	2.809E+05	4.182E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	4.383E-01	4.173E-01	0.000E+00	0.000E+00	1.124E+05	4.182E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 2.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	1.860E-01	1.754E-01	0.000E+00	0.000E+00	2.673E+05	4.182E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 3.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	1.509E-02	1.433E-02	0.000E+00	0.000E+00	3.272E+06*	4.221E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 4.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	3.033E-04	2.900E-04	0.000E+00	0.000E+00	1.617E+08*	4.272E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 6.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	6.437E-09	6.196E-09	0.000E+00	0.000E+00	7.567E+12*	4.409E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 8.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	1.271E-14	1.225E-14	0.000E+00	0.000E+00	3.828E+18*	4.568E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.000E+03, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	1.035E-20	6.292E-21	0.000E+00	0.000E+00	7.452E+24*	4.711E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.200E+03, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	3.573E-28	8.948E-29	0.000E+00	0.000E+00	5.240E+32*	5.041E+02

```
TIME OF RUN 17:57:19.2
DATE OF RUN 04/22/98
FILE NAME: c:\mydocu~1\WAG4\new\out\dsl-1709.max
 ***************************************************
 *                                                 *
 *     This output was produced by the model:      *
 *                    GWMENU                       *
 *         Version 1.01: Beta Test Version         *
 * A menu-driven pre-processor for the groundwater *
 * pathway screening model GWSCREEN Version 2.5    *
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 *         493 N 4154 E Rigby Idaho 83442          *
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 ==================================================================

TITLE: CFA-1709 (tank), diesel, max
----------------- MODEL OPTIONS -------------------
Type of Output:        Limiting Conc
Integration Method:    Gaussian Quad
Source Model Type:     Surface/Buried
Dose Criteria:         MCL for Non-radiological Contaminant
-------------- SOURCE PARAMETERS -----------------
X Coordinate (m):   -7.618E+02  Y Coordinate (m):    2.275E+02
Source Length (m):   2.320E+00  Source Width (m):    2.120E+00
Thickness (m):       2.590E+00  Bulk Density (g/cc): 1.500E+00
Percolation (m/y):   1.000E-01  Moisture Content:    3.000E-01
------------ UNSATURATED ZONE PARAMETERS -----------
Unsat Thickness (m): 1.380E+01  Moisture Content:    3.000E-01
Total Porosity:      4.870E-01  Bulk Density:        1.500E+00
---------------- AQUIFER PARAMETERS ----------------
Solution Type:    2D Averaged
Pore Velocity (m/y):        5.700E+02 Aquifer Porosity:           1.000E-01
Longitudinal Disp (m):      9.000E+00 Transverse Disp (m):        4.000E+00
Vertical Disp (m):         n/a        Well Screen Thickness (m):  1.500E+01
Bulk Density (g/cc):        1.900E+00 Number of Receptors:       10
-------------- EXPOSURE PARAMETERS ----------------
Dose Impacts Base on: MCL (mg/L)
Body Weight (kg):           7.000E+01 Averaging Time (d):         2.556E+04
Water Ingestion Rate (L/d): 2.000E+00 Exposure Frequency (d/y):   3.500E+02
Exposure Duration (y):      3.000E+01
---------------------------------------------------- CONTAMINANT PARAMETERS ----------------------------------------------
Contaminant Name          Inventory     Dose      Molar    Half Life  Kd Source  Kd Unsat  Kd Aquifer Additional Solubility
                                        Factor    Weight                                                Loss Rate    Limit
                            (mg)     MCL (mg/L)  (g/mole)   (years)    (mL/g)     (mL/g)     (mL/g)      (1/y)      (mg/L)
--------------------------------------------------------------------------------------------------------------------------
TPH-diesel                8.040E+08  1.000E+00  1.530E+01  1.000E+06  1.780E+00  1.780E+00  1.780E+00  0.000E+00  1.000E+06
------------------------------------------------ RESULTS ------------------------------------------------
* = Limiting pore water concentration exceeds solubility
Receptor Location X, Y, Z, (meters):  7.550E+01,-2.000E+02, 0.000E+00
```

