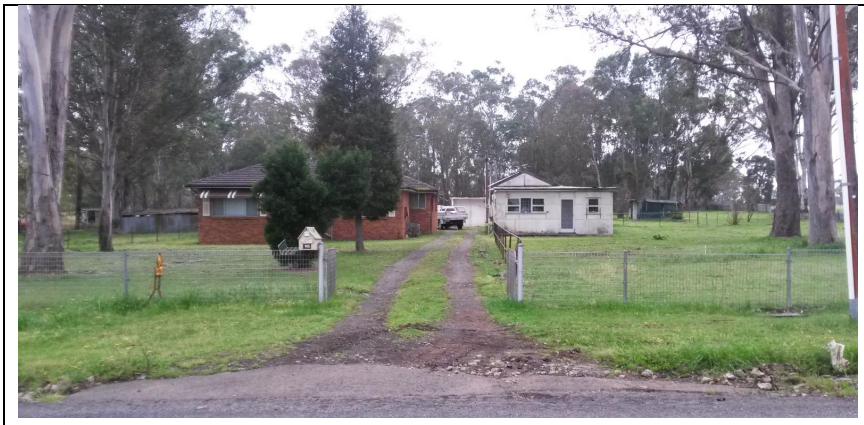
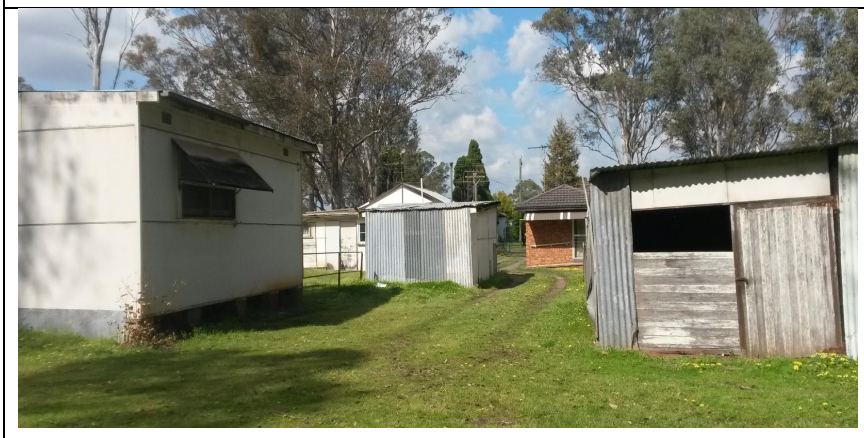
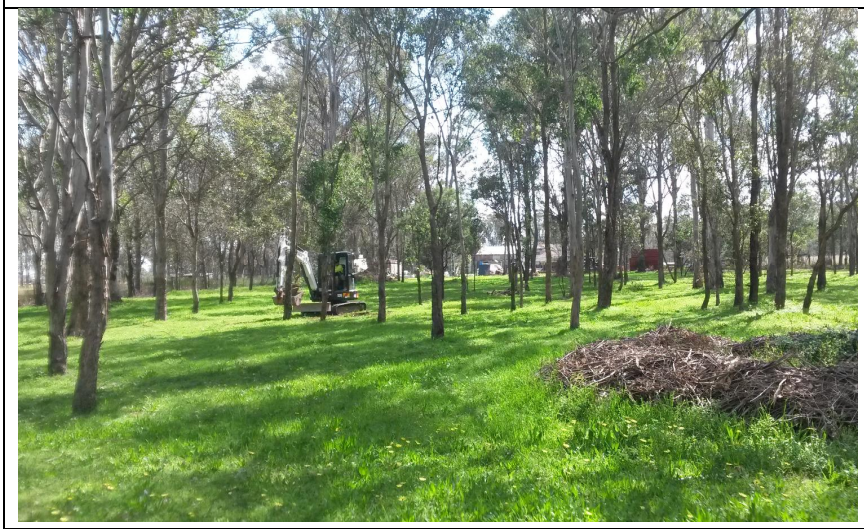
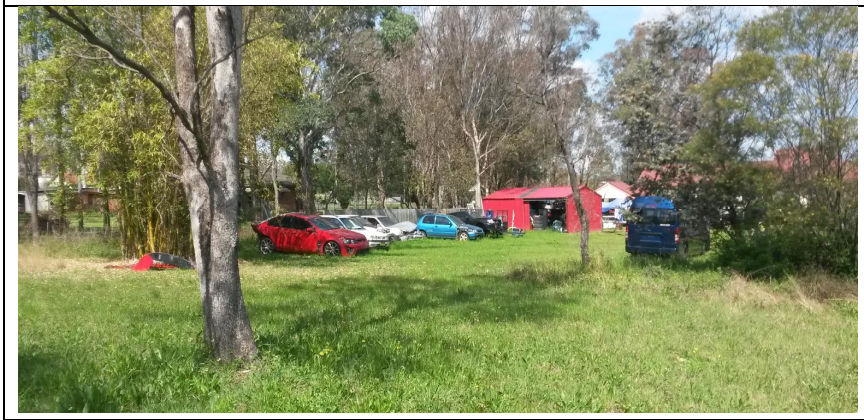
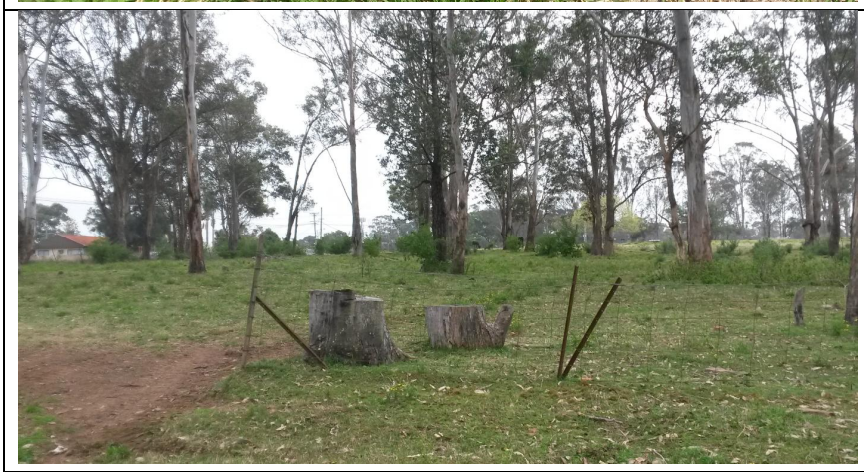
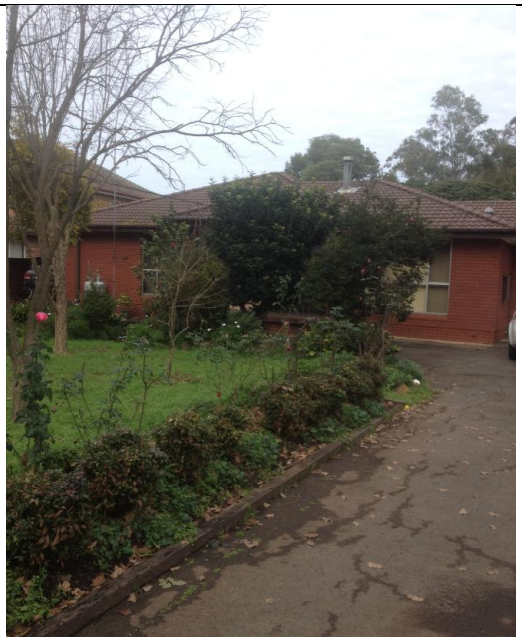
