

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/12/08

Time: 7:30

Calibrated By: Royanne Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: Metro PW Unit 1

Serial Number: 20070924

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>71019</u>	<u>4/09</u>	<u>0.02</u>	<u>-05</u>
10.0 Standard	<u>70957</u>	<u>3/09</u>	<u>10.04</u>	<u>10.04 9.90</u>
1,000 Standard	<u>71046</u>	<u>3/09</u>	<u>1000</u>	<u>1007</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/12/08 Time: 7:30 Calibrated By: R Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____ Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: 2007 2100A 260 Serial Number: 0204000288572

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0-0.02 Standard ^{5.95}	<u>24641-01</u>	_____	<u>5.96</u>	<u>6.11</u>
0-100 10.0 Standard ^{54.2}	<u>24641-02</u>	_____	<u>55.0</u>	<u>54.6</u>
0-100 1,000 Standard ^{54.9}	<u>24641-03</u>	_____	<u>55.4</u>	<u>55.1</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/12/08

Time: 7:30

Calibrated By: R Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using pH 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

pH Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: HACH 2100 P

Serial Number: 1212

Turbidity Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
0-70 0.02 Standard <u>5.99</u>	<u>24641-01</u>	_____	<u>6.55</u>	<u>6.00</u>
10.0 Standard <u>5.34</u>	<u>24641-02</u>	_____	<u>5.40</u>	<u>5.3.2</u>
1,000 Standard <u>5.32</u>	<u>24641-03</u>	_____	<u>5.14</u>	<u>5.18</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 133999

Date: 3/12/08

Time: _____

Calibrated By: L. Banninger

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSI

Serial Number: 1952

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7A1033</u>	<u>09/09</u>	<u>4.0</u>	<u>4.05</u>
Buffer 7.0	<u>7AC133</u>	<u> </u>	<u>7.03</u>	<u>6.95</u>
Buffer 10.0	<u>7AC099</u>	<u> </u>	<u>10.10</u>	<u>9.53</u>
Temperature (C)	<u>65</u>			<u>65.78</u>

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm				
Calibrate 1413 uS/cm	<u>7A1088</u>	<u>8/08</u>	<u>1413 1423</u>	<u>1427</u>
Calibrate 8974 uS/cm	<u>7AH104</u>	<u>8/08</u>	<u>8974</u>	<u>8462</u>
15,000 uS/cm	<u>7AJ080</u>	<u>8/08</u>	<u>4943</u>	<u>13768</u>
Temperature (C)				

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv				
Temperature (C)				

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution				
Mg/L				
Barometer (in Hg)				
Temperature (C)				

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard				
10.0 Standard				
1,000 Standard				
Temperature (C)				

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 133999

Date: 3/12/08

Time: 0730

Calibrated By: C. STRAUSS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: 07G100508
YSI 556 mps

Serial Number: 07G100508

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7A1033</u>	<u>9/09</u>	<u>3.98</u>	<u>4.04</u>
Buffer 7.0	<u>7AC133</u>	<u>3/09</u>	<u>7.04</u>	<u>7.05</u>
Buffer 10.0	<u>7AC099</u>	<u>3/09</u>	<u>10.00</u>	<u>10.01</u>
Temperature (C)				<u>20.0</u>

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AG009</u>	<u>7/09</u>	<u>148</u>	<u>158</u>
*1413 uS/cm	<u>7AH088</u>	<u>8/08</u>	<u>1413</u>	<u>1403</u>
8974 uS/cm	<u>7AH181</u>	<u>8/08</u>	<u>8896</u>	<u>9128</u>
15,000 uS/cm	<u>-</u>	<u>-</u>	<u>-</u>	
Temperature (C)				

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	<u>7AK191</u>	<u>5/08</u>	<u>220.0</u>	<u>206.5</u>
Temperature (C)	<u>59.64</u>		<u>59.64</u>	<u>70.65</u>

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	<u>2707387</u>	<u>7/08</u>	<u>0.06</u>	<u>0.07</u>
Mg/L			<u>8.53</u>	
Barometer (in Hg)	<u>6</u>		<u>649.2</u>	
Temperature (C)			<u>60.14°F</u>	

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 133999

Date: 3/12/08

Time: 07:30

Calibrated By: T. Richards

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: Y51

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7A1033</u>	<u>9/09</u>	<u>3.99</u>	<u>4.04</u>
Buffer 7.0	<u>7AC133</u>	<u>9/09</u>	<u>6.98</u>	<u>7.04</u>
Buffer 10.0	<u>7AC099</u>	<u>9/09</u>	<u>10.00</u>	<u>9.94</u>
Temperature (°F)	<u>60.39</u>	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AG009</u>	<u>7/08</u>	<u>446</u>	<u>466</u>
1413 uS/cm	<u>7AH088</u>	<u>8/08</u>	<u>1415</u>	<u>1391</u>
8974 uS/cm	<u>7AH104</u>	<u>8/08</u>	<u>8892</u>	<u>8726</u>
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	<u>7AK191</u>	<u>5/08</u>	<u>219.9</u>	<u>208.2</u>
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	<u>2707387</u>	<u>7/08</u>	<u>0.20</u>	<u>0.18</u>
Mg/L	_____	_____	<u>8.60</u>	_____
Barometer (in Hg)	_____	_____	<u>649.00</u>	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/13/09

Time: 7:00

Calibrated By: R Baeringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: HACH 2100P 4260

Serial Number: 020400625852

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard 5.95	<u>24641-03</u>	_____	<u>6.15</u>	<u>6.02</u>
10.0 Standard 54.2	<u>24641-03</u>	_____	<u>54.9</u>	<u>63.9</u>
1,000 Standard 549	<u>24641-03</u>	_____	<u>552</u>	<u>547</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/13/08 Time: 7:00 Calibrated By: R. Banner