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	2.383E-07	2.097E-07	0.000E+00	0.000E+00	2.006E+11*	4.878E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 0.000E+00, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	1.104E-03	9.932E-04	0.000E+00	0.000E+00	4.237E+07*	4.796E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 1.000E+02, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	1.411E-02	1.261E-02	0.000E+00	0.000E+00	3.338E+06*	4.763E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 2.000E+02, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	4.451E-02	3.940E-02	0.000E+00	0.000E+00	1.068E+06	4.740E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 3.000E+02, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	3.171E-02	2.796E-02	0.000E+00	0.000E+00	1.505E+06	4.740E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 4.000E+02, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	5.238E-03	4.760E-03	0.000E+00	0.000E+00	8.840E+06*	4.784E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 6.000E+02, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	3.471E-06	3.153E-06	0.000E+00	0.000E+00	1.334E+10*	4.860E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 8.000E+02, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	7.000E-11	6.430E-11	0.000E+00	0.000E+00	6.543E+14*	4.989E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 1.000E+03, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	1.854E-16	1.633E-16	0.000E+00	0.000E+00	2.576E+20*	5.146E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 1.200E+03, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	7.512E-23	5.087E-23	0.000E+00	0.000E+00	8.271E+26*	5.773E+02

TIME OF RUN 17:57:38.0
DATE OF RUN 04/22/98
FILE NAME: c:\mydocu~1\WAG4\new\out\dsl-658.max

```
*************************************************
*                                               *
*     This output was produced by the model:    *
*                    GWMENU                     *
```

```
*        Version 1.01: Beta Test Version        *
* A menu-driven pre-processor for the groundwater *
* pathway screening model GWSCREEN Version 2.5    *
*             GWSCREEN Copyright (C) 1992,        *
*   Lockheed Martin Idaho Technologies Company   *
*      GWMENU (C) Copyright 1996, K-Spar Inc.     *
*                    09-15-97                     *
*                   K-Spar Inc.                   *
*        493 N 4154 E Rigby Idaho 83442           *
*        (208) 745-8068 email asr@srv.net         *
**************************************************
```