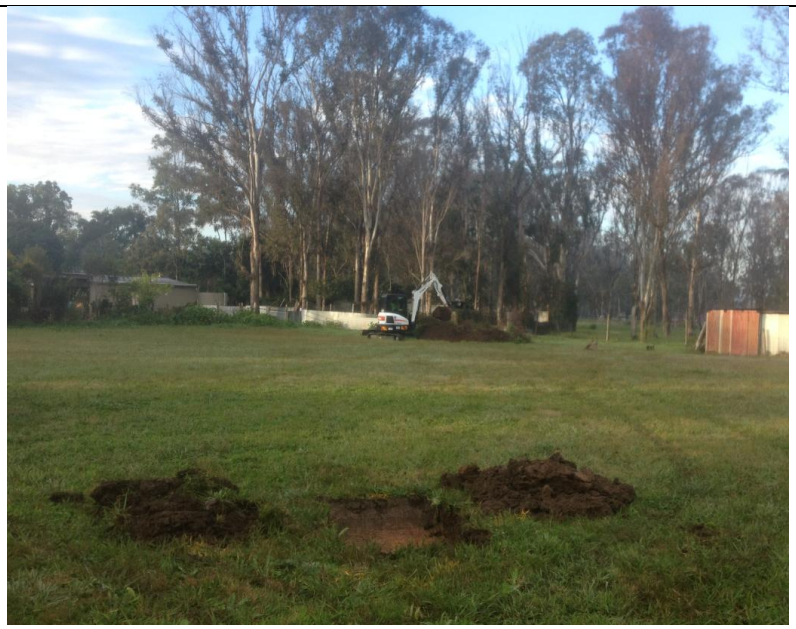
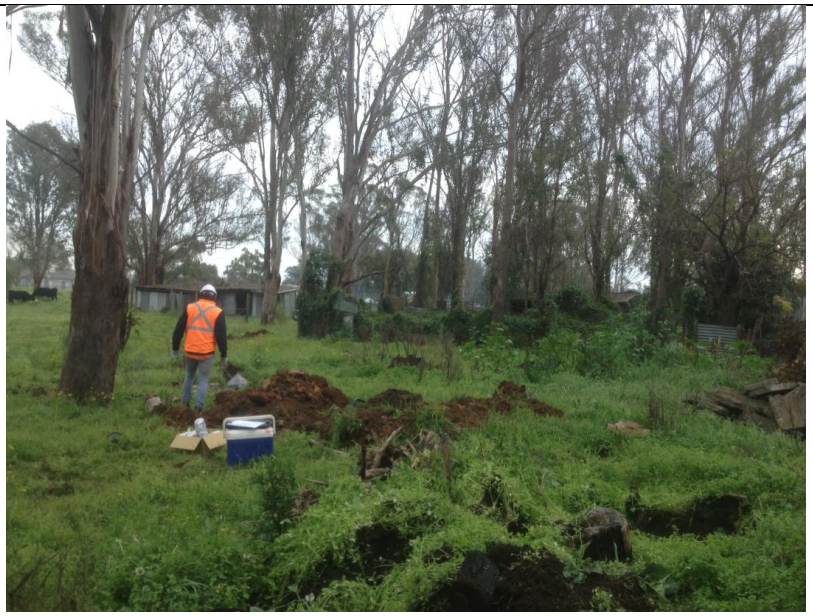
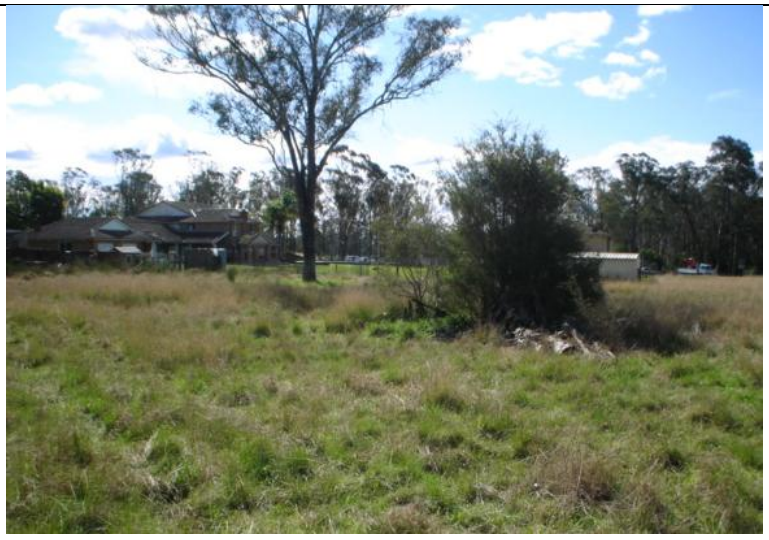
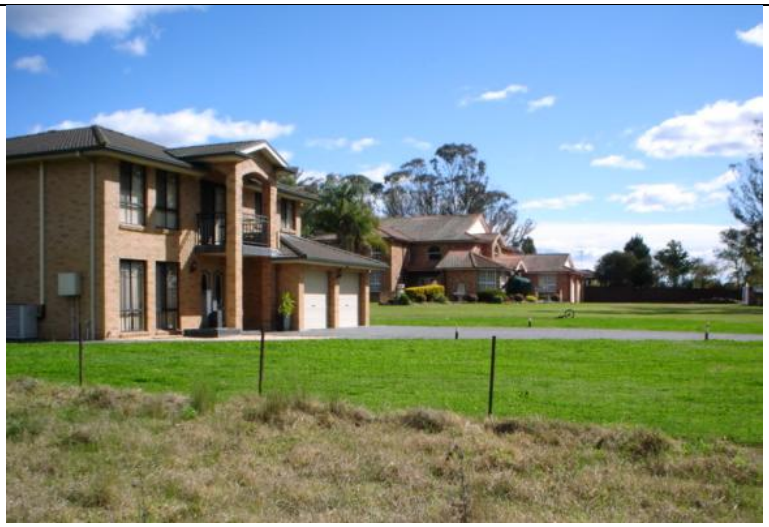
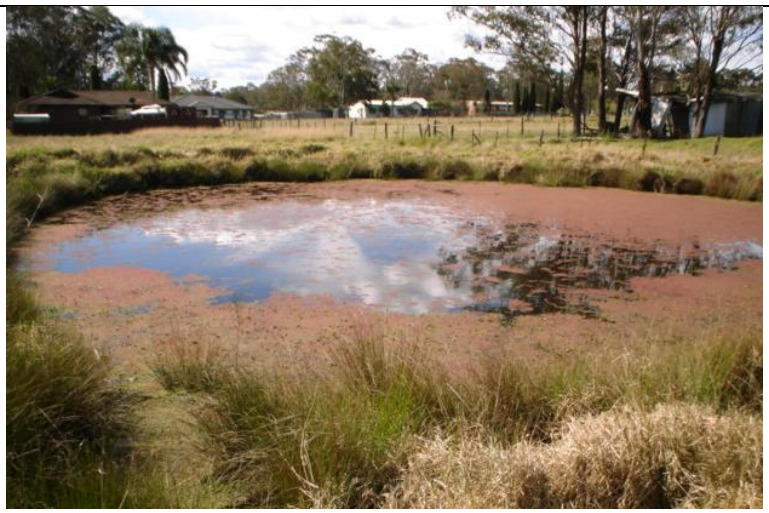
