

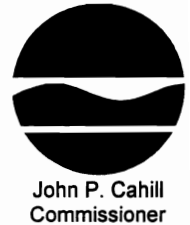
**New York State Department of Environmental Conservation**

**Division of Environmental Remediation, Region 9**

270 Michigan Avenue, Buffalo, New York, 14203-2999

**Phone:** (716) 851-7220 • **FAX:** (716) 851-7226

**Website:** [www.dec.state.ny.us](http://www.dec.state.ny.us)



August 31, 1999

Mr. Daniel T. Parshall  
Energy/Environmental Engineer  
Dunlop Tire Corporation  
P.O. Box 1109  
Buffalo, New York 14240-1109

Dear Mr. Parshall:

**Groundwater Monitoring Results**

As requested in your June 1, 1999 letter, please find attached a copy of the analytical results obtained from the split samples collected by the Department on May 5, 1999. The well number is represented by the last two digits of the Client Sample I.D. Also find attached a tabulation by well of the groundwater monitoring results obtained to date. These tables include both Dunlop and Department analytical results.

With regard to the attached tables, the Department will continue to compile the groundwater results in this form. As a result, Dunlop can discontinue submittal of these tables so long as the raw analytical data from AES continues to be submitted.

Should you have any questions regarding these results, please feel free to contact me at 716-851-7220.

Sincerely yours,

Glenn M. May, CPG  
Engineering Geologist I

**Attachments**

cc: Mr. Daniel King, Division of Environmental Remediation, w/o attachments  
Mr. Brian Sadowski, Division of Environmental Remediation, w/o attachments

TABLE VO-1.0  
7099-1047A  
NYSDEC  
TCL VOLATILE ORGANICS + TIC'S

Aqueous

All values are ug/L.

| Client Sample I.D.         | Method Blank | B555C7     | B555A4     | Quant. Limits with no Dilution |
|----------------------------|--------------|------------|------------|--------------------------------|
| Lab Sample I.D.            | VLKKJ        | 991047A-02 | 991047A-03 |                                |
| Method Blank I.D.          | VLKKJ        | VLKKJ      | VLKKJ      |                                |
| Quant. Factor              | 1.00         | 1.00       | 1.00       |                                |
| Chloromethane              | U            | U          | U          | 10                             |
| Bromomethane               | U            | U          | U          | 10                             |
| Vinyl Chloride             | U            | U          | U          | 10                             |
| Chloroethane               | U            | U          | U          | 10                             |
| Methylene Chloride         | U            | 1J         | .8J        | 10                             |
| Acetone                    | 10           | 8JB        | 8JB        | 10                             |
| Carbon Disulfide           | U            | U          | U          | 10                             |
| 1,1-Dichloroethene         | U            | U          | U          | 10                             |
| 1,1-Dichloroethane         | U            | U          | U          | 10                             |
| 1,2-Dichloroethene (total) | U            | U          | U          | 10                             |
| Chloroform                 | U            | U          | U          | 10                             |
| 1,2-Dichloroethane         | U            | U          | U          | 10                             |
| 2-Butanone                 | U            | U          | U          | 10                             |
| 1,1,1-Trichloroethane      | U            | U          | U          | 10                             |
| Carbon Tetrachloride       | U            | U          | U          | 10                             |
| Bromodichloromethane       | U            | U          | U          | 10                             |
| 1,2-Dichloropropane        | U            | U          | U          | 10                             |
| cis-1,3-Dichloropropene    | U            | U          | U          | 10                             |
| Trichloroethene            | U            | U          | U          | 10                             |
| Dibromochloromethane       | U            | U          | U          | 10                             |
| 1,1,2-Trichloroethane      | U            | U          | U          | 10                             |
| Benzene                    | U            | U          | U          | 10                             |
| trans-1,3-Dichloropropene  | U            | U          | U          | 10                             |
| Bromoform                  | U            | U          | U          | 10                             |
| 4-Methyl-2-Pentanone       | U            | U          | U          | 10                             |
| 2-Hexanone                 | U            | U          | U          | 10                             |
| Tetrachloroethene          | U            | U          | U          | 10                             |
| 1,1,2,2-Tetrachloroethane  | U            | U          | U          | 10                             |
| Toluene                    | U            | U          | U          | 10                             |
| Chlorobenzene              | U            | U          | U          | 10                             |
| Ethylbenzene               | U            | U          | U          | 10                             |
| Styrene                    | U            | U          | U          | 10                             |
| Xylene (total)             | U            | U          | U          | 10                             |
| Date Received              |              | 05/05/99   | 05/05/99   |                                |
| Date Extracted             | N/A          | N/A        | N/A        |                                |
| Date Analyzed              | 05/10/99     | 05/11/99   | 05/11/99   |                                |

See Appendix for qualifier definitions

Note: Compound detection limit = quantitation limit x quantitation factor  
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.1  
7099-1047A  
NYSDEC  
TCL VOLATILE ORGANICS + TIC'S

Aqueous

All values are ug/L.

| Client Sample I.D.         | B555B3     | B555B4     |  | Quant.<br>Limits<br>with no<br>Dilution |
|----------------------------|------------|------------|--|-----------------------------------------|
| Lab Sample I.D.            | 991047A-04 | 991047A-05 |  |                                         |
| Method Blank I.D.          | VBKKJ      | VBKKJ      |  |                                         |
| Quant. Factor              | 1.00       | 1.00       |  |                                         |
| Chloromethane              | U          | U          |  | 10                                      |
| Bromomethane               | U          | U          |  | 10                                      |
| Vinyl Chloride             | U          | U          |  | 10                                      |
| Chloroethane               | U          | U          |  | 10                                      |
| Methylene Chloride         | U          | 1J         |  | 10                                      |
| Acetone                    | 16B        | 7JB        |  | 10                                      |
| Carbon Disulfide           | U          | U          |  | 10                                      |
| 1,1-Dichloroethene         | U          | U          |  | 10                                      |
| 1,1-Dichloroethane         | U          | U          |  | 10                                      |
| 1,2-Dichloroethene (total) | U          | U          |  | 10                                      |
| Chloroform                 | U          | U          |  | 10                                      |
| 1,2-Dichloroethane         | U          | U          |  | 10                                      |
| 2-Butanone                 | 6J         | U          |  | 10                                      |
| 1,1,1-Trichloroethane      | U          | U          |  | 10                                      |
| Carbon Tetrachloride       | U          | U          |  | 10                                      |
| Bromodichloromethane       | U          | U          |  | 10                                      |
| 1,2-Dichloropropane        | U          | U          |  | 10                                      |
| cis-1,3-Dichloropropene    | U          | U          |  | 10                                      |
| Trichloroethene            | U          | U          |  | 10                                      |
| Dibromochloromethane       | U          | U          |  | 10                                      |
| 1,1,2-Trichloroethane      | U          | U          |  | 10                                      |
| Benzene                    | U          | U          |  | 10                                      |
| trans-1,3-Dichloropropene  | U          | U          |  | 10                                      |
| Bromoform                  | U          | U          |  | 10                                      |
| 4-Methyl-2-Pentanone       | U          | U          |  | 10                                      |
| 2-Hexanone                 | U          | U          |  | 10                                      |
| Tetrachloroethene          | U          | U          |  | 10                                      |
| 1,1,2,2-Tetrachloroethane  | .7J        | .8J        |  | 10                                      |
| Toluene                    | U          | U          |  | 10                                      |
| Chlorobenzene              | U          | U          |  | 10                                      |
| Ethylbenzene               | U          | U          |  | 10                                      |
| Styrene                    | U          | U          |  | 10                                      |
| Xylene (total)             | U          | U          |  | 10                                      |
| Date Received              | 05/05/99   | 05/05/99   |  |                                         |
| Date Extracted             | N/A        | N/A        |  |                                         |
| Date Analyzed              | 05/11/99   | 05/11/99   |  |                                         |

See Appendix for qualifier definitions

Note: Compound detection limit = quantitation limit x quantitation factor  
Quant. Factor = a numerical value which takes into account any  
variation in sample weight/volume, % moisture and  
sample dilution.

TABLE VO-1.2  
7099-1047A  
NYSDEC  
TCL VOLATILE ORGANICS + TIC'S

Aqueous

All values are ug/L.

| Client Sample I.D.         | Method<br>Blank | B555C5     |  | Quant.<br>Limits<br>with no<br>Dilution |
|----------------------------|-----------------|------------|--|-----------------------------------------|
| Lab Sample I.D.            | VBKKL           | 991047A-01 |  |                                         |
| Method Blank I.D.          | VBKKL           | VBKKL      |  |                                         |
| Quant. Factor              | 1.00            | 1.00       |  |                                         |
| Chloromethane              | U               | U          |  | 10                                      |
| Bromomethane               | U               | U          |  | 10                                      |
| Vinyl Chloride             | U               | U          |  | 10                                      |
| Chloroethane               | U               | U          |  | 10                                      |
| Methylene Chloride         | U               | .5J        |  | 10                                      |
| Acetone                    | 7J              | U          |  | 10                                      |
| Carbon Disulfide           | U               | U          |  | 10                                      |
| 1,1-Dichloroethene         | U               | U          |  | 10                                      |
| 1,1-Dichloroethane         | U               | U          |  | 10                                      |
| 1,2-Dichloroethene (total) | U               | U          |  | 10                                      |
| Chloroform                 | U               | U          |  | 10                                      |
| 1,2-Dichloroethane         | U               | U          |  | 10                                      |
| 2-Butanone                 | 4J              | U          |  | 10                                      |
| 1,1,1-Trichloroethane      | U               | U          |  | 10                                      |
| Carbon Tetrachloride       | U               | U          |  | 10                                      |
| Bromodichloromethane       | U               | U          |  | 10                                      |
| 1,2-Dichloropropane        | U               | U          |  | 10                                      |
| cis-1,3-Dichloropropene    | U               | U          |  | 10                                      |
| Trichloroethene            | U               | U          |  | 10                                      |
| Dibromochloromethane       | U               | U          |  | 10                                      |
| 1,1,2-Trichloroethane      | U               | U          |  | 10                                      |
| Benzene                    | U               | U          |  | 10                                      |
| trans-1,3-Dichloropropene  | U               | U          |  | 10                                      |
| Bromoform                  | U               | U          |  | 10                                      |
| 4-Methyl-2-Pentanone       | U               | U          |  | 10                                      |
| 2-Hexanone                 | U               | U          |  | 10                                      |
| Tetrachloroethene          | U               | U          |  | 10                                      |
| 1,1,2,2-Tetrachloroethane  | U               | U          |  | 10                                      |
| Toluene                    | U               | U          |  | 10                                      |
| Chlorobenzene              | U               | U          |  | 10                                      |
| Ethylbenzene               | U               | U          |  | 10                                      |
| Styrene                    | U               | U          |  | 10                                      |
| Xylene (total)             | U               | U          |  | 10                                      |
| Date Received              |                 | 05/05/99   |  |                                         |
| Date Extracted             | N/A             | N/A        |  |                                         |
| Date Analyzed              | 05/11/99        | 05/11/99   |  |                                         |

See Appendix for qualifier definitions

Note: Compound detection limit = quantitation limit x quantitation factor  
Quant. Factor = a numerical value which takes into account any  
variation in sample weight/volume, % moisture and  
sample dilution.



TABLE AS-1.0  
7099-1047A  
NYSDEC  
TAL METALS

Aqueous

All values are ug/L.

| Client Sample I.D. | B555C5     | B555C7     | B555A4     | B555B3     |
|--------------------|------------|------------|------------|------------|
| Lab Sample I.D.    | 991047A-01 | 991047A-02 | 991047A-03 | 991047A-04 |
| Aluminum           | 895.       | 2890       | 2880       | 380.       |
| Antimony           | 3.0U       | 4.1B       | 4.5B       | 4.5B       |
| Arsenic            | 3.0U       | 3.0U       | 4.9B       | 9.9B       |
| Barium             | 18.6B      | 30.5B      | 20.1B      | 240.       |
| Beryllium          | 1.0U       | 1.0U       | 1.2B       | 1.0U       |
| Cadmium            | 1.4B       | 1.8B       | 1.7B       | 2.4B       |
| Calcium            | 60500      | 104000     | 307000     | 162000     |
| Chromium           | 21.0       | 63.1       | 4.9B       | 5.5B       |
| Cobalt             | 2.0U       | 2.0U       | 3.8B       | 2.0U       |
| Copper             | 5.7B       | 12.0B      | 8.9B       | 3.9B       |
| Iron               | 1090       | 4060       | 4010       | 14800      |
| Lead               | 6.8        | 5.7        | 2.0U       | 3.4        |
| Magnesium          | 144000     | 399000     | 1050000    | 90500      |
| Manganese          | 26.0       | 121.       | 328.       | 490.       |
| Mercury            | 0.10U      | 0.10U      | 0.10U      | 0.27       |
| Nickel             | 13.3B      | 40.7       | 18.0B      | 12.0B      |
| Potassium          | 4240B      | 10500      | 28400      | 7320       |
| Selenium           | 4.0UN      | 4.7BN      | 4.0UN      | 4.0UN      |
| Silver             | 2.0U       | 2.0U       | 2.0U       | 2.0U       |
| Sodium             | 46000      | 141000     | 335000     | 64600      |
| Thallium           | 3.0U       | 3.0U       | 3.0U       | 3.0U       |
| Vanadium           | 2.0U       | 3.5B       | 2.7B       | 2.0U       |
| Zinc               | 204.       | 202.       | 88.9       | 17.7B      |

See Appendix for qualifier definitions

TABLE AS-1.1  
7099-1047A  
NYSDEC  
TAL METALS

Aqueous

All values are ug/L.

|                    |            |  |  |  |
|--------------------|------------|--|--|--|
| Client Sample I.D. | B555B4     |  |  |  |
| Lab Sample I.D.    | 991047A-05 |  |  |  |
| Aluminum           | 1090       |  |  |  |
| Antimony           | 3.0U       |  |  |  |
| Arsenic            | 3.0U       |  |  |  |
| Barium             | 13.7B      |  |  |  |
| Beryllium          | 1.0U       |  |  |  |
| Cadmium            | 1.2B       |  |  |  |
| Calcium            | 98400      |  |  |  |
| Chromium           | 2.2B       |  |  |  |
| Cobalt             | 2.0U       |  |  |  |
| Copper             | 2.8B       |  |  |  |
| Iron               | 1230       |  |  |  |
| Lead               | 2.9B       |  |  |  |
| Magnesium          | 367000     |  |  |  |
| Manganese          | 40.4       |  |  |  |
| Mercury            | 0.10U      |  |  |  |
| Nickel             | 7.1B       |  |  |  |
| Potassium          | 10800      |  |  |  |
| Selenium           | 4.0UN      |  |  |  |
| Silver             | 2.0U       |  |  |  |
| Sodium             | 169000     |  |  |  |
| Thallium           | 3.0U       |  |  |  |
| Vanadium           | 3.8B       |  |  |  |
| Zinc               | 242.       |  |  |  |

See Appendix for qualifier definitions

SAMPLE NO.

B555C5

Contract: 915018

SAS No. : \_\_\_\_\_

SDG No. : 0505

Lab Sample ID: 991047A-01

Date Received: 05/05/99

[illegible]

Comments:

SAMPLE NO.

B555C7

Contract: 915018

SDG No. : 0505

Lab Sample ID: 991047A-02

Date Received: 05/05/99

[illegible]

Comments:

SAMPLE NO.

B555A4

Contract: 915018

SAS No. : \_\_\_\_\_

SDG No. : 0505

Lab Sample ID: 991047A-03

Date Received: 05/05/99

[illegible]

Comments :

SAMPLE NO.

B555B3

Contract: 915018

SAS No.: \_\_\_\_\_ SDG No.: 0505

Lab Sample ID: 991047A-04

Date Received: 05/05/99

Comments :

B555B4

Date Received: 05/05/99

Comments:

**Table 1.**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in µg/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-A4 (Downgradient) |         |         |         |          |                 |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-----------------|----------|---------|
|                            |                 |                            | 5/30/91 **            | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97         | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 1,1-Dichloroethane         | 5               |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,2-Dichloroethene (Total) | 5               |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Chloroform                 | 7               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 2-Butanone                 | 50              |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,1-Trichloroethane      | 5               |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Benzene                    | 1               |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,2,2-Tetrachloroethane  | 5               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Fluorene                   | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Phenanthrene               | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Anthracene                 | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Total Phenols              | 1               |                            | ND                    | ND      | 19.0    | ND [ND] | ND       | ND(4)           | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Arsenic                    | 25              |                            | 69.0                  | ND      | ND      | ND      | ND       | ND(5) [ND(6.1)] | ND(2)    | ND(2)   |
| Cadmium                    | 5               |                            | 330.0                 | ND      | ND      | 22.0    | ND       | ND(10) [ND(1)]  | ND(16)   | ND(16)  |
| Chromium                   | 50              |                            | 365.0                 | 4.1 B   | ND      | 20.0    | ND       | ND(10) [11.8]   | ND(14)   | 20.0    |
| Lead                       | 25              |                            | 46.0                  | ND      | ND      | ND      | ND       | ND(5) [3.2]     | ND(2)    | ND(2)   |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former downgradient monitoring well OMW-2.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

[ ] Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.



**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in µg/l)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-A4 (Downgradient) |  |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|
|                            |                 |                            | 5/5/99                |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            | [ND(10)]              |  |  |  |  |
| 1,1-Dichloroethane         | 5               |                            | ND(10) [ND(10)]       |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               |                            | ND(10) [ND(10)]       |  |  |  |  |
| Chloroform                 | 7               |                            | [ND(10)]              |  |  |  |  |
| 2-Butanone                 | 50              |                            | ND(10) [ND(10)]       |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               |                            | ND(10) [ND(10)]       |  |  |  |  |
| Benzene                    | 1               |                            | ND(10) [ND(10)]       |  |  |  |  |
| 1,1,2,2-Tetrachloroethane  | 5               |                            | [ND(10)]              |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |  |  |  |  |
| Fluorene                   | 50 G            |                            |                       |  |  |  |  |
| Phenanthrene               | 50 G            |                            |                       |  |  |  |  |
| Anthracene                 | 50 G            |                            |                       |  |  |  |  |
| Dibenzofuran               | 50              |                            |                       |  |  |  |  |
| Total Phenols              | 1               |                            | ND(4)                 |  |  |  |  |
| 4,4'-DDE                   | 0.2             |                            |                       |  |  |  |  |
| Arsenic                    | 25              |                            | 9.0 [4.9 B]           |  |  |  |  |
| Cadmium                    | 5               |                            | ND(16) [1.7 B]        |  |  |  |  |
| Chromium                   | 50              |                            | ND(14) [4.9 B]        |  |  |  |  |
| Lead                       | 25              |                            | 4.0 [ND(2)]           |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

[ ] Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in µg/l)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-A6 (Upgradient) |         |         |         |          |         |          |         |
|----------------------------|-----------------|----------------------------|---------------------|---------|---------|---------|----------|---------|----------|---------|
|                            |                 |                            | 5/30/91 **          | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97 | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | 5.0                 | ND      | ND      |         |          |         |          |         |
| 1,1-Dichloroethane         | 5               |                            | 17.0                | ND      | ND      |         |          |         |          |         |
| 1,2-Dichloroethene (Total) | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chloroform                 | 7               |                            | 0.6 J               | ND      | ND      |         |          |         |          |         |
| 2-Butanone                 | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1,1-Trichloroethane      | 5               |                            | 80.0                | ND      | ND      |         |          |         |          |         |
| Benzene                    | 1               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1,2,2-Tetrachloroethane  | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Acenaphthene               | 20 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Fluorene                   | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Phenanthrene               | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Anthracene                 | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Dibenzofuran               | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Total Phenols              | 1               |                            | ND                  | 8.0     | 12.0    | ND [ND] | ND       | 4.0     | 7.0      | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Arsenic                    | 25              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Cadmium                    | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chromium                   | 50              |                            | ND                  | 2.3 B   | 1.4 B   |         |          |         |          |         |
| Lead                       | 25              |                            | 25.0                | 3.9     | 4.4 J   |         |          |         |          |         |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former upgradient monitoring well OMW-A3.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

| Department split sample results.

| Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in µg/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B3 (Downgradient) |         |         |         |          |                 |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-----------------|----------|---------|
|                            |                 |                            | 5/29/91               | 5/16/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97         | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      | ND      |          | [ND(10)]        |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Chloroform                 | 7               |                            | ND                    | ND      | ND      | ND      |          | [ND(10)]        |          |         |
| 2-Butanone                 | 50              |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Benzene                    | 1               | 0.7                        | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,2,2-Tetrachloroethane  | 5               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| Acenaphthene               | 20 G            |                            | 2 J                   | 3 J     | 2 J     |         |          |                 |          |         |
| Fluorene                   | 50 G            |                            | ND                    | 2 J     | 1 J     |         |          |                 |          |         |
| Phenanthrene               | 50 G            |                            | ND                    | 3 J     | 0.3 J   |         |          |                 |          |         |
| Anthracene                 | 50 G            |                            | ND                    | 0.7 J   | 0.2 J   |         |          |                 |          |         |
| Dibenzofuran               | 50              |                            | ND                    | 1 J     | 0.6 J   |         |          |                 |          |         |
| Total Phenols              | 1               | 1                          | ND                    | 5.0     | 17.0    | ND [ND] | 4.0      | 2 B             | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | 0.12 J                | ND      | ND      |         |          |                 |          |         |
| Arsenic                    | 25              | 25                         | 7 B                   | 2.2 B   | 8.1 B   | 6.0     | 10.0     | 14.0 [15.6]     | 14.0     | 4.0     |
| Cadmium                    | 5               | 10                         | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(1)]  | ND(16)   | ND(16)  |
| Chromium                   | 50              | 50                         | ND                    | 1.6 B   | 5 B     | ND      | ND       | ND(10) [8.2 B]  | ND(14)   | ND(14)  |
| Lead                       | 25              | 32                         | 16.0                  | 3.1     | 15.3 J  | ND      | ND       | 1 B [ND(2.2)]   | ND(2)    | ND(2)   |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

I | Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in µg/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B3 (Downgradient) |  |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|
|                            |                 |                            | 5/5/99                |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            | [ND(10)]              |  |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Chloroform                 | 7               |                            | [ND(10)]              |  |  |  |  |
| 2-Butanone                 | 50              |                            | ND(10) [6 J]          |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Benzene                    | 1               | 0.7                        | ND(10) [ND(10)]       |  |  |  |  |
| 1,1,2,2-Tetrachloroethane  | 5               |                            | [0.7 J]               |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |  |  |  |  |
| Fluorene                   | 50 G            |                            |                       |  |  |  |  |
| Phenanthrene               | 50 G            |                            |                       |  |  |  |  |
| Anthracene                 | 50 G            |                            |                       |  |  |  |  |
| Dibenzofuran               | 50              |                            |                       |  |  |  |  |
| Total Phenols              | 1               | 1                          | ND(4)                 |  |  |  |  |
| 4,4'-DDE                   | 0.2             |                            |                       |  |  |  |  |
| Arsenic                    | 25              | 25                         | 10.0 [9.9 B]          |  |  |  |  |
| Cadmium                    | 5               | 10                         | ND(16) [2.4 B]        |  |  |  |  |
| Chromium                   | 50              | 50                         | ND(14) [5.5 B]        |  |  |  |  |
| Lead                       | 25              | 32                         | ND(2) [3.4]           |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

| | Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in µg/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B4 (Downgradient) |         |         |         |          |                 |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-----------------|----------|---------|
|                            |                 |                            | 5/29/91 **            | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97         | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Chloroform                 | 7               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 2-Butanone                 | 50              |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Benzene                    | 1               | 2                          | 1.0                   | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,2,2-Tetrachloroethane  | 5               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Fluorene                   | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Phenanthrene               | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Anthracene                 | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Total Phenols              | 1               | 1                          | ND                    | ND      | 8.0     | ND [ND] | ND       | 2 B             | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Arsenic                    | 25              | 25                         | ND                    | ND      | ND      | ND      | ND       | ND(5) [ND(6.1)] | ND(2)    | ND(2)   |
| Cadmium                    | 5               | 28                         | 14.0                  | ND      | ND      | ND      | ND       | ND(10) [ND(1)]  | ND(16)   | ND(16)  |
| Chromium                   | 50              | 178                        | 89.0                  | ND      | 1.1 B   | 20.0    | ND       | ND(10) [8.9 B]  | ND(14)   | ND(14)  |
| Lead                       | 25              | 52                         | 26.0                  | ND      | ND      | ND      | ND       | ND(5) [ND(2.2)] | ND(2)    | ND(2)   |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former downgradient monitoring well OMW-B2.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

| | Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in µg/l)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B4 (Downgradient) |  |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|
|                            |                 |                            | 5/5/99                |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            | [ND(10)]              |  |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Chloroform                 | 7               |                            | [ND(10)]              |  |  |  |  |
| 2-Butanone                 | 50              |                            | ND(10) [ND(10)]       |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Benzene                    | 1               | 2                          | ND(10) [ND(10)]       |  |  |  |  |
| 1,1,2,2-Tetrachloroethane  | 5               |                            | [0.8 J]               |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |  |  |  |  |
| Fluorene                   | 50 G            |                            |                       |  |  |  |  |
| Phenanthrene               | 50 G            |                            |                       |  |  |  |  |
| Anthracene                 | 50 G            |                            |                       |  |  |  |  |
| Dibenzofuran               | 50              |                            |                       |  |  |  |  |
| Total Phenols              | 1               | 1                          | ND(4)                 |  |  |  |  |
| 4,4'-DDE                   | 0.2             |                            |                       |  |  |  |  |
| Arsenic                    | 25              | 25                         | 2.0 [ND(3)]           |  |  |  |  |
| Cadmium                    | 5               | 28                         | ND(16) [1.2 B]        |  |  |  |  |
| Chromium                   | 50              | 178                        | ND(14) [2.2 B]        |  |  |  |  |
| Lead                       | 25              | 52                         | 3.0 [2.9 B]           |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.  
 \* Action levels are from the Long Term Monitoring Plan dated July 1994.  
 G Guidance value.  
 B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.  
 ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.  
 | | Department split sample results.  
 Shaded values equal or exceed groundwater standards or guidance values (ARARs).  
 Blanks indicate that the compound was not analyzed for.



