Project Number: Risk 0060

Write Project Notes Here

Customer: CWoodcote Quarry Landfill

Phase: Phase 1

Concentration of Ammoniacal_N at Phase Monitor Well [mg/l]

At 30 years

01% of values less than 0.06

05% of values less than 0.06

10% of values less than 0.06

50% of values less than 0.06

90% of values less than 0.06

95% of values less than 0.06

99% of values less than 0.06

Minimum 0.06

Maximum 0.0600001 Std. Dev. 4.90689E-009

Mean 0.06

Variance 2.40775E-017

At 100 years

01% of values less than 0.06

05% of values less than 0.06

10% of values less than 0.06

50% of values less than 0.0600002

90% of values less than 0.0600026

95% of values less than 0.0600053

99% of values less than 0.0600132

Minimum 0.06 Maximum 0.0600708

Mean 0.0600011 Std. Dev. 3.48575E-006 Variance 1.21505E-011

At 300 years

01% of values less than 0.06

05% of values less than 0.06

10% of values less than 0.06

50% of values less than 0.06

90% of values less than 0.06

95% of values less than 0.0600002

99% of values less than 0.0600036

Minimum 0.06 Maximum 0.0600151

Mean 0.0600001 Std. Dev. 9.54041E-007 Variance 9.10194E-013

At 1000 years

01% of values less than 0.06

05% of values less than 0.06

10% of values less than 0.06

50% of values less than 0.06

90% of values less than 0.06

95% of values less than 0.06

99% of values less than 0.0600013

Minimum 0.06 Maximum 0.0600089

Mean 0.06 Std. Dev. 4.33632E-007 Variance 1.88037E-013

Project Number: Risk 0060 Customer: CWoodcote Quarry Landfill

Write Project Notes Here

Phase: Phase 1

Concentration of Ammoniacal_N at Phase Monitor Well [mg/l]

At infinity

01% of values less than 0.06

05% of values less than 0.06

10% of values less than 0.06

50% of values less than 0.06

90% of values less than 0.06

95% of values less than 0.06

99% of values less than 0.0600005

Minimum 0.06 Maximum 0.0600039

Mean 0.06 Std. Dev. 2.05339E-007

Variance 4.21643E-014

Project Number: Risk 0060

Write Project Notes Here

Customer: CWoodcote Quarry Landfill

Phase: Phase 1

Concentration of Cadmium at Phase Monitor Well [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

Project Number: Risk 0060 Customer: CWoodcote Quarry Landfill

Write Project Notes Here

Phase: Phase 1

Concentration of Cadmium at Phase Monitor Well [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

Project Number: Risk 0060

Write Project Notes Here

Customer: CWoodcote Quarry Landfill

Phase: Phase 1

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Concentration of Chloride at Phase Monitor Well [mg/l]

At 30 years

01% of values less than 29.4886

05% of values less than 29.8407

10% of values less than 30.1119

50% of values less than 31.3918

90% of values less than 32.822

95% of values less than 33.5044

99% of values less than 34.7555

Minimum 29.1263

Maximum 36.7727

Mean 31.441 Std. Dev. 1.11655

Variance 1.24668

At 100 years

01% of values less than 29.3903

05% of values less than 29.7215

10% of values less than 29.9277

50% of values less than 31.1186

90% of values less than 32.2309

95% of values less than 32.7289

99% of values less than 33.5411

Minimum 29.1073

Maximum 34.5726

Mean 31.099 Std. Dev. 0.919865

Variance 0.846152

At 300 years

01% of values less than 29.2846

05% of values less than 29.5132

10% of values less than 29.6896

50% of values less than 30.7891

90% of values less than 31.7896

95% of values less than 32.0228

99% of values less than 32.6371

Minimum 29.0854 Maximum 33.367

Mean 30.7639 Std. Dev. 0.797449 Variance 0.635925

At 1000 years

01% of values less than 29.0978

05% of values less than 29.2036

10% of values less than 29.3432

50% of values less than 30.3453

90% of values less than 31.2965

95% of values less than 31.4152

99% of values less than 31.5987

Minimum 29.0486 Maximum 32.2481

Mean 30.3425 Std. Dev. 0.716803 Variance 0.513807

Project Number: Risk 0060

Write Project Notes Here

sk 0060 Customer: CWoodcote Quarry Landfill

Phase: Phase 1

Concentration of Chloride at Phase Monitor Well [mg/l]

At infinity

01% of values less than 29.0168

05% of values less than 29.1145

10% of values less than 29.2317

50% of values less than 30.2306

90% of values less than 31.1907

95% of values less than 31.3204

99% of values less than 31.3864

Minimum 29.0001

Maximum 31.3959

Mean 30.221 Std. Dev. 0.701406

Variance 0.491971

Project Number: Risk 0060

Write Project Notes Here

Customer: CWoodcote Quarry Landfill

Phase: Phase 1

Concentration of Copper at	Phase Me	onitor Well	[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

Project Number: Risk 0060 Customer: CWoodcote Quarry Landfill

Write Project Notes Here

Phase: Phase 1

Concentration of Copper at Phase Monitor Well [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

Project Number: Risk 0060 Write Project Notes Here Customer: CWoodcote Quarry Landfill

Phase: Phase 1

Concentration of Mercury at Phase Monitor Well [mg/l]