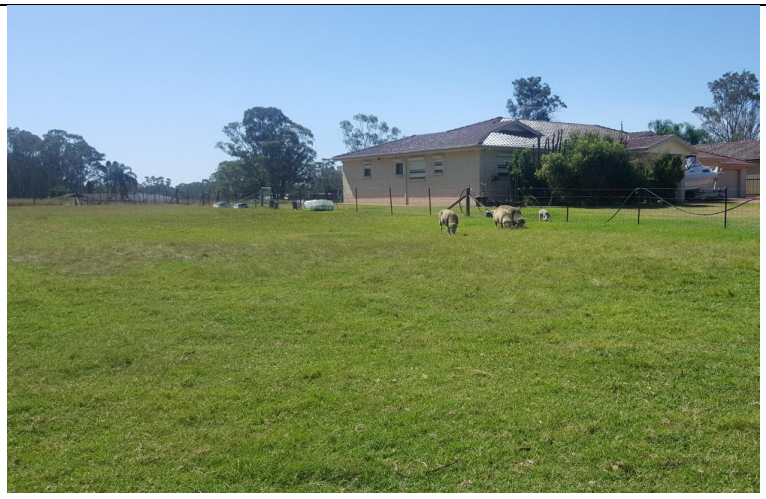
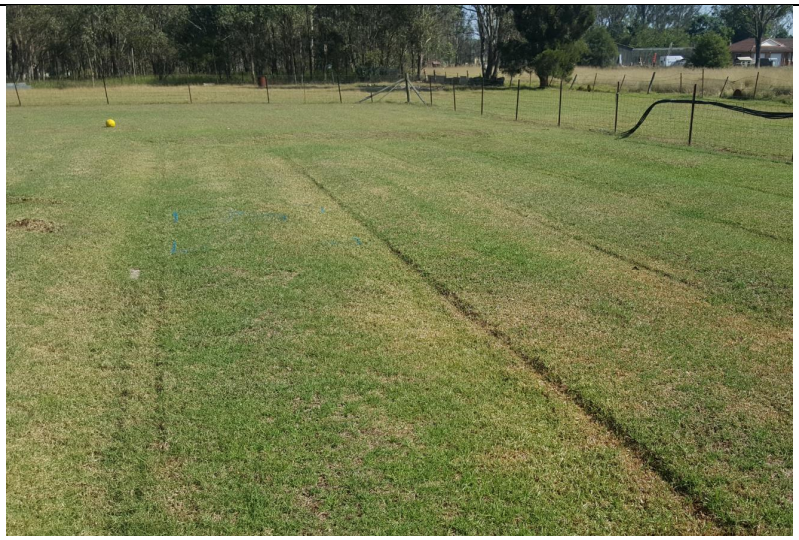
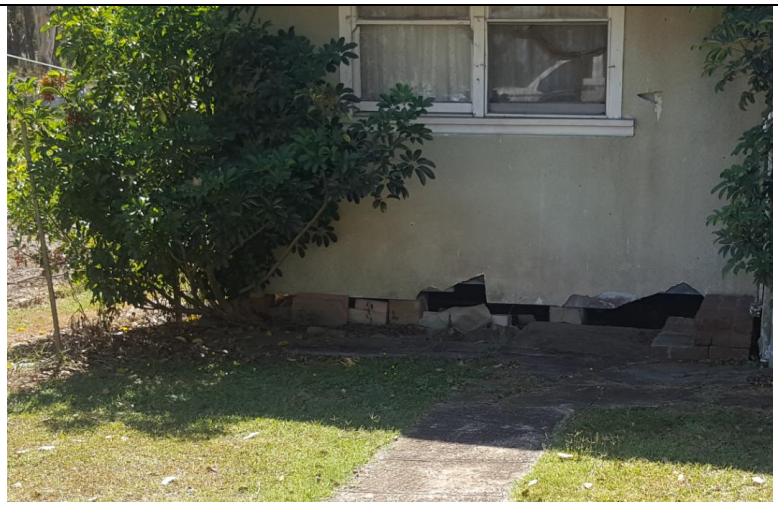
	**Photograph 1:** Photograph taken from Tenth Ave, showing the 145 Tenth Avenue, showing the residential property and associated fibre cement sheds.
	**Photograph 2:** Photograph taken from rear of 145 Tenth Avenue, showing the fibre cement sheds at the rear of the property.
	**Photograph 3:** Photograph taken from the rear of 145 Tenth Avenue, showing the grassed and vegetated north section of the property.
	**Photograph 4:** Photograph taken from the central section of 155 Tenth Ave, showing the rear of the residential property and the garden bed to the right of the photograph.