**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in µg/l)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C1 (Upgradient) |         |         |         |          |         |          |         |
|----------------------------|-----------------|----------------------------|---------------------|---------|---------|---------|----------|---------|----------|---------|
|                            |                 |                            | 5/29/91             | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97 | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1-Dichloroethane         | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,2-Dichloroethene (Total) | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chloroform                 | 7               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 2-Butanone                 | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1,1-Trichloroethane      | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Benzene                    | 1               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1,2,2-Tetrachloroethane  | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Acenaphthene               | 20 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Fluorene                   | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Phenanthrene               | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Anthracene                 | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Dibenzofuran               | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Total Phenols              | 1               |                            | ND                  | ND      | 15.0    | ND [ND] | ND       | ND(4)   | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Arsenic                    | 25              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Cadmium                    | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chromium                   | 50              |                            | ND                  | 6.6 B   | 2.1 B   |         |          |         |          |         |
| Lead                       | 25              |                            | 14.0                | ND      | ND      |         |          |         |          |         |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

| | Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in µg/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C5 (Downgradient) |         |         |         |          |                 |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-----------------|----------|---------|
|                            |                 |                            | 5/30/91               | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97         | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Chloroform                 | 7               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 2-Butanone                 | 50              |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Benzene                    | 1               | 0.7                        | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,2,2-Tetrachloroethane  | 5               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Fluorene                   | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Phenanthrene               | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Anthracene                 | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Total Phenols              | 1               | 1                          | ND                    | 5.0     | 16.0    | ND [ND] | 4.0      | ND(4)           | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Arsenic                    | 25              | 25                         | ND                    | ND      | ND      | ND      | ND       | ND(5) [ND(6.1)] | ND(2)    | ND(2)   |
| Cadmium                    | 5               | 16                         | 8.0                   | ND      | ND      | ND      | ND       | ND(10) [ND(1)]  | ND(16)   | ND(16)  |
| Chromium                   | 50              | 66                         | 33.0                  | 2 B     | 2.8 B   | 20.0    | ND       | 24.0 [34.9]     | 17.0     | 39.0    |
| Lead                       | 25              | 50                         | 25.0                  | 1.2 B   | 60.8 J  | ND      | ND       | 2 B [7.7]       | 7.0      | ND(2)   |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

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G Guidance value.

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B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

[ ] Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.



**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in µg/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C5 (Downgradient) |  |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|
|                            |                 |                            | 5/5/99                |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            | [ND(10)]              |  |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Chloroform                 | 7               |                            | [ND(10)]              |  |  |  |  |
| 2-Butanone                 | 50              |                            | ND(10) [ND(10)]       |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Benzene                    | 1               | 0.7                        | ND(10) [ND(10)]       |  |  |  |  |
| 1,1,2,2-Tetrachloroethane  | 5               |                            | [ND(10)]              |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |  |  |  |  |
| Fluorene                   | 50 G            |                            |                       |  |  |  |  |
| Phenanthrene               | 50 G            |                            |                       |  |  |  |  |
| Anthracene                 | 50 G            |                            |                       |  |  |  |  |
| Dibenzofuran               | 50              |                            |                       |  |  |  |  |
| Total Phenols              | 1               | 1                          | ND(4)                 |  |  |  |  |
| 4,4'-DDE                   | 0.2             |                            |                       |  |  |  |  |
| Arsenic                    | 25              | 25                         | ND(2) [ND(3)]         |  |  |  |  |
| Cadmium                    | 5               | 16                         | ND(16) [1.4 B]        |  |  |  |  |
| Chromium                   | 50              | 66                         | 28.0 [21.0]           |  |  |  |  |
| Lead                       | 25              | 50                         | 9.0 [6.8]             |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

[ ] Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in µg/l)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C7 (Downgradient) |         |         |         |          |                 |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-----------------|----------|---------|
|                            |                 |                            | 5/29/91 **            | 5/16/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97         | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            |                       | ND      | ND      |         |          | [ND(10)]        |          |         |
| 1,1-Dichloroethane         | 5               | 5                          |                       | ND      | ND      |         | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,2-Dichloroethene (Total) | 5               | 5                          |                       | ND      | ND      |         | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Chloroform                 | 7               |                            |                       | ND      | ND      |         |          | [ND(10)]        |          |         |
| 2-Butanone                 | 50              |                            |                       | ND      | ND      |         | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,1-Trichloroethane      | 5               | 5                          |                       | ND      | ND      |         | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Benzene                    | 1               | 0.7                        |                       | ND      | ND      |         | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,2,2-Tetrachloroethane  | 5               |                            |                       | ND      | ND      |         | .        | [ND(10)]        |          |         |
| Acenaphthene               | 20 G            |                            |                       | ND      | ND      |         |          |                 |          |         |
| Fluorene                   | 50 G            |                            |                       | ND      | ND      |         |          |                 |          |         |
| Phenanthrene               | 50 G            |                            |                       | ND      | ND      |         |          |                 |          |         |
| Anthracene                 | 50 G            |                            |                       | ND      | ND      |         |          |                 |          |         |
| Dibenzofuran               | 50              |                            |                       | ND      | ND      |         |          |                 |          |         |
| Total Phenols              | 1               | 1                          |                       | ND      | 18.0    | ND [ND] | ND       | ND(4)           | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            |                       | ND      | ND      |         |          |                 |          |         |
| Arsenic                    | 25              | 25                         |                       | ND      | ND      |         | ND       | ND(5) [ND(6.1)] | ND(2)    | ND(2)   |
| Cadmium                    | 5               | 10                         |                       | 1.2 B   | ND      |         | ND       | ND(10) [ND(1)]  | ND(16)   | ND(16)  |
| Chromium                   | 50              | 50                         |                       | 1.6 B   | 1.3 B   |         | 30.0     | 7 B (5.8 B)     | ND(14)   | 17.0    |
| Lead                       | 25              | 25                         |                       | ND      | ND      |         | ND       | 2 B (2.8 B)     | ND(2)    | ND(2)   |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Well not installed at this date.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

| | Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in µg/l)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C7 (Downgradient) |  |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|
|                            |                 |                            | 5/5/99                |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            | [ND(10)]              |  |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Chloroform                 | 7               |                            | [ND(10)]              |  |  |  |  |
| 2-Butanone                 | 50              |                            | ND(10) [ND(10)]       |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Benzene                    | 1               | 0.7                        | ND(10) [ND(10)]       |  |  |  |  |
| 1,1,2,2-Tetrachloroethane  | 5               |                            | [ND(10)]              |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |  |  |  |  |
| Fluorene                   | 50 G            |                            |                       |  |  |  |  |
| Phenanthrene               | 50 G            |                            |                       |  |  |  |  |
| Anthracene                 | 50 G            |                            |                       |  |  |  |  |
| Dibenzofuran               | 50              |                            |                       |  |  |  |  |
| Total Phenols              | 1               | 1                          | ND(4)                 |  |  |  |  |
| 4,4'-DDE                   | 0.2             |                            |                       |  |  |  |  |
| Arsenic                    | 25              | 25                         | 2.0 [ND(3)]           |  |  |  |  |
| Cadmium                    | 5               | 10                         | ND(16) [1.8 B]        |  |  |  |  |
| Chromium                   | 50              | 50                         | 46.0 [63.1]           |  |  |  |  |
| Lead                       | 25              | 25                         | 2.0 [5.7]             |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

| | Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.

**From:** Brian Sadowski  
**To:** gmmay  
**Date:** 8/17/99 11:46am  
**Subject:** Dunlop GW Data

Glenn,

I have completed my review of the GW data for each sampling round. Where applicable, I made changes for the parameter. Other observations are:

1,1,2,2, - Tetrachloroethane is not a listed parameter on Dunlop's tables. Therefore, you will find a NR for Not Reported. This parameter is listed on our tables.

Phenanthrene is spelled incorrectly on Dunlop's tables.

It would be helpful to check or insert data if you had Dunlop put their tables in your order (Upgradient and then Downgradient). Or you may want to consider putting them in Dunlop's order (Well number).

Open cells are confusing for anyone other than ourselves looking at this data. A suggestion is a footnote as to why they are open.

NYSDEC split data <sup>s</sup> ~~is~~ missing for period 5/1/96.

Brian

1,1,2,2,4,4,6,6,8,8-octachlorodibenz-p-dioxin is NOT LISTED ON DUNLOP'S TABLES.  
 PHENANTHRENE SPECIES MONITORED ON DUNLOP'S TABLES.  
 Reported by  
 Person in  
 August 1999

**Table 1.**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in ug/l)

| PARAMETER                        | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-A3 (Upgradient) |         |         |         |          |         |          |         |
|----------------------------------|-----------------|----------------------------|---------------------|---------|---------|---------|----------|---------|----------|---------|
|                                  |                 |                            | 5/30/91 **          | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97 | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene (USE)         | 5 ✓             |                            | 5                   | ND      | ND      |         |          |         |          |         |
| 1,1-Dichloroethane (USE)         | 5 ✓             |                            | 17                  | ND      | ND      |         |          |         |          |         |
| 1,2-Dichloroethene (Total) (USE) | 5 ✓             |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chloroform (USE)                 | 100 7           |                            | 0.6 J               | ND      | ND      |         |          |         |          |         |
| 2-Butanone (USE)                 | 50              |                            |                     | ND      | ND      |         |          |         |          |         |
| 1,1,1-Trichloroethane (USE)      | 5 ✓             |                            | 80                  | ND      | ND      |         |          |         |          |         |
| Benzene (USE)                    | 100 7           |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1,2,2-Tetrachloroethane (USE)  | 5               |                            |                     | NA      | NA      | NR      | NR       | NR      | NR       | NR      |
| Acenaphthene (USE)               | 20 G ✓          |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Fluorene (USE)                   | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Phenanthrene (USE)               | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Anthracene (USE)                 | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Dibenzofuran (USE)               | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Total Phenols (USE)              | 1 ✓             |                            | ND                  | 8       | 12      | ND (ND) | ND       | 4       | 7        | ND      |
| 4,4'-DDE (USE)                   | ND, 2           |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Arsenic (MCT)                    | 25 ✓            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Cadmium (MCT)                    | 10 5            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chromium (MCT)                   | 50 ✓            |                            | ND                  | 2.3 B   | 1.4 B   |         |          |         |          |         |
| Lead (MCT)                       | 25 ✓            |                            | 25                  | 3.9     | 4.4 J   |         |          |         |          |         |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former upgradient monitoring well OMW-A3.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

NA Not Detected

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in ug/l)

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C1 (Upgradient) |         |         |         |          |         |          |         |
|----------------------------|-----------------|----------------------------|---------------------|---------|---------|---------|----------|---------|----------|---------|
|                            |                 |                            | 5/29/91             | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97 | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1-Dichloroethane         | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,2-Dichloroethene (Total) | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chloroform                 | 100             |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 2-Butanone                 |                 |                            |                     | ND      | ND      |         |          |         |          |         |
| 1,1,1-Trichloroethane      | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Benzene                    | 0.7             |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1,2,2-Tetrachloroethane  |                 |                            |                     | ND      | ND      |         |          |         |          |         |
| Acenaphthene               | 20 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Fluorene                   | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Phenanthrene               | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Anthracene                 | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Dibenzofuran               | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Total Phenols              | 1               |                            | ND                  | ND      | 15      | ND (ND) | ND       | ND      | ND       | ND      |
| 4,4'-DDE                   | ND              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Arsenic                    | 25              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Cadmium                    | 10              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chromium                   | 50              |                            | ND                  | 6.6 B   | 2.1 B   |         |          |         |          |         |
| Lead                       | 25              |                            | 14                  | ND      | ND      |         |          |         |          |         |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

NR NOT REPORTED



**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in ug/l)

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B3 (Downgradient) |         |         |         |          |             |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-------------|----------|---------|
|                            |                 |                            | 5/29/91               | 5/16/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97     | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      | ND      |          | (ND)        |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND (ND)     | ND       | ND      |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND (ND)     | ND       | ND      |
| Chloroform                 | 100             |                            | ND                    | ND      | ND      | ND      | ND       | (ND)        |          |         |
| 2-Butanone                 |                 |                            |                       | ND      | ND      | ND      | ND       | ND          | ND       | ND      |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND (ND)     | ND       | ND      |
| Benzene                    | 0.7             | 0.7                        | ND                    | ND      | ND      | ND      | ND       | ND (ND)     | ND       | ND      |
| 1,1,2,2-Tetrachloroethane  |                 |                            |                       | ND      | ND      | ND      | ND       | ND          | ND       | ND      |
| Acenaphthene               | 20 G            |                            | 2 J                   | 3 J     | 2 J     | ND      | ND       | ND          | ND       | ND      |
| Fluorene                   | 50              |                            | ND                    | 2 J     | 1 J     |         |          |             |          |         |
| Phenanthrene               | 50              |                            | ND                    | 3 J     | 0.3 J   |         |          |             |          |         |
| Anthracene                 | 50              |                            | ND                    | 0.7 J   | 0.2 J   |         |          |             |          |         |
| Dibenzofuran               | 50              |                            | ND                    | 1 J     | 0.6 J   |         |          |             |          |         |
| Total Phenols              | 1               | 1                          | ND                    | 5       | 17      | ND (ND) | ND       | 2 B         | ND       | ND      |
| 4,4'-DDE                   | ND              |                            | 0.12 J                | ND      | ND      |         |          |             |          |         |
| Arsenic                    | 25              | 25                         | 7 B                   | 2.2 B   | 8.1 B   | 6       | 0.010 B  | 14.0 (15.6) | 14.0     | ND      |
| Cadmium                    | 10              | 10                         | ND                    | ND      | ND      | ND      | ND       | ND (ND)     | ND       | ND      |
| Chromium                   | 50              | 50                         | ND                    | 1.6 B   | 5 B     | ND      | ND       | ND (8.2 B)  | ND       | ND      |
| Lead                       | 25              | 32                         | 16                    | 3.1     | 15.3 J  | ND      | ND       | 1 B (ND)    | ND       | ND      |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

*Below ARAR. Remaining activity*

*NR Not Reported*

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B3 (Downgradient) |  |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|
|                            |                 |                            | 5/5/99                |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            |                       |  |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    |  |  |  |  |
| Chloroform                 | 100             |                            |                       |  |  |  |  |
| 2-Butanone                 |                 |                            | ND (65)               |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    |  |  |  |  |
| Benzene                    | 0.7             | 0.7                        | ND                    |  |  |  |  |
| 1,1,2,2-Tetrachloroethane  |                 |                            | NR (75)               |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |  |  |  |  |
| Fluorene                   | 50              |                            |                       |  |  |  |  |
| Phenanthrene               | 50              |                            |                       |  |  |  |  |
| Anthracene                 | 50              |                            |                       |  |  |  |  |
| Dibenzofuran               | 50              |                            |                       |  |  |  |  |
| Total Phenols              | 1               | 1                          | ND                    |  |  |  |  |
| 4,4'-DDE                   | ND              |                            |                       |  |  |  |  |
| Arsenic                    | 25              | 25                         | 10                    |  |  |  |  |
| Cadmium                    | 10              | 10                         | ND                    |  |  |  |  |
| Chromium                   | 50              | 50                         | ND                    |  |  |  |  |
| Lead                       | 25              | 32                         | ND                    |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).



**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in ug/l)

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B4 (Downgradient) |         |         |         |          |            |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|------------|----------|---------|
|                            |                 |                            | 5/29/91 **            | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97    | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      |         |          | (ND)       |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND      |          | ND (ND)    | ND       | ND      |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND      |          | ND (ND)    | ND       | ND      |
| Chloroform                 | 100             |                            | ND                    | ND      | ND      |         |          | (ND)       |          |         |
| 2-Butanone                 |                 |                            |                       | ND      | ND      | ND      | ND       | ND         | ND       | ND      |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND (ND)    | ND       | ND      |
| Benzene                    | 0.7             | 2                          | 1                     | ND      | ND      | ND      | ND       | ND (ND)    | ND       | ND      |
| 1,1,2,2-Tetrachloroethane  |                 |                            |                       | NR      | NR      | NR      | NR       | NR         | NR       | NR      |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      |         |          |            |          |         |
| Fluorene                   | 50              |                            | ND                    | ND      | ND      |         |          |            |          |         |
| Phenanthrene               | 50              |                            | ND                    | ND      | ND      |         |          |            |          |         |
| Anthracene                 | 50              |                            | ND                    | ND      | ND      |         |          |            |          |         |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      |         |          |            |          |         |
| Total Phenols              | 1               | 1                          | ND                    | ND      | 8       | ND (ND) | ND       | 2 B        | ND       | ND      |
| 4,4'-DDE                   | ND              |                            | ND                    | ND      | ND      |         |          |            |          |         |
| Arsenic                    | 25              | 25                         | ND                    | ND      | ND      | ND      |          | ND (ND)    | ND       | ND      |
| Cadmium                    | 10              | 28                         | 14                    | ND      | ND      | ND      | ND       | ND (ND)    | ND       | ND      |
| Chromium                   | 50              | 178                        | 89                    | ND      | 1.1 B   |         | 20       | ND (8.9 B) | ND       | ND      |
| Lead                       | 25              | 52                         | 26                    | ND      | ND      | ND      | ND       | ND (ND)    | ND       | ND      |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former downgradient monitoring well OMW-B2.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

NR NOT REPORTED

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-A4 (Downgradient) |         |         |         |          |           |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-----------|----------|---------|
|                            |                 |                            | 5/30/91 **            | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97   | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      |         |          | (ND)      |          |         |
| 1,1-Dichloroethane         | 5               |                            | ND                    | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| 1,2-Dichloroethene (Total) | 5               |                            | ND                    | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| Chloroform                 | 100             |                            | ND                    | ND      | ND      |         |          | (ND)      |          |         |
| 2-Butanone                 |                 |                            |                       | ND      | ND      | ND      | ND       | ND        | ND       | ND      |
| 1,1,1-Trichloroethane      | 5               |                            | ND                    | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| Benzene                    | 0.7             |                            | ND                    | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| 1,1,2,2-Tetrachloroethane  |                 |                            |                       | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Fluorene                   | 50              |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Phenanthrene               | 50              |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Anthracene                 | 50              |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Total Phenols              | 1               |                            | ND                    | ND      | 19      | ND (ND) | ND       | ND        | ND       | ND      |
| 4,4'-DDE                   | ND              |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Arsenic                    | 25              |                            | 69                    | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| Cadmium                    | 10              |                            | 330                   | ND      | ND      | 22      | ND       | ND (ND)   | ND       | ND      |
| Chromium                   | 50              |                            | 365                   | 4.1 B   | ND      | 20      | ND       | ND (11.8) | ND       | 20.0    |
| Lead                       | 25              |                            | 46                    | ND      | ND      | ND      | ND       | ND (3.2)  | ND       | ND      |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former downgradient monitoring well OMW-2.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

NR NOT REPORTED

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW C5 (Downgradient) |         |         |         |          |           |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-----------|----------|---------|
|                            |                 |                            | 5/30/91               | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97   | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      |         |          | (ND)      |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| Chloroform                 | 100             |                            | ND                    | ND      | ND      |         |          | (ND)      |          |         |
| 2-Butanone                 |                 |                            |                       | ND      | ND      | ND      | ND       | ND(ND)    | ND       | ND      |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| Benzene                    | 0.7             | 0.7                        | ND                    | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| 1,1,2,2-Tetrachloroethane  |                 |                            |                       | ND      | ND      | ND      | ND       | ND        | ND       | ND      |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Fluorene                   | 50              |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Phenanthrene               | 50              |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Anthracene                 | 50              |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Total Phenols              | 1               | 1                          | ND                    | 5       | 16      | ND (ND) | ND (ND)  | ND        | ND       | ND      |
| 4,4'-DDE                   | ND              |                            | ND                    | ND      | ND      |         |          |           |          |         |
| Arsenic                    | 25              | 25                         | ND                    | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| Cadmium                    | 10              | 16                         | 8                     | ND      | ND      | ND      | ND       | ND (ND)   | ND       | ND      |
| Chromium                   | 50              | 66                         | 33                    | 2 B     | 2.8 B   | 20      | ND       | 24 (34.9) | ND       | 39.0    |
| Lead                       | 25              | 50                         | 25                    | 1.2 B   | 60.8 J  | ND      | ND       | 2 B (7.7) | ND       | ND      |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

0.004 (REPORTED) ON DUNLOP'S TABLE

NR NOT REPORTED

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW -C5 (Downgradient) |  |  |  |  |
|----------------------------|-----------------|----------------------------|------------------------|--|--|--|--|
|                            |                 |                            | 5/5/99                 |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            |                        |  |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND                     |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                     |  |  |  |  |
| Chloroform                 | 100             |                            |                        |  |  |  |  |
| 2-Butanone                 |                 |                            | ND                     |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                     |  |  |  |  |
| Benzene                    | 0.7             | 0.7                        | ND                     |  |  |  |  |
| 1,1,2,2-Tetrachloroethane  |                 |                            |                        |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                        |  |  |  |  |
| Fluorene                   | 50              |                            |                        |  |  |  |  |
| Phenanthrene               | 50              |                            |                        |  |  |  |  |
| Anthracene                 | 50              |                            |                        |  |  |  |  |
| Dibenzofuran               | 50              |                            |                        |  |  |  |  |
| Total Phenols              | 1               | 1                          | ND                     |  |  |  |  |
| 4,4'-DDE                   | ND              |                            |                        |  |  |  |  |
| Arsenic                    | 25              | 25                         | ND(ND)                 |  |  |  |  |
| Cadmium                    | 10              | 16                         | ND(1.46)               |  |  |  |  |
| Chromium                   | 50              | 66                         | 28(41.0)               |  |  |  |  |
| Lead                       | 25              | 50                         | 9(6.8)                 |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.  
\* Action levels are from the Long Term Monitoring Plan dated July 1994.  
G Guidance value.  
J Indicates the value is less than the sample quantification limit but greater than zero.  
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.  
ND Indicates the value is not detected.  
( ) Department split sample results.  
Shaded values equal or exceed groundwater standards or guidance values (ARARs).