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____ Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: HACH 1012 Serial Number: 04050003579

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0-100 0.02 Standard 53.4	<u>24641-02</u>	_____	<u>53.6</u>	<u>54.8</u>
0-10 10.0 Standard 5.99	<u>24641-01</u>	_____	<u>5.78</u>	<u>6.14</u>
0-1,000 Standard 532	<u>24641-03</u>	_____	<u>5.21</u>	<u>5.36</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/13/08

Time: 7:00

Calibrated By: R. Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: 60AKTON Unit 2 Serial Number: 267086

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	<u>4.05</u>	<u>4.07</u>
Buffer 7.0	_____	_____	<u>7.07</u>	<u>7.04</u>
Buffer 10.0	_____	_____	9.99 <u>9.91</u>	<u>10.14</u>
Temperature (C)	<u>17.4</u>	_____	_____	<u>16.7</u>

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	<u>7A1027</u>	<u>9/08</u>	<u>1416</u>	<u>1407</u>
# 8974 uS/cm	<u>7A699</u>	<u>10/08</u>	<u>8996</u>	<u>9210</u>
15,000 uS/cm	<u>7A5080</u>	<u>11/08</u>	<u>15002</u>	<u>14380</u>
Temperature (C)	<u>17.4</u>	_____	_____	<u>16.9</u>

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: MicroPw Unit 1 Serial Number: 200709225

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>71619</u>	<u>4/09</u>	<u>.04</u>	<u>.05</u>
10.0 Standard	<u>70957</u>	<u>3/09</u>	<u>10.08</u>	<u>10.78</u>
1,000 Standard	<u>71046</u>	<u>4/09</u>	<u>1004</u>	<u>1000</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/13/08

Time: 0700

Calibrated By: C. STRAUSS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: VSI 556 MPS

Serial Number: 07G100508

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7A1033</u>	<u>9/09</u>	<u>4.00</u>	<u>4.07</u>
Buffer 7.0	<u>7AC133</u>	<u>3/09</u>	<u>7.03</u>	<u>7.05</u>
Buffer 10.0	<u>7AC099</u>	<u>3/09</u>	<u>10.00</u>	<u>9.97</u>
Temperature (C)	<u>-</u>	<u>-</u>	<u>17.43</u>	

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AG009</u>	<u>7/08</u>	<u>455</u>	<u>470</u>
*1413 uS/cm	<u>7AH088</u>	<u>8/08</u>	<u>1414</u>	<u>1427</u>
8974 uS/cm	<u>7AH104</u>	<u>8/08</u>	<u>8833</u>	<u>8411</u>
15,000 uS/cm				
Temperature (C)	<u>-</u>	<u>-</u>	<u>17.23</u>	

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	<u>7AK191</u>	<u>5/08</u>	<u>220.0</u>	<u>215.6</u>
Temperature (C)	<u>-</u>	<u>-</u>	<u>17.61</u>	

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	<u>2707387</u>	<u>7/08</u>	<u>0.08</u>	<u>0.06</u>
Mg/L	<u>-</u>	<u>-</u>	<u>8.03</u>	
Barometer (in Hg)	<u>-</u>	<u>-</u>	<u>644.9</u>	
Temperature (C)	<u>-</u>	<u>-</u>		

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/13/08

Time: early

Calibrated By: Tana

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSI 556

Serial Number: 0502373

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7A1033</u>	<u>9/09</u>	<u>3.98</u>	<u>4.02</u>
Buffer 7.0	<u>7AC133</u>	<u>3/09</u>	<u>7.01</u>	<u>7.09</u>
Buffer 10.0	<u>7AC099</u>	<u>3/09</u>	<u>9.99</u>	<u>9.99</u>
Temperature (C) F	<u>62.96</u>			<u>66.58</u>

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AG009</u>	<u>7/08</u>	<u>450</u>	<u>452</u>
1413 uS/cm	<u>7AH088</u>	<u>8/08</u>	<u>1414</u>	<u>1414</u>
8974 uS/cm	<u>7AH104</u>	<u>8/08</u>	<u>8936</u>	<u>8915</u>
15,000 uS/cm				
Temperature (C)				

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
<u>220</u> mv	<u>7AK191</u>	<u>6/08</u>	<u>219.9</u>	<u>226.1</u>
Temperature (C)				

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution			<u>0.17</u>	<u>0.13</u>
Mg/L			<u>8.54</u>	
Barometer (in Hg)	<u>644.7</u>			<u>644.3</u>
Temperature (C)				

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard				
10.0 Standard				
1,000 Standard				
Temperature (C)				

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/13/08

Time: 0700

Calibrated By: C. STRAUSS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSI 556 MP3

Serial Number: 06L1239 AK

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7AI033</u>	<u>9/09</u>	<u>3.97</u>	<u>4.04</u>
Buffer 7.0	<u>7AC113</u>	<u>3/09</u>	<u>7.04</u>	<u>7.02</u>
Buffer 10.0	<u>7AC03899</u>	<u>3/09</u>	<u>10.043</u>	<u>9.99</u>
Temperature (C)	<u>-</u>	<u>-</u>		

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AG009</u>	<u>7/08</u>	<u>448</u>	<u>448</u>
1413 uS/cm	<u>7AH088</u>	<u>8/08</u>	<u>1413</u>	<u>1409</u>
8974 uS/cm	<u>7AH104</u>	<u>8/08</u>	<u>8777</u>	<u>8605</u>
15,000 uS/cm				
Temperature (C)	<u>-</u>	<u>-</u>	<u>63.25</u>	

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	<u>7AK191</u>	<u>5/08</u>	<u>220.0</u>	<u>275.3</u>
Temperature (C)	<u>-</u>	<u>-</u>	<u>64.22</u>	