	**Photograph 5:** Photograph taken from the north/central section of 155 Tenth Ave, showing the fibre cement fragments located within the garden bed (SS2).
	**Photograph 6:** Photograph taken from the north section of 165 Tenth Ave, showing the north-west section of the site.
	**Photograph 7:** Photograph taken from the north section of 170 Eleventh Ave, showing the residential property.

	**Photograph 8:** Photograph taken from the north-west section of 170 Eleventh Ave, showing the testpit location TP29. Note the stockpile is located in the background.
	**Photograph 9:** Photograph taken from the south of the residential building at section of 170 Eleventh Ave, showing the testpit location TP33.
	**Photograph 10:** Photograph taken from the south of the residential property 140 Eleventh Ave.

	**Photograph 11:** Photograph showing the residential properties located in the north/central (foreground) and north-east (background) at 140 Eleventh Ave,
	**Photograph 12:** Photograph showing the dam located in the south-east section of 140 Eleventh Ave.
	**Photograph 13:** Photograph showing the grassed area and residential building located at 135 Tenth Ave.

	**Photograph 14:** Photograph showing former furrowing in the north-east section of 135 Tenth Ave. EIS note test pit TP55 was excavated in this area.
	**Photograph 15:** Photograph showing the dilapidated building constructed of fibre cement sheeting, located in the south-west section of 135 Tenth Ave.