**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-01 (Downgradient) |         |         |          |             |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|----------|-------------|----------|---------|
|                            |                 |                            | 5/16/95               | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97     | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      |         |          | (ND)        |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND       | ND (ND)     | ND       | ND      |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND       | ND (ND)     | ND       | ND      |
| Chloroform                 | 100             |                            | ND                    | ND      |         |          | (ND)        |          |         |
| 2-Butanone                 |                 |                            | ND                    | ND      | ND      | ND       | ND          | ND       | ND      |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND       | ND (ND)     | ND       | ND      |
| Benzene                    | 0.7             | 0.7                        | ND                    | ND      | ND      | ND       | ND (ND)     | ND       | ND      |
| 1,1,2,2-Tetrachloroethane  |                 |                            | ND                    | ND      | ND      | ND       | ND          | ND       | ND      |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      | ND       | ND          | ND       | ND      |
| Fluorene                   | 50              |                            | ND                    | ND      | ND      | ND       | ND          | ND       | ND      |
| Phenanthrene               | 50              |                            | ND                    | ND      | ND      | ND       | ND          | ND       | ND      |
| Anthracene                 | 50              |                            | ND                    | ND      | ND      | ND       | ND          | ND       | ND      |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      | ND       | ND          | ND       | ND      |
| Total Phenols              | 1               | 1                          | ND                    | 18      | ND (ND) | ND       | ND          | ND       | ND      |
| 4,4'-DDE                   | ND              |                            | ND                    | ND      |         |          |             |          |         |
| Arsenic                    | 25              | 25                         | ND                    | ND      | ND      | ND       | ND (ND)     | ND       | ND      |
| Cadmium                    | 10              | 10                         | 1.2 B                 | ND      | ND      | ND       | ND (ND)     | ND       | ND      |
| Chromium                   | 50              | 50                         | 1.6 B                 | 1.3 B   | 30      | ND       | 7 B (5.8 B) | ND       | 17.0    |
| Lead                       | 25              | 25                         | ND                    | ND      | ND      | ND       | 2 B (2.8 B) | ND       | ND      |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

NR NOT REPORTED. 1,1,2,2-TETRACHLOROETHANE NOT A LISTED PARAMETER IN DUNLOP'S TABLES.

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**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C7 (Downgradient) |  |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|
|                            |                 |                            | 5/5/99                |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            |                       |  |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND(ND)                |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND(ND)                |  |  |  |  |
| Chloroform                 | 100             |                            |                       |  |  |  |  |
| 2-Butanone                 |                 |                            | ND(ND)                |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND(ND)                |  |  |  |  |
| Benzene                    | 0.7             | 0.7                        | ND(ND)                |  |  |  |  |
| 1,1,2,2-Tetrachloroethane  |                 |                            |                       |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |  |  |  |  |
| Fluorene                   | 50              |                            |                       |  |  |  |  |
| Phenanthrene               | 50              |                            |                       |  |  |  |  |
| Anthracene                 | 50              |                            |                       |  |  |  |  |
| Dibenzofuran               | 50              |                            |                       |  |  |  |  |
| Total Phenols              | 1               | 1                          | ND                    |  |  |  |  |
| 4,4'-DDE                   | ND              |                            |                       |  |  |  |  |
| Arsenic                    | 25              | 25                         | 2(ND)                 |  |  |  |  |
| Cadmium                    | 10              | 10                         | ND(1.88)              |  |  |  |  |
| Chromium                   | 50              | 50                         | 46(3.1)               |  |  |  |  |
| Lead                       | 25              | 25                         | 2(5.7)                |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Table checked 8-27-99

For 4/25/97 - 6/10/98  
in ARARs  
in ARARs

**Table 1.**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-A4 (Downgradient) |         |         |         |           |          |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|-----------|----------|----------|---------|
|                            |                 |                            | 5/30/91 **            | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96  | 4/25/97  | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      |         |           | (ND) 10  |          |         |
| 1,1-Dichloroethane         | 5               |                            | ND                    | ND      | ND      | ND      | ND        | (ND) 10  | ND 10    | ND 10   |
| 1,2-Dichloroethene (Total) | 5               |                            | ND                    | ND      | ND      | ND      | ND        | (ND) 10  | ND 10    | ND 10   |
| Chloroform                 | 7               |                            | ND                    | ND      | ND      |         |           | (ND) 10  |          |         |
| 2-Butanone                 | 50              |                            | ND                    | ND      | ND      | ND      | ND        | ND 10    | ND 10    | ND 10   |
| 1,1,1-Trichloroethane      | 5               |                            | ND                    | ND      | ND      | ND      | ND        | (ND) 10  | ND 10    | ND 10   |
| Benzene                    | 1               |                            | ND                    | ND      | ND      | ND      | ND        | (ND) 10  | ND 10    | ND 10   |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      |         |           |          |          |         |
| Fluorene                   | 50 G            |                            | ND                    | ND      | ND      |         |           |          |          |         |
| Phenanthrene               | 50 G            |                            | ND                    | ND      | ND      |         |           |          |          |         |
| Anthracene                 | 50 G            |                            | ND                    | ND      | ND      |         |           |          |          |         |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      |         |           |          |          |         |
| Total Phenols              | 1               |                            | ND                    | ND      | 19.0    | ND (ND) | ND        | ND 10    | ND 10    | ND 10   |
| 4,4'-DDE                   | 0.2             |                            | ND                    | ND      | ND      |         |           |          |          |         |
| Arsenic                    | 25              |                            | 69.0                  | ND      | ND      | ND      | ND        | (ND) 10  | ND 10    | ND 10   |
| Cadmium                    | 5               |                            | 330.0                 | ND      | ND      | 22.0    | ND        | (ND) 10  | ND 10    | ND 10   |
| Chromium                   | 50              |                            | 365.0                 | 4.1 B   | ND      | 20.0    | ND (30.0) | (ND) 10  | ND 10    | 20.0    |
| Lead                       | 25              |                            | 46.0                  | ND      | ND      | ND      | ND        | (ND) 3.2 | ND 10    | ND 10   |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former downgradient monitoring well OMW-2.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).



**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-A4 (Downgradient) |                 |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|-----------------|--|--|--|
|                            |                 |                            | ✓ 5/5/99              | 5/5<br>5.0, 4.5 |  |  |  |
| 1,1-Dichloroethene         | 5               |                            |                       | ND (4.4)        |  |  |  |
| 1,1-Dichloroethane         | 5               |                            | ND (4.4)              | ND (4.4)        |  |  |  |
| 1,2-Dichloroethene (Total) | 5               |                            | ND (4.4)              | " "             |  |  |  |
| Chloroform                 | 7               |                            |                       | " "             |  |  |  |
| 2-Butanone                 | 50              |                            | ND (4.4)              | " "             |  |  |  |
| 1,1,1-Trichloroethane      | 5               |                            | ND (4.4)              | " "             |  |  |  |
| Benzene                    | 1               |                            | ND (4.4)              | " "             |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |                 |  |  |  |
| Fluorene                   | 50 G            |                            |                       |                 |  |  |  |
| Phenanthrene               | 50 G            |                            |                       |                 |  |  |  |
| Anthracene                 | 50 G            |                            |                       |                 |  |  |  |
| Dibenzofuran               | 50              |                            |                       |                 |  |  |  |
| Total Phenols              | 1               |                            | ND (4.4)              |                 |  |  |  |
| 4,4'-DDE                   | 0.2             |                            |                       |                 |  |  |  |
| Arsenic                    | 25              |                            | ND (4.9 B)            | 4.7 B           |  |  |  |
| Cadmium                    | 5               |                            | ND (4.4)              | 1.7 B           |  |  |  |
| Chromium                   | 50              |                            | ND (4.9 B)            | 4.7 B           |  |  |  |
| Lead                       | 25              |                            | ND (ND)               | ND (4.4)        |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former downgradient monitoring well OMW-2.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-A6 (Upgradient) |         |         |         |          |         |          |         |
|----------------------------|-----------------|----------------------------|---------------------|---------|---------|---------|----------|---------|----------|---------|
|                            |                 |                            | 5/30/91 **          | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97 | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | 5.0                 | ND      | ND      |         |          |         |          |         |
| 1,1-Dichloroethane         | 5               |                            | 17.0                | ND      | ND      |         |          |         |          |         |
| 1,2-Dichloroethene (Total) | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chloroform                 | 7               |                            | 0.6 J               | ND      | ND      |         |          |         |          |         |
| 2-Butanone                 | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1,1-Trichloroethane      | 5               |                            | 80.0                | ND      | ND      |         |          |         |          |         |
| Benzene                    | 1               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Acenaphthene               | 20 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Fluorene                   | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Phenanthrene               | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Anthracene                 | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Dibenzofuran               | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Total Phenols              | 1               |                            | ND                  | 8.0     | 12.0    | ND (ND) | ND       | 4.0     | 7.0      | ND (✓)  |
| 4,4'-DDE                   | 0.2             |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Arsenic                    | 25              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Cadmium                    | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chromium                   | 50              |                            | ND                  | 2.3 B   | 1.4 B   |         |          |         |          |         |
| Lead                       | 25              |                            | 25.0                | 3.9     | 4.4 J   |         |          |         |          |         |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former upgradient monitoring well OMW-A3.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in ug/l)

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B3 (Downgradient) |         |         |           |           |              |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|-----------|-----------|--------------|----------|---------|
|                            |                 |                            | 5/29/91               | 5/16/95 | 10/4/95 | 5/1/96    | 11/13/96  | 4/25/97      | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      | ND        |           | (ND) 10      |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND        | ND        | ND (ND) 10   | ND (10)  | ND (10) |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND        | ND        | ND (ND) 10   | ND (10)  | ND (10) |
| Chloroform                 | 7               |                            | ND                    | ND      | ND      | ND        |           | (ND) 10      | ND (10)  |         |
| 2-Butanone                 | 50              |                            | ND                    | ND      | ND      | ND        | ND        | ND (6)       | ND (10)  | ND (10) |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND        | ND        | ND (ND) 10   | ND (10)  | ND (10) |
| Benzene                    | 1               | 0.7                        | ND                    | ND      | ND      | ND        | ND        | ND (ND) 10   | ND (10)  | ND (10) |
| Acenaphthene               | 20 G            |                            | 2 J                   | 3 J     | 2 J     |           |           |              |          |         |
| Fluorene                   | 50 G            |                            | ND                    | 2 J     | 1 J     |           |           |              |          |         |
| Phenanthrene               | 50 G            |                            | ND                    | 3 J     | 0.3 J   |           |           |              |          |         |
| Anthracene                 | 50 G            |                            | ND                    | 0.7 J   | 0.2 J   |           |           |              |          |         |
| Dibenzofuran               | 50              |                            | ND                    | 1 J     | 0.6 J   |           |           |              |          |         |
| Total Phenols              | 1               | 1                          | ND                    | 5.0     | 17.0    | ND (ND)   | 4.0       | 2 B          | ND (10)  | ND (10) |
| 4,4'-DDE                   | 0.2             |                            | 0.12 J                | ND      | ND      |           |           |              |          |         |
| Arsenic                    | 25              | 25                         | 7 B                   | 2.2 B   | 8.1 B   | 6.0       | 10.0      | 14.0 15.6    | 14.0     | 4.0     |
| Cadmium                    | 5               | 10                         | ND                    | ND      | ND      | ND        | ND        | ND (ND) 1    | ND (10)  | ND (10) |
| Chromium                   | 50              | 50                         | ND                    | 1.6 B   | 5 B     | ND (30.0) | ND (30.0) | ND (8.2 B)   | ND (10)  | ND (10) |
| Lead                       | 25              | 32                         | 16.0                  | 3.1     | 15.3 J  | ND        | ND        | 1 B (ND) 2.2 | ND (10)  | ND (10) |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in ug/l)

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B3 (Downgradient) |         |         |         |        |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|--------|
|                            |                 |                            | ✓ 5/5/99              | 5/5/99  | 5/5/99  | 5/5/99  | 5/5/99 |
| 1,1-Dichloroethene         | 5               |                            |                       | ND (ic) | ND (ic) | ND (ic) |        |
| 1,1-Dichloroethane         | 5               | 5                          |                       | ND (ic) | ND (ic) | ND (ic) |        |
| 1,2-Dichloroethene (Total) | 5               | 5                          |                       | ND (ic) | ND (ic) | ND (ic) |        |
| Chloroform                 | 7               |                            |                       | ND (ic) | ND (ic) | ND (ic) |        |
| 2-Butanone                 | 50              |                            |                       | ND (ic) | ND (ic) | ND (ic) |        |
| 1,1,1-Trichloroethane      | 5               | 5                          |                       | ND (ic) | ND (ic) | ND (ic) |        |
| Benzene                    | 1               | 0.7                        |                       | ND (ic) | ND (ic) | ND (ic) |        |
| Acenaphthene               | 20 G            |                            |                       |         |         |         |        |
| Fluorene                   | 50 G            |                            |                       |         |         |         |        |
| Phenanthrene               | 50 G            |                            |                       |         |         |         |        |
| Anthracene                 | 50 G            |                            |                       |         |         |         |        |
| Dibenzofuran               | 50              |                            |                       |         |         |         |        |
| Total Phenols              | 1               | 1                          |                       | ND (ic) | ND (ic) | ND (ic) |        |
| 4,4'-DDE                   | 0.2             |                            |                       |         |         |         |        |
| Arsenic                    | 25              | 25                         |                       | 10.0    | 10.0    | 10.0    |        |
| Cadmium                    | 5               | 10                         |                       | ND (ic) | ND (ic) | ND (ic) |        |
| Chromium                   | 50              | 50                         |                       | ND (ic) | ND (ic) | ND (ic) |        |
| Lead                       | 25              | 32                         |                       | ND (ic) | ND (ic) | ND (ic) |        |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in ug/l)

| PARAMETER                  | ARAR + (ppb) | Action * Level (ppb) | OMW-B4 (Downgradient) |         |         |         |           |         |          |         |
|----------------------------|--------------|----------------------|-----------------------|---------|---------|---------|-----------|---------|----------|---------|
|                            |              |                      | 5/29/91 **            | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96  | 4/25/97 | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5            |                      | ND                    | ND      | ND      |         |           | (ND) 10 |          |         |
| 1,1-Dichloroethane         | 5            | 5                    | ND                    | ND      | ND      | ND      | ND        | (ND) 10 | ND (10)  | ND (10) |
| 1,2-Dichloroethene (Total) | 5            | 5                    | ND                    | ND      | ND      | ND      | ND        | (ND) 10 | ND (10)  | ND (10) |
| Chloroform                 | 7            |                      | ND                    | ND      | ND      |         |           | (ND) 10 | ND (10)  |         |
| 2-Butanone                 | 50           |                      | ND                    | ND      | ND      | ND      | ND        | ND (6)  | ND (6)   | ND (6)  |
| 1,1,1-Trichloroethane      | 5            | 5                    | ND                    | ND      | ND      | ND      | ND        | (ND) 10 | ND (10)  | ND (10) |
| Benzene                    | 1            | 2                    | 1.0                   | ND      | ND      | ND      | ND        | (ND) 10 | ND (10)  | ND (10) |
| Acenaphthene               | 20 G         |                      | ND                    | ND      | ND      |         |           |         |          |         |
| Fluorene                   | 50 G         |                      | ND                    | ND      | ND      |         |           |         |          |         |
| Phenanthrene               | 50 G         |                      | ND                    | ND      | ND      |         |           |         |          |         |
| Anthracene                 | 50 G         |                      | ND                    | ND      | ND      |         |           |         |          |         |
| Dibenzofuran               | 50           |                      | ND                    | ND      | ND      |         |           |         |          |         |
| Total Phenols              | 1            | 1                    | ND                    | ND      | 8.0     | ND (ND) | ND        | 2 B     | ND (4)   | ND (4)  |
| 4,4'-DDE                   | 0.2          |                      | ND                    | ND      | ND      |         |           |         |          |         |
| Arsenic                    | 25           | 25                   | ND                    | ND      | ND      | ND      | ND        | (ND) 10 | ND (10)  | ND (10) |
| Cadmium                    | 5            | 28                   | 14.0                  | ND      | ND      | ND      | ND        | (ND) 10 | ND (10)  | ND (10) |
| Chromium                   | 50           | 178                  | 89.0                  | ND      | 1.1 B   | 20.0    | ND (30.0) | (ND) 10 | ND (14)  | ND (14) |
| Lead                       | 25           | 52                   | 26.0                  | ND      | ND      | ND      | ND        | (ND) 10 | ND (2)   | ND (2)  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former downgradient monitoring well OMW-B2.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).



**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
 (All results in ug/l)

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B4 (Downgradient) |         |         |         |        |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|--------|
|                            |                 |                            | 5/5/99 ✓              | 5/5/99  | 5/5/99  | 5/5/99  | 5/5/99 |
| 1,1-Dichloroethene         | 5               |                            |                       | ND (10) | ND (10) | ND (10) |        |
| 1,1-Dichloroethane         | 5               | 5                          |                       | ND (10) | ND (10) | ND (10) |        |
| 1,2-Dichloroethene (Total) | 5               | 5                          |                       | ND (10) | ND (10) | ND (10) |        |
| Chloroform                 | 7               |                            |                       |         |         |         |        |
| 2-Butanone                 | 50              |                            |                       | ND (10) | ND (10) | ND (10) |        |
| 1,1,1-Trichloroethane      | 5               | 5                          |                       | ND (10) | ND (10) | ND (10) |        |
| Benzene                    | 1               | 2                          |                       | ND (10) | ND (10) | ND (10) |        |
| Acenaphthene               | 20 G            |                            |                       |         |         |         |        |
| Fluorene                   | 50 G            |                            |                       |         |         |         |        |
| Phenanthrene               | 50 G            |                            |                       |         |         |         |        |
| Anthracene                 | 50 G            |                            |                       |         |         |         |        |
| Dibenzofuran               | 50              |                            |                       |         |         |         |        |
| Total Phenols              | 1               | 1                          | ND (4)                |         |         |         |        |
| 4,4'-DDE                   | 0.2             |                            |                       |         |         |         |        |
| Arsenic                    | 25              | 25                         | ✓ 2.0                 |         |         |         |        |
| Cadmium                    | 5               | 28                         | ND (10)               |         |         |         |        |
| Chromium                   | 50              | 178                        | ND (14)               |         |         |         |        |
| Lead                       | 25              | 52                         | ✓ 3.0                 |         |         |         |        |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former downgradient monitoring well OMW-B2.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).



**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C1 (Upgradient) |         |         |         |          |         |          |         |
|----------------------------|-----------------|----------------------------|---------------------|---------|---------|---------|----------|---------|----------|---------|
|                            |                 |                            | 5/29/91             | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97 | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1-Dichloroethane         | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,2-Dichloroethene (Total) | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chloroform                 | 7               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 2-Butanone                 | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1,1-Trichloroethane      | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Benzene                    | 1               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Acenaphthene               | 20 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Fluorene                   | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Phenanthrene               | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Anthracene                 | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Dibenzofuran               | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Total Phenols              | 1               |                            | ND                  | ND      | 15.0    | ND (ND) | ND       | ND (2)  | ND (4)   | ND (4)  |
| 4,4'-DDE                   | 0.2             |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Arsenic                    | 25              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Cadmium                    | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chromium                   | 50              |                            | ND                  | 6.6 B   | 2.1 B   |         |          |         |          |         |
| Lead                       | 25              |                            | 14.0                | ND      | ND      |         |          |         |          |         |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C5 (Downgradient) |         |         |         |           |           |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|-----------|-----------|----------|---------|
|                            |                 |                            | 5/30/91               | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96  | 4/25/97   | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      |         |           | (ND) 10   |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND      |           | (ND) 10   | ND (10)  | ND (10) |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND      |           | (ND) 10   | ND (10)  | ND (10) |
| Chloroform                 | 7               |                            | ND                    | ND      | ND      |         |           | (ND) 10   | ND (10)  |         |
| 2-Butanone                 | 50              |                            | ND                    | ND      | ND      | ND      |           | ND (6)    | ND (10)  | ND (10) |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND      |           | (ND) 10   | ND (10)  | ND (10) |
| Benzene                    | 1               | 0.7                        | ND                    | ND      | ND      | ND      |           | (ND) 10   | ND (10)  | ND (10) |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      |         |           |           |          |         |
| Fluorene                   | 50 G            |                            | ND                    | ND      | ND      |         |           |           |          |         |
| Phenanthrene               | 50 G            |                            | ND                    | ND      | ND      |         |           |           |          |         |
| Anthracene                 | 50 G            |                            | ND                    | ND      | ND      |         |           |           |          |         |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      |         |           |           |          |         |
| Total Phenols              | 1               | 1                          | ND                    | 5.0     | 16.0    | ND (ND) | (4.0) OK  | ND (2)    | ND (4)   | ND (4)  |
| 4,4'-DDE                   | 0.2             |                            | ND                    | ND      | ND      |         |           |           |          |         |
| Arsenic                    | 25              | 25                         | ND                    | ND      | ND      | ND      |           | (ND) 10   | ND (2)   | ND (2)  |
| Cadmium                    | 5               | 16                         | 8.0                   | ND      | ND      | ND      |           | (ND) 10   | ND (10)  | ND (10) |
| Chromium                   | 50              | 66                         | 33.0                  | 2 B     | 2.8 B   | 20.0    | (ND) 30.0 | 24 (34.9) | 17.0     | 39.0    |
| Lead                       | 25              | 50                         | 25.0                  | 1.2 B   | 60.8 J  | ND      |           | 2 B (7.7) | 7.0      | ND (2)  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C5 (Downgradient) |             |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|-------------|--|--|--|
|                            |                 |                            | ✓ 5/5/99              | 5/5<br>5/99 |  |  |  |
| 1,1-Dichloroethene         | 5               |                            |                       | ND (LC)     |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND (LC)               | " "         |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND (LC)               | " "         |  |  |  |
| Chloroform                 | 7               |                            |                       | " "         |  |  |  |
| 2-Butanone                 | 50              |                            | ND (LC)               | " "         |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND (LC)               | " "         |  |  |  |
| Benzene                    | 1               | 0.7                        | ND (LC)               | " "         |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |             |  |  |  |
| Fluorene                   | 50 G            |                            |                       |             |  |  |  |
| Phenanthrene               | 50 G            |                            |                       |             |  |  |  |
| Anthracene                 | 50 G            |                            |                       |             |  |  |  |
| Dibenzofuran               | 50              |                            |                       |             |  |  |  |
| Total Phenols              | 1               | 1                          | ND (LC)               |             |  |  |  |
| 4,4'-DDE                   | 0.2             |                            |                       |             |  |  |  |
| Arsenic                    | 25              | 25                         | ND (ND)               | ND (LC)     |  |  |  |
| Cadmium                    | 5               | 16                         | ND (1.4 B)            | 1.4 B       |  |  |  |
| Chromium                   | 50              | 66                         | 28.0 (21.0)           | 21.0        |  |  |  |
| Lead                       | 25              | 50                         | 9.0 (6.8)             | 6.8         |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| PARAMETER                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C7 (Downgradient) |         |         |         |           |             |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|-----------|-------------|----------|---------|
|                            |                 |                            | 5/29/91 **            | 5/16/95 | 10/4/95 | 5/1/96  | 11/13/96  | 4/25/97     | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            |                       | ND      | ND      |         |           | (ND) 12     |          |         |
| 1,1-Dichloroethane         | 5               | 5                          |                       | ND      | ND      |         | ND        | ND (ND) 12  | ND (12)  | ND (12) |
| 1,2-Dichloroethene (Total) | 5               | 5                          |                       | ND      | ND      |         | ND        | ND (ND) 12  | ND (12)  | ND (12) |
| Chloroform                 | 7               |                            |                       | ND      | ND      |         |           | (ND) 12     |          |         |
| 2-Butanone                 | 50              |                            |                       | ND      | ND      |         | ND        | ND (6)      | ND (6)   | ND (6)  |
| 1,1,1-Trichloroethane      | 5               | 5                          |                       | ND      | ND      |         | ND        | ND (ND) 12  | ND (12)  | ND (12) |
| Benzene                    | 1               | 0.7                        |                       | ND      | ND      |         | ND        | ND (ND) 12  | ND (12)  | ND (12) |
| Acenaphthene               | 20 G            |                            |                       | ND      | ND      |         |           |             |          |         |
| Fluorene                   | 50 G            |                            |                       | ND      | ND      |         |           |             |          |         |
| Phenanthrene               | 50 G            |                            |                       | ND      | ND      |         |           |             |          |         |
| Anthracene                 | 50 G            |                            |                       | ND      | ND      |         |           |             |          |         |
| Dibenzofuran               | 50              |                            |                       | ND      | ND      |         |           |             |          |         |
| Total Phenols              | 1               | 1                          |                       | ND      | 18.0    | ND (ND) | ND        | ND (2)      | ND (4)   | ND (4)  |
| 4,4'-DDE                   | 0.2             |                            |                       | ND      | ND      |         |           | 5           |          |         |
| Arsenic                    | 25              | 25                         |                       | ND      | ND      |         | ND        | ND (ND) 1   | ND (2)   | ND (2)  |
| Cadmium                    | 5               | 10                         |                       | 1.2 B   | ND      |         | ND        | ND (ND) 1   | ND (12)  | ND (12) |
| Chromium                   | 50              | 50                         |                       | 1.6 B   | 1.3 B   | 30.0    | ND (30.0) | 7 B (5.8 B) | ND (4)   | 17 B 0  |
| Lead                       | 25              | 25                         |                       | ND      | ND      |         | ND        | 2 B (2.8 B) | ND (2)   | ND (2)  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Well not installed at this date.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected.

( ) Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Table checked 8-29-99

**Table 1.**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
(All results in ug/l)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-A4 (Downgradient) |         |         |         |          |                 |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-----------------|----------|---------|
|                            |                 |                            | 5/30/91 **            | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97         | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 1,1-Dichloroethane         | 5               |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,2-Dichloroethene (Total) | 5               |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Chloroform                 | 7               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 2-Butanone                 | 50              |                            | ND                    | ND      | ND      | ND      | ND       | ND(6) [ND(10)]  | ND(10)   | ND(10)  |
| 1,1,1-Trichloroethane      | 5               |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Benzene                    | 1               |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Fluorene                   | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Phenanthrene               | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Anthracene                 | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Total Phenols              | 1               |                            | ND                    | ND      | 19.0    | ND [ND] | ND       | ND(4)           | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Arsenic                    | 25              |                            | 69.0                  | ND      | ND      | ND      | ND       | ND(5) [ND(6.1)] | ND(2)    | ND(2)   |
| Cadmium                    | 5               |                            | 330.0                 | ND      | ND      | 22.0    | ND       | ND(10) [ND(1)]  | ND(16)   | ND(16)  |
| Chromium                   | 50              |                            | 365.0                 | 4.1 B   | ND      | 20.0    | ND       | ND(10) [11.8]   | ND(14)   | 20.0    |
| Lead                       | 25              |                            | 46.0                  | ND      | ND      | ND      | ND       | ND(5) [3.2]     | ND(2)    | ND(2)   |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former downgradient monitoring well OMW-2.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, if known.

| | Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

Blanks indicate that the compound was not analyzed for.

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| Parameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-A4 (Downgradient) |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |                            | 5/5/99                |  |  |  |  |  |
| 1,1-Dichloroethene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5               |                            | [ND(10)]              |  |  |  |  |  |
| 1,1-Dichloroethane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5               |                            | ND(10) [ND(10)]       |  |  |  |  |  |
| 1,2-Dichloroethene (Total)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5               |                            | ND(10) [ND(10)]       |  |  |  |  |  |
| Chloroform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7               |                            | [ND(10)]              |  |  |  |  |  |
| 2-Butanone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50              |                            | ND(10) [ND(10)]       |  |  |  |  |  |
| 1,1,1-Trichloroethane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5               |                            | ND(10) [ND(10)]       |  |  |  |  |  |
| Benzene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1               |                            | ND(10) [ND(10)]       |  |  |  |  |  |
| Acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20 G            |                            |                       |  |  |  |  |  |
| Fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50 G            |                            |                       |  |  |  |  |  |
| Phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 50 G            |                            |                       |  |  |  |  |  |
| Anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50 G            |                            |                       |  |  |  |  |  |
| Dibenzofuran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 50              |                            |                       |  |  |  |  |  |
| Total Phenols                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1               |                            | ND(4)                 |  |  |  |  |  |
| 4,4'-DDE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.2             |                            |                       |  |  |  |  |  |
| Arsenic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 25              |                            | 9.0 [4.9 B]           |  |  |  |  |  |
| Cadmium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5               |                            | ND(16) [1.7 B]        |  |  |  |  |  |
| Chromium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50              |                            | ND(14) [4.9 B]        |  |  |  |  |  |
| Lead                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 25              |                            | 4.0 [ND(2)]           |  |  |  |  |  |
| + NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.<br>* Action levels are from the Long Term Monitoring Plan dated July 1994.<br><del>Results from former downgradient monitoring well OMW-2.</del><br>G Guidance value.<br>B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.<br>ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses.<br>[ ] Department split sample results.<br>Shaded values equal or exceed groundwater standards or guidance values (ARARs). |                 |                            |                       |  |  |  |  |  |



**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-A6 (Upgradient) |         |         |         |          |         |          |         |
|----------------------------|-----------------|----------------------------|---------------------|---------|---------|---------|----------|---------|----------|---------|
|                            |                 |                            | 5/30/91 **          | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97 | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | 5.0                 | ND      | ND      |         |          |         |          |         |
| 1,1-Dichloroethane         | 5               |                            | 17.0                | ND      | ND      |         |          |         |          |         |
| 1,2-Dichloroethene (Total) | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chloroform                 | 7               |                            | 0.6 J               | ND      | ND      |         |          |         |          |         |
| 2-Butanone                 | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1,1-Trichloroethane      | 5               |                            | 80.0                | ND      | ND      |         |          |         |          |         |
| Benzene                    | 1               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Acenaphthene               | 20 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Fluorene                   | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Phenanthrene               | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Anthracene                 | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Dibenzofuran               | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Total Phenols              | 1               |                            | ND                  | 8.0     | 12.0    | ND [ND] | ND       | 4.0     | 7.0      | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Arsenic                    | 25              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Cadmium                    | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chromium                   | 50              |                            | ND                  | 2.3 B   | 1.4 B   |         |          |         |          |         |
| Lead                       | 25              |                            | 25.0                | 3.9     | 4.4 J   |         |          |         |          |         |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former upgradient monitoring well OMW-A3.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses.

| Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

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**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B3 (Downgradient) |         |         |        |          |                 |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|--------|----------|-----------------|----------|---------|
|                            |                 |                            | 5/29/91               | 5/16/95 | 10/4/95 | 5/1/96 | 11/13/96 | 4/25/97         | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      | ND     |          | [ND(10)]        |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND     | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND     | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Chloroform                 | 7               |                            | ND                    | ND      | ND      | ND     |          | [ND(10)]        |          |         |
| 2-Butanone                 | 50              |                            | ND                    | ND      | ND      | ND     | ND       | ND(6) [ND(10)]  | ND(10)   | ND(10)  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND     | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Benzene                    | 1               | 0.7                        | ND                    | ND      | ND      | ND     | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Acenaphthene               | 20 G            |                            | 2 J                   | 3 J     | 2 J     |        |          |                 |          |         |
| Fluorene                   | 50 G            |                            | ND                    | 2 J     | 1 J     |        |          |                 |          |         |
| Phenanthrene               | 50 G            |                            | ND                    | 3 J     | 0.3 J   |        |          |                 |          |         |
| Anthracene                 | 50 G            |                            | ND                    | 0.7 J   | 0.2 J   |        |          |                 |          |         |
| Dibenzofuran               | 50              |                            | ND                    | 1 J     | 0.6 J   |        |          |                 |          |         |
| Total Phenols              | 1               | 1                          | ND                    | 5.0     | 17.0    | ND[ND] | 4.0      | 2 B             | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | 0.12 J                | ND      | ND      |        |          |                 |          |         |
| Arsenic                    | 25              | 25                         | 7 B                   | 2.2 B   | 8.1 B   | 6.0    | 10.0     | 14.0 [15.6]     | 14.0     | 4.0     |
| Cadmium                    | 5               | 10                         | ND                    | ND      | ND      | ND     | ND       | ND(10) [ND(1)]  | ND(16)   | ND(16)  |
| Chromium                   | 50              | 50                         | ND                    | 1.6 B   | 5 B     | ND     | ND       | ND(10) [8.2 B]  | ND(14)   | ND(14)  |
| Lead                       | 25              | 32                         | 16.0                  | 3.1     | 15.3 J  | ND     | ND       | 1 B [ND(2.2)]   | ND(2)    | ND(2)   |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses.

[ ] Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

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**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B3 (Downgradient) |  |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|
|                            |                 |                            | 5/5/99                |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            | [ND(10)]              |  |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Chloroform                 | 7               |                            | [ND(10)]              |  |  |  |  |
| 2-Butanone                 | 50              |                            | ND(10) [6-J]          |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Benzene                    | 1               | 0.7                        | ND(10) [ND(10)]       |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |  |  |  |  |
| Fluorene                   | 50 G            |                            |                       |  |  |  |  |
| Phenanthrene               | 50 G            |                            |                       |  |  |  |  |
| Anthracene                 | 50 G            |                            |                       |  |  |  |  |
| Dibenzofuran               | 50              |                            |                       |  |  |  |  |
| Total Phenols              | 1               | 1                          | ND(4)                 |  |  |  |  |
| 4,4'-DDE                   | 0.2             |                            |                       |  |  |  |  |
| Arsenic                    | 25              | 25                         | 10.0 [9.9 B]          |  |  |  |  |
| Cadmium                    | 5               | 10                         | ND(16) [2.4 B]        |  |  |  |  |
| Chromium                   | 50              | 50                         | ND(14) [5.5 B]        |  |  |  |  |
| Lead                       | 25              | 32                         | ND(2) [3.4]           |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses.

[ ] Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B4 (Downgradient) |         |         |         |          |                 |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-----------------|----------|---------|
|                            |                 |                            | 5/29/91 **            | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97         | 10/30/97 | 6/10/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Chloroform                 | 7               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 2-Butanone                 | 50              |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Benzene                    | 1               | 2                          | 1.0                   | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Fluorene                   | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Phenanthrene               | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Anthracene                 | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Total Phenols              | 1               | 1                          | ND                    | ND      | 8.0     | ND [ND] | ND       | 2 B             | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Arsenic                    | 25              | 25                         | ND                    | ND      | ND      | ND      | ND       | ND(5) [ND(6.1)] | ND(2)    | ND(2)   |
| Cadmium                    | 5               | 28                         | 14.0                  | ND      | ND      | ND      | ND       | ND(10) [ND(1)]  | ND(16)   | ND(16)  |
| Chromium                   | 50              | 178                        | 89.0                  | ND      | 1.1 B   | 20.0    | ND       | ND(10) [8.9 B]  | ND(14)   | ND(14)  |
| Lead                       | 25              | 52                         | 26.0                  | ND      | ND      | ND      | ND       | ND(5) [ND(2.2)] | ND(2)    | ND(2)   |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former downgradient monitoring well OMW-B2.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses.

[ ] Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

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**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-B4 (Downgradient) |  |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|
|                            |                 |                            | 5/5/99                |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            | [ND(10)]              |  |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Chloroform                 | 7               |                            | [ND(10)]              |  |  |  |  |
| 2-Butanone                 | 50              |                            | ND(10) [ND(10)]       |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Benzene                    | 1               | 2                          | ND(10) [ND(10)]       |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |  |  |  |  |
| Fluorene                   | 50 G            |                            |                       |  |  |  |  |
| Phenanthrene               | 50 G            |                            |                       |  |  |  |  |
| Anthracene                 | 50 G            |                            |                       |  |  |  |  |
| Dibenzofuran               | 50              |                            |                       |  |  |  |  |
| Total Phenols              | 1               | 1                          | ND(4)                 |  |  |  |  |
| 4,4'-DDE                   | 0.2             |                            |                       |  |  |  |  |
| Arsenic                    | 25              | 25                         | 2.0 [ND(3)]           |  |  |  |  |
| Cadmium                    | 5               | 28                         | ND(16) [1.2 B]        |  |  |  |  |
| Chromium                   | 50              | 178                        | ND(14) [2.2 B]        |  |  |  |  |
| Lead                       | 25              | 52                         | 3.0 [2.9 B]           |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* ~~Results from former downgradient monitoring well OMW-B2.~~

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses.

[ ] Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C1 (Upgradient) |         |         |         |          |         |          |         |
|----------------------------|-----------------|----------------------------|---------------------|---------|---------|---------|----------|---------|----------|---------|
|                            |                 |                            | 5/29/91             | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97 | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1-Dichloroethane         | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,2-Dichloroethene (Total) | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chloroform                 | 7               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 2-Butanone                 | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| 1,1,1-Trichloroethane      | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Benzene                    | 1               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Acenaphthene               | 20 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Fluorene                   | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Phenanthrene               | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Anthracene                 | 50 G            |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Dibenzofuran               | 50              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Total Phenols              | 1               |                            | ND                  | ND      | 15.0    | ND [ND] | ND       | ND(4)   | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Arsenic                    | 25              |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Cadmium                    | 5               |                            | ND                  | ND      | ND      |         |          |         |          |         |
| Chromium                   | 50              |                            | ND                  | 6.6 B   | 2.1 B   |         |          |         |          |         |
| Lead                       | 25              |                            | 14.0                | ND      | ND      |         |          |         |          |         |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses, *if known*

| | Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

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**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C5 (Downgradient) |         |         |         |          |                 |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-----------------|----------|---------|
|                            |                 |                            | 5/30/91               | 4/28/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97         | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 1,1-Dichloroethane         | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Chloroform                 | 7               |                            | ND                    | ND      | ND      |         |          | [ND(10)]        |          |         |
| 2-Butanone                 | 50              |                            | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Benzene                    | 1               | 0.7                        | ND                    | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Acenaphthene               | 20 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Fluorene                   | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Phenanthrene               | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Anthracene                 | 50 G            |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Dibenzofuran               | 50              |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Total Phenols              | 1               | 1                          | ND                    | 5.0     | 16.0    | ND [ND] | 4.0      | ND(4)           | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            | ND                    | ND      | ND      |         |          |                 |          |         |
| Arsenic                    | 25              | 25                         | ND                    | ND      | ND      | ND      | ND       | ND(5) [ND(6.1)] | ND(2)    | ND(2)   |
| Cadmium                    | 5               | 16                         | 8.0                   | ND      | ND      | ND      | ND       | ND(10) [ND(1)]  | ND(16)   | ND(16)  |
| Chromium                   | 50              | 66                         | 33.0                  | 2 B     | 2.8 B   | 20.0    | ND       | 24.0 [34.9]     | 17.0     | 39.0    |
| Lead                       | 25              | 50                         | 25.0                  | 1.2 B   | 60.8 J  | ND      | ND       | 2 B [7.7]       | 7.0      | ND(2)   |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses.

| | Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

*Blanks...*

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C5 (Downgradient) |  |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|
|                            |                 |                            | 5/5/99                |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            | [ND(10)]              |  |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Chloroform                 | 7               |                            | [ND(10)]              |  |  |  |  |
| 2-Butanone                 | 50              |                            | ND(10) [ND(10)]       |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |
| Benzene                    | 1               | 0.7                        | ND(10) [ND(10)]       |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |  |  |  |  |
| Fluorene                   | 50 G            |                            |                       |  |  |  |  |
| Phenanthrene               | 50 G            |                            |                       |  |  |  |  |
| Anthracene                 | 50 G            |                            |                       |  |  |  |  |
| Dibenzofuran               | 50              |                            |                       |  |  |  |  |
| Total Phenols              | 1               | 1                          | ND(4)                 |  |  |  |  |
| 4,4'-DDE                   | 0.2             |                            |                       |  |  |  |  |
| Arsenic                    | 25              | 25                         | ND(2) [ND(3)]         |  |  |  |  |
| Cadmium                    | 5               | 16                         | ND(16) [1.4 B]        |  |  |  |  |
| Chromium                   | 50              | 66                         | 28.0 [21.0]           |  |  |  |  |
| Lead                       | 25              | 50                         | 9.0 [6.8]             |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses.

[ ] Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C7 (Downgradient) |         |         |         |          |                 |          |         |
|----------------------------|-----------------|----------------------------|-----------------------|---------|---------|---------|----------|-----------------|----------|---------|
|                            |                 |                            | 5/29/91 **            | 5/16/95 | 10/4/95 | 5/1/96  | 11/13/96 | 4/25/97         | 10/30/97 | 6/11/98 |
| 1,1-Dichloroethene         | 5               |                            |                       | ND      | ND      |         |          | [ND(10)]        |          |         |
| 1,1-Dichloroethane         | 5               | 5                          |                       | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,2-Dichloroethene (Total) | 5               | 5                          |                       | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Chloroform                 | 7               |                            |                       | ND      | ND      |         |          | [ND(10)]        |          |         |
| 2-Butanone                 | 50              |                            |                       | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| 1,1,1-Trichloroethane      | 5               | 5                          |                       | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Benzene                    | 1               | 0.7                        |                       | ND      | ND      | ND      | ND       | ND(10) [ND(10)] | ND(10)   | ND(10)  |
| Acenaphthene               | 20 G            |                            |                       | ND      | ND      |         |          |                 |          |         |
| Fluorene                   | 50 G            |                            |                       | ND      | ND      |         |          |                 |          |         |
| Phenanthrene               | 50 G            |                            |                       | ND      | ND      |         |          |                 |          |         |
| Anthracene                 | 50 G            |                            |                       | ND      | ND      |         |          |                 |          |         |
| Dibenzofuran               | 50              |                            |                       | ND      | ND      |         |          |                 |          |         |
| Total Phenols              | 1               | 1                          |                       | ND      | 18.0    | ND [ND] | ND       | ND(4)           | ND(4)    | ND(4)   |
| 4,4'-DDE                   | 0.2             |                            |                       | ND      | ND      |         |          |                 |          |         |
| Arsenic                    | 25              | 25                         |                       | ND      | ND      | ND      | ND       | ND(5) [ND(6.1)] | ND(2)    | ND(2)   |
| Cadmium                    | 5               | 10                         |                       | 1.2 B   | ND      | ND      | ND       | ND(10) [ND(1)]  | ND(16)   | ND(16)  |
| Chromium                   | 50              | 50                         |                       | 1.6 B   | 1.3 B   | 30.0    | ND       | 7 B (5.8 B)     | ND(14)   | 17.0    |
| Lead                       | 25              | 25                         |                       | ND      | ND      | ND      | ND       | 2 B (2.8 B)     | ND(2)    | ND(2)   |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Well not installed at this date.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses.

[ ] Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).

*Blank...*

**Table 1 (Continued).**  
**Summary of Groundwater Analytical Results at the Dunlop Tire Corporation Site.**  
**(All results in ug/l)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level<br>(ppb) | OMW-C7 (Downgradient) |  |  |  |  |  |
|----------------------------|-----------------|----------------------------|-----------------------|--|--|--|--|--|
|                            |                 |                            | 5/5/99                |  |  |  |  |  |
| 1,1-Dichloroethene         | 5               |                            | [ND(10)]              |  |  |  |  |  |
| 1,1-Dichloroethane         | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |  |
| 1,2-Dichloroethene (Total) | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |  |
| Chloroform                 | 7               |                            | [ND(10)]              |  |  |  |  |  |
| 2-Butanone                 | 50              |                            | ND(10) [ND(10)]       |  |  |  |  |  |
| 1,1,1-Trichloroethane      | 5               | 5                          | ND(10) [ND(10)]       |  |  |  |  |  |
| Benzene                    | 1               | 0.7                        | ND(10) [ND(10)]       |  |  |  |  |  |
| Acenaphthene               | 20 G            |                            |                       |  |  |  |  |  |
| Fluorene                   | 50 G            |                            |                       |  |  |  |  |  |
| Phenanthrene               | 50 G            |                            |                       |  |  |  |  |  |
| Anthracene                 | 50 G            |                            |                       |  |  |  |  |  |
| Dibenzofuran               | 50              |                            |                       |  |  |  |  |  |
| Total Phenols              | 1               | 1                          | ND(4)                 |  |  |  |  |  |
| 4,4'-DDE                   | 0.2             |                            |                       |  |  |  |  |  |
| Arsenic                    | 25              | 25                         | 2.0 [ND(3)]           |  |  |  |  |  |
| Cadmium                    | 5               | 10                         | ND(16) [1.8 B]        |  |  |  |  |  |
| Chromium                   | 50              | 50                         | 46.0 [63.1]           |  |  |  |  |  |
| Lead                       | 25              | 25                         | 2.0 [5.7]             |  |  |  |  |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

G Guidance value.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

ND Indicates the value is not detected at the practical quantifiable or quantification limit in parentheses.

[ ] Department split sample results.

Shaded values equal or exceed groundwater standards or guidance values (ARARs).



EXCELLENCE THROUGH TEAMWORK

RECEIVED

JUN 03 1999

NYSDEC - REG. 9

X REL. 7/1/99

June 1, 1999

Glen May  
NYS Dept. of Environmental Conservation  
270 Michigan Ave.  
Buffalo, NY 14203-2999

Dear Mr. May:

Attached find the analytical results of the groundwater samples taken on May 5, 1999, of our three inactive landfill sites following the requested reporting format.

Analytical results continue to confirm that closure of the three inactive landfills have effectively eliminated the migration of organic contaminants.

Request a copy of the analyticals from your laboratory, run on the split samples taken on the above date.

Should any further information be required, call me at 879-8536.

Respectfully,

A handwritten signature in cursive script, appearing to read 'Daniel T. Parshall'.

Daniel T. Parshall

Energy/Environmental Eng.

CC: M. Kaczynski  
D. Pyanowski

RECEIVED

JUN 03 1999

NYSDOL REG. 9  
FOIL  
REL UNREL

DUNLOP TIRE

ENVIRONMENTAL MONITORING OF INACTIVE  
WASTE SITES 915018 A, B, AND C

MAY 1999

Prepared By:



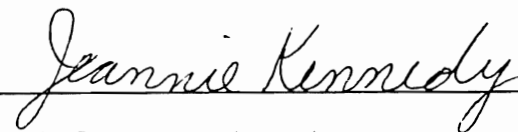
*"A Company Dedicated to Honesty, Quality and Service"*

May 25, 1999  
REF: GMU91Q5/CLOS  
Lab ID No. 10233

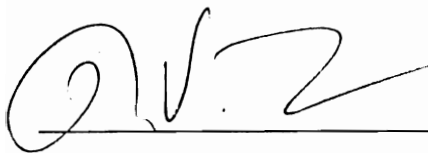


QA/QC VERIFICATION FOR PROJECT ID 91Q5

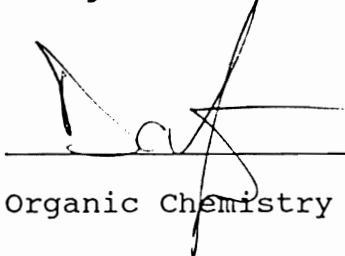
The following report, as well as the supporting data, have been carefully reviewed for accuracy, adherence to the cited methods, and completeness. All data contained in this report was generated in accordance with the AES Laboratory Quality Assurance/Quality Control Program.



Metals Department



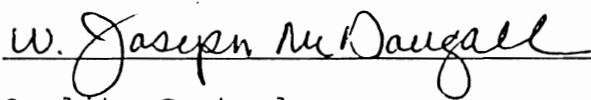
Inorganic Chemistry



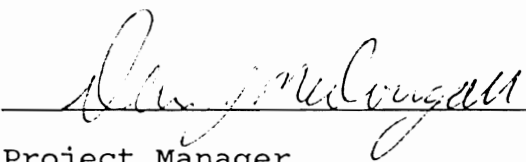
Organic Chemistry



Field Services



Quality Control



Project Manager

All 'Total' results on soil matrices are calculated on a dry weight basis, unless otherwise noted. Analyses noted as 'Performed in the laboratory' require immediate testing and should be performed in the field.

The following are standard abbreviations:

BQL - Below Quantifiable Limits  
ND - None Detected  
NG - No Growth of Colonies  
NR - Not Requested  
D - Indicates a dilution was required

*Advanced Environmental Services, Inc.*

2186 Liberty Drive  
Niagara Falls, New York 14304  
(716) 283-3120

**QUARTERLY GROUNDWATER MONITORING - FIELD PARAMETER INFORMATION**

May 5, 1999

**Dunlop Tire**

Tonawanda, New York

AES Code: GMU

Project I.D. # 91Q5

| Monitoring Well I.D. | Evacuation Date | Monitoring Well Diameter | Water Level (ft.) | Bottom of Well (ft.) | Volume of Standing Water (gallons) | Volume of Evacuated Water (gallons) | Recharge Rate |
|----------------------|-----------------|--------------------------|-------------------|----------------------|------------------------------------|-------------------------------------|---------------|
| C - 1                | N/R             | 2                        | N/A               | 19.52                | N/A                                | N/A                                 | S             |
| C - 5                | 5/5/1999        | 2                        | 5.65              | 29.55                | 3.89                               | 9.5(DRY)                            | R             |
| C - 7                | 5/5/1999        | 2                        | 8.98              | 23.45                | 2.36                               | 4.0(DRY)                            | S             |
| OMW - A4             | 5/5/1999        | 2                        | 7.43              | 25.65                | 2.97                               | 8.0(DRY)                            | R             |
| OMW - A6             | N/R             | 2                        | N/A               | 23.05                | N/A                                | N/A                                 | S             |
| OMW - B3             | 5/5/1999        | 2                        | 5.38              | 17.17                | 1.92                               | 5.25(DRY)                           | S             |
| OMW - B4             | 5/5/1999        | 2                        | 5.42              | 22.47                | 2.78                               | 5.75(DRY)                           | S             |

Abbreviations:

VS = Very Slow ----- Recharge Rate longer than 24 hr period.