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	<u>2707387</u>	<u>7/08</u>	<u>0.09</u>	<u>0.08</u>
Mg/L	<u>-</u>	<u>-</u>	<u>8.06</u>	
Barometer (in Hg)	<u>-</u>	<u>-</u>	<u>645.5</u>	
Temperature (C)	<u>-</u>	<u>-</u>	<u>64.18</u>	<u>18.89</u>

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/14/08

Time: 0630

Calibrated By: E. STRAUSS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSI 556 MPS

Serial Number: 076100508

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7AE033</u>	<u>9/09</u>	<u>3.99</u>	<u>4.05</u>
Buffer 7.0	<u>7AE133</u>	<u>5/09</u>	<u>7.02</u>	<u>7.06</u>
Buffer 10.0	<u>7AC009</u>	<u>3/09</u>	<u>9.99</u>	<u>9.96</u>
Temperature (C)			<u>14.43</u>	<u>14.92</u>

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AG203</u>	<u>7/08</u>	<u>458</u>	<u>473</u>
1413 uS/cm	<u>7AH088</u>	<u>8/08</u>	<u>1413</u>	<u>1442</u>
8974 uS/cm	<u>7AH104</u>	<u>8/08</u>	<u>8830</u>	<u>8700</u>
15,000 uS/cm				
Temperature (C)			<u>14.46</u>	<u>14.93</u>

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	<u>7AJ071</u>	<u>4/08</u>	<u>219.9</u>	<u>217.9</u>
Temperature (C)			<u>14.55</u>	<u>14.91</u>

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	<u>2707387</u>	<u>2/08</u>	<u>0.15</u>	<u>0.08</u>
Mg/L			<u>0.12</u>	
Barometer (in Hg)			<u>644.8</u>	
Temperature (C)			<u>14.50</u>	<u>14.92</u>

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/14/08

Time: 0630

Calibrated By: T. RICHARDS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSI 556 MPS

Serial Number: OSD2373 AV

ph Calibration

	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
Buffer 4.0	<u>FAE 033</u>	<u>9/09</u>	<u>9.99</u>	<u>9.96</u>
Buffer 7.0	<u>FAE 113</u>	<u>5/09</u>	<u>7.00</u>	<u>7.04</u>
Buffer 10.0	<u>FAE 099</u>	<u>3/09</u>	<u>3.94</u>	<u>4.05 4.03</u>
Temperature (C) F	<u>57.73</u>			

Cond. Calibration

	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
447 uS/cm	<u>7AG 203</u>	<u>7/08</u>	<u>447</u>	<u>445</u>
1413 uS/cm	<u>7AH 088</u>	<u>8/08</u>	<u>1413</u>	<u>1409</u>
8974 uS/cm	<u>7AH 104</u>	<u>8/08</u>	<u>8914</u>	<u>8888</u>
15,000 uS/cm				
Temperature (C)				

ORP Calibration

	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
mv	<u>7AJ 071</u>	<u>4/08</u>	<u>219.9</u>	<u>218.3</u>
Temperature (C)				

DO Calibration

	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
0mg/L Solution	<u>270 7387</u>	<u>7/08</u>	<u>0.16</u>	<u>0.16</u>
Mg/L			<u>8.94</u>	
Barometer (in Hg)			<u>644.9</u>	<u>644.4</u>
Temperature (C) F				<u>58.85</u>

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration

	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/14/08

Time: 0630

Calibrated By: TR

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSE 556 MPS

Serial Number: 0621239 AK

ph Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
Buffer 4.0	<u>7AE033</u>	<u>9/09</u>	<u>3.99</u>	<u>4.07</u>
Buffer 7.0	<u>7AE113</u>	<u>5/09</u>	<u>7.05</u>	<u>7.13</u>
Buffer 10.0	<u>7AC099</u>	<u>3/09</u>	<u>10.01</u>	<u>10.00</u>
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
447 uS/cm	<u>7AG203</u>	<u>7/08</u>	<u>443</u>	<u>440</u>
1413 uS/cm	<u>7AH088</u>	<u>8/08</u>	<u>1414</u>	<u>1418</u>
8974 uS/cm	<u>7AH104</u>	<u>8/08</u>	<u>8924</u>	<u>8920</u>
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
220 mv	<u>7AJ071</u>	<u>4/08</u>	<u>219.9</u>	<u>216.6</u>
Temperature (C)	_____	_____	_____	_____

DO Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
0mg/L Solution	<u>2707387</u>	<u>7/08</u>	<u>0.08</u>	<u>0.04</u>
Mg/L	_____	_____	<u>8.85</u>	_____
Barometer (in Hg)	_____	_____	<u>645.7</u>	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/14/08

Time: 6:30

Calibrated By: Royanne Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: ORION Unit 2 Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	<u>4.07</u>	_____
Buffer 7.0	_____	_____	<u>7.08</u>	_____
Buffer 10.0	_____	_____	<u>9.96</u>	_____
Temperature (C)	<u>12.6</u>	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	<u>1443</u>	_____
1413 uS/cm	_____	_____	<u>1416</u>	_____
8974 uS/cm	_____	_____	<u>9490</u>	_____
15,000 uS/cm	_____	_____	<u>9490</u>	_____
Temperature (C)	<u>12.4</u>	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: Micro RW Unit 1 Serial Number: 200709225

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>71019</u>	<u>4-08</u>	<u>0.01</u>	<u>0.05</u>
10.0 Standard	<u>70957</u>	<u>3-09</u>	<u>10.02</u>	<u>10.66</u>
1,000 Standard	<u>71046</u>	<u>4-09</u>	<u>1005</u>	<u>1002</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/14/08