Appendix F: Field Work Documents

Dam Water Sampling Report

Client:	CATHOLIC EDUCATION OFFICE	**Job No.:**	E27556K
Project:	PROPOSED SCHOOL	**Ref No.:**	DAM1
Location:	140 ELEVENTH AVE, AUSTRAL, NSW	**Depth (m):**	NA

WELL DETAILS Dam.

Gatic Cover	**Standpipe**	**PVC Pipe**

MONITORING WELL SAMPLING DETAILS

Method:	Direct filling	**SWL (m):**	NA
Date:	3-9-15	**Time:**	12:15
Undertaken By:	JS	**PID (ppm):**	NA

FIELD MEASUREMENTS

Volume Removed (L)	Temp (°C)	pH	EC (S/m)	DO (mg/L)	Eh (mV)
	14.4	6.83	420	2.2	175.3
	14.5	6.80	420.2	2.0	172.2

Comments: No sheen, no odours, amber in colour

Tested By:	SS
Date Tested:	3/9/15
Checked By:	MA
Date:	3/9/15

Remarks:

- SWL is an abbreviation for standing water level
- EC is electrical conductivity
- DO is dissolved oxygen
- Eh is redox potential

Appendix G: Calculation Sheets

	A	B	C	D	E	F	G	H	I	J	K	L
1	UCL Statistics for Uncensored Full Data Sets											
2												
3	User Selected Options											
4	Date/Time of Computation	18/04/2016 3:30:20 PM										
5	From File	WorkSheet.xls										
6	Full Precision	OFF										
7	Confidence Coefficient	95%										
8	Number of Bootstrap Operations	2000										
9												
10												
11	lead											
12												
13	General Statistics											
14	Total Number of Observations					15		Number of Distinct Observations				12
15								Number of Missing Observations				0
16	Minimum					12		Mean				53.67
17	Maximum					460		Median				22
18	SD					113.1		Std. Error of Mean				29.19
19	Coefficient of Variation					2.107		Skewness				3.798
20												
21	Normal GOF Test											
22	Shapiro Wilk Test Statistic					0.363		Shapiro Wilk GOF Test				
23	5% Shapiro Wilk Critical Value					0.881		Data Not Normal at 5% Significance Level				
24	Lilliefors Test Statistic					0.425		Lilliefors GOF Test				
25	5% Lilliefors Critical Value					0.229		Data Not Normal at 5% Significance Level				
26	Data Not Normal at 5% Significance Level											
27												
28	Assuming Normal Distribution											
29	95% Normal UCL							95% UCLs (Adjusted for Skewness)				
30	95% Student's-t UCL					105.1		95% Adjusted-CLT UCL (Chen-1995)				132.3
31								95% Modified-t UCL (Johnson-1978)				109.9
32												
33	Gamma GOF Test											
34	A-D Test Statistic					2.95		Anderson-Darling Gamma GOF Test				
35	5% A-D Critical Value					0.769		Data Not Gamma Distributed at 5% Significance Level				
36	K-S Test Statistic					0.391		Kolmogrov-Smirnoff Gamma GOF Test				
37	5% K-S Critical Value					0.229		Data Not Gamma Distributed at 5% Significance Level				
38	Data Not Gamma Distributed at 5% Significance Level											
39												
40	Gamma Statistics											
41	k hat (MLE)					0.878		k star (bias corrected MLE)				0.747
42	Theta hat (MLE)					61.11		Theta star (bias corrected MLE)				71.84
43	nu hat (MLE)					26.35		nu star (bias corrected)				22.41
44	MLE Mean (bias corrected)					53.67		MLE Sd (bias corrected)				62.09
45								Approximate Chi Square Value (0.05)				12.65
46	Adjusted Level of Significance					0.0324		Adjusted Chi Square Value				11.75
47												
48	Assuming Gamma Distribution											
49	95% Approximate Gamma UCL (use when n>=50))					95.1		95% Adjusted Gamma UCL (use when n<50)				102.4
50												
51	Lognormal GOF Test											
52	Shapiro Wilk Test Statistic					0.676		Shapiro Wilk Lognormal GOF Test				
53	5% Shapiro Wilk Critical Value					0.881		Data Not Lognormal at 5% Significance Level				
54	Lilliefors Test Statistic					0.326		Lilliefors Lognormal GOF Test				
55	5% Lilliefors Critical Value					0.229		Data Not Lognormal at 5% Significance Level				
56	Data Not Lognormal at 5% Significance Level											
57												

	A	B	C	D	E	F	G	H	I	J	K	L
58	Lognormal Statistics											
59					Minimum of Logged Data	2.485			Mean of logged Data			3.315
60					Maximum of Logged Data	6.131			SD of logged Data			0.875
61												
62	Assuming Lognormal Distribution											
63					95% H-UCL	73.29			90% Chebyshev (MVUE) UCL			67.54
64					95% Chebyshev (MVUE) UCL	80.44			97.5% Chebyshev (MVUE) UCL			98.35
65					99% Chebyshev (MVUE) UCL	133.5						
66												
67	Nonparametric Distribution Free UCL Statistics											
68	Data do not follow a Discernible Distribution (0.05)											
69												
70	Nonparametric Distribution Free UCLs											
71					95% CLT UCL	101.7			95% Jackknife UCL			105.1
72					95% Standard Bootstrap UCL	100.1			95% Bootstrap-t UCL			479.4
73					95% Hall's Bootstrap UCL	385.2			95% Percentile Bootstrap UCL			111
74					95% BCA Bootstrap UCL	142.2						
75					90% Chebyshev(Mean, Sd) UCL	141.2			95% Chebyshev(Mean, Sd) UCL			180.9
76					97.5% Chebyshev(Mean, Sd) UCL	236			99% Chebyshev(Mean, Sd) UCL			344.1
77												
78	Suggested UCL to Use											
79					95% Chebyshev (Mean, Sd) UCL	180.9						
80												
81	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
82	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)											
83	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.											
84	For additional insight the user may want to consult a statistician.											
85												