S = Slow ----- Recharge Rate within 24 hr period.

R = Rapid ----- Recharge Rate within 1 hr period.

C = Continuous ---- Recharge Rate immediate.

N/R=Not required this event

The Blind Duplicate Site is C5

  
Field Technician      5/10/99      Date

Advanced Environmental Services, Inc.  
Groundwater Monitoring Field Log

Site Information

Site Location: DUNLOP

AES Job Code: GMU

Address: TENAWANDA

Project I.D. #:

Monitoring Location: CS

Was Well Locked? ☒ Yes ☐ No

Was Well I.D. Easily Visible? ☒ Yes ☐ No

Physical Condition of Well: GOOD

Water Table Information

Elevation Taken From: ☒ Inner Casing ☐ Outer Casing ☐ Other:

Depth of Well Bottom (A): 29.55 feet

Depth of Watertable (B): 5.65 feet

Length of Water Column [A-B=C]: 23.9 feet

Diameter of Well (D): 2 inches

Volume of Water in Well: 3.89 gallons

Well Coefficient: .163

Purging Information

Method of Purging: PERKINBAI

Purge Date:

Weather During Purging: SUNNY 75°F

Volume of water in well:

HNU Background:

HNU in Well:

Purge Start Time: 11:45 AM

Purge Stop Time: 12:20 PM

Volume of Water Purged: 9.5 gallons

Number of Well Volumes Purged: 2

Solids Content: ☐ None ☐ Low ☐ Medium ☐ High

Did the well go dry before the purging was completed: ☒ Yes ☐ No

Was there an odor?: ☐ Yes ☒ No If Yes, describe: \_\_\_\_\_

Observations about Purge Water (i.e. color, types of solids):

clear → cloudy

| Groundwater Indicators        | After 1 Volume | After 2 Volumes | After 3 Volumes | After 4 Volumes | After 5 Volumes |
|-------------------------------|----------------|-----------------|-----------------|-----------------|-----------------|
| pH (SU)                       | <u>7.27</u>    | <u>7.29</u>     |                 |                 |                 |
| Spec. Conductivity (umhos/cm) | <u>1810</u>    | <u>1810</u>     |                 |                 |                 |
| Temperature (F)               | <u>57°</u>     | <u>58°</u>      |                 |                 |                 |
| Turbidity (NTU)               | <u>127</u>     | <u>228</u>      |                 |                 |                 |
| Eh (ORP) (Millivolts)         |                |                 |                 |                 |                 |

Purging Technicians Signature: Lulu Zung

Date: 5/5/99

Advanced Environmental Services, Inc.  
Groundwater Monitoring Field Log

Site Information

Site Location: DUN-OP

AES Job Code:

Address: TONAWANDA

Project I.D. #:

Monitoring Location: C7

Was Well Locked? ☐ Yes ☐ No

Was Well I.D. Easily Visible? ☐ Yes ☐ No

Physical Condition of Well:

Water Table Information

Elevation Taken From: ☒ Inner Casing ☐ Outer Casing ☐ Other:

Depth of Well Bottom (A): 23.45 feet

Depth of Watertable (B): 8.98 feet

Length of Water Column [A-B=C]: 14.47 feet

Diameter of Well (D): 2 inches

Volume of Water in Well: 2.36 gallons

Well Coefficient: 163

Purging Information

Method of Purging: BAILER

Purge Date: 5/5/99

Weather During Purging: Sun 75°

Volume of water in well: 2.36

HNU Background:

HNU in Well:

Purge Start Time: 12:30 PM

Purge Stop Time: 1:00 PM

Volume of Water Purged: 4.0 gallons

Number of Well Volumes Purged: 1

Solids Content: ☒ None ☐ Low ☐ Medium ☐ High

Did the well go dry before the purging was completed: ☒ Yes ☐ No

Was there an odor?: ☐ Yes ☒ No If Yes, describe:

Observations about Purge Water (i.e. color, types of solids):

Clear → Cloudy

| Groundwater Indicators       | After 1 Volume | After 2 Volumes | After 3 Volumes | After 4 Volumes | After 5 Volumes |
|------------------------------|----------------|-----------------|-----------------|-----------------|-----------------|
| pH (SU)                      | <u>7.2</u>     |                 |                 |                 |                 |
| Spec Conductivity (umhos/cm) | <u>2100</u>    |                 |                 |                 |                 |
| Temperature (F)              | <u>56</u>      |                 |                 |                 |                 |
| Turbidity (NTU)              | <u>369</u>     |                 |                 |                 |                 |
| Eh (ORP) (Millivolts)        |                |                 |                 |                 |                 |

Purging Technicians Signature: [Signature]

Date: 5/5/99

Advanced Environmental Services, Inc.  
Groundwater Monitoring Field Log

Site Information

Site Location: DUNLOP

AES Job Code:

Address: TONAWANDA

Project I.D. #:

Monitoring Location: A4

Was Well Locked? ☒ Yes ☐ No

Was Well I.D. Easily Visible? ☒ Yes ☐ No

Physical Condition of Well: GOOD

Water Table Information

Elevation Taken From: ☒ Inner Casing ☐ Outer Casing ☐ Other:

Depth of Well Bottom (A): 25.65 feet

Depth of Watertable (B): 7.43 feet

Length of Water Column [A-B=C]: 18.22 feet

Diameter of Well (D): 2 inches

Volume of Water in Well: 2.97 gallons

Well Coefficient: .163

Purging Information

Method of Purging: TEFLON BAILEY

Purge Date: 5/5/99

Weather During Purging: SUNNY 72°

Volume of water in well: 2.97

HNU Background:

HNU in Well:

Purge Start Time: 10.45 AM

Purge Stop Time: 11.25 AM

Volume of Water Purged: 8.0 gallons

Number of Well Volumes Purged: 2

Solids Content: ☐ None ☒ Low ☐ Medium ☐ High

Did the well go dry before the purging was completed: ☐ Yes ☐ No

Was there an odor?: ☐ Yes ☒ No If Yes, describe: Clear -> Cloudy

Observations about Purge Water (i.e. color, types of solids):

| Groundwater Indicators        | After 1 Volume | After 2 Volumes | After 3 Volumes | After 4 Volumes | After 5 Volumes |
|-------------------------------|----------------|-----------------|-----------------|-----------------|-----------------|
| pH (SU)                       | <u>7.09</u>    | <u>7.11</u>     |                 |                 |                 |
| Spec. Conductivity (umhos/cm) | <u>2950</u>    | <u>3400</u>     |                 |                 |                 |
| Temperature (F)               | <u>56°</u>     | <u>57</u>       |                 |                 |                 |
| Turbidity (NTU)               | <u>291</u>     | <u>1030</u>     |                 |                 |                 |
| Eh (ORP) (Millivolts)         |                |                 |                 |                 |                 |

Purging Technicians Signature: [Signature]

Date: 5/5/99

Sampling Statistics:

Monitoring Location: B3

Sample Number:

Sampling Time: 1:35 PM

Sampling Date: 5/5/99

Depth of Watertable: 13.80 feet

Weather during Sampling: SUNNY 78°F

Method of Sampling: TEFLON BAILEY

Solids Content: ☒ None ☐ Low ☐ Medium ☐ High

Did the sample have an odor?: ☒ Yes ☐ No If Yes, describe: SO<sub>2</sub>

Did the well go dry during sampling: ☐ Yes ☒ No

Sample Observations/Comments (i.e. color, types of solid):

| Groundwater Indicator | Units          | Results     | Groundwater Indicator | Units      | Results     |
|-----------------------|----------------|-------------|-----------------------|------------|-------------|
| pH                    | Standard Units | <u>5.63</u> | Turbidity             | NTU        | <u>70.3</u> |
| Temperature           | F              | <u>59°</u>  | Eh (ORP)              | millivolts |             |
| Specific Conductivity | umhos/cm       | <u>1520</u> | Dissolved Oxygen      | ppm        |             |

Filter Time: 4:10 PM

Parameter(s) Collected

- |                                                                        |                                                                         |                                                       |
|------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Total Metals                                  | <input type="checkbox"/> Total Recoverable Phenols                      | <input type="checkbox"/> Ammonia                      |
| <input type="checkbox"/> Nitrate                                       | <input type="checkbox"/> COD                                            | <input type="checkbox"/> TDS                          |
| <input type="checkbox"/> Total Organic Carbon (TOC)                    | <input type="checkbox"/> Chlorides                                      | <input type="checkbox"/> Alkalinity                   |
| <input type="checkbox"/> Hardness                                      | <input type="checkbox"/> Sulfate                                        | <input type="checkbox"/> BOD                          |
| <input type="checkbox"/> Cyanide(s)                                    | <input type="checkbox"/> FKN                                            | <input type="checkbox"/> Soluble Metals               |
| <input type="checkbox"/> Nitrite                                       | <input type="checkbox"/> Total Hexachrome                               | <input type="checkbox"/> Soluble Hexachrome           |
| <input type="checkbox"/> Apparent Color                                | <input type="checkbox"/> True Color                                     | <input type="checkbox"/> Odor                         |
| <input type="checkbox"/> Bromide                                       | <input type="checkbox"/> Sulfite                                        | <input type="checkbox"/> Sulfide                      |
| <input type="checkbox"/> Part 360 Baseline Volatiles                   | <input type="checkbox"/> Volatile Organics (601, 602)                   | <input type="checkbox"/> Semi-Volatile Organics       |
| <input type="checkbox"/> Purgeable Organic Halogens                    | <input type="checkbox"/> Pesticides & PCBs                              | <input type="checkbox"/> Total Organic Halogens (TOX) |
| <input type="checkbox"/> App 33-Non-Halogenated Volatiles (SW846 8015) | <input type="checkbox"/> App 33- Semi-Volatiles (SW 846 8270)           |                                                       |
| <input type="checkbox"/> App 33-Organochlorine Pesticides (SW846 8080) | <input type="checkbox"/> App 33-Organophosphate Pesticides (SW846 8140) |                                                       |
| <input type="checkbox"/> App 33-Volatiles (SW846 8240)                 | <input type="checkbox"/> App 33-Herbicides (SW 846 8150)                |                                                       |

Sampling Technicians Signature: John Zing

Date: 5/5/99

Sampling Technicians Signature:

Date:



Advanced Environmental Services, Inc.  
Groundwater Monitoring Field Log

Site Information

Site Location: DUNLOP

AES Job Code: 6MU

Address: TERAWANDA

Project I.D. #:

Monitoring Location: 54

Was Well Locked? ☒ Yes ☐ No

Was Well I.D. Easily Visible? ☒ Yes ☐ No

Physical Condition of Well: GOOD

Water Table Information

Elevation Taken From: ☒ Inner Casing ☐ Outer Casing ☐ Other:

Depth of Well Bottom (A): 22.47 feet

Depth of Watertable (B): 5.42 feet

Length of Water Column (A-B=C): 17.05 feet

Diameter of Well (D): 2 inches

Volume of Water in Well: 2.78 gallons

Well Coefficient: 0.163

Purging Information

Method of Purging: TEFLOW BAILEY

Purge Date: 5/5/99

Weather During Purging: SUNNY 70°F

Volume of water in well: 2.78

HNU Background:

HNU in Well:

Purge Start Time: 9.35 AM

Purge Stop Time: 10.00 AM

Volume of Water Purged: 5.75 gallons

Number of Well Volumes Purged: 2

Solids Content: ☐ None ☒ Low ☐ Medium ☐ High

Did the well go dry before the purging was completed: ☒ Yes ☐ No

Was there an odor? ☐ Yes ☐ No If Yes, describe:

Observations about Purge Water (i.e. color, types of solids):

clear → cloudy

| Groundwater Indicators       | After 1 Volume | After 2 Volumes | After 3 Volumes | After 4 Volumes | After 5 Volumes |
|------------------------------|----------------|-----------------|-----------------|-----------------|-----------------|
| pH (SU)                      | 7.25           | 7.36            |                 |                 |                 |
| Spec Conductivity (umhos/cm) | 2100           | 2600            |                 |                 |                 |
| Temperature (F)              | 55°            | 55°             |                 |                 |                 |
| Turbidity (NTU)              | 92.9           | 411             |                 |                 |                 |
| Eh (ORP) (Millivolts)        |                |                 |                 |                 |                 |

Purging Technicians Signature:

*John T. Long*

Date:

5/5/99

CLIENT: Dunlop Tire  
SAMPLE ID: OMW-C7  
COLLECTION METHOD: Grab  
COLLECTION DATE(S): 05/05/99  
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP  
AES SAMPLE ID: 91Q5-3

PROJECT ID: 91Q5

| Analytical Parameters        | Analytical Results | Units | Practical Quantifiable Limit | Method      |
|------------------------------|--------------------|-------|------------------------------|-------------|
| 1,1-Dichloroethane           | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,1,1-Trichloroethane        | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,2-Dichloroethylene (total) | ND                 | µg/L  | 10                           | SW 846 8260 |
| Benzene                      | ND                 | µg/L  | 10                           | SW 846 8260 |
| 2-Butanone                   | ND                 | µg/L  | 10                           | SW 846 8260 |
| Total Recoverable Phenolics  | ND                 | mg/L  | 0.004                        | EPA 9066    |
| Total Arsenic                | 0.002              | mg/L  | 0.002                        | EPA 206.2   |
| Soluble Arsenic              | ND                 | mg/L  | 0.005                        | EPA 206.2   |
| Total Cadmium                | ND                 | mg/L  | 0.016                        | EPA 200.7   |
| Soluble Cadmium              | ND                 | mg/L  | 0.016                        | EPA 200.7   |
| Total Chromium               | 0.046              | mg/L  | 0.014                        | EPA 200.7   |
| Soluble Chromium             | ND                 | mg/L  | 0.014                        | EPA 200.7   |
| Total Lead                   | 0.002              | mg/L  | 0.002                        | EPA 239.2   |
| Soluble Lead                 | ND                 | mg/L  | 0.002                        | EPA 239.2   |
| Turbidity *                  | 73.8               | NTU   | 0.1                          | EPA 180.1   |

\* Analysis performed in the field.

CLIENT: Dunlop Tire  
SAMPLE ID: OMW-C5  
COLLECTION METHOD: Grab  
COLLECTION DATE(S): 05/05/99  
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP  
AES SAMPLE ID: 91Q5-4

PROJECT ID: 91Q5

| Analytical<br>Parameters     | Analytical<br>Results | Units | Practical<br>Quantifiable<br>Limit | Method      |
|------------------------------|-----------------------|-------|------------------------------------|-------------|
| 1,1-Dichloroethane           | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 1,1,1-Trichloroethane        | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 1,2-Dichloroethylene (total) | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Benzene                      | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 2-Butanone                   | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Total Recoverable Phenolics  | ND                    | mg/L  | 0.004                              | EPA 9066    |
| Total Arsenic                | ND                    | mg/L  | 0.002                              | EPA 206.2   |
| Total Cadmium                | ND                    | mg/L  | 0.016                              | EPA 200.7   |
| Total Chromium               | 0.028                 | mg/L  | 0.014                              | EPA 200.7   |
| Total Lead                   | 0.009                 | mg/L  | 0.002                              | EPA 239.2   |
| Turbidity *                  | 6.8                   | NTU   | 0.1                                | EPA 180.1   |

\* Analysis performed in the field.

CLIENT: Dunlop Tire  
SAMPLE ID: OMW-A4  
COLLECTION METHOD: Grab  
COLLECTION DATE(S): 05/05/99  
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP  
AES SAMPLE ID: 9105-5

PROJECT ID: 9105

| Analytical<br>Parameters     | Analytical<br>Results | Units | Practical<br>Quantifiable<br>Limit | Method      |
|------------------------------|-----------------------|-------|------------------------------------|-------------|
| 1,1-Dichloroethane           | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 1,1,1-Trichloroethane        | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 1,2-Dichloroethylene (total) | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Benzene                      | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 2-Butanone                   | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Total Recoverable Phenolics  | ND                    | mg/L  | 0.004                              | EPA 9066    |
| Total Arsenic                | 0.009                 | mg/L  | 0.002                              | EPA 206.2   |
| Total Cadmium                | ND                    | mg/L  | 0.016                              | EPA 200.7   |
| Total Chromium               | ND                    | mg/L  | 0.014                              | EPA 200.7   |
| Total Lead                   | 0.004                 | mg/L  | 0.002                              | EPA 239.2   |
| Turbidity *                  | 36.2                  | NTU   | 0.1                                | EPA 180.1   |

\* Analysis performed in the field.

CLIENT: Dunlop Tire  
SAMPLE ID: OMW-B4  
COLLECTION METHOD: Grab  
COLLECTION DATE(S): 05/05/99  
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP  
AES SAMPLE ID: 91Q5-6

PROJECT ID: 91Q5

| Analytical Parameters        | Analytical Results | Units | Practical Quantifiable Limit | Method      |
|------------------------------|--------------------|-------|------------------------------|-------------|
| 1,1-Dichloroethane           | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,1,1-Trichloroethane        | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,2-Dichloroethylene (total) | ND                 | µg/L  | 10                           | SW 846 8260 |
| Benzene                      | ND                 | µg/L  | 10                           | SW 846 8260 |
| 2-Butanone                   | ND                 | µg/L  | 10                           | SW 846 8260 |
| Total Recoverable Phenolics  | ND                 | mg/L  | 0.004                        | EPA 9066    |
| Total Arsenic                | 0.002              | mg/L  | 0.002                        | EPA 206.2   |
| Total Cadmium                | ND                 | mg/L  | 0.016                        | EPA 200.7   |
| Total Chromium               | ND                 | mg/L  | 0.014                        | EPA 200.7   |
| Total Lead                   | 0.003              | mg/L  | 0.002                        | EPA 239.2   |
| Turbidity *                  | 2.29               | NTU   | 0.1                          | EPA 180.1   |

\* Analysis performed in the field.

CLIENT: Dunlop Tire  
 SAMPLE ID: OMW-B3  
 COLLECTION METHOD: Grab  
 COLLECTION DATE(S): 05/05/99  
 SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP  
 AES SAMPLE ID: 91Q5-7

PROJECT ID: 91Q5

| Analytical Parameters        | Analytical Results | Units | Practical Quantifiable Limit | Method      |
|------------------------------|--------------------|-------|------------------------------|-------------|
| 1,1-Dichloroethane           | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,1,1-Trichloroethane        | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,2-Dichloroethylene (total) | ND                 | µg/L  | 10                           | SW 846 8260 |
| Benzene                      | ND                 | µg/L  | 10                           | SW 846 8260 |
| 2-Butanone                   | ND                 | µg/L  | 10                           | SW 846 8260 |
| Total Recoverable Phenolics  | ND                 | mg/L  | 0.004                        | EPA 9066    |
| Total Arsenic                | 0.010              | mg/L  | 0.002                        | EPA 206.2   |
| Soluble Arsenic              | ND                 | mg/L  | 0.005                        | EPA 206.2   |
| Total Cadmium                | ND                 | mg/L  | 0.016                        | EPA 200.7   |
| Soluble Cadmium              | ND                 | mg/L  | 0.016                        | EPA 200.7   |
| Total Chromium               | ND                 | mg/L  | 0.014                        | EPA 200.7   |
| Soluble Chromium             | ND                 | mg/L  | 0.014                        | EPA 200.7   |
| Total Lead                   | ND                 | mg/L  | 0.002                        | EPA 239.2   |
| Soluble Lead                 | ND                 | mg/L  | 0.002                        | EPA 239.2   |
| Turbidity *                  | 70.3               | NTU   | 0.1                          | EPA 180.1   |

\* Analysis performed in the field.

CLIENT: Dunlop Tire  
SAMPLE ID: Blind Duplicate Site is C-5  
COLLECTION METHOD: Grab  
COLLECTION DATE(S): 05/05/99  
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP  
AES SAMPLE ID: 91Q5-8

PROJECT ID: 91Q5

| Analytical<br>Parameters     | Analytical<br>Results | Units | Practical<br>Quantifiable<br>Limit | Method      |
|------------------------------|-----------------------|-------|------------------------------------|-------------|
| 1,1-Dichloroethane           | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 1,1,1-Trichloroethane        | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 1,2-Dichloroethylene (total) | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Benzene                      | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 2-Butanone                   | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Total Recoverable Phenolics  | ND                    | mg/L  | 0.004                              | EPA 9066    |
| Total Arsenic                | ND                    | mg/L  | 0.002                              | EPA 206.2   |
| Total Cadmium                | ND                    | mg/L  | 0.016                              | EPA 200.7   |
| Total Chromium               | 0.035                 | mg/L  | 0.014                              | EPA 200.7   |
| Total Lead                   | 0.010                 | mg/L  | 0.002                              | EPA 239.2   |



CLIENT: Dunlop Tire  
 SAMPLE ID: Trip Blank  
 COLLECTION METHOD:  
 COLLECTION DATE(S): 05/05/99  
 SAMPLE TYPE: DI Water

AES CLIENT ID: DUNLOP  
 AES SAMPLE ID: 91Q5-9

PROJECT ID: 91Q5

| Analytical Parameters        | Analytical Results | Units | Practical Quantifiable Limit | Method      |
|------------------------------|--------------------|-------|------------------------------|-------------|
| Chloromethane                | ND                 | µg/L  | 10                           | SW 846 8260 |
| Bromomethane                 | ND                 | µg/L  | 10                           | SW 846 8260 |
| Vinyl chloride               | ND                 | µg/L  | 10                           | SW 846 8260 |
| Chloroethane                 | ND                 | µg/L  | 10                           | SW 846 8260 |
| Methylene chloride           | ND                 | µg/L  | 10                           | SW 846 8260 |
| Acetone                      | ND                 | µg/L  | 20                           | SW 846 8260 |
| Carbon disulfide             | ND                 | µg/L  | 20                           | SW 846 8260 |
| 1,1-Dichloroethene           | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,1-Dichloroethane           | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,2-Dichloroethylene (total) | ND                 | µg/L  | 10                           | SW 846 8260 |
| Chloroform                   | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,2-Dichloroethane           | ND                 | µg/L  | 10                           | SW 846 8260 |
| 2-Butanone                   | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,1,1-Trichloroethane        | ND                 | µg/L  | 10                           | SW 846 8260 |
| Carbon tetrachloride         | ND                 | µg/L  | 10                           | SW 846 8260 |
| Bromodichloromethane         | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,2-Dichloropropane          | ND                 | µg/L  | 10                           | SW 846 8260 |
| cis-1,3-Dichloropropene      | ND                 | µg/L  | 10                           | SW 846 8260 |
| Trichloroethene              | ND                 | µg/L  | 10                           | SW 846 8260 |
| Chlorodibromomethane         | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,1,2-Trichloroethane        | ND                 | µg/L  | 10                           | SW 846 8260 |
| Benzene                      | ND                 | µg/L  | 10                           | SW 846 8260 |
| trans-1,3-Dichloropropene    | ND                 | µg/L  | 10                           | SW 846 8260 |
| Bromoform                    | ND                 | µg/L  | 10                           | SW 846 8260 |
| 4-Methyl-2-pentanone         | ND                 | µg/L  | 20                           | SW 846 8260 |
| 2-Hexanone                   | ND                 | µg/L  | 20                           | SW 846 8260 |
| Tetrachloroethene            | ND                 | µg/L  | 10                           | SW 846 8260 |
| Toluene                      | ND                 | µg/L  | 10                           | SW 846 8260 |
| 1,1,2,2-Tetrachloroethane    | ND                 | µg/L  | 10                           | SW 846 8260 |

CLIENT: Dunlop Tire  
SAMPLE ID: METHOD BLANK  
COLLECTION METHOD:  
COLLECTION DATE(S):  
SAMPLE TYPE:

AES CLIENT ID: DUNLOP

PROJECT ID: 91Q5

| Analytical<br>Parameters  | Analytical<br>Results | Units | Practical<br>Quantifiable<br>Limit | Method      |
|---------------------------|-----------------------|-------|------------------------------------|-------------|
| Chlorodibromomethane      | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 1,1,2-Trichloroethane     | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Benzene                   | ND                    | µg/L  | 10                                 | SW 846 8260 |
| trans-1,3-Dichloropropene | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Bromoform                 | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 4-Methyl-2-pentanone      | ND                    | µg/L  | 20                                 | SW 846 8260 |
| 2-Hexanone                | ND                    | µg/L  | 20                                 | SW 846 8260 |
| Tetrachloroethene         | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Toluene                   | ND                    | µg/L  | 10                                 | SW 846 8260 |
| 1,1,2,2-Tetrachloroethane | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Chlorobenzene             | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Ethylbenzene              | ND                    | µg/L  | 10                                 | SW 846 8260 |
| Styrene                   | ND                    | µg/L  | 10                                 | SW 846 8260 |
| o-Xylene                  | ND                    | µg/L  | 10                                 | SW 846 8260 |
| m/p-Xylene                | ND                    | µg/L  | 10                                 | SW 846 8260 |

**Table 1**  
**Summary of Groundwater Analytical Results - Detected Compounds**  
(All results in ug/L)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level | OMW-C7 |          |         |          |         |        |  |
|----------------------------|-----------------|-------------------|--------|----------|---------|----------|---------|--------|--|
|                            |                 |                   | 5/1/96 | 11/13/96 | 4/25/97 | 10/30/97 | 6/11/98 | 5/5/99 |  |
| 1,1-Dichloroethene         | 5               |                   |        |          |         |          |         |        |  |
| 1,1-Dichloroethane         | 5               |                   | U      | U        | U       | U        | U       | U      |  |
| 1,2-Dichloroethene (Total) | 5               |                   | U      | U        | U       | U        | U       | U      |  |
| Chloroform                 | 100             |                   |        |          |         |          |         |        |  |
| 1,1,1-Trichloroethane      | 5               |                   | U      | U        | U       | U        | U       | U      |  |
| Benzene                    | 0.7             |                   | U      | U        | U       | U        | U       | U      |  |
| 2-Butanone                 | N               |                   | U      | U        | U       | U        | U       | U      |  |
| Acenaphthene               | 20G             |                   |        |          |         |          |         |        |  |
| Fluorene                   | 50              |                   |        |          |         |          |         |        |  |
| Pnenanthrene               | 50              |                   |        |          |         |          |         |        |  |
| Anthracene                 | 50              |                   |        |          |         |          |         |        |  |
| Dibenzofuran               | 50              |                   |        |          |         |          |         |        |  |
| Total Phenols              | 1               |                   | U      | U        | U       | U        | U       | U      |  |
| 4,4'-DDE                   | ND              |                   |        |          |         |          |         |        |  |
| Arsenic                    | 25              |                   | U      | U        | U       | U        | U       | 2      |  |
| Cadmium                    | 10              |                   | U      | U        | U       | U        | U       | U      |  |
| Chromium                   | 50              |                   | 30     | U        | 7 B     | U        | 17 B    | 46     |  |
| Lead                       | 25              |                   | U      | U        | 2 B     | U        | U       | 2      |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.  
 \* Action levels are from the Long Term Monitoring Plan dated July 1994.  
 \*\* Results from former upgradient monitoring well OMW-A3  
 G Guidance value.  
 J Indicates the value is less than the sample quantification limit but greater than zero.  
 B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.  
 U Indicates the value is not detected.