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```
TITLE: CFA-658 (tank), diesel, max
----------------- MODEL OPTIONS ------------------
Type of Output:        Limiting Conc
Integration Method:    Gaussian Quad
Source Model Type:     Surface/Buried
Dose Criteria:         MCL for Non-radiological Contaminant
--------------- SOURCE PARAMETERS -----------------
X Coordinate (m):   -7.580E+02  Y Coordinate (m):    5.160E+02
Source Length (m):   6.280E+00  Source Width (m):    3.660E+00
Thickness (m):       1.680E+00  Bulk Density (g/cc): 1.500E+00
Percolation (m/y):   1.000E-01  Moisture Content:    3.000E-01
------------ UNSATURATED ZONE PARAMETERS -----------
Unsat Thickness (m): 2.400E+01  Moisture Content:    3.000E-01
Total Porosity:      4.870E-01  Bulk Density:        1.500E+00
---------------- AQUIFER PARAMETERS ----------------
Solution Type:    2D Averaged
Pore Velocity (m/y):        5.700E+02 Aquifer Porosity:           1.000E-01
Longitudinal Disp (m):      9.000E+00 Transverse Disp (m):        4.000E+00
Vertical Disp (m):         n/a        Well Screen Thickness (m):  1.500E+01
Bulk Density (g/cc):        1.900E+00 Number of Receptors:       10
--------------- EXPOSURE PARAMETERS ----------------
Dose Impacts Base on: MCL (mg/L)
Body Weight (kg):           7.000E+01 Averaging Time (d):         2.556E+04
Water Ingestion Rate (L/d): 2.000E+00 Exposure Frequency (d/y):   3.500E+02
Exposure Duration (y):      3.000E+01
---------------------------------------------------- CONTAMINANT PARAMETERS ----------------------------------------------------
Contaminant Name          Inventory     Dose       Molar    Half Life  Kd Source  Kd Unsat  Kd Aquifer Additional Solubility
                                       Factor     Weight                                                Loss Rate    Limit
                            (mg)    MCL (mg/L)  (g/mole)    (years)    (mL/g)     (mL/g)     (mL/g)      (1/y)      (mg/L)
-------------------------------------------------------------------------------------------------------------------------------
TPH-diesel                3.220E+09  1.000E+00  1.530E+01  1.000E+06  1.780E+00  1.780E+00  1.780E+00  0.000E+00  1.000E+06
-------------------------------------------- RESULTS ----------------------------------------------
* = Limiting pore water concentration exceeds solubility
Receptor Location X, Y, Z, (meters):  7.550E+01,-2.000E+02, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                       Concentration  Concentration    Impacts       Impacts    Concentration    (years)
                          (mg/L)        (mg/L)         (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              4.011E-14     3.588E-14     0.000E+00     0.000E+00     1.549E+18*     8.092E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 0.000E+00, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
                       Concentration  Concentration    Impacts       Impacts    Concentration    (years)
                          (mg/L)        (mg/L)         (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              1.019E-08     9.077E-09     0.000E+00     0.000E+00     6.125E+12*     7.956E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.000E+02, 0.000E+00
  Contaminant Name       Maximum       Average       Maximum       Average       Limiting      Peak Time
```

	Concentration (mg/L)	Concentration (mg/L)	Impacts (MCL)	Impacts (MCL)	Concentration (mg/kg)	(years)
TPH-diesel	2.272E-06	2.025E-06	0.000E+00	0.000E+00	2.745E+10*	7.907E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 2.000E+02, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	2.319E-04	2.019E-04	0.000E+00	0.000E+00	2.753E+08*	7.836E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 3.000E+02, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	8.733E-03	7.653E-03	0.000E+00	0.000E+00	7.264E+06*	7.802E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 4.000E+02, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	9.663E-02	8.506E-02	0.000E+00	0.000E+00	6.536E+05	7.780E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 6.000E+02, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	1.559E-01	1.360E-01	0.000E+00	0.000E+00	4.088E+05	7.767E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 8.000E+02, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	8.334E-04	7.282E-04	0.000E+00	0.000E+00	7.634E+07*	7.825E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 1.000E+03, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	6.208E-08	5.499E-08	0.000E+00	0.000E+00	1.011E+12*	7.938E+02
Receptor Location X, Y, Z, (meters):	7.550E+01, 1.200E+03, 0.000E+00					
Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	3.295E-13	2.972E-13	0.000E+00	0.000E+00	1.871E+17*	8.078E+02

TIME OF RUN 17:57:53.6
DATE OF RUN 04/22/98
FILE NAME: c:\mydocu~1\WAG4\new\out\dsl-729.max

```
*****************************************************
*                                                   *
*     This output was produced by the model:        *
*                     GWMENU                        *
*         Version 1.01: Beta Test Version           *
* A menu-driven pre-processor for the groundwater   *
* pathway screening model GWSCREEN Version 2.5      *
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*      GWMENU (C) Copyright 1996, K-Spar Inc.       *
*                     09-15-97                      *
*                    K-Spar Inc.                    *
*         493 N 4154 E Rigby Idaho 83442            *
*         (208) 745-8068 email asr@srv.net          *
*****************************************************
```

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TITLE: CFA-729 (tank), diesel, max