Time: 6:30

Calibrated By: Royanne Barry

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: Hack 1012

Serial Number: 040500635919

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard <u>5.99</u>	<u>24641-01</u>	_____	<u>5.71</u>	<u>5.73</u>
10.0 Standard <u>5.34</u>	<u>24641-02</u>	_____	<u>5.2.8</u>	<u>48.3 48.3</u>
1,000 Standard <u>5.32</u>	<u>24641-03</u>	_____	<u>5.48</u>	<u>5.17</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/14/08

Time: 6:30

Calibrated By: Royanne Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: HACH 2100P 260

Serial Number: 020400025852

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
5.99 0.02 Standard	<u>24641-01</u>	_____	<u>6.11</u>	<u>6.16</u>
54.2 10.0 Standard	<u>24641-02</u>	_____	<u>54.9</u>	<u>54.9</u>
54.9 1,000 Standard	<u>24641-03</u>	_____	<u>55.7</u>	<u>55.4</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/17/08

Time: 6:30

Calibrated By: Royanne Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: Hach 2100P 1012

Serial Number: 040500035919

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard <u>5.99</u>	_____	_____	<u>5.39</u>	<u>5.92</u>
10.0 Standard <u>53.21</u>	_____	_____	<u>47.6</u>	<u>51.8</u>
1,000 Standard <u>532</u>	_____	_____	<u>15</u>	<u>532</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/17/08

Time: 6:30

Calibrated By: Royanne Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: Micro Pw Unit 1

Serial Number: 200709225

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>71019</u>	<u>4-09</u>	<u>0.03</u>	<u>0.03</u>
10.0 Standard	<u>70957</u>	<u>3-09</u>	<u>9.93</u>	<u>9.99</u>
1,000 Standard	<u>71046</u>	<u>4-09</u>	<u>989.7</u>	<u>1002</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/17/08

Time: 6:30

Calibrated By: Royanne Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: Orkton Unit 2

Serial Number: 267086

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	<u>7.11</u>	<u>4.00</u>
Buffer 7.0	_____	_____	<u>7.16</u>	<u>6.99</u>
Buffer 10.0	_____	_____	<u>9.94</u>	<u>10.17</u>
Temperature (C)	<u>10.6</u>	_____	<u>10.6</u>	<u>13.9</u>

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AC180</u>	<u>3-08</u>	<u>445</u>	<u>448</u>
413 413 uS/cm	_____	_____	<u>1411</u>	<u>1310</u>
8974 uS/cm	_____	_____	<u>8920</u>	<u>8800</u>
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	<u>11.2</u>	_____	<u>13.5</u>	<u>13.8</u>

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: Micro Pw

Serial Number: 200712057

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>71205</u>	<u>6-09</u>	<u>0.07</u>	<u>0.12</u>
10.0 Standard	<u>71223</u>	<u>6-09</u>	<u>10.0</u>	<u>9.89</u>
1,000 Standard	<u>71207</u>	<u>6-09</u>	<u>895.9</u>	<u>643.5</u>
Temperature (C)	_____	_____	_____	<u>94/6.8</u>

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/19/09 Time: 6:15 Calibrated By: P. S. J. J. J.

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: JST 552 MVS Serial Number: 576100538

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7A1233</u>	<u>9/09</u>	<u>3.98</u>	<u>4.05</u>
Buffer 7.0	<u>7A073</u>	<u>9/09</u>	<u>7.03</u>	<u>7.08</u>
Buffer 10.0	<u>7AC099</u>	<u>9/09</u>	<u>9.99</u>	<u>9.98</u>
Temperature (C)			<u>11.94</u>	<u>17.30</u>

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm			<u>452</u>	<u>436</u>
1413 uS/cm	<u>7A1009</u>	<u>9/08</u>	<u>1413</u>	<u>1382</u>
8974 uS/cm	<u>7A1104</u>	<u>8/08</u>	<u>8694</u>	<u>8416</u>
15,000 uS/cm				
Temperature (C)			<u>11.96</u>	

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv			<u>2200</u>	<u>1949</u>
Temperature (C)			<u>11.40</u>	

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution			<u>0.10</u>	<u>0.08</u>
Mg/L			<u>7.04</u>	
Barometer (in Hg)			<u>600.8</u>	<u>650.2</u>
Temperature (C)			<u>11.97</u>	<u>16.22</u>

Turbidity Unit Name and Number: _____ Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard				
10.0 Standard				
1,000 Standard				
Temperature (C)				

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 2/27/08

Time: 16:15

Calibrated By: C. J. JACOBS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YS7 56 NPS

Serial Number: 05 D2393 AV

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	<u>3.77</u>	<u>3.05</u>
Buffer 7.0	_____	_____	<u>7.04</u>	<u>7.08</u>
Buffer 10.0	_____	_____	<u>10.5</u>	<u>9.94</u>
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>796203</u>	<u>7/08</u>	<u>466</u>	<u>530</u>
1413 uS/cm	<u>791037</u>	<u>7/08</u>	<u>1413</u>	<u>1469</u>
8974 uS/cm	<u>791104</u>	<u>8/08</u>	<u>8957</u>	<u>9045</u>
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	<u>219.9</u>	<u>198.0</u>
Temperature (C)	_____	_____	<u>54.81</u>	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	<u>0.14</u>
Mg/L	_____	_____	<u>9.00</u>	_____
Barometer (in Hg)	_____	_____	<u>650.9</u>	<u>649.7</u>
Temperature (C)	_____	_____	<u>35.15</u>	<u>17.12</u>

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/18/08

Time: 0615

Calibrated By: C. STRAUSS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: VSI 556 MPS

Serial Number: 06L1239 AK

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7AG022</u>	<u>7/09</u>	<u>4.00</u>	<u>4.14</u>
Buffer 7.0	<u>7AE113</u>	<u>5/09</u>	<u>7.05</u>	<u>7.10</u>
Buffer 10.0	<u>7AL105</u>	<u>10/09</u>	<u>10.00</u>	<u>9.95</u>
Temperature (C)				

