

*Concentration of Ammoniacal\_N in groundwater [mg/l]*

## At 30 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Concentration of Ammoniacal\_N in groundwater [mg/l]

|                           |             |            |
|---------------------------|-------------|------------|
| At infinity               |             |            |
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |

*Concentration of Arsenic in groundwater [mg/l]*

## At 30 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Concentration of Arsenic in groundwater [mg/l]

At infinity

|                                      |                        |                       |
|--------------------------------------|------------------------|-----------------------|
| 01% of values less than 0            |                        |                       |
| 05% of values less than 0            |                        |                       |
| 10% of values less than 0            |                        |                       |
| 50% of values less than 0            |                        |                       |
| 90% of values less than 5.62306E-015 |                        |                       |
| 95% of values less than 2.29201E-013 |                        |                       |
| 99% of values less than 1.32965E-011 |                        |                       |
| Minimum 0                            | Maximum 1.7962E-010    |                       |
| Mean 6.82042E-013                    | Std. Dev. 7.54905E-012 | Variance 5.69882E-023 |

*Concentration of Benzene in groundwater [mg/l]*

## At 30 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

*Concentration of Benzene in groundwater [mg/l]*

At infinity

|                           |             |            |
|---------------------------|-------------|------------|
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |

*Concentration of Cadmium in groundwater [mg/l]*

## At 30 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Concentration of Cadmium in groundwater [mg/l]

At infinity

|                                      |                      |                       |
|--------------------------------------|----------------------|-----------------------|
| 01% of values less than 0            |                      |                       |
| 05% of values less than 0            |                      |                       |
| 10% of values less than 0            |                      |                       |
| 50% of values less than 1.08178E-017 |                      |                       |
| 90% of values less than 2.18655E-008 |                      |                       |
| 95% of values less than 8.03787E-008 |                      |                       |
| 99% of values less than 3.5055E-007  |                      |                       |
| Minimum 0                            | Maximum 2.20209E-006 |                       |
| Mean 1.86202E-008                    | Std. Dev. 1.064E-007 | Variance 1.13211E-014 |



*Concentration of Chloride in groundwater [mg/l]*

## At 30 years

01% of values less than 18.5559

05% of values less than 19.7705

10% of values less than 21.4403

50% of values less than 34.9134

90% of values less than 47.6514

95% of values less than 49.6636

99% of values less than 50.7351

Minimum 18

Maximum 50.996

Mean 34.9036

Std. Dev. 9.52104

Variance 90.6501

## At 100 years

01% of values less than 19.0132

05% of values less than 21.664

10% of values less than 24.3408

50% of values less than 41.8202

90% of values less than 63.2077

95% of values less than 74.904

99% of values less than 105.564

Minimum 18.1725

Maximum 130.108

Mean 43.4894

Std. Dev. 17.0731

Variance 291.49

## At 300 years

01% of values less than 23.2127

05% of values less than 27.4048

10% of values less than 29.8318

50% of values less than 44.9772

90% of values less than 58.2055

95% of values less than 60.7151

99% of values less than 68.4241

Minimum 19.0132

Maximum 74.1393

Mean 44.6098

Std. Dev. 10.6587

Variance 113.608

## At 1000 years

01% of values less than 21.5593

05% of values less than 24.1741

10% of values less than 26.6304

50% of values less than 40.6598

90% of values less than 53.1174

95% of values less than 55.3349

99% of values less than 59.917

Minimum 19.0523

Maximum 63.5892

Mean 40.1445

Std. Dev. 9.84828

Variance 96.9885

Concentration of Chloride in groundwater [mg/l]

At infinity

|                                 |                   |                  |
|---------------------------------|-------------------|------------------|
| 01% of values less than 18.5562 |                   |                  |
| 05% of values less than 19.7705 |                   |                  |
| 10% of values less than 21.4403 |                   |                  |
| 50% of values less than 34.9135 |                   |                  |
| 90% of values less than 47.6514 |                   |                  |
| 95% of values less than 49.6636 |                   |                  |
| 99% of values less than 50.7365 |                   |                  |
| Minimum 18                      | Maximum 50.996    |                  |
| Mean 34.9037                    | Std. Dev. 9.52102 | Variance 90.6499 |

*Concentration of Lead in groundwater [mg/l]*

## At 30 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

*Concentration of Lead in groundwater [mg/l]*

At infinity

|                           |             |            |
|---------------------------|-------------|------------|
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |

*Concentration of Naphthalene in groundwater [mg/l]*

## At 30 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Concentration of Naphthalene in groundwater [mg/l]

|                           |             |            |
|---------------------------|-------------|------------|
| At infinity               |             |            |
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |

*Concentration of Phenols in groundwater [mg/l]*

## At 30 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Concentration of Phenols in groundwater [mg/l]

At infinity

|                           |             |            |
|---------------------------|-------------|------------|
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |



*Concentration of Sulphate in groundwater [mg/l]*

## At 30 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 3.68894E-011  
90% of values less than 0.0211203  
95% of values less than 0.0842044  
99% of values less than 0.372919

Minimum 0

Maximum 1.06515

Mean 0.016065

Std. Dev. 0.0754447

Variance 0.0056919

## At 1000 years

01% of values less than 0  
05% of values less than 7.9531E-014  
10% of values less than 0.196136  
50% of values less than 11.9254  
90% of values less than 22.6057  
95% of values less than 26.9288  
99% of values less than 33.2583

Minimum 0

Maximum 47.7988

Mean 12.736

Std. Dev. 7.72249

Variance 59.6368

Concentration of Sulphate in groundwater [mg/l]

At infinity

|                                      |                     |                    |
|--------------------------------------|---------------------|--------------------|
| 01% of values less than 2.22305E-007 |                     |                    |
| 05% of values less than 4.0773E-006  |                     |                    |
| 10% of values less than 4.06484E-005 |                     |                    |
| 50% of values less than 0.00395999   |                     |                    |
| 90% of values less than 0.0597301    |                     |                    |
| 95% of values less than 0.0919504    |                     |                    |
| 99% of values less than 0.190317     |                     |                    |
| Minimum 2.15493E-009                 | Maximum 0.35587     |                    |
| Mean 0.0196745                       | Std. Dev. 0.0399987 | Variance 0.0015999 |

*Concentration of Zinc in groundwater [mg/l]*

## At 30 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Concentration of Zinc in groundwater [mg/l]

|                           |             |            |
|---------------------------|-------------|------------|
| At infinity               |             |            |
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |

**Phase: Phase 2***Concentration of Ammoniacal\_N at base of Unsaturated Zone [mg/l]*

## At 30 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Phase: Phase 2

Concentration of Ammoniacal\_N at base of Unsaturated Zone [mg/l]

At infinity

|                           |             |            |
|---------------------------|-------------|------------|
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |

**Phase: Phase 2***Concentration of Arsenic at base of Unsaturated Zone [mg/l]*

## At 30 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Phase: Phase 2

Concentration of Arsenic at base of Unsaturated Zone [mg/l]

At infinity

|                                      |                        |                       |
|--------------------------------------|------------------------|-----------------------|
| 01% of values less than 0            |                        |                       |
| 05% of values less than 0            |                        |                       |
| 10% of values less than 0            |                        |                       |
| 50% of values less than 0            |                        |                       |
| 90% of values less than 4.88552E-010 |                        |                       |
| 95% of values less than 1.14736E-008 |                        |                       |
| 99% of values less than 2.25875E-007 |                        |                       |
| Minimum 0                            | Maximum 9.92665E-007   |                       |
| Mean 8.84902E-009                    | Std. Dev. 6.52505E-008 | Variance 4.25763E-015 |



**Phase: Phase 2***Concentration of Benzene at base of Unsaturated Zone [mg/l]*

## At 30 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Phase: Phase 2

Concentration of Benzene at base of Unsaturated Zone [mg/l]

At infinity

|                           |             |            |
|---------------------------|-------------|------------|
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |

**Phase: Phase 2***Concentration of Cadmium at base of Unsaturated Zone [mg/l]*

## At 30 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0  
05% of values less than 0  
10% of values less than 0  
50% of values less than 0  
90% of values less than 0  
95% of values less than 0  
99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Phase: Phase 2

Concentration of Cadmium at base of Unsaturated Zone [mg/l]

At infinity

|                                      |                        |                       |
|--------------------------------------|------------------------|-----------------------|
| 01% of values less than 0            |                        |                       |
| 05% of values less than 0            |                        |                       |
| 10% of values less than 0            |                        |                       |
| 50% of values less than 1.88415E-013 |                        |                       |
| 90% of values less than 5.82466E-006 |                        |                       |
| 95% of values less than 1.36871E-005 |                        |                       |
| 99% of values less than 4.5812E-005  |                        |                       |
| Minimum 0                            | Maximum 0.000148502    |                       |
| Mean 2.51019E-006                    | Std. Dev. 9.99634E-006 | Variance 9.99269E-011 |