```
----------------- MODEL OPTIONS ------------------
Type of Output:        Limiting Conc
Integration Method:    Gaussian Quad
Source Model Type:     Surface/Buried
Dose Criteria:         MCL for Non-radiological Contaminant
--------------- SOURCE PARAMETERS -----------------
X Coordinate (m):   -7.664E+02  Y Coordinate (m):    2.383E+02
Source Length (m):   6.460E+00  Source Width (m):    3.050E+00
Thickness (m):       2.290E+00  Bulk Density (g/cc): 1.500E+00
Percolation (m/y):   1.000E-01  Moisture Content:    3.000E-01
------------ UNSATURATED ZONE PARAMETERS -----------
Unsat Thickness (m): 1.300E+01  Moisture Content:    3.000E-01
Total Porosity:      4.870E-01  Bulk Density:        1.500E+00
---------------- AQUIFER PARAMETERS ----------------
Solution Type:    2D Averaged
Pore Velocity (m/y):        5.700E+02 Aquifer Porosity:           1.000E-01
Longitudinal Disp (m):      9.000E+00 Transverse Disp (m):        4.000E+00
Vertical Disp (m):         n/a        Well Screen Thickness (m):  1.500E+01
Bulk Density (g/cc):        1.900E+00 Number of Receptors:       10
--------------- EXPOSURE PARAMETERS ----------------
Dose Impacts Base on: MCL (mg/L)
Body Weight (kg):           7.000E+01 Averaging Time (d):         2.556E+04
Water Ingestion Rate (L/d): 2.000E+00 Exposure Frequency (d/y):   3.500E+02
Exposure Duration (y):      3.000E+01
----------------------------------------------------- CONTAMINANT PARAMETERS -----------------------------------------------
Contaminant Name          Inventory    Dose      Molar    Half Life  Kd Source  Kd Unsat  Kd Aquifer Additional Solubility
                                       Factor    Weight                                                Loss Rate    Limit
                            (mg)     MCL (mg/L) (g/mole)   (years)    (mL/g)     (mL/g)     (mL/g)     (1/y)      (mg/L)
-----------------------------------------------------------------------------------------------------------------------------
TPH-diesel                3.220E+09  1.000E+00  1.530E+01  1.000E+06  1.780E+00  1.780E+00  1.780E+00  0.000E+00  1.000E+06
-------------------------------------------- RESULTS ----------------------------------------------
* = Limiting pore water concentration exceeds solubility
Receptor Location X, Y, Z, (meters):  7.550E+01,-2.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts     Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel            6.285E-07     5.632E-07     0.000E+00     0.000E+00     8.448E+10*    4.653E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 0.000E+00, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts     Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel            3.485E-03     3.133E-03     0.000E+00     0.000E+00     1.519E+07*    4.562E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts     Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel            5.065E-02     4.551E-02     0.000E+00     0.000E+00     1.046E+06     4.533E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 2.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts     Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel            1.861E-01     1.675E-01     0.000E+00     0.000E+00     2.840E+05     4.520E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 3.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average       Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts     Concentration    (years)
```

```
                        (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel              1.560E-01     1.402E-01     0.000E+00     0.000E+00    3.394E+05     4.520E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 4.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration   (years)
                        (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel              3.037E-02     2.703E-02     0.000E+00     0.000E+00    1.760E+06     4.531E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 6.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration   (years)
                        (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel              2.652E-05     2.388E-05     0.000E+00     0.000E+00    1.992E+09*    4.620E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 8.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration   (years)
                        (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel              6.376E-10     5.738E-10     0.000E+00     0.000E+00    8.291E+13*    4.729E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.000E+03, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration   (years)
                        (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel              1.806E-15     1.666E-15     0.000E+00     0.000E+00    2.856E+19*    4.909E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.200E+03, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration   (years)
                        (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel              3.026E-21     1.075E-21     0.000E+00     0.000E+00    4.425E+25*    5.175E+02

TIME OF RUN 17:58:10.0
DATE OF RUN 04/22/98
FILE NAME: c:\mydocu~1\WAG4\new\out\dsl-741.max
  ***************************************************
  *                                                 *
  *     This output was produced by the model:      *
  *                    GWMENU                       *
  *         Version 1.01; Beta Test Version         *
  * A menu-driven pre-processor for the groundwater *
  * pathway screening model GWSCREEN Version 2.5    *
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  *      GWMENU (C) Copyright 1996, K-Spar Inc.     *
  *                    09-15-97                     *
  *                   K-Spar Inc.                   *
  *         493 N 4154 E Rigby Idaho 83442          *
  *         (208) 745-8068 email asr@srv.net        *
  ***************************************************
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 ==================================================================

TITLE: CFA-741-7 (tank), diesel, max
----------------- MODEL OPTIONS -----------------
Type of Output:        Limiting Conc
Integration Method:    Gaussian Quad
Source Model Type:     Surface/Buried
Dose Criteria:         MCL for Non-radiological Contaminant
```