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AG203</u>	<u>7/08</u>	<u>454</u>	<u>435</u>
1413 uS/cm	<u>8AA094</u>	<u>1/09</u>	<u>1414</u>	<u>1400</u>
8974 uS/cm	<u>7AJ099</u>	<u>10/08</u>	<u>1419.6</u>	<u>9006</u>
15,000 uS/cm				
Temperature (C)				

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	<u>7AK191</u>	<u>5/08</u>	<u>209.7</u>	<u>205.9</u>
Temperature (C)			<u>14.16</u>	<u>19.55</u>

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	<u>2707387</u>	<u>7/08</u>	<u>0.03</u>	<u>0.05</u>
Mg/L			<u>6.77</u>	
Barometer (in Hg)			<u>652.2</u>	<u>649.6</u>
Temperature (C)			<u>14.91</u>	

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard				
10.0 Standard				
1,000 Standard				
Temperature (C)				

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/18/08

Time: 06:15

Calibrated By: C. STRAWS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSI 556 MPS

Serial Number: 076100508

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7AG022</u>	<u>7/09</u>	<u>3.97</u>	<u>4.05</u>
Buffer 7.0	<u>7AE113</u>	<u>5/09</u>	<u>7.02</u>	<u>7.07</u>
Buffer 10.0	<u>7AL105</u>	<u>10/09</u>	<u>9.99</u>	<u>10.04</u>
Temperature (C)			<u>14.75</u>	

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AG203</u>	<u>7/08</u>	<u>465</u>	<u>473</u>
1413 uS/cm	<u>7AL027</u>	<u>7/08</u>	<u>1413</u>	<u>1371</u>
8974 uS/cm	<u>7AH104</u>	<u>8/08</u>	<u>8819</u>	<u>8739</u>
15,000 uS/cm				
Temperature (C)			<u>13.83</u>	

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	<u>7AK191</u>	<u>5/08</u>	<u>219.9</u>	<u>2165</u>
Temperature (C)			<u>14.10</u>	

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	<u>2767387</u>	<u>7/08</u>	<u>0.10</u>	<u>0.08</u>
Mg/L			<u>8.83</u>	
Barometer (in Hg)			<u>051.5</u>	
Temperature (C)				

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard				
10.0 Standard				
1,000 Standard				
Temperature (C)				

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/18/08

Time: 6:30

Calibrated By: Royanne Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: OAKTON Unit 2
1 Ser: PBassett

Serial Number: 269086

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	<u>4.12</u>	<u>4.06</u>
Buffer 7.0	_____	_____	<u>6.96</u>	<u>7.06</u>
Buffer 10.0	_____	_____	<u>9.98</u>	<u>10.16</u>
Temperature (C)	<u>13.2</u>	_____	<u>13.2</u>	<u>16.0</u>

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	<u>503</u>	<u>460</u>
*1413 uS/cm	_____	_____	<u>1348</u>	<u>1250</u>
8974 uS/cm	_____	_____	<u>8780</u>	<u>9240</u>
15,000 uS/cm	_____	_____	<u>14270</u>	<u>14780</u>
Temperature (C)	_____	_____	<u>13.2</u>	<u>15.2</u>

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: Hark 2100P 260 Serial Number: 02040002582

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
5.95 0.02 Standard	<u>24641-01</u>	_____	<u>6.10</u>	<u>6.30</u>
54.2 10.0 Standard	<u>24641-02</u>	_____	<u>55.1</u>	<u>55.4</u>
549 1000 Standard	<u>24641-03</u>	_____	<u>555</u>	<u>554</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3-18-08

Time: 6:15

Calibrated By: Roxanne Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: HACH 2100P 1012

Serial Number: 040500035919

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
5.99 0.02 Standard	<u>24641-01</u>	_____	<u>5.04</u>	<u>5.91</u>
53.4 10.0 Standard	<u>24641-02</u>	_____	<u>46.4</u>	<u>54.4</u>
532 1,000 Standard	<u>24641-03</u>	_____	<u>534</u>	<u>532</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/18/08

Time: 6:00

Calibrated By: Rayanne Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: Micro TPW

Serial Number: 200712057

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>71205</u>	<u>6-09</u>	<u>0.12</u>	<u>0.01</u>
10.0 Standard	<u>71223</u>	<u>6-09</u>	<u>9.67</u>	<u>10.45</u>
1,000 Standard	<u>71207</u>	<u>6-09</u>	<u>9438</u>	<u>1011</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/18/09

Time: 6:00

Calibrated By: Royanne Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: MicrDTpw Unit 1

Serial Number: 200709225

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>71019</u>	<u>4-09</u>	<u>0.04</u>	<u>0.06</u>
10.0 Standard	<u>70957</u>	<u>3-09</u>	<u>7.95</u>	<u>10.85</u>
1,000 Standard	<u>71046</u>	<u>3-09</u>	<u>997.1</u>	<u>1008</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/18/08

Time: 0615

Calibrated By: C. STRAUSS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: VSI 556 MPS

Serial Number: OSD2393 AV

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7AG022</u>	<u>7/09</u>	<u>3.98</u>	<u>4.04</u>
Buffer 7.0	<u>7AE113</u>	<u>5/09</u>	<u>7.04</u>	<u>7.06</u>
Buffer 10.0	<u>7AL105</u>	<u>10/09</u>	<u>10.00</u>	<u>10.01</u>
Temperature (C)				