**Phase: Phase 2***Concentration of Chloride at base of Unsaturated Zone [mg/l]*

## At 30 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 4.54633E-011

95% of values less than 1.28119E-008

99% of values less than 5.31871E-007

Minimum 0

Maximum 1.1469E-005

Mean 3.30399E-008

Std. Dev. 4.28037E-007

Variance 1.83215E-013

## At 100 years

01% of values less than 0

05% of values less than 0

10% of values less than 2.6963E-009

50% of values less than 43.4124

90% of values less than 182.402

95% of values less than 228.113

99% of values less than 298.054

Minimum 0

Maximum 335.182

Mean 69.8837

Std. Dev. 78.3995

Variance 6146.48

## At 300 years

01% of values less than 0

05% of values less than 0.508118

10% of values less than 47.6731

50% of values less than 63.0269

90% of values less than 71.0386

95% of values less than 72.5083

99% of values less than 74.9452

Minimum 0

Maximum 78.1767

Mean 58.824

Std. Dev. 16.705

Variance 279.058

## At 1000 years

01% of values less than 0.303667

05% of values less than 12.679

10% of values less than 17.7674

50% of values less than 31.957

90% of values less than 44.8977

95% of values less than 47.3233

99% of values less than 53.5643

Minimum 0

Maximum 69.9404

Mean 31.4467

Std. Dev. 10.8893

Variance 118.576

**Phase: Phase 2**

*Concentration of Chloride at base of Unsaturated Zone [mg/l]*

At infinity

|                                      |                    |                       |
|--------------------------------------|--------------------|-----------------------|
| 01% of values less than 0            |                    |                       |
| 05% of values less than 3.87403E-010 |                    |                       |
| 10% of values less than 1.47685E-009 |                    |                       |
| 50% of values less than 8.78824E-007 |                    |                       |
| 90% of values less than 0.000320086  |                    |                       |
| 95% of values less than 0.000797348  |                    |                       |
| 99% of values less than 0.00266992   |                    |                       |
| Minimum 0                            | Maximum 0.00681217 |                       |
| Mean 0.000146276                     | Std. Dev. 0.000519 | Variance 2.69361E-007 |

**Phase: Phase 2***Concentration of Lead at base of Unsaturated Zone [mg/l]*

## At 30 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Phase: Phase 2

Concentration of Lead at base of Unsaturated Zone [mg/l]

At infinity

|                           |             |            |
|---------------------------|-------------|------------|
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |



**Phase: Phase 2***Concentration of Naphthalene at base of Unsaturated Zone [mg/l]*

## At 30 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Phase: Phase 2

Concentration of Naphthalene at base of Unsaturated Zone [mg/l]

At infinity

|                           |             |            |
|---------------------------|-------------|------------|
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |

**Phase: Phase 2***Concentration of Phenols at base of Unsaturated Zone [mg/l]*

## At 30 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Phase: Phase 2

Concentration of Phenols at base of Unsaturated Zone [mg/l]

At infinity

|                           |             |            |
|---------------------------|-------------|------------|
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |

**Phase: Phase 2***Concentration of Sulphate at base of Unsaturated Zone [mg/l]*

## At 30 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 9.96048E-018

Mean 1.53667E-020

Std. Dev. 3.58286E-019

Variance 1.28369E-037

## At 300 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 3.72732E-007

90% of values less than 4.76842

95% of values less than 14.0281

99% of values less than 40.7886

Minimum 0

Maximum 79.1847

Mean 2.10735

Std. Dev. 7.51895

Variance 56.5346

## At 1000 years

01% of values less than 0

05% of values less than 3.38903E-010

10% of values less than 11.9063

50% of values less than 80.9824

90% of values less than 92.6123

95% of values less than 94.5332

99% of values less than 97.8699

Minimum 0

Maximum 102.214

Mean 72.3408

Std. Dev. 26.6196

Variance 708.601

**Phase: Phase 2**

*Concentration of Sulphate at base of Unsaturated Zone [mg/l]*

At infinity

|                                      |                    |                   |
|--------------------------------------|--------------------|-------------------|
| 01% of values less than 4.42784E-008 |                    |                   |
| 05% of values less than 6.43933E-006 |                    |                   |
| 10% of values less than 9.39497E-005 |                    |                   |
| 50% of values less than 0.0124693    |                    |                   |
| 90% of values less than 0.239852     |                    |                   |
| 95% of values less than 0.38391      |                    |                   |
| 99% of values less than 0.755862     |                    |                   |
| Minimum 2.05735E-009                 | Maximum 16.4236    |                   |
| Mean 0.0985412                       | Std. Dev. 0.594362 | Variance 0.353267 |

**Phase: Phase 2***Concentration of Zinc at base of Unsaturated Zone [mg/l]*

## At 30 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 100 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 300 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

## At 1000 years

01% of values less than 0

05% of values less than 0

10% of values less than 0

50% of values less than 0

90% of values less than 0

95% of values less than 0

99% of values less than 0

Minimum 0

Maximum 0

Mean 0

Std. Dev. 0

Variance 0

Phase: Phase 2

Concentration of Zinc at base of Unsaturated Zone [mg/l]

At infinity

|                           |             |            |
|---------------------------|-------------|------------|
| 01% of values less than 0 |             |            |
| 05% of values less than 0 |             |            |
| 10% of values less than 0 |             |            |
| 50% of values less than 0 |             |            |
| 90% of values less than 0 |             |            |
| 95% of values less than 0 |             |            |
| 99% of values less than 0 |             |            |
| Minimum 0                 | Maximum 0   |            |
| Mean 0                    | Std. Dev. 0 | Variance 0 |