```
--------------- SOURCE PARAMETERS -----------------
X Coordinate (m):   -4.884E+02  Y Coordinate (m):    2.530E+02
Source Length (m):   2.323E+01  Source Width (m):    9.140E+00
Thickness (m):       7.600E-01  Bulk Density (g/cc): 1.500E+00
Percolation (m/y):   1.000E-01  Moisture Content:    3.000E-01
------------ UNSATURATED ZONE PARAMETERS ----------
Unsat Thickness (m): 1.080E+01  Moisture Content:    3.000E-01
Total Porosity:      4.870E-01  Bulk Density:        1.500E+00
---------------- AQUIFER PARAMETERS ----------------
Solution Type:    2D Averaged
Pore Velocity (m/y):        5.700E+02 Aquifer Porosity:           1.000E-01
Longitudinal Disp (m):      9.000E+00 Transverse Disp (m):        4.000E+00
Vertical Disp (m):          n/a       Well Screen Thickness (m):  1.500E+01
Bulk Density (g/cc):        1.900E+00 Number of Receptors:       10
--------------- EXPOSURE PARAMETERS ----------------
Dose Impacts Base on: MCL (mg/L)
Body Weight (kg):           7.000E+01 Averaging Time (d):         2.556E+04
Water Ingestion Rate (L/d): 2.000E+00 Exposure Frequency (d/y):   3.500E+02
Exposure Duration (y):      3.000E+01
---------------------------------------------------- CONTAMINANT PARAMETERS ----------------------------------------------------
Contaminant Name          Inventory     Dose      Molar    Half Life  Kd Source  Kd Unsat  Kd Aquifer Additional Solubility
                                       Factor    Weight                                                Loss Rate    Limit
                             (mg)    MCL (mg/L) (g/mole)    (years)    (mL/g)     (mL/g)     (mL/g)      (1/y)     (mg/L)
-------------------------------------------------------------------------------------------------------------------------------
TPH-diesel                3.220E+10  1.000E+00  1.530E+01  1.000E+06  1.780E+00  1.780E+00  1.780E+00  0.000E+00  1.000E+06
----------------------------------------------- RESULTS -----------------------------------------------
* = Limiting pore water concentration exceeds solubility
Receptor Location X, Y, Z, (meters):  7.550E+01,-2.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel            8.974E-08     7.245E-08     0.000E+00     0.000E+00     1.836E+12*    3.838E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 0.000E+00, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel            8.510E-03     6.629E-03     0.000E+00     0.000E+00     2.007E+07*    3.708E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel            4.676E-01     3.577E-01     0.000E+00     0.000E+00     3.719E+05     3.661E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 2.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel            4.333E+00     3.288E+00     0.000E+00     0.000E+00     4.046E+04     3.636E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 3.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel            4.634E+00     3.504E+00     0.000E+00     0.000E+00     3.797E+04     3.634E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 4.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
-----------------------------------------------------------------------------------------------------
TPH-diesel            5.647E-01     4.319E-01     0.000E+00     0.000E+00     3.080E+05     3.659E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 6.000E+02, 0.000E+00
  Contaminant Name      Maximum       Average       Maximum       Average      Limiting      Peak Time
                      Concentration Concentration   Impacts       Impacts    Concentration    (years)
                         (mg/L)        (mg/L)        (MCL)         (MCL)        (mg/kg)
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-----------------------------------------------------------------------------------------------------------
TPH-diesel              6.044E-05      4.754E-05      0.000E+00      0.000E+00      2.798E+09*     3.760E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 8.000E+02, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting      Peak Time
                      Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                         (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              1.596E-10      1.307E-10      0.000E+00      0.000E+00      1.018E+15*     3.909E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.000E+03, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting      Peak Time
                      Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                         (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              7.914E-17      6.322E-17      0.000E+00      0.000E+00      2.104E+21*     4.056E+02
Receptor Location X, Y, Z, (meters):  7.550E+01, 1.200E+03, 0.000E+00
  Contaminant Name       Maximum        Average        Maximum        Average       Limiting      Peak Time
                      Concentration  Concentration     Impacts        Impacts     Concentration    (years)
                         (mg/L)         (mg/L)          (MCL)          (MCL)         (mg/kg)
-----------------------------------------------------------------------------------------------------------
TPH-diesel              1.228E-23      4.211E-24      0.000E+00      0.000E+00      3.159E+28*     4.221E+02