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AG203</u>	<u>7/08</u>	<u>452</u>	<u>741</u>
1413 uS/cm	<u>8AA094</u>	<u>1/09</u>	<u>1412</u>	<u>1391</u>
8974 uS/cm	<u>7AJ099</u>	<u>10/08</u>	<u>8845</u>	<u>8913</u>
15,000 uS/cm				
Temperature (C)			<u>14.91</u>	

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	<u>7AK191</u>	<u>5/08</u>	<u>219.9</u>	<u>206.7</u>
Temperature (C)			<u>14.21</u>	<u>19.73</u>

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	<u>2707387</u>	<u>7/08</u>	<u>0.16</u>	<u>0.14</u>
Mg/L			<u>8.76</u>	
Barometer (in Hg)			<u>651.4</u>	<u>648.6</u>
Temperature (C)			<u>14.01</u>	<u>19.21</u>

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/19/08

Time: 6:15

Calibrated By: R Barzney

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: MicroTAP UNIT 1

Serial Number: 206709225

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>71019</u>	<u>4-09</u>	<u>0.01</u>	<u>0.03</u>
10.0 Standard	<u>70857</u>	<u>3-09</u>	<u>10.02</u>	<u>10.29</u>
1,000 Standard	<u>71406</u>	<u>4-09</u>	<u>1002</u>	<u>1004</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/19/08

Time: 6:25

Calibrated By: R Bannum

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: HACH 2100P 260

Serial Number: 020400025852

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
5.95 0.02 Standard	<u>24641-01</u>	_____	<u>6.14</u>	<u>6.22</u>
54.2 10.0 Standard	<u>24641-02</u>	_____	<u>55.0</u>	<u>55.8</u>
549 1,000 Standard	_____	_____	<u>553</u>	<u>555</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/19/08

Time: 6:15

Calibrated By: R. Barranyi

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: Muro TPW

Serial Number: 200712057

Turbidity Calibration	<u>Lot Number</u>	<u>Exp. Date</u>	<u>Morning</u>	<u>End of Day</u>
0.02 Standard	<u>71205</u>	<u>6-09</u>	<u>0-02</u>	<u>0.01</u>
10.0 Standard	<u>71223</u>	<u>6-09</u>	<u>10-08</u>	<u>10-76 10-05</u>
1,000 Standard	<u>01207</u>	<u>6-09</u>	<u>1010 10-10</u>	<u>1009</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/19/08

Time: 6:30

Calibrated By: R. Barman

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: AKTON Unit 2

Serial Number: 267086

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	<u>4.14</u>	<u>4.02</u>
Buffer 7.0	_____	_____	<u>7.06</u>	<u>7.06</u>
Buffer 10.0	<u>7A2105</u>	<u>10-09</u>	<u>10.03</u>	<u>10.08</u>
Temperature (C)	<u>14.0</u>	_____	_____	<u>15.9</u>

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AC160</u>	<u>3-08</u>	<u>440</u>	<u>458</u>
1413 uS/cm	<u>8AA094</u>	<u>6-09</u>	<u>1355</u>	<u>1372</u>
8974 uS/cm	<u>7AJ099</u>	<u>10-08</u>	<u>9130</u>	<u>9160</u>
15,000 uS/cm	<u>7AJ080</u>	<u>10-08</u>	<u>1473</u>	<u>1480</u>
Temperature (C)	<u>14.3</u>	_____	_____	<u>16.7</u>

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: Hach 2002100P 1012 Serial Number: 070560035919

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
5.99 0.02 Standard	<u>24641-01</u>	_____	<u>6.21</u>	<u>5.69</u>
53.4 10.0 Standard	<u>24641-02</u>	_____	<u>51.0</u>	<u>49.6</u>
532 1,000 Standard	<u>24641-03</u>	_____	<u>535</u>	<u>533</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/19/08

Time: 7:00

Calibrated By: R. Barron

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: MicroTAP Unit 2

Serial Number: 200769223

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>70908</u>	<u>3-09</u>	<u>0.00</u>	<u>0.00</u>
10.0 Standard	<u>70957</u>	<u>3-09</u>	<u>10.16</u>	<u>10.78</u>
1,000 Standard	<u>70911</u>	<u>3-09</u>	<u>997.3</u>	<u>997.5</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/19/08

Time: 0615

Calibrated By: C. STRAUSS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSI SSG MPS

Serial Number: 07G100308⁵

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7AG022</u>	<u>7/09</u>	<u>3.97</u>	<u>4.36</u>
Buffer 7.0	<u>7AL105 7AF108</u>	<u>6/09</u>	<u>7.01</u>	<u>7.07</u>
Buffer 10.0	<u>7AL105</u>	<u>10/09</u>	<u>10.01</u>	<u>10.02</u>
Temperature (C)			<u>15.02</u>	

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AG203</u>	<u>7/09</u>	<u>456</u>	<u>494</u>
1413 uS/cm	<u>8AA094</u>	<u>1/09</u>	<u>1413</u>	<u>1412</u>
8974 uS/cm	<u>7AJ099</u>	<u>10/08</u>	<u>8995</u>	<u>8814</u>
15,000 uS/cm				
Temperature (C)				

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv			<u>219.9</u>	<u>211.1</u>
Temperature (C)			<u>14.02</u>	

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution			<u>0.07</u>	<u>0.04</u>
Mg/L			<u>8.70</u>	
Barometer (in Hg)			<u>647.9</u>	
Temperature (C)			<u>14.28</u>	

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard				
10.0 Standard				
1,000 Standard				
Temperature (C)				

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/19/08

Time: 0615

Calibrated By: C. STRAUSS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSI 556 MPS