**Table 1**  
**Summary of Groundwater Analytical Results - Detected Compounds**  
**(All results in ug/L)**

[illegible]

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

Results from former upgradient monitoring well OMW-A3

**G** Guidance value.

**J** Indicates the value is less than the sample quantification limit but greater than zero.

**J** Indicates the value is less than the sample quantification limit but greater than zero.

**B** Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

B || Indicates the value is less than the  
|| Indicates the value is not detected

**Table 1**  
**Summary of Groundwater Analytical Results - Detected Compounds**  
(All results in ug/L)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level | OMW-C5 |          |         |          |         |        |  |
|----------------------------|-----------------|-------------------|--------|----------|---------|----------|---------|--------|--|
|                            |                 |                   | 5/1/96 | 11/13/96 | 4/25/97 | 10/30/97 | 6/11/98 | 5/5/99 |  |
| 1,1-Dichloroethene         | 5               |                   |        |          |         |          |         |        |  |
| 1,1-Dichloroethane         | 5               |                   | U      | U        | U       | U        | U       | U      |  |
| 1,2-Dichloroethene (Total) | 5               |                   | U      | U        | U       | U        | U       | U      |  |
| Chloroform                 | 100             |                   |        |          |         |          |         |        |  |
| 1,1,1-Trichloroethane      | 5               |                   | U      | U        | U       | U        | U       | U      |  |
| Benzene                    | 0.7             |                   | U      | U        | U       | U        | U       | U      |  |
| 2-Butanone                 | N               |                   | U      | U        | U       | U        | U       | U      |  |
| Acenaphthene               | 20G             |                   |        |          |         |          |         |        |  |
| Fluorene                   | 50              |                   |        |          |         |          |         |        |  |
| Pnenanthrene               | 50              |                   |        |          |         |          |         |        |  |
| Anthracene                 | 50              |                   |        |          |         |          |         |        |  |
| Dibenzofuran               | 50              |                   |        |          |         |          |         |        |  |
| Total Phenols              | 1               |                   | U      | 4        | U       | U        | U       | U      |  |
| 4,4'-DDE                   | ND              |                   |        |          |         |          |         |        |  |
| Arsenic                    | 25              |                   | U      | U        | U       | U        | U       | U      |  |
| Cadmium                    | 10              |                   | U      | U        | U       | U        | U       | U      |  |
| Chromium                   | 50              |                   | 20     | U        | 24      | 17       | 39      | 28     |  |
| Lead                       | 25              |                   | U      | U        | 2 B     | 7        | U       | 9      |  |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former upgradient monitoring well OMW-A3

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

U Indicates the value is not detected.

**Table 1**  
**Summary of Groundwater Analytical Results - Detected Compounds**  
(All results in ug/L)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level | OMW-A4 (DOWNGRADIANT) |         |         |        |          |         |          |         |        |
|----------------------------|-----------------|-------------------|-----------------------|---------|---------|--------|----------|---------|----------|---------|--------|
|                            |                 |                   | 5/30/91 **            | 4/28/95 | 10/4/95 | 5/1/96 | 11/13/96 | 4/25/97 | 10/30/97 | 6/10/98 | 5/5/99 |
| 1,1-Dichloroethene         | 5               |                   |                       |         |         |        |          |         |          |         |        |
| 1,1-Dichloroethane         | 5               |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| 1,2-Dichloroethene (Total) | 5               |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| Chloroform                 | 100             |                   |                       |         |         |        |          |         |          |         |        |
| 1,1,1-Trichloroethane      | 5               |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| Benzene                    | 0.7             |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| 2-Butanone                 | N               |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| Acenaphthene               | 20G             |                   |                       |         |         |        |          |         |          |         |        |
| Fluorene                   | 50              |                   |                       |         |         |        |          |         |          |         |        |
| Pnenanthrene               | 50              |                   |                       |         |         |        |          |         |          |         |        |
| Anthracene                 | 50              |                   |                       |         |         |        |          |         |          |         |        |
| Dibenzofuran               | 50              |                   |                       |         |         |        |          |         |          |         |        |
| Total Phenols              | 1               |                   |                       |         | 19      | U      | U        | U       | U        | U       | U      |
| 4,4'-DDE                   | ND              |                   |                       |         |         |        |          |         |          |         |        |
| Arsenic                    | 25              |                   | 69                    |         |         | U      | U        | U       | U        | U       | 9      |
| Cadmium                    | 10              |                   | 330                   |         |         | 22     | U        | U       | U        | U       | U      |
| Chromium                   | 50              |                   | 365                   | 4.1 B   |         | 20     | U        | U       | U        | 20      | 4      |
| Lead                       | 25              |                   | 46                    |         |         | U      | U        | U       | U        | U       | 2      |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former upgradient monitoring well OMW-A3

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

U Indicates the value is not detected.

**Table 1**  
**Summary of Groundwater Analytical Results - Detected Compounds**  
(All results in ug/L)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level | OMW-B4 (DOWNGRADIANT) |         |         |        |          |         |          |         |        |
|----------------------------|-----------------|-------------------|-----------------------|---------|---------|--------|----------|---------|----------|---------|--------|
|                            |                 |                   | 5/29/91 **            | 4/28/95 | 10/4/95 | 5/1/96 | 11/13/96 | 4/25/97 | 10/30/97 | 6/10/98 | 5/5/99 |
| 1,1-Dichloroethene         | 5               |                   |                       |         |         |        |          |         |          |         |        |
| 1,1-Dichloroethane         | 5               | 5                 |                       |         |         | U      | U        | U       | U        | U       | U      |
| 1,2-Dichloroethene (Total) | 5               | 5                 |                       |         |         | U      | U        | U       | U        | U       | U      |
| Chloroform                 | 100             |                   |                       |         |         |        |          |         |          |         |        |
| 1,1,1-Trichloroethane      | 5               | 5                 |                       |         |         | U      | U        | U       | U        | U       | U      |
| Benzene                    | 0.7             | 2                 | 1                     |         |         | U      | U        | U       | U        | U       | U      |
| 2-Butanone                 | N               |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| Acenaphthene               | 20G             |                   |                       |         |         |        |          |         |          |         |        |
| Fluorene                   | 50              |                   |                       |         |         |        |          |         |          |         |        |
| Pnenanthrene               | 50              |                   |                       |         |         |        |          |         |          |         |        |
| Anthracene                 | 50              |                   |                       |         |         |        |          |         |          |         |        |
| Dibenzofuran               | 50              |                   |                       |         |         |        |          |         |          |         |        |
| Total Phenols              | 1               | 1                 |                       |         | 8       | U      | U        | 2 B     | U        | U       | U      |
| 4,4'-DDE                   | ND              |                   |                       |         |         |        |          |         |          |         |        |
| Arsenic                    | 25              | 25                |                       |         |         | U      | U        | U       | U        | U       | 2      |
| Cadmium                    | 10              | 28                | 14                    |         |         | U      | U        | U       | U        | U       | U      |
| Chromium                   | 50              | 178               | 89                    |         | 1.1 B   | 20     | U        | U       | U        | U       | U      |
| Lead                       | 25              | 52                | 26                    |         |         | U      | U        | U       | U        | U       | 3      |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.  
 \* Action levels are from the Long Term Monitoring Plan dated July 1994.  
 \*\* Results from former upgradient monitoring well OMW-A3  
 G Guidance value.  
 J Indicates the value is less than the sample quantification limit but greater than zero.  
 B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.  
 U Indicates the value is not detected.



**Table 1**  
**Summary of Groundwater Analytical Results - Detected Compounds**  
**(All results in ug/L)**

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level | OMW-B3 (DOWNGRADIANT) |         |         |        |          |         |          |         |        |
|----------------------------|-----------------|-------------------|-----------------------|---------|---------|--------|----------|---------|----------|---------|--------|
|                            |                 |                   | 5/29/91               | 5/16/95 | 10/4/95 | 5/1/96 | 11/13/96 | 4/25/97 | 10/30/97 | 6/10/98 | 5/5/99 |
| 1,1-Dichloroethene         | 5               |                   |                       |         |         | U      |          |         |          |         |        |
| 1,1-Dichloroethane         | 5               |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| 1,2-Dichloroethene (Total) | 5               |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| Chloroform                 | 100             |                   |                       |         |         | U      |          |         |          |         |        |
| 1,1,1-Trichloroethane      | 5               |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| Benzene                    | 0.7             |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| 2-Butanone                 | N               |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| Acenaphthene               | 20G             |                   | 2 J                   | 3 J     | 2 J     |        |          |         |          |         |        |
| Fluorene                   | 50              |                   |                       | 2 J     | 1 J     |        |          |         |          |         |        |
| Phenanthrene               | 50              |                   |                       | 3 J     | 0.3 J   |        |          |         |          |         |        |
| Anthracene                 | 50              |                   |                       | 0.7 J   | 0.2 J   |        |          |         |          |         |        |
| Dibenzofuran               | 50              |                   |                       | 1 J     | 0.6 J   |        |          |         |          |         |        |
| Total Phenols              | 1               |                   |                       | 5       | 17      | U      | 4        | 2 B     | U        | U       | U      |
| 4,4'-DDE                   | ND              |                   | 0.12 J                |         |         |        |          |         |          |         |        |
| Arsenic                    | 25              |                   | 7 B                   | 2.2 B   | 8.1 B   | 6      | 10       | 14      | 14       | 4 B     | 10     |
| Cadmium                    | 10              |                   |                       |         |         | U      | U        | U       | U        | U       | U      |
| Chromium                   | 50              |                   |                       | 1.6 B   | 5 B     | U      | U        | U       | U        | U       | U      |
| Lead                       | 25              |                   | 16                    | 3.1     | 15.3 J  | U      | U        | 1 B     | U        | U       | U      |

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

\*\* Results from former upgradient monitoring well OMW-A3

G Guidance value.

J Indicates the value is less than the sample quantification limit but greater than zero.

B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.

U Indicates the value is not detected.

**Table 1**  
**Summary of Groundwater Analytical Results - Detected Compounds**  
**(All results in ug/L)**

[illegible]

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.

\* Action levels are from the Long Term Monitoring Plan dated July 1994.

**\*\* Results from former upgradient monitoring well OMW-A3**

| G   | Guidance value. |
|-----|-----------------|
| 1   | 1               |
| 2   | 2               |
| 3   | 3               |
| 4   | 4               |
| 5   | 5               |
| 6   | 6               |
| 7   | 7               |
| 8   | 8               |
| 9   | 9               |
| 10  | 10              |
| 11  | 11              |
| 12  | 12              |
| 13  | 13              |
| 14  | 14              |
| 15  | 15              |
| 16  | 16              |
| 17  | 17              |
| 18  | 18              |
| 19  | 19              |
| 20  | 20              |
| 21  | 21              |
| 22  | 22              |
| 23  | 23              |
| 24  | 24              |
| 25  | 25              |
| 26  | 26              |
| 27  | 27              |
| 28  | 28              |
| 29  | 29              |
| 30  | 30              |
| 31  | 31              |
| 32  | 32              |
| 33  | 33              |
| 34  | 34              |
| 35  | 35              |
| 36  | 36              |
| 37  | 37              |
| 38  | 38              |
| 39  | 39              |
| 40  | 40              |
| 41  | 41              |
| 42  | 42              |
| 43  | 43              |
| 44  | 44              |
| 45  | 45              |
| 46  | 46              |
| 47  | 47              |
| 48  | 48              |
| 49  | 49              |
| 50  | 50              |
| 51  | 51              |
| 52  | 52              |
| 53  | 53              |
| 54  | 54              |
| 55  | 55              |
| 56  | 56              |
| 57  | 57              |
| 58  | 58              |
| 59  | 59              |
| 60  | 60              |
| 61  | 61              |
| 62  | 62              |
| 63  | 63              |
| 64  | 64              |
| 65  | 65              |
| 66  | 66              |
| 67  | 67              |
| 68  | 68              |
| 69  | 69              |
| 70  | 70              |
| 71  | 71              |
| 72  | 72              |
| 73  | 73              |
| 74  | 74              |
| 75  | 75              |
| 76  | 76              |
| 77  | 77              |
| 78  | 78              |
| 79  | 79              |
| 80  | 80              |
| 81  | 81              |
| 82  | 82              |
| 83  | 83              |
| 84  | 84              |
| 85  | 85              |
| 86  | 86              |
| 87  | 87              |
| 88  | 88              |
| 89  | 89              |
| 90  | 90              |
| 91  | 91              |
| 92  | 92              |
| 93  | 93              |
| 94  | 94              |
| 95  | 95              |
| 96  | 96              |
| 97  | 97              |
| 98  | 98              |
| 99  | 99              |
| 100 | 100             |

**J** Indicates the value is less than the sample quantification limit but greater than zero.

**B** Indicates the value is less than the

**Table 1**  
**Summary of Groundwater Analytical Results - Detected Compounds**  
(All results in ug/L)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level | BLIND DUPLICATE |          |         |          |         |        |  |
|----------------------------|-----------------|-------------------|-----------------|----------|---------|----------|---------|--------|--|
|                            |                 |                   | 5/1/96          | 11/13/96 | 4/25/97 | 10/30/97 | 6/11/98 | 5/5/99 |  |
| 1,1-Dichloroethene         | 5               |                   |                 |          |         |          |         |        |  |
| 1,1-Dichloroethane         | 5               |                   | U               | U        | U       | U        | U       | U      |  |
| 1,2-Dichloroethene (Total) | 5               |                   | U               | U        | U       | U        | U       | U      |  |
| Chloroform                 | 100             |                   |                 |          |         |          |         |        |  |
| 1,1,1-Trichloroethane      | 5               |                   | U               | U        | U       | U        | U       | U      |  |
| Benzene                    | 0.7             |                   | U               | U        | U       | U        | U       | U      |  |
| 2-Butanone                 | N               |                   | U               | U        | U       | U        | U       | U      |  |
| Acenaphthene               | 20G             |                   |                 |          |         |          |         |        |  |
| Fluorene                   | 50              |                   |                 |          |         |          |         |        |  |
| Pnenanthrene               | 50              |                   |                 |          |         |          |         |        |  |
| Anthracene                 | 50              |                   |                 |          |         |          |         |        |  |
| Dibenzofuran               | 50              |                   |                 |          |         |          |         |        |  |
| Total Phenols              | 1               |                   | U               | U        | 2 B     | U        | U       | U      |  |
| 4,4'-DDE                   | ND              |                   |                 |          |         |          |         |        |  |
| Arsenic                    | 25              |                   | U               | 90       | U       | U        | U       | U      |  |
| Cadmium                    | 10              |                   | U               | 6        | U       | U        | U       | U      |  |
| Chromium                   | 50              |                   | 40              | U        | 6 B     | 15       | U       | 35     |  |
| Lead                       | 25              |                   | U               | 8        | U       | 5        | U       | 10     |  |

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 \*\* Results from former upgradient monitoring well OMW-A3  
 G Guidance value.  
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 B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.  
 U Indicates the value is not detected.

**Table 1**  
**Summary of Groundwater Analytical Results - Detected Compounds**  
(All results in ug/L)

| Parameter                  | ARAR +<br>(ppb) | Action *<br>Level | TRIP BLANK |          |         |          |         |        |
|----------------------------|-----------------|-------------------|------------|----------|---------|----------|---------|--------|
|                            |                 |                   | 5/1/96     | 11/13/96 | 4/25/97 | 10/30/97 | 6/11/98 | 5/5/99 |
| 1,1-Dichloroethene         | 5               |                   |            |          |         |          |         |        |
| 1,1-Dichloroethane         | 5               |                   | U          | U        | U       | U        | U       | U      |
| 1,2-Dichloroethene (Total) | 5               |                   | U          | U        | U       | U        | U       | U      |
| Chloroform                 | 100             |                   |            |          |         |          |         |        |
| 1,1,1-Trichloroethane      | 5               |                   | U          | U        | U       | U        | U       | U      |
| Benzene                    | 0.7             |                   | U          | U        | U       | U        | U       | U      |
| 2-Butanone                 | N               |                   | U          | U        | U       | U        | U       | U      |
| Acenaphthene               | 20G             |                   |            |          |         |          |         |        |
| Fluorene                   | 50              |                   |            |          |         |          |         |        |
| Pnenanthrene               | 50              |                   |            |          |         |          |         |        |
| Anthracene                 | 50              |                   |            |          |         |          |         |        |
| Dibenzofuran               | 50              |                   |            |          |         |          |         |        |
| Total Phenols              | 1               |                   |            |          |         |          |         |        |
| 4,4'-DDE                   | ND              |                   |            |          |         |          |         |        |
| Arsenic                    | 25              |                   |            |          |         |          |         |        |
| Cadmium                    | 10              |                   |            |          |         |          |         |        |
| Chromium                   | 50              |                   |            |          |         |          |         |        |
| Lead                       | 25              |                   |            |          |         |          |         |        |

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 \*\* Results from former upgradient monitoring well OMW-A3  
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 U Indicates the value is not detected.

Advanced Environmental Services, Inc.  
Sample Traceability Report

Project Identification GMU 91Q5

| Sample #     | Sample Collection | Group # | Run # | Prep Method | Prep Date | Analyst | Analytical Methodology | Analysis Date | Analyst |
|--------------|-------------------|---------|-------|-------------|-----------|---------|------------------------|---------------|---------|
| 91Q5 3-8     | 5/5/99            | —       | —     | 9.3         | 5/10/99   | RP      | 200.7                  | 5/11/99       | RP      |
| 91Q5 3-7     | 5/5/99            | —       | —     | —           | —         | —       | 200.7                  | 5/11/99       | RP      |
| 91Q5 3-8     | 5/5/99            | —       | —     | 206.2       | 5/11/99   | JK      | 206.2                  | 5/18/99       | JK      |
| 91Q5 3-7     | 5/5/99            | —       | —     | —           | —         | —       | 206.2                  | 5/18/99       | JK      |
| 91Q5 3-8     | 5/5/99            | —       | —     | 4.1.3       | 5/11/99   | JK      | 239.2                  | 5/13/99       | JK      |
| 91Q5 3-7     | 5/5/99            | —       | —     | —           | —         | —       | 239.2                  | 5/13/99       | JK      |
| 91Q5 3-7 → 9 | 5/5/99            | —       | —     | —           | —         | —       | 8260                   | 5/19/99       | DF      |
|              |                   |         |       |             |           |         |                        |               |         |
|              |                   |         |       |             |           |         |                        |               |         |
|              |                   |         |       |             |           |         |                        |               |         |
|              |                   |         |       |             |           |         |                        |               |         |

Please note: Areas marked by a dash indicate that no sample preparation is required under the applied methodology.

6 Nov 9/95

[illegible]

Please note: Areas marked by a dash indicate that no sample preparation is required under the applied methodology.