At 30 years

01% of values less than 5.17396E-005

05% of values less than 6.03909E-005

10% of values less than 7.02368E-005

50% of values less than 0.000147989

90% of values less than 0.000219549

95% of values less than 0.000228954

99% of values less than 0.000238243

Minimum 5.01392E-005 Maximum 0.000239936

Mean 0.000146638 Std. Dev. 5.41572E-005 Variance 2.933E-009

At 100 years

01% of values less than 5.17396E-005

05% of values less than 6.03909E-005

10% of values less than 7.02368E-005

50% of values less than 0.000147989

90% of values less than 0.000219549

95% of values less than 0.000228954

99% of values less than 0.000238243

Minimum 5.01392E-005 Maximum 0.000239936

Mean 0.000146638 Std. Dev. 5.41572E-005 Variance 2.933E-009

At 300 years

01% of values less than 5.17396E-005

05% of values less than 6.03909E-005

10% of values less than 7.02368E-005

50% of values less than 0.000147989

90% of values less than 0.000219549

95% of values less than 0.000228954

99% of values less than 0.000238243

Minimum 5.01392E-005 Maximum 0.000239936

Mean 0.000146638 Std. Dev. 5.41572E-005 Variance 2.933E-009

At 1000 years

01% of values less than 5.17396E-005

05% of values less than 6.03909E-005

10% of values less than 7.02368E-005

50% of values less than 0.000147989

90% of values less than 0.000219549

95% of values less than 0.000228954

99% of values less than 0.000238243

Minimum 5.01392E-005

Maximum 0.000239936

Mean 0.000146638 Std. Dev. 5.41572E-005 Variance 2.933E-009

Project Number: Risk 0060

Customer: CWoodcote Quarry Landfill

Write Project Notes Here

Phase: Phase 1

Concentration of Mercury at Phase Monitor Well [mg/l]

At infinity

01% of values less than 5.2504E-005

05% of values less than 6.11127E-005

10% of values less than 7.06913E-005

50% of values less than 0.000148746

90% of values less than 0.000219827

95% of values less than 0.000230317

99% of values less than 0.000239185

Minimum 5.0145E-005

Maximum 0.000243193

Mean 0.000147391 Std. Dev. 5.41723E-005

Variance 2.93464E-009

Project Number: Risk 0060

Customer: CWoodcote Quarry Landfill

Write Project Notes Here

Phase: Phase 1

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

Project Number: Risk 0060 Customer: CWoodcote Quarry Landfill

Write Project Notes Here

Phase: Phase 1

Concentration of Naphthalene at Phase Monitor Well [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

Project Number: Risk 0060

Customer: CWoodcote Quarry Landfill

Write Project Notes Here

Phase: Phase 1

Concentration of Toluene	at Phase Monitor	Well [ma/l]
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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

Customer: CWoodcote Quarry Landfill

Project: Wodcote Quarry Landfill

Project Number: Risk 0060

Write Project Notes Here

Phase: Phase 1

Concentration of Toluene at Phase Monitor Well [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

Project Number: Risk 0060

Write Project Notes Here

Customer: CWoodcote Quarry Landfill

Phase: Phase 1

Concentration of Zinc at Phase Monitor Well [mg/l]

At 30 years

01% of values less than 0.0314495

05% of values less than 0.0351241

10% of values less than 0.0405148

50% of values less than 0.0903446

90% of values less than 0.134053

95% of values less than 0.138946

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99% of values less than 0.144073

Minimum 0.0300386

Mean 0.0883738

Maximum 0.144825

Std. Dev. 0.0337989

Variance 0.00114236

At 100 years

01% of values less than 0.0314495

05% of values less than 0.0351241

10% of values less than 0.0405148

50% of values less than 0.0903446

90% of values less than 0.134053

95% of values less than 0.138946

99% of values less than 0.144073

Minimum 0.0300386

Maximum 0.144825

Mean 0.0883738 Std. Dev. 0.0337989

Variance 0.00114236

At 300 years

01% of values less than 0.0314495

05% of values less than 0.0351241

10% of values less than 0.040564

50% of values less than 0.0905411

90% of values less than 0.134053

95% of values less than 0.138999

99% of values less than 0.144137

Minimum 0.0300386 Maximum 0.144827

Mean 0.0884356 Std. Dev. 0.0338147 Variance 0.00114343

At 1000 years

01% of values less than 0.031646

05% of values less than 0.0368262

10% of values less than 0.0413993

50% of values less than 0.0931022

90% of values less than 0.136254

95% of values less than 0.140581

99% of values less than 0.147081

Minimum 0.0300386

Maximum 0.154485

Mean 0.0903748 Std. Dev. 0.0341292 Variance 0.0011648

Project Number: Risk 0060 Customer: CWoodcote Quarry Landfill

Write Project Notes Here

Phase: Phase 1

Concentration of Zinc at Phase Monitor Well [mg/l]

At infinity

01% of values less than 0.0314646

05% of values less than 0.0351245

10% of values less than 0.0405796

50% of values less than 0.0903446

90% of values less than 0.134053

95% of values less than 0.138946

99% of values less than 0.144074

Minimum 0.0300386

Maximum 0.144914

Mean 0.0884059 Std. Dev. 0.0337949

Variance 0.0011421