Serial Number: 0661237 AK

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	<u>4.03</u>	<u>4.18</u>
Buffer 7.0	_____	_____	<u>7.04</u>	<u>7.04</u>
Buffer 10.0	_____	_____	<u>10.00</u>	<u>10.08</u>
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	<u>457</u>	<u>468</u>
1413 uS/cm	_____	_____	<u>1413</u>	<u>1410</u>
8974 uS/cm	_____	_____	<u>8962</u>	<u>8816</u>
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	<u>219.9</u>	<u>213.3</u>
Temperature (C)	_____	_____	<u>1.03</u>	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	<u>0.10</u>	<u>0.10</u>
Mg/L	_____	_____	<u>8.04</u>	_____
Barometer (in Hg)	_____	_____	<u>648.6</u>	_____
Temperature (C)	_____	_____	<u>14.83</u>	_____

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/17/08

Time: 0615

Calibrated By: C. STRAUSS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSE 556 MPS

Serial Number: 05D 2373 AV

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	<u>4.01</u>	<u>4.05</u>
Buffer 7.0	_____	_____	<u>7.03</u>	<u>7.06</u>
Buffer 10.0	_____	_____	<u>9.99</u>	<u>9.96</u>
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	<u>455</u>	<u>451</u>
1413 uS/cm	_____	_____	<u>1414</u>	<u>1417</u>
8974 uS/cm	_____	_____	<u>9005</u>	<u>9178</u>
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	<u>219.8</u>	<u>209.5</u>
Temperature (C)	_____	_____	<u>14.94</u>	<u>18.41</u>

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	<u>0.16</u>	<u>0.20</u>
Mg/L	_____	_____	<u>5.50</u>	_____
Barometer (in Hg)	_____	_____	<u>645.7</u>	<u>644.9</u>
Temperature (C)	_____	_____	<u>15.01</u>	_____

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/20/08

Time: 6:15

Calibrated By: R. B. [Signature]

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: MICROTPW Unit 1

Serial Number: 200709225

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>71019</u>	<u>4-09</u>	<u>0.02</u>	<u>0.05</u>
10.0 Standard	<u>70957</u>	<u>3-09</u>	<u>10.61</u>	<u>10.66</u>
1,000 Standard	<u>71046</u>	<u>4-00</u>	<u>993.2</u>	<u>no Hg 10.04</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/24/08

Time: 6:30

Calibrated By: R Berringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: DAKTON UNIT 2

Serial Number: 267086

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	<u>4-16</u>	<u>4.01</u>
Buffer 7.0	_____	_____	<u>7.07 4-16</u>	<u>7.04</u>
Buffer 10.0	_____	_____	<u>7.07 10.05</u>	<u>10.13</u>
Temperature (C)	<u>13.8</u>	_____	<u>13.8</u>	<u>15.5</u>

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	<u>458</u>	<u>456</u>
→ 1413 uS/cm	_____	_____	<u>1369</u>	<u>1330</u>
8974 uS/cm	_____	_____	<u>9110</u>	<u>9190</u>
15,000 uS/cm	_____	_____	<u>14640</u>	<u>1470</u>
Temperature (C)	<u>13.8</u>	_____	_____	<u>14.5</u>

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: Micro TPW UNIT 2 Serial Number: 200709223

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>70908</u>	<u>3-09</u>	<u>0.15</u>	<u>0.00</u>
10.0 Standard	<u>70957</u>	<u>3-09</u>	<u>10.00</u>	<u>9.91</u>
1,000 Standard	<u>70911</u>	<u>3-09</u>	<u>973.9</u>	<u>1045</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/20/08

Time: 6:25

Calibrated By: R. Barungi

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: MicroTpw

Serial Number: 200712057

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	<u>71205</u>	<u>6-09</u>	<u>0.03</u>	<u>0.01</u>
10.0 Standard	<u>71203</u>	<u>6-09</u>	<u>10.00</u>	<u>10.39</u>
1,000 Standard	<u>71207</u>	<u>6-09</u>	<u>1000</u>	<u>1004</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/20/08

Time: 6:00

Calibrated By: [Signature]

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: HACH 2/00P 1012

Serial Number: 040500035919

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
5-99 0.02 Standard	<u>24641-01</u>	_____	<u>5.90</u>	<u>5.3</u>
5 3.4 10.0 Standard	<u>24641-02</u>	_____	<u>52.6</u>	<u>51.2</u>
5 321,000 Standard	<u>24641-03</u>	_____	<u>521</u>	<u>499</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/20/08

Time: 6:00

Calibrated By: R Barringer

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: _____

Serial Number: _____

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	_____	_____	_____	_____
Buffer 7.0	_____	_____	_____	_____
Buffer 10.0	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	_____	_____	_____
1413 uS/cm	_____	_____	_____	_____
8974 uS/cm	_____	_____	_____	_____
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	_____	_____
Mg/L	_____	_____	_____	_____
Barometer (in Hg)	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Turbidity Unit Name and Number: HACH 2100P 260 Serial Number: 020400025857

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
5.95 0.02 Standard	<u>2624641-01</u>	_____	<u>6.13</u>	<u>5.98</u>
54.2 10.0 Standard	<u>24641-02</u>	_____	<u>55.3</u>	<u>54.8</u>
549 1,000 Standard	<u>2464-03</u>	_____	<u>55.5</u>	<u>55.3</u>
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/20/08

Time: 0615

Calibrated By: C. STRAUSS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: VST 556 MP3

Serial Number: 0916100528

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0	<u>7AF1033</u>	<u>7/09</u>	<u>4.00</u>	<u>4.05</u>
Buffer 7.0	<u>7AF108</u>	<u>5/09</u>	<u>7.03</u>	<u>7.10</u>
Buffer 10.0	<u>7AC105</u>	<u>10/09</u>	<u>9.99</u>	<u>10.05</u>
Temperature (C)	_____	_____	_____	_____