TIME OF RUN 17:58:26.1
DATE OF RUN 04/22/98
FILE NAME: c:\mydocu~1\WAG4\new\out\dsl-746.max
  ***************************************************
  *                                                 *
  *     This output was produced by the model:      *
  *                    GWMENU                       *
  *        Version 1.01: Beta Test Version          *
  * A menu-driven pre-processor for the groundwater *
  * pathway screening model GWSCREEN Version 2.5    *
  *             GWSCREEN Copyright (C) 1992.        *
  *   Lockheed Martin Idaho Technologies Company   *
  *      GWMENU (C) Copyright 1996, K-Spar Inc.     *
  *                    09-15-97                     *
  *                   K-Spar Inc.                   *
  *        493 N 4154 E Rigby Idaho 83442           *
  *        (208) 745-8068 email asr@srv.net         *
  ***************************************************
 ==================================================================
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 ==================================================================

TITLE: CFA-746 (tank), diesel, max
----------------- MODEL OPTIONS -------------------
Type of Output:        Limiting Conc
Integration Method:    Gaussian Quad
Source Model Type:     Surface/Buried
Dose Criteria:         MCL for Non-radiological Contaminant
--------------- SOURCE PARAMETERS ------------------
X Coordinate (m):   -6.619E+02  Y Coordinate (m):    1.430E+02
Source Length (m):   2.290E+00  Source Width (m):    2.130E+00
Thickness (m):       3.200E+00  Bulk Density (g/cc): 1.500E+00
Percolation (m/y):   1.000E-01  Moisture Content:    3.000E-01
------------ UNSATURATED ZONE PARAMETERS -----------
Unsat Thickness (m): 1.080E+01  Moisture Content:    3.000E-01
Total Porosity:      4.870E-01  Bulk Density:        1.500E+00
---------------- AQUIFER PARAMETERS ----------------
Solution Type:    2D Averaged
Pore Velocity (m/y):        5.700E+02 Aquifer Porosity:          1.000E-01
Longitudinal Disp (m):      9.000E+00 Transverse Disp (m):       4.000E+00
Vertical Disp (m):          n/a       Well Screen Thickness (m): 1.500E+01
```

Bulk Density (g/cc): 1.900E+00 Number of Receptors: 10

---------- EXPOSURE PARAMETERS ----------

Dose Impacts Base on: MCL (mg/L)

Body Weight (kg): 7.000E+01 Averaging Time (d): 2.556E+04

Water Ingestion Rate (L/d): 2.000E+00 Exposure Frequency (d/y): 3.500E+02

Exposure Duration (y): 3.000E+01

---------- CONTAMINANT PARAMETERS ----------

Contaminant Name	Inventory (mg)	Dose Factor MCL (mg/L)	Molar Weight (g/mole)	Half Life (years)	Kd Source (mL/g)	Kd Unsat (mL/g)	Kd Aquifer (mL/g)	Additional Loss Rate (1/y)	Solubility Limit (mg/L)
TPH-diesel	9.170E+08	1.000E+00	1.530E+01	1.000E+06	1.780E+00	1.780E+00	1.780E+00	0.000E+00	1.000E+06

---------- RESULTS ----------

* = Limiting pore water concentration exceeds solubility

Receptor Location X, Y, Z, (meters): 7.550E+01,-2.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	5.478E-06	4.984E-06	0.000E+00	0.000E+00	7.858E+09*	3.913E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 0.000E+00, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	8.709E-03	7.885E-03	0.000E+00	0.000E+00	4.968E+06*	3.822E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	4.131E-02	3.735E-02	0.000E+00	0.000E+00	1.049E+06	3.803E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 2.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	3.663E-02	3.306E-02	0.000E+00	0.000E+00	1.185E+06	3.803E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 3.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	6.142E-03	5.674E-03	0.000E+00	0.000E+00	6.903E+06*	3.843E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 4.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	2.351E-04	2.171E-04	0.000E+00	0.000E+00	1.804E+08*	3.877E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 6.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	1.306E-08	1.189E-08	0.000E+00	0.000E+00	3.295E+12*	3.982E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 8.000E+02, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)
TPH-diesel	4.499E-14	4.197E-14	0.000E+00	0.000E+00	9.333E+17*	4.135E+02

Receptor Location X, Y, Z, (meters): 7.550E+01, 1.000E+03, 0.000E+00

Contaminant Name	Maximum Concentration (mg/L)	Average Concentration (mg/L)	Maximum Impacts (MCL)	Average Impacts (MCL)	Limiting Concentration (mg/kg)	Peak Time (years)