

APPENDIX 7

Statistical Methodology





Appendix 7 Statistical Methodology
Table 1 Outlier Dixon's Test Result
(from Attachment 1C.5.1 South Terrace, Pond 1 AA Storage Yard)

Outlier Tests for Selected Uncensored Variables

User Selected Options

Date/Time of Computation ProUCL 5.11/31/2017 4:01:51 PM
From File WorkSheet.xls
Full Precision OFF

Dixon's Outlier Test for Iron

Number of Observations = 9
10% critical value: 0.441
5% critical value: 0.512
1% critical value: 0.635

1. Observation Value 19900 is a Potential Outlier (Upper Tail)?

Test Statistic: 0.589

For 10% significance level, 19900 is an outlier.

For 5% significance level, 19900 is an outlier.

For 1% significance level, 19900 is not an outlier.

2. Observation Value 10300 is a Potential Outlier (Lower Tail)?

Test Statistic: 0.140

For 10% significance level, 10300 is not an outlier.

For 5% significance level, 10300 is not an outlier.

For 1% significance level, 10300 is not an outlier.