# CHAIN OF CUSTODY RECORD



ENVIRONMENTAL SERVICES, INC.  
2186 Liberty Drive  
Niagara Falls, NY 14304  
(716) 283-3120  
(800) 791-3120  
Fax (716) 283-4727

CUSTOMER NAME: AWLCP  
PROJECT NAME: AWLCP WASTE MONITORING  
SAMPLER'S SIGNATURE: [Signature]

PROJECT I.D.#: 9105  
JOB CODE: GMU

| DATE   | TIME    | SAMPLE IDENTIFICATION | GRAB | COMP | SAMPLE TYPE | CONTAINER CLASSIFICATION             |                  |     |      |              | PARAMETERS / REMARKS |       |                       |
|--------|---------|-----------------------|------|------|-------------|--------------------------------------|------------------|-----|------|--------------|----------------------|-------|-----------------------|
|        |         |                       |      |      |             | UNRESERVED                           | HNO <sub>3</sub> | HCL | NaOH | VIAL (PRES.) |                      | OTHER | TOTAL                 |
| 5/5/99 | 1:08 pm | B4                    | ✓    |      | Water       |                                      | 1                | 1   |      | 2            | 2                    | 4     | VOLS, METALS          |
|        | 1:35 pm | B3                    | ✓    |      |             |                                      | 2                | 1   |      | 2            |                      | 5     | PHENOLS               |
|        | 2:00 pm | A4                    | ✓    |      |             |                                      | 1                | 1   |      | 2            |                      | 4     |                       |
|        | 2:20 pm | C5                    | ✓    |      |             |                                      | 1                | 1   |      | 2            |                      | 4     | SOL METALS ON         |
|        | 2:35 pm | C7                    | ✓    |      |             |                                      | 2                | 1   |      | 2            |                      | 5     | B3 & C7               |
|        | -       | BLIND DUPLICATE       | ✓    |      |             |                                      | 1                | 1   |      | 2            |                      | 4     |                       |
| 5/5/99 | 4:00 pm | TRIP BLANK            | -    |      | DI WATER    |                                      |                  |     |      | 2            |                      | 2     | * TURBIDITY > 50 VOLS |
|        |         |                       |      |      |             |                                      |                  |     |      |              |                      |       |                       |
|        |         |                       |      |      |             |                                      |                  |     |      |              |                      |       |                       |
|        |         |                       |      |      |             |                                      |                  |     |      |              |                      |       |                       |
|        |         |                       |      |      |             |                                      |                  |     |      |              |                      |       |                       |
|        |         |                       |      |      |             |                                      |                  |     |      |              |                      |       |                       |
|        |         |                       |      |      |             |                                      |                  |     |      |              |                      |       |                       |
|        |         |                       |      |      |             |                                      |                  |     |      |              |                      |       |                       |
|        |         |                       |      |      |             | TOTAL NUMBER OF CONTAINERS <u>28</u> |                  |     |      |              |                      |       |                       |

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

|                                        |                     |                      |                                 |
|----------------------------------------|---------------------|----------------------|---------------------------------|
| 1. RELINQUISHED BY: <u>[Signature]</u> | DATE: <u>5/5/99</u> | TIME: <u>4:00 pm</u> | RECEIVED BY: <u>[Signature]</u> |
| 2. RELINQUISHED BY: _____              | DATE: _____         | TIME: _____          | RECEIVED BY: _____              |
| 3. RELINQUISHED BY: _____              | DATE: _____         | TIME: _____          | RECEIVED BY: _____              |

**DIVISION OF ENVIRONMENTAL REMEDIATION  
SAMPLING CHECKLIST**

- ☒ Site Name/ Number: Dunlop Tire, Site No. 9/5171
- ☒ Sample Date: 5-5-99
- ☒ HASP/ Sampling Questionnaire. (Attach to Checklist) N/A
- ☒ Fill out **LAB WORK REQUEST** form to obtain a lab assignment.(if required) N/A
- ☒ Fill out **SAMPLE BOTTLE LOG** after verifying types and quantities received. The lab's bottle order request form can be used in place of the DER form.
- ☒ Save **AIRBILL** (bill of lading) from lab for shipping sample kit to you. Write site name on the airbill and send a copy to Burton Pine in room 252. N/A
- ☒ Fill out a **CONTRACT LAB SAMPLE INFORMATION SHEET**, form 74-15-1, for each sample.
- ☒ Fill out the **CONTRACT LAB CHAIN OF CUSTODY** form. Send a copy to Burton Pine.
- ☒ Fill out an **AIRBILL** for shipping samples to the lab. Write the site **T & A CODE** in area 2, **YOUR INTERNAL BILLING REFERENCE INFORMATION** (for Federal Express Airbill) or on the line above number 6, **AIRBILL BILLING REFERENCE** (for Airborne Express Airbill). Send a copy of the airbill to Burton Pine. N/A
- ☒ Send the **GREEN** copy of the **SAMPLE INFORMATION SHEET** and the **CHAIN OF CUSTODY FORM** with the samples to the lab.
- ☒ Send the **WHITE** copy of the **SAMPLE INFORMATION SHEET** TO Sue Barbuto in room 305 at 50 Wolf Road.
- ☒ Retain the **YELLOW** copy of the **SAMPLE INFORMATION SHEET** for the Regional Sample Information Sheet file and send a copy to Burton Pine. Attach a copy of the **CHAIN OF CUSTODY FORM** to the Yellow copy.
- ☒ **Sample Submission Date:** 5-5-99
- ☒ **Data Submission Date:** 6-8-99
- ☐ **Sampling Report Completed:** \_\_\_\_\_





RETAIN THIS SHEET FOR YOUR RECORDS

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**CONTRACT LAB SAMPLE INFORMATION SHEET**

Print Legibly

Part 2

**CAUTION** (check if applicable)

- ☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

**CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS****PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- |                                                                   |                                                              |                                                               |
|-------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> 2. 13PP Metals                           | <input type="checkbox"/> 3. Volatiles—(USEPA 624 GC/MS)      | <input type="checkbox"/> 6. Pesticides/PCBs (USEPA 608-GC)    |
| <input type="checkbox"/> 4. Acids Base/Neutrals (USEPA 624 GC/MS) | <input type="checkbox"/> 5. Cyanide                          | <input type="checkbox"/> 9. BOD                               |
| <input type="checkbox"/> 7. Halogenated Volatiles (USEPA 601 GC)  | <input type="checkbox"/> 8. Aromatic Volatiles USEPA 602 GC) | <input type="checkbox"/> 12. TSS                              |
| <input type="checkbox"/> 10. pH                                   | <input type="checkbox"/> 11. COD                             | <input type="checkbox"/> 15. Ammonia                          |
| <input type="checkbox"/> 13. Settleable Solids                    | <input type="checkbox"/> 14. TKN                             | <input type="checkbox"/> 18. Reactive Phosphorus              |
| <input type="checkbox"/> 16. Nitrate/Nitrite                      | <input type="checkbox"/> 17. Total Phosphorus                | <input type="checkbox"/> 21. Total Phenols                    |
| <input type="checkbox"/> 19. Oil/Grease)                          | <input type="checkbox"/> 20. TOC                             | <input type="checkbox"/> 60. PCBs congener method (ASP 91-11) |
| <input type="checkbox"/> 22. Other _____                          | <input type="checkbox"/> 59. PCBs at 0.065 ug/l              | <input type="checkbox"/> 64. Total Solids                     |
|                                                                   | <input type="checkbox"/> 62. CBOD                            | <input type="checkbox"/> 65. Volatiles (USEPA 524.2 GC/MS)    |

**CONTRACT LABORATORY PROTOCOLS**

- |                                                                                              |                                                                            |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <input type="checkbox"/> 23 (ALL)—Water—Includes 24-28                                       | <input type="checkbox"/> 29. (ALL)—Soil/Sediments—Includes 30-34           |
| <input type="checkbox"/> 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)                | <input type="checkbox"/> 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)      |
| <input checked="" type="checkbox"/> 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1) | <input type="checkbox"/> 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)          |
| <input type="checkbox"/> 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)                          | <input type="checkbox"/> 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3) |
| <input checked="" type="checkbox"/> 27 Metals—23 in Water                                    | <input type="checkbox"/> 33. Metals—23 in Soil/Sediments)                  |
| <input type="checkbox"/> 28 Cyanide—Water                                                    | <input type="checkbox"/> 34. Cyanide—Soil/Sediments)                       |
| <input type="checkbox"/> 66 Dioxin-Water (ASP #91-7)                                         | <input type="checkbox"/> 67. Dioxin-Soil/Sediments (ASP #91-7)             |
| <input checked="" type="checkbox"/> 35 Other <u>Hardness, Alkalinity, Chloride, Sulfate</u>  |                                                                            |

**HAZARDOUS WASTES/RCRA ANALYSIS SW-846**

- |                                                           |                                                        |                                                     |
|-----------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> 36. EP Toxicity                  | <input type="checkbox"/> 37. EP Toxicity (Metals Only) | <input type="checkbox"/> 38. Ignitability           |
| <input type="checkbox"/> 39. Corrosivity                  | <input type="checkbox"/> 40. VOA—(USEPA 8260 GC/MS)    | <input type="checkbox"/> 41. BNA—(USEPA 8270 GC/MS) |
| <input type="checkbox"/> 42. Pesticides/PCBs (USEPA 8081) | <input type="checkbox"/> 43. TCLP                      | <input type="checkbox"/> 44. TCLP (Metals Only)     |
| <input type="checkbox"/> 45. Reactivity                   | <input type="checkbox"/> 46. Dioxin (USEPA 8280)       | <input type="checkbox"/> 47. Appendix IX            |
| <input type="checkbox"/> 48. Other _____                  | <input type="checkbox"/> 63 Percent Solids             | <input type="checkbox"/> 68. Metals—17 Hazardous    |

**MUNICIPAL SLUDGE**

- ☐ 56. RS-01    ☐ 57. RS-02    ☐ 58. Other \_\_\_\_\_

**COLLECTED BY:**

Glenn May

**TELEPHONE NUMBER:**

716-851-7220

**REGION NO.:**

9

**CONTRACT LABORATORY:**

STL

**COUNTY:**

Eric

**SAMPLING DATE:**

5-5-99

**MILITARY TIME:**

1350

**SAMPLE MATRIX:**

- ☐ Air    ☐ Soil/Sediment    ☒ Groundwater    ☐ Surface Water    ☐ Wastewater    ☐ Other \_\_\_\_\_

**CASE NO.**

S|H|9|9|9|0|5|0|5|

**SDG NO.**

B|5|5|5|A|4|

**SAMPLE NO.**☐ This sample**CHECK FOR MS/MD**☒ Grab    ☐ Composite    ☐ Term \_\_\_\_\_ hours

- ☐ Check if there will be more samples with this SDG sent in this calendar week.

**SAMPLING POINT:**

Well mw-A4

Report via Category B, unless checked ☐Check if field duplicate ☐ Outfall NumberCheck if sampling is part of inspection ☐

FLOW: \_\_\_\_\_ GPD \_\_\_\_\_ MGD

**SPDES NUMBER/REGISTRY NUMBER**

| | | | | | |



## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**CONTRACT LAB SAMPLE INFORMATION SHEET**

Print Legibly

Part 2

**CAUTION** (check if applicable)

- ☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

**CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS****PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- |                                                                   |                                                              |                                                               |
|-------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> 2. 13PP Metals                           | <input type="checkbox"/> 3. Volatiles—(USEPA 624 GC/MS)      | <input type="checkbox"/> 6. Pesticides/PCBs (USEPA 608-GC)    |
| <input type="checkbox"/> 4. Acids Base/Neutrals (USEPA 624 GC/MS) | <input type="checkbox"/> 5. Cyanide                          | <input type="checkbox"/> 9. BOD                               |
| <input type="checkbox"/> 7. Halogenated Volatiles (USEPA 601 GC)  | <input type="checkbox"/> 8. Aromatic Volatiles USEPA 602 GC) | <input type="checkbox"/> 12. TSS                              |
| <input type="checkbox"/> 10. pH                                   | <input type="checkbox"/> 11. COD                             | <input type="checkbox"/> 15. Ammonia                          |
| <input type="checkbox"/> 13. Settleable Solids                    | <input type="checkbox"/> 14. TKN                             | <input type="checkbox"/> 18. Reactive Phosphorus              |
| <input type="checkbox"/> 16. Nitrate/Nitrite                      | <input type="checkbox"/> 17. Total Phosphorus                | <input type="checkbox"/> 21. Total Phenols                    |
| <input type="checkbox"/> 19. Oil/Grease)                          | <input type="checkbox"/> 20. TOC                             | <input type="checkbox"/> 60. PCBs congener method (ASP 91-11) |
| <input type="checkbox"/> 22. Other _____                          | <input type="checkbox"/> 59. PCBs at 0.065 ug/l              | <input type="checkbox"/> 64. Total Solids                     |
|                                                                   | <input type="checkbox"/> 62. CBOD                            | <input type="checkbox"/> 65. Volatiles (USEPA 524.2 GC/MS)    |

**CONTRACT LABORATORY PROTOCOLS**

- |                                                                                              |                                                                            |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <input type="checkbox"/> 23 (ALL)—Water—Includes 24-28                                       | <input type="checkbox"/> 29. (ALL)—Soil/Sediments—Includes 30-34           |
| <input type="checkbox"/> 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)                | <input type="checkbox"/> 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)      |
| <input checked="" type="checkbox"/> 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1) | <input type="checkbox"/> 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)          |
| <input type="checkbox"/> 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)                          | <input type="checkbox"/> 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3) |
| <input checked="" type="checkbox"/> 27 Metals—23 in Water                                    | <input type="checkbox"/> 33. Metals—23 in Soil/Sediments)                  |
| <input type="checkbox"/> 28 Cyanide—Water                                                    | <input type="checkbox"/> 34. Cyanide—Soil/Sediments)                       |
| <input type="checkbox"/> 66 Dioxin-Water (ASP #91-7)                                         | <input type="checkbox"/> 67. Dioxin-Soil/Sediments (ASP #91-7)             |
| <input checked="" type="checkbox"/> 35 Other <u>Hardness, Alkalinity, Chloride, Sulfate</u>  |                                                                            |

**HAZARDOUS WASTES/RCRA ANALYSIS SW-846**

- |                                                           |                                                        |                                                     |
|-----------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> 36. EP Toxicity                  | <input type="checkbox"/> 37. EP Toxicity (Metals Only) | <input type="checkbox"/> 38. Ignitability           |
| <input type="checkbox"/> 39. Corrosivity                  | <input type="checkbox"/> 40. VOA—(USEPA 8260 GC/MS)    | <input type="checkbox"/> 41. BNA—(USEPA 8270 GC/MS) |
| <input type="checkbox"/> 42. Pesticides/PCBs (USEPA 8081) | <input type="checkbox"/> 43. TCLP                      | <input type="checkbox"/> 44. TCLP (Metals Only)     |
| <input type="checkbox"/> 45. Reactivity                   | <input type="checkbox"/> 46. Dioxin (USEPA 8280)       | <input type="checkbox"/> 47. Appendix IX            |
| <input type="checkbox"/> 48. Other _____                  | <input type="checkbox"/> 63 Percent Solids             | <input type="checkbox"/> 68. Metals—17 Hazardous    |

**MUNICIPAL SLUDGE**

- ☐ 56. RS-01    ☐ 57. RS-02    ☐ 58. Other \_\_\_\_\_

**COLLECTED BY:**Glenn May**TELEPHONE NUMBER:**716-851-7220**REGION NO.:**9**CONTRACT LABORATORY:**STL**COUNTY:**Erie**SAMPLING DATE:**5-5-99**MILITARY TIME:**1340**SAMPLE MATRIX:**

- ☐ Air    ☐ Soil/Sediment    ☒ Groundwater    ☐ Surface Water    ☐ Wastewater    ☐ Other \_\_\_\_\_

**CASE NO.****SDG NO.****SAMPLE NO.****CHECK FOR MS/MD****TYPE OF SAMPLE**S/H/9/9/9/0/5/0/5B/5/5/5/B/3☐ This sample☒ Grab    ☐ Composite    ☐ Term \_\_\_\_\_ hours

- ☐ Check if there will be more samples with this SDG sent in this calendar week.

**SAMPLING POINT:**Well mw-B3Report via Category B, unless checked ☐Check if field duplicate ☐ Outfall NumberCheck if sampling is part of inspection ☐

FLOW: \_\_\_\_\_ GPD \_\_\_\_\_ MGD

**SPDES NUMBER/REGISTRY NUMBER**

| | | | |



RETAIN THIS SHEET FOR YOUR RECORDS

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**CONTRACT LAB SAMPLE INFORMATION SHEET**

Print Legibly

Part 2

**CAUTION** (check if applicable)

- ☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

**CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS****PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- |                                                                   |                                                              |                                                               |
|-------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> 2. 13PP Metals                           | <input type="checkbox"/> 3. Volatiles—(USEPA 624 GC/MS)      | <input type="checkbox"/> 6. Pesticides/PCBs (USEPA 608-GC)    |
| <input type="checkbox"/> 4. Acids Base/Neutrals (USEPA 624 GC/MS) | <input type="checkbox"/> 5. Cyanide                          | <input type="checkbox"/> 9. BOD                               |
| <input type="checkbox"/> 7. Halogenated Volatiles (USEPA 601 GC)  | <input type="checkbox"/> 8. Aromatic Volatiles USEPA 602 GC) | <input type="checkbox"/> 12. TSS                              |
| <input type="checkbox"/> 10. pH                                   | <input type="checkbox"/> 11. COD                             | <input type="checkbox"/> 15. Ammonia                          |
| <input type="checkbox"/> 13. Settleable Solids                    | <input type="checkbox"/> 14. TKN                             | <input type="checkbox"/> 18. Reactive Phosphorus              |
| <input type="checkbox"/> 16. Nitrate/Nitrite                      | <input type="checkbox"/> 17. Total Phosphorus                | <input type="checkbox"/> 21. Total Phenols                    |
| <input type="checkbox"/> 19. Oil/Grease)                          | <input type="checkbox"/> 20. TOC                             | <input type="checkbox"/> 60. PCBs congener method (ASP 91-11) |
| <input type="checkbox"/> 22. Other _____                          | <input type="checkbox"/> 59. PCBs at 0.065 ug/l              | <input type="checkbox"/> 64. Total Solids                     |
|                                                                   | <input type="checkbox"/> 62. CBOD                            | <input type="checkbox"/> 65. Volatiles (USEPA 524.2 GC/MS)    |

**CONTRACT LABORATORY PROTOCOLS**

- |                                                                                              |                                                                            |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <input type="checkbox"/> 23 (ALL)—Water—Includes 24-28                                       | <input type="checkbox"/> 29. (ALL)—Soil/Sediments—Includes 30-34           |
| <input type="checkbox"/> 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)                | <input type="checkbox"/> 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)      |
| <input checked="" type="checkbox"/> 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1) | <input type="checkbox"/> 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)          |
| <input type="checkbox"/> 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)                          | <input type="checkbox"/> 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3) |
| <input checked="" type="checkbox"/> 27 Metals—23 in Water                                    | <input type="checkbox"/> 33. Metals—23 in Soil/Sediments)                  |
| <input type="checkbox"/> 28 Cyanide—Water                                                    | <input type="checkbox"/> 34. Cyanide—Soil/Sediments)                       |
| <input type="checkbox"/> 66 Dioxin-Water (ASP #91-7)                                         | <input type="checkbox"/> 67. Dioxin-Soil/Sediments (ASP #91-7)             |
| <input checked="" type="checkbox"/> 35 Other <u>Hardness, Alkalinity, Chloride, Sulfate</u>  |                                                                            |

**HAZARDOUS WASTES/RCRA ANALYSIS SW-846**

- |                                                           |                                                        |                                                     |
|-----------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> 36. EP Toxicity                  | <input type="checkbox"/> 37. EP Toxicity (Metals Only) | <input type="checkbox"/> 38. Ignitability           |
| <input type="checkbox"/> 39. Corrosivity                  | <input type="checkbox"/> 40. VOA—(USEPA 8260 GC/MS)    | <input type="checkbox"/> 41. BNA—(USEPA 8270 GC/MS) |
| <input type="checkbox"/> 42. Pesticides/PCBs (USEPA 8081) | <input type="checkbox"/> 43. TCLP                      | <input type="checkbox"/> 44. TCLP (Metals Only)     |
| <input type="checkbox"/> 45. Reactivity                   | <input type="checkbox"/> 46. Dioxin (USEPA 8280)       | <input type="checkbox"/> 47. Appendix IX            |
| <input type="checkbox"/> 48. Other _____                  | <input type="checkbox"/> 63 Percent Solids             | <input type="checkbox"/> 68. Metals—17 Hazardous    |

**MUNICIPAL SLUDGE**

- ☐ 56. RS-01    ☐ 57. RS-02    ☐ 58. Other \_\_\_\_\_

**COLLECTED BY:**

Glenn May

**TELEPHONE NUMBER:**

716-851-7220

**REGION NO.:**

9

**CONTRACT LABORATORY:**

STL

**COUNTY:**

Erie

**SAMPLING DATE:**

5-5-99

**MILITARY TIME:**

1320

**SAMPLE MATRIX:**

- ☐ Air    ☐ Soil/Sediment    ☒ Groundwater    ☐ Surface Water    ☐ Wastewater    ☐ Other \_\_\_\_\_

**CASE NO.**

S/H/9/9/9/0/5/0/5

**SDG NO.**

B/5/5/5/B/4

**SAMPLE NO.**☐ This sample**CHECK FOR MS/MD**☒ Grab    ☐ Composite    ☐ Term \_\_\_\_\_ hours

- ☐ Check if there will be more samples with this SDG sent in this calendar week.

**SAMPLING POINT:**

Well mw-B4

Report via Category B, unless checked ☐Check if field duplicate ☐ Outfall NumberCheck if sampling is part of inspection ☐

FLOW: \_\_\_\_\_ GPD \_\_\_\_\_ MGD

**SPDES NUMBER/REGISTRY NUMBER**

| | | | |



## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**CONTRACT LAB SAMPLE INFORMATION SHEET**

Print Legibly

Part 2

**CAUTION** (check if applicable)

- ☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

**CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS****PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- |                                                                   |                                                              |                                                               |
|-------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> 2. 13PP Metals                           | <input type="checkbox"/> 3. Volatiles—(USEPA 624 GC/MS)      | <input type="checkbox"/> 6. Pesticides/PCBs (USEPA 608-GC)    |
| <input type="checkbox"/> 4. Acids Base/Neutrals (USEPA 624 GC/MS) | <input type="checkbox"/> 5. Cyanide                          | <input type="checkbox"/> 9. BOD                               |
| <input type="checkbox"/> 7. Halogenated Volatiles (USEPA 601 GC)  | <input type="checkbox"/> 8. Aromatic Volatiles USEPA 602 GC) | <input type="checkbox"/> 12. TSS                              |
| <input type="checkbox"/> 10. pH                                   | <input type="checkbox"/> 11. COD                             | <input type="checkbox"/> 15. Ammonia                          |
| <input type="checkbox"/> 13. Settleable Solids                    | <input type="checkbox"/> 14. TKN                             | <input type="checkbox"/> 18. Reactive Phosphorus              |
| <input type="checkbox"/> 16. Nitrate/Nitrite                      | <input type="checkbox"/> 17. Total Phosphorus                | <input type="checkbox"/> 21. Total Phenols                    |
| <input type="checkbox"/> 19. Oil/Grease)                          | <input type="checkbox"/> 20. TOC                             | <input type="checkbox"/> 60. PCBs congener method (ASP 91-11) |
| <input type="checkbox"/> 22. Other _____                          | <input type="checkbox"/> 59. PCBs at 0.065 ug/l              | <input type="checkbox"/> 64. Total Solids                     |
|                                                                   | <input type="checkbox"/> 62. CBOD                            | <input type="checkbox"/> 65. Volatiles (USEPA 524.2 GC/MS)    |

**CONTRACT LABORATORY PROTOCOLS**

- |                                                                                              |                                                                            |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <input type="checkbox"/> 23 (ALL)—Water—Includes 24-28                                       | <input type="checkbox"/> 29. (ALL)—Soil/Sediments—Includes 30-34           |
| <input type="checkbox"/> 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)                | <input type="checkbox"/> 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)      |
| <input checked="" type="checkbox"/> 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1) | <input type="checkbox"/> 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)          |
| <input type="checkbox"/> 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)                          | <input type="checkbox"/> 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3) |
| <input checked="" type="checkbox"/> 27 Metals—23 in Water                                    | <input type="checkbox"/> 33. Metals—23 in Soil/Sediments)                  |
| <input type="checkbox"/> 28 Cyanide—Water                                                    | <input type="checkbox"/> 34. Cyanide—Soil/Sediments)                       |
| <input type="checkbox"/> 66 Dioxin-Water (ASP #91-7)                                         | <input type="checkbox"/> 67. Dioxin-Soil/Sediments (ASP #91-7)             |
| <input checked="" type="checkbox"/> 35 Other <u>Hardness, Alkalinity, Chloride, Sulfate</u>  |                                                                            |

**HAZARDOUS WASTES/RCRA ANALYSIS SW-846**

- |                                                           |                                                        |                                                     |
|-----------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> 36. EP Toxicity                  | <input type="checkbox"/> 37. EP Toxicity (Metals Only) | <input type="checkbox"/> 38. Ignitability           |
| <input type="checkbox"/> 39. Corrosivity                  | <input type="checkbox"/> 40. VOA—(USEPA 8260 GC/MS)    | <input type="checkbox"/> 41. BNA—(USEPA 8270 GC/MS) |
| <input type="checkbox"/> 42. Pesticides/PCBs (USEPA 8081) | <input type="checkbox"/> 43. TCLP                      | <input type="checkbox"/> 44. TCLP (Metals Only)     |
| <input type="checkbox"/> 45. Reactivity                   | <input type="checkbox"/> 46. Dioxin (USEPA 8280)       | <input type="checkbox"/> 47. Appendix IX            |
| <input type="checkbox"/> 48. Other _____                  | <input type="checkbox"/> 63 Percent Solids             | <input type="checkbox"/> 68. Metals—17 Hazardous    |

**MUNICIPAL SLUDGE**

- ☐ 56. RS-01    ☐ 57. RS-02    ☐ 58. Other \_\_\_\_\_

**COLLECTED BY:**Glenn May**TELEPHONE NUMBER:**716-851-7220**REGION NO.:**9**CONTRACT LABORATORY:**STL**COUNTY:**Erie**SAMPLING DATE:**5-5-99**MILITARY TIME:**1435**SAMPLE MATRIX:**

- ☐ Air    ☐ Soil/Sediment    ☒ Groundwater    ☐ Surface Water    ☐ Wastewater    ☐ Other \_\_\_\_\_

**CASE NO.**S/H/9/9/9/0/5/0/5**SDG NO.**B/5/5/5/C/5**SAMPLE NO.**0/5/5/5/C/5☐ This sample**CHECK FOR MS/MD**☒ Grab    ☐ Composite    ☐ Term \_\_\_\_\_ hours

- ☐ Check if there will be more samples with this SDG sent in this calendar week.