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	<u>7AC180</u>	<u>3/08</u>	<u>457</u>	<u>439</u>
1413 uS/cm	_____	_____	<u>1423</u>	<u>1397</u>
8974 uS/cm	<u>7AJ097</u>	<u>10/08</u>	<u>8763</u>	<u>8669</u>
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv	_____	_____	<u>219.8</u>	<u>205.2</u>
Temperature (C)	_____	_____	<u>14.79</u>	_____

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	<u>0.07</u>	<u>0.13</u>
Mg/L	_____	_____	<u>8.67</u>	<u>653.3</u>
Barometer (in Hg)	_____	_____	<u>651.9</u>	_____
Temperature (C)	_____	_____	<u>14.93</u>	_____

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard	_____	_____	_____	_____
10.0 Standard	_____	_____	_____	_____
1,000 Standard	_____	_____	_____	_____
Temperature (C)	_____	_____	_____	_____

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 2/26/09

Time: 0615

Calibrated By: E. STRAUSS

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSI 532 MP5

Serial Number: 06L1239 AK

ph Calibration	Lot Number	Exp. Date	Morning	End of Day
Buffer 4.0			4.04	4.12
Buffer 7.0	7AK361	11/09	7.00	7.05
Buffer 10.0			9.99	9.93
Temperature (C)				

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm			380	442
1413 uS/cm			1413	1391
8974 uS/cm			8963	8980
15,000 uS/cm				
Temperature (C)				

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
mv			29.9	24.6
Temperature (C)			14.92	

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution				0.04
Mg/L			0.52.9	
Barometer (in Hg)			30.63	30.50
Temperature (C)			14.11	

Turbidity Unit Name and Number: _____

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard				
10.0 Standard				
1,000 Standard				
Temperature (C)				

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 3/20/08

Time: 0615

Calibrated By: C. STRAUSS, JR

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSI 552 MPS

Serial Number: 05D 2373 AV

ph Calibration	Lot Number	Exp. Date	Morning	^{10:20} End of Day
Buffer 4.02.0	<u>8AA102</u>	<u>1/10</u>	<u>2.01</u>	<u>2.04</u>
Buffer 7.0	<u>7AK301</u>	<u>11/09</u>	<u>7.08</u>	<u>7.07</u>
Buffer 10.0	<u>7AL105</u>	<u>10/09</u>	<u>10.00</u>	<u>10.01</u>
Temperature (C) pH 4				<u>3.99</u>

Cond. Calibration	Lot Number	Exp. Date	Morning	^{drift} re-cal End of Day	re-cal	End
447 uS/cm	7AG160 <u>8AA081</u>	3/08 <u>1/09</u>			<u>448</u>	<u>448</u>
2 1413 uS/cm	<u>8AA094</u>	<u>1/09</u>	<u>1400</u>	<u>1394</u>	<u>1414</u>	<u>1399</u>
*8974 uS/cm	<u>7AJ099</u>	<u>10/08</u>	<u>8978</u>	<u>8917</u>	<u>9058</u>	<u>9032</u>
15,000 uS/cm	<u>7AJ080</u>	<u>10/08</u>	<u>14957</u>	<u>14935</u>		
Temperature (C)						

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
220 mv	<u>7AK191</u>	<u>3/08</u>	<u>220.1</u>	<u>209.8</u>
Temperature (C)			<u>14.19</u>	<u>19.39</u>

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution			<u>0.22</u>	<u>0.21</u>
Mg/L			<u>8.48</u>	
Barometer (in Hg)			<u>652.4</u>	<u>653.0</u>
Temperature (C)				

Turbidity Unit Name and Number: _____ Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	Morning	End of Day
0.02 Standard				
10.0 Standard				
1,000 Standard				
Temperature (C)				

869 x 0.75028 = 651.9

Project Name: Yerington Mine-Atlantic Richfield Co

Project Number: 134557

Date: 4/10/08

Time: 9:20

Calibrated By: Loyanne Barringer
Penny Bassett

Calibrate meters once per day of use before measurements are taken. Do a three point calibration using ph 4.0, 7.0 and 10.0 buffer solutions.

Check the calibrations after every 10 samples and at the end of each day.

Unit Name and Number: YSI 556 MPS
P Bassett

Serial Number: 07G100508

ph Calibration 3- Pt.	Lot Number	Exp. Date	07:30	14:45
			Morning	End of Day
Buffer 4.0*	_____	12/2009	3.99	3.97
Buffer 7.0*	_____	11/2009	7.06	7.02
Buffer 10.0*	_____	10/2009	9.99	9.94
Temperature (C)	_____	_____	_____	17.51°C

Cond. Calibration	Lot Number	Exp. Date	Morning	End of Day
447 uS/cm	_____	1/2009	455	453
1413 uS/cm *	_____	1/2009	1413	1408
8974 uS/cm	_____	10/2008	8973	8982
15,000 uS/cm	_____	_____	_____	_____
Temperature (C)	_____	_____	16.15°C	17.84°

ORP Calibration	Lot Number	Exp. Date	Morning	End of Day
220 mv *	_____	5/2008	220.1	217.6
Temperature (C)	_____	_____	16.12°C	18.0°

DO Calibration	Lot Number	Exp. Date	Morning	End of Day
0mg/L Solution	_____	_____	0.21	0.13
Open Air Mg/L*	_____	_____	8.43	8.51
Barometer (in Hg)	_____	_____	653.8 mm Hg	654.7
Temperature (C)	_____	_____	16.37°C	_____

Turbidity Unit Name and Number: Micro TPW Unit 3
R Barringer

Serial Number: _____

Turbidity Calibration	Lot Number	Exp. Date	07:30	14:45
			Morning	End of Day
0.02 Standard	71205	6-09	0.01	0.01
10.0 Standard	71223	6-09	9.92	9.73
1,000 Standard	71207	6-09	998.4	954.5
Temperature (C)	_____	_____	_____	_____