**SAMPLING POINT:**Well MW-C5Report via Category B, unless checked: ☐Check if field duplicate ☐ Outfall NumberCheck if sampling is part of inspection ☐

FLOW: \_\_\_\_\_ GPD \_\_\_\_\_ MGD

**SPDES NUMBER/REGISTRY NUMBER**

| | | | | | |



## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**CONTRACT LAB SAMPLE INFORMATION SHEET**

Print Legibly

Part 2

**CAUTION** (check if applicable)

- ☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

**CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS****PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- |                                                                   |                                                              |                                                               |
|-------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> 2. 13PP Metals                           | <input type="checkbox"/> 3. Volatiles—(USEPA 624 GC/MS)      | <input type="checkbox"/> 6. Pesticides/PCBs (USEPA 608-GC)    |
| <input type="checkbox"/> 4. Acids Base/Neutrals (USEPA 624 GC/MS) | <input type="checkbox"/> 5. Cyanide                          | <input type="checkbox"/> 9. BOD                               |
| <input type="checkbox"/> 7. Halogenated Volatiles (USEPA 601 GC)  | <input type="checkbox"/> 8. Aromatic Volatiles USEPA 602 GC) | <input type="checkbox"/> 12. TSS                              |
| <input type="checkbox"/> 10. pH                                   | <input type="checkbox"/> 11. COD                             | <input type="checkbox"/> 15. Ammonia                          |
| <input type="checkbox"/> 13. Settleable Solids                    | <input type="checkbox"/> 14. TKN                             | <input type="checkbox"/> 18. Reactive Phosphorus              |
| <input type="checkbox"/> 16. Nitrate/Nitrite                      | <input type="checkbox"/> 17. Total Phosphorus                | <input type="checkbox"/> 21. Total Phenols                    |
| <input type="checkbox"/> 19. Oil/Grease)                          | <input type="checkbox"/> 20. TOC                             | <input type="checkbox"/> 60. PCBs congener method (ASP 91-11) |
| <input type="checkbox"/> 22. Other _____                          | <input type="checkbox"/> 59. PCBs at 0.065 ug/l              | <input type="checkbox"/> 64. Total Solids                     |
|                                                                   | <input type="checkbox"/> 62. CBOD                            | <input type="checkbox"/> 65. Volatiles (USEPA 524.2 GC/MS)    |

**CONTRACT LABORATORY PROTOCOLS**

- |                                                                                              |                                                                            |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <input type="checkbox"/> 23 (ALL)—Water—Includes 24-28                                       | <input type="checkbox"/> 29. (ALL)—Soil/Sediments—Includes 30-34           |
| <input type="checkbox"/> 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2)                | <input type="checkbox"/> 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2)      |
| <input checked="" type="checkbox"/> 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1) | <input type="checkbox"/> 31. VOA—Soil/Sediments—GC/MS (ASP #95-1)          |
| <input type="checkbox"/> 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3)                          | <input type="checkbox"/> 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3) |
| <input checked="" type="checkbox"/> 27 Metals—23 in Water                                    | <input type="checkbox"/> 33. Metals—23 in Soil/Sediments)                  |
| <input type="checkbox"/> 28 Cyanide—Water                                                    | <input type="checkbox"/> 34. Cyanide—Soil/Sediments)                       |
| <input type="checkbox"/> 66 Dioxin-Water (ASP #91-7)                                         | <input type="checkbox"/> 67. Dioxin-Soil/Sediments (ASP #91-7)             |
| <input checked="" type="checkbox"/> 35 Other <u>Hardness, Alkalinity, Chloride, Sulfate</u>  |                                                                            |

**HAZARDOUS WASTES/RCRA ANALYSIS SW-846**

- |                                                           |                                                        |                                                     |
|-----------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> 36. EP Toxicity                  | <input type="checkbox"/> 37. EP Toxicity (Metals Only) | <input type="checkbox"/> 38. Ignitability           |
| <input type="checkbox"/> 39. Corrosivity                  | <input type="checkbox"/> 40. VOA—(USEPA 8260 GC/MS)    | <input type="checkbox"/> 41. BNA—(USEPA 8270 GC/MS) |
| <input type="checkbox"/> 42. Pesticides/PCBs (USEPA 8081) | <input type="checkbox"/> 43. TCLP                      | <input type="checkbox"/> 44. TCLP (Metals Only)     |
| <input type="checkbox"/> 45. Reactivity                   | <input type="checkbox"/> 46. Dioxin (USEPA 8280)       | <input type="checkbox"/> 47. Appendix IX            |
| <input type="checkbox"/> 48. Other _____                  | <input type="checkbox"/> 63 Percent Solids             | <input type="checkbox"/> 68. Metals—17 Hazardous    |

**MUNICIPAL SLUDGE**

- ☐ 56. RS-01    ☐ 57. RS-02    ☐ 58. Other \_\_\_\_\_

**COLLECTED BY:**Glenn May**TELEPHONE NUMBER:**716-851-7220**REGION NO.:**9**CONTRACT LABORATORY:**STL**COUNTY:**Erie**SAMPLING DATE:**5-5-99**MILITARY TIME:**1450**SAMPLE MATRIX:**

- ☐ Air    ☐ Soil/Sediment    ☒ Groundwater    ☐ Surface Water    ☐ Wastewater    ☐ Other \_\_\_\_\_

**CASE NO.****SDG NO.****SAMPLE NO.****CHECK FOR MS/MD****TYPE OF SAMPLE**S/H/9/9/9/0/5/0/5B/5/5/5/C/7☐ This sample☒ Grab    ☐ Composite    ☐ Term \_\_\_\_\_ hours

- ☐ Check if there will be more samples with this SDG sent in this calendar week.

**SAMPLING POINT:**Well MW-C7Report via Category B, unless checked ☐Check if field duplicate ☐ Outfall NumberCheck if sampling is part of inspection ☐

FLOW: \_\_\_\_\_ GPD \_\_\_\_\_ MGD

**SPDES NUMBER/REGISTRY NUMBER**

| | | | | | |



Report To:

Contact: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
E-Mail: \_\_\_\_\_

Bill To:

Contact: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
POI: \_\_\_\_\_  
Quote: \_\_\_\_\_

Internal Use Only

Sampler Name: Green May  
Project Name: Quartz Tiro  
Project Location: 3000 Avenida  
Signature: [Signature]  
Project Number: 915018  
Date Required: As per contract

COMP / GRA  
M A T R I X B

INDICATE PRESERVATIVE BY USING KEY BELOW (Optional)  
INDICATE CONTAINER BY USING KEY BELOW (Optional)

Additional Analyses / Remarks

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Date: 04/19/99  
Time: 13:42

Sample Container and Preservation Specification  
Request - AC93297 Analysis Group - AC93297

Page: 1  
Rept: AN0922

Client: Glenn May  
270 Michigan Ave.  
Buffalo, NY 14203-

Sampling Date: 04/20/99  
Project No: 7A7260-9

20

Project Mgr: KPK  
TAT: 30  
QA/QC: No

Site:

Sample Matrix: W

Est. No Bottles per Set: 6

| Test/Method | Product  | Description                             | No    |       | Bottle |                          | Preservative |  | Lab   |
|-------------|----------|-----------------------------------------|-------|-------|--------|--------------------------|--------------|--|-------|
|             |          |                                         | Samps | Type  | Qty    |                          |              |  |       |
| CGA00965    | metals   |                                         | 5     | 16ozP | 1      | HNO3 to pH < 2           |              |  | RECNY |
| CTA07919    | CHLORIDE | METHOD 9251 - CHLORIDE                  | 5     | 8ozP  | 1      | COOL 4°C                 |              |  | RECNY |
| STA00443    | SULFATE  | METHOD 9038 - SULFATE                   |       | -     |        | COOL 4°C                 |              |  | RECNY |
| STA00395    | TALK     | METHOD 310.1 - TOTAL ALKALINITY AS CACO | 5     | 8ozP  | 1      | COOL 4°C, Zero Headspace |              |  | RECNY |
| CTA07719    | TCL VOAS | NYSDEC-8260 - TCL VOAS                  | 5     | 40mlV | 3      | HCL to pH < 2, COOL 4°C  |              |  | RECNY |

Dunlop Tire  
T&A Code: B555



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NYSDEC REG. 9  
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*Develop  
Well Data*

June 08, 1999

**Severn Trent Laboratories**

200 Monroe Turnpike  
Monroe CT 06468

Tel: (203) 261-4458

Fax: (203) 268-5346

Mr. Glenn May  
NYSDEC  
270 Michigan Avenue  
Buffalo, NY 14203

Dear Mr. May :

Please find enclosed the analytical results of 5 sample(s) received at our laboratory on May 5, 1999. This report contains sections addressing the following information at a minimum:

- . sample summary
- . analytical methodology
- . state certifications
- . definition of data qualifiers and terminology
- . analytical results
- . chain-of-custody

|                               |                        |
|-------------------------------|------------------------|
| STL Report #7099-1047A        | Purchase Order #915018 |
| Project ID: NYSDEC CASE SH999 |                        |

Copies of this analytical report and supporting data are maintained in our files for a minimum of five years unless special arrangements have been made. Unless specifically indicated, all analytical testing was performed at this laboratory location and no portion of the testing was subcontracted.

We appreciate your selection of our services and welcome any questions or suggestions you may have relative to this report. Please contact your customer service representative at (203) 261-4458 for any additional information. Thank you for utilizing our services; we hope you will consider us for your future analytical needs.

I have reviewed and approved the enclosed data for final release.

Very truly yours,

*Jeffrey C. Curran*  
Jeffrey C. Curran  
Laboratory Manager

JCC

**Other Laboratory Locations:**

- 149 Rangeway Road, North Billerica MA 01862
- 16203 Park Row, Suite 110, Houston TX 77084
- 120 Southcenter Court, Suite 300, Morrisville NC 27560

- 315 Fullerton Avenue, Newburgh NY 12550
- 11 East Olive Road, Pensacola FL 32514
- Westfield Executive Park, 53 Southampton Road, Westfield MA 01085
- 628 Route 10, Whippary NJ 07981

a part of

SEVERN TRENT SERVICES INC.



**7099-1047A**  
**NYSDEC**

**Case Narrative**

**Classical Chemistry** - Listed below are the wet chemistry analyte methods and references for the samples analyzed in this SDG. No analytical problems were encountered and all holding times were met.

| Analyte    | Method | Reference |
|------------|--------|-----------|
| Alkalinity | 310.1  | 1         |
| Chloride   | 325.2  | 1         |
| Hardness   | 2340B  | 2         |
| Sulfate    | 375.2  | 1         |

**References:**

1. Methods of Chemical Analysis of Water and Wastes, EPA 600, 1983.
2. Standard Methods for the Examination of Water and Wastewater. 18th edition, 1992.

**Metals** - ICAP metals were determined by ICP using a JA61E trace ICAP; mercury was determined by the cold vapor technique utilizing a Leeman Labs mercury analyzer according to the USEPA CLP 4.0 SOW.

One "N" flag resulted from spike analysis of sample IN-3 for selenium.

No other problems occurred during analysis. All appropriate protocols were employed. All data appears to be consistent.

**Volatile Organics** - Volatile organics were determined by purge and trap GC/MS using NYSDEC '95 Protocols. The instrumentation used was a Tekmar Model 2000/2016 Concentrator interfaced with a Hewlett-Packard Model 5970A GC/MS/DS.

The column is a 75 meter J&W capillary column DB-624 with a 3.0u film thickness.

The trap is a Voacarb 3000 with Carbopack B/Carboxen 1000 & 1001.

**Sample Calculation:**

Sample ID - B555B4  
Compound - Acetone

$$\frac{(27850)(250)(1)}{(750637)(.252)(5)} = 7.36 = 7 \text{ UG/L.}$$

The spiked compound, vinyl acetate, was out of criteria in the 020PPB\_QCS.

The spiked compound, benzene, had a RPD out of criteria in the matrix spike samples.

The following list contains TIC windows:

|           |            |
|-----------|------------|
| VSTD050KJ | 3.45-23.44 |
| VSTD050KL | 3.47-23.45 |

No problems were encountered.

7099-1047A  
NYSDEC  
SAMPLE SUMMARY

| CLIENT ID | LAB ID     | MATRIX | DATE<br>COLLECTED | DATE<br>RECEIVED |
|-----------|------------|--------|-------------------|------------------|
| B555C5    | 991047A-01 | WATER  | 05/05/99          | 05/05/99         |
| B555C7    | 991047A-02 | WATER  | 05/05/99          | 05/05/99         |
| B555A4    | 991047A-03 | WATER  | 05/05/99          | 05/05/99         |
| B555B3    | 991047A-04 | WATER  | 05/05/99          | 05/05/99         |
| B555B4    | 991047A-05 | WATER  | 05/05/99          | 05/05/99         |

## **ORGANICS APPENDIX**

- U** - Indicates that the compound was analyzed for but not detected.
- J** - Indicates that the compound was analyzed for and determined to be present in the sample. The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.
- B** - This flag is used when the analyte is found in the blanks as well as the sample. It indicates possible sample contamination and warns the data user to use caution when applying the results of this analyte.
- N** - Indicates that the compound was analyzed for but not requested as an analyte. Value will not be listed on tabular result sheet.
- S** - Estimated due to surrogate outliers.
- X** - Matrix spike compound.
- (1)** - Cannot be separated.
- (2)** - Decomposes to azobenzene. Measured and calibrated as azobenzene.
- A** - This flag indicates that a TIC is a suspected aldol condensation product.
- E** - Indicates that it exceeds calibration curve range.
- D** - This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- C** - Confirmed by GC/MS.
- T** - Compound present in TCLP blank.
- P** - This flag is used for a pesticide/aroclor target analyte when there is a greater than 25 percent difference for detected concentrations between the two GC columns (see Form X).

TABLE VO-1.1  
7099-1047A  
NYSDEC  
TCL VOLATILE ORGANICS + TIC'S

Aqueous

All values are ug/L.

| Client Sample I.D.         | B555B3     | B555B4     |  | Quant.<br>Limits<br>with no<br>Dilution |
|----------------------------|------------|------------|--|-----------------------------------------|
| Lab Sample I.D.            | 991047A-04 | 991047A-05 |  |                                         |
| Method Blank I.D.          | VLKKJ      | VLKKJ      |  |                                         |
| Quant. Factor              | 1.00       | 1.00       |  |                                         |
| Chloromethane              | U          | U          |  | 10                                      |
| Bromomethane               | U          | U          |  | 10                                      |
| Vinyl Chloride             | U          | U          |  | 10                                      |
| Chloroethane               | U          | U          |  | 10                                      |
| Methylene Chloride         | U          | 1J         |  | 10                                      |
| Acetone                    | 16B        | 7JB        |  | 10                                      |
| Carbon Disulfide           | U          | U          |  | 10                                      |
| 1,1-Dichloroethene         | U          | U          |  | 10                                      |
| 1,1-Dichloroethane         | U          | U          |  | 10                                      |
| 1,2-Dichloroethene (total) | U          | U          |  | 10                                      |
| Chloroform                 | U          | U          |  | 10                                      |
| 1,2-Dichloroethane         | U          | U          |  | 10                                      |
| 2-Butanone                 | 6J         | U          |  | 10                                      |
| 1,1,1-Trichloroethane      | U          | U          |  | 10                                      |
| Carbon Tetrachloride       | U          | U          |  | 10                                      |
| Bromodichloromethane       | U          | U          |  | 10                                      |
| 1,2-Dichloropropane        | U          | U          |  | 10                                      |
| cis-1,3-Dichloropropene    | U          | U          |  | 10                                      |
| Trichloroethene            | U          | U          |  | 10                                      |
| Dibromochloromethane       | U          | U          |  | 10                                      |
| 1,1,2-Trichloroethane      | U          | U          |  | 10                                      |
| Benzene                    | U          | U          |  | 10                                      |
| trans-1,3-Dichloropropene  | U          | U          |  | 10                                      |
| Bromoform                  | U          | U          |  | 10                                      |
| 4-Methyl-2-Pentanone       | U          | U          |  | 10                                      |
| 2-Hexanone                 | U          | U          |  | 10                                      |
| Tetrachloroethene          | U          | U          |  | 10                                      |
| 1,1,2,2-Tetrachloroethane  | .7J        | .8J        |  | 10                                      |
| Toluene                    | U          | U          |  | 10                                      |
| Chlorobenzene              | U          | U          |  | 10                                      |
| Ethylbenzene               | U          | U          |  | 10                                      |
| Styrene                    | U          | U          |  | 10                                      |
| Xylene (total)             | U          | U          |  | 10                                      |
| Date Received              | 05/05/99   | 05/05/99   |  |                                         |
| Date Extracted             | N/A        | N/A        |  |                                         |
| Date Analyzed              | 05/11/99   | 05/11/99   |  |                                         |

See Appendix for qualifier definitions

Note: Compound detection limit = quantitation limit x quantitation factor  
Quant. Factor = a numerical value which takes into account any  
variation in sample weight/volume, % moisture and  
sample dilution.

TABLE VO-2.0  
7099-1047A  
NYSDEC  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Aqueous

Related Method Blank: VBLKKJ

Lab Sample Id: VBLKKJ Client Sample Id: Method Blank

| <u>CAS#</u>   | <u>Compound</u> | <u>RT</u> | <u>Estimated<br/>Conc., ug/L</u> |
|---------------|-----------------|-----------|----------------------------------|
| NONE DETECTED |                 |           |                                  |

Lab Sample Id: 991047A-02 Client Sample Id: B555C7

| <u>CAS#</u> | <u>Compound</u>  | <u>RT</u> | <u>Estimated<br/>Conc., ug/L</u> |
|-------------|------------------|-----------|----------------------------------|
|             | UNKNOWN SILOXANE | 22.50     | 5J                               |

Lab Sample Id: 991047A-03 Client Sample Id: B555A4

| <u>CAS#</u> | <u>Compound</u>             | <u>RT</u> | <u>Estimated<br/>Conc., ug/L</u> |
|-------------|-----------------------------|-----------|----------------------------------|
| 556-67-2    | CYCLOTETRASIOXANE, OCTAMETH | 20.44     | 9JN                              |
|             | UNKNOWN SILOXANE            | 22.50     | 7J                               |

Lab Sample Id: 991047A-04 Client Sample Id: B555B3

| <u>CAS#</u>   | <u>Compound</u> | <u>RT</u> | <u>Estimated<br/>Conc., ug/L</u> |
|---------------|-----------------|-----------|----------------------------------|
| NONE DETECTED |                 |           |                                  |

Lab Sample Id: 991047A-05 Client Sample Id: B555B4

| <u>CAS#</u>   | <u>Compound</u> | <u>RT</u> | <u>Estimated<br/>Conc., ug/L</u> |
|---------------|-----------------|-----------|----------------------------------|
| NONE DETECTED |                 |           |                                  |

See Appendix for qualifier definitions

TABLE VO-2.1  
7099-1047A  
NYSDEC  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Aqueous

Related Method Blank: VBLKKL

Lab Sample Id: VBLKKL Client Sample Id: Method Blank

| <u>CAS#</u> | <u>Compound</u>          | <u>RT</u> | <u>Estimated<br/>Conc., ug/L</u> |
|-------------|--------------------------|-----------|----------------------------------|
| 128-37-0    | BUTYLATED HYDROXYTOLUENE | 23.37     | 20JN                             |

Lab Sample Id: 991047A-01 Client Sample Id: B555C5

| <u>CAS#</u>   | <u>Compound</u> | <u>RT</u> | <u>Estimated<br/>Conc., ug/L</u> |
|---------------|-----------------|-----------|----------------------------------|
| NONE DETECTED |                 |           |                                  |

See Appendix for qualifier definitions

TABLE AS-1.0  
7099-1047A  
NYSDEC  
TAL METALS

Aqueous

All values are ug/L.

| Client Sample I.D. | B555C5     | B555C7     | B555A4     | B555B3     |
|--------------------|------------|------------|------------|------------|
| Lab Sample I.D.    | 991047A-01 | 991047A-02 | 991047A-03 | 991047A-04 |
| Aluminum           | 895.       | 2890       | 2880       | 380.       |
| Antimony           | 3.0U       | 4.1B       | 4.5B       | 4.5B       |
| Arsenic            | 3.0U       | 3.0U       | 4.9B       | 9.9B       |
| Barium             | 18.6B      | 30.5B      | 20.1B      | 240.       |
| Beryllium          | 1.0U       | 1.0U       | 1.2B       | 1.0U       |
| Cadmium            | 1.4B       | 1.8B       | 1.7B       | 2.4B       |
| Calcium            | 60500      | 104000     | 307000     | 162000     |
| Chromium           | 21.0       | 63.1       | 4.9B       | 5.5B       |
| Cobalt             | 2.0U       | 2.0U       | 3.8B       | 2.0U       |
| Copper             | 5.7B       | 12.0B      | 8.9B       | 3.9B       |
| Iron               | 1090       | 4060       | 4010       | 14800      |
| Lead               | 6.8        | 5.7        | 2.0U       | 3.4        |
| Magnesium          | 144000     | 399000     | 1050000    | 90500      |
| Manganese          | 26.0       | 121.       | 328.       | 490.       |
| Mercury            | 0.10U      | 0.10U      | 0.10U      | 0.27       |
| Nickel             | 13.3B      | 40.7       | 18.0B      | 12.0B      |
| Potassium          | 4240B      | 10500      | 28400      | 7320       |
| Selenium           | 4.0UN      | 4.7BN      | 4.0UN      | 4.0UN      |
| Silver             | 2.0U       | 2.0U       | 2.0U       | 2.0U       |
| Sodium             | 46000      | 141000     | 335000     | 64600      |
| Thallium           | 3.0U       | 3.0U       | 3.0U       | 3.0U       |
| Vanadium           | 2.0U       | 3.5B       | 2.7B       | 2.0U       |
| Zinc               | 204.       | 202.       | 88.9       | 17.7B      |

See Appendix for qualifier definitions



TABLE AS-1.1  
7099-1047A  
NYSDEC  
TAL METALS

Aqueous

All values are ug/L.

|                    |            |  |  |  |
|--------------------|------------|--|--|--|
| Client Sample I.D. | B555B4     |  |  |  |
| Lab Sample I.D.    | 991047A-05 |  |  |  |
| Aluminum           | 1090       |  |  |  |
| Antimony           | 3.0U       |  |  |  |
| Arsenic            | 3.0U       |  |  |  |
| Barium             | 13.7B      |  |  |  |
| Beryllium          | 1.0U       |  |  |  |
| Cadmium            | 1.2B       |  |  |  |
| Calcium            | 98400      |  |  |  |
| Chromium           | 2.2B       |  |  |  |
| Cobalt             | 2.0U       |  |  |  |
| Copper             | 2.8B       |  |  |  |
| Iron               | 1230       |  |  |  |
| Lead               | 2.9B       |  |  |  |
| Magnesium          | 367000     |  |  |  |
| Manganese          | 40.4       |  |  |  |
| Mercury            | 0.10U      |  |  |  |
| Nickel             | 7.1B       |  |  |  |
| Potassium          | 10800      |  |  |  |
| Selenium           | 4.0UN      |  |  |  |
| Silver             | 2.0U       |  |  |  |
| Sodium             | 169000     |  |  |  |
| Thallium           | 3.0U       |  |  |  |
| Vanadium           | 3.8B       |  |  |  |
| Zinc               | 242.       |  |  |  |

See Appendix for qualifier definitions

SAMPLE NO.

B555C5

Contract: 915018

SDG No. : 0505

Lab Sample ID: 991047A-01

Date Received: 05/05/99

[illegible]

Comments:

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SAMPLE NO.

B555C7

Lab Name: STL

Contract: 915018

Lab Code: STL Case No.: \_\_\_\_\_

SAS No. : \_\_\_\_\_

SDG No. : 0505

Matrix (soil/water): WATER

Lab Sample ID: 991047A-02

% Solids: 0

Date Received: 05/05/99

[illegible]

Comments:

SAMPLE NO.

B555A4

Contract: 915018

SAS No. : \_\_\_\_\_

SDG No. : 0505

Lab Sample ID: 991047A-03

Date Received: 05/05/99

[illegible]

Comments:

SAMPLE NO.

B555B3

Contract: 915018

SDG No. : 0505

Lab Sample ID: 991047A-04

Date Received: 05/05/99

[illegible]

Comments:

SAMPLE NO.

B555B4

Contract: 915018

SDG No. : 0505

Lab Sample ID: 991047A-05

Date Received: 05/05/99

[illegible]

Comments:

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