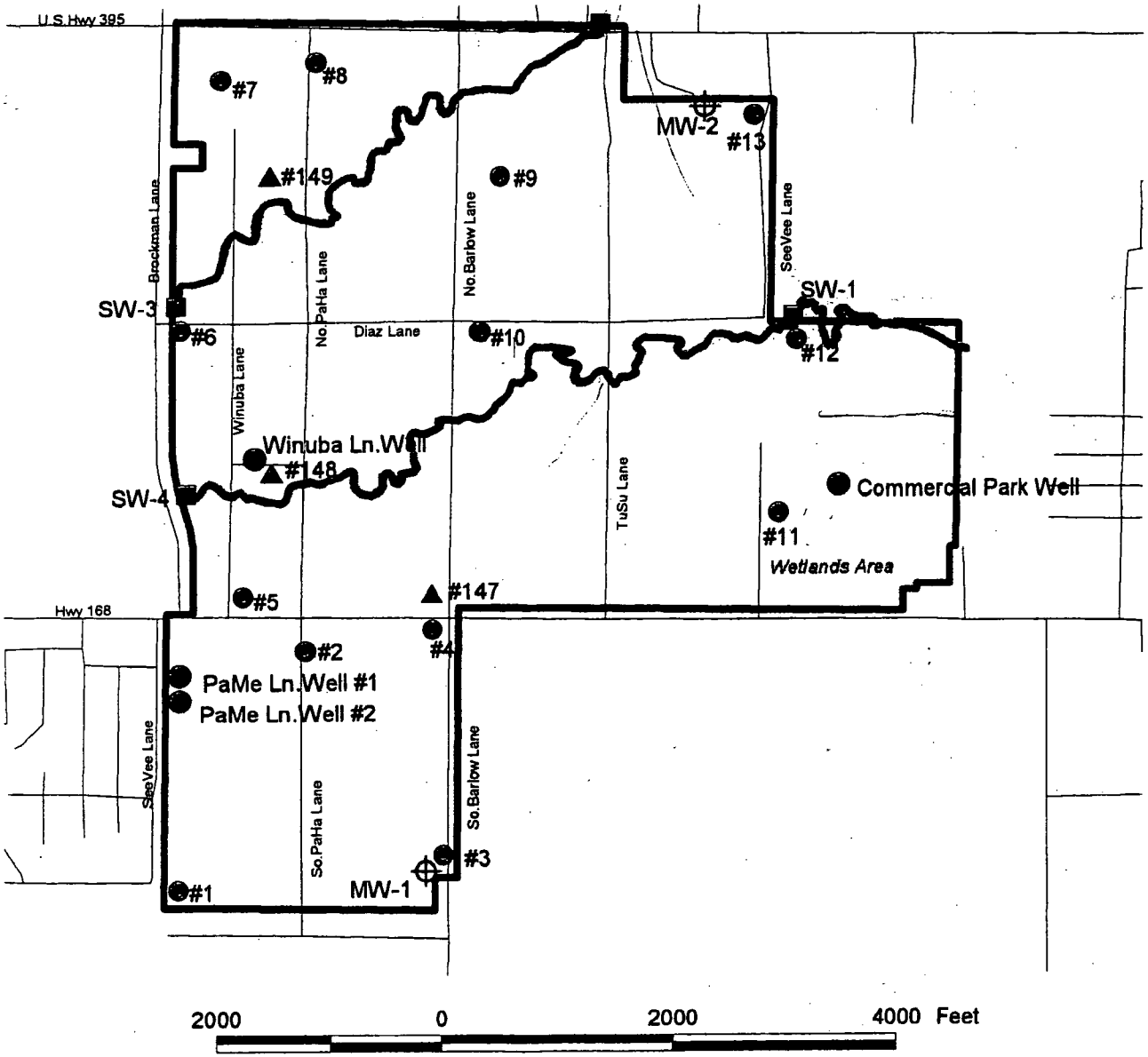
Figure 3: Sampling Locations



LADWP Monitoring Wells
Surface Water Monitoring Sites
Monitoring Wells
Shallow Monitoring Wells
Drinking Water Wells
Creeks
Roads
Reservation Boundary

N
W
E
S

Bishop Creek

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Site ID	LOCATION
SW-1	Immediately downstream from the downstream end of the culvert that passes South Fork Bishop Creek underneath See Vee Lane.
SW-2	Immediately upstream from the upstream end of the concrete box culvert that passes North Fork Bishop Creek underneath US Highway 395.
SW-3	Immediately downstream from the downstream end of the concrete box culvert that passes North Fork Bishop Creek underneath Brockman Lane.
SW-4	Immediately downstream from the downstream end of the bridge that passes South Fork Bishop Creek underneath Brockman Lane.
Note: Samples will be taken at the thalweg (point of highest flow velocity) of the channel as determined by using the Flow Probe velocity meter.	

FIGURE 3A: SURFACE WATER SAMPLE LOCATIONS

Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 4/11/2000
Client: BIS-002
Taken by: B. Adkins
Report: 34068
PO #: 2589

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0363	MW-1	3/7/2000	2:38 PM	3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	31	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Bicarbonate	EPA 310.1	31	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Total Dissolved Solids	EPA 160.1	52	mg/L	7	Tretten	3/10/2000
Ammonia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	3/23/2000
Nitrate-N - Ion Chromatography	EPA 300.0	0.2N	mg/L	0.1	Lowe	3/9/2000
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Jones	3/10/2000
Calcium - ICP-OES	EPA 200.7	8.8	mg/L	0.1	Faulstich	3/9/2000
Magnesium - ICP-OES	EPA 200.7	1.2	mg/L	0.1	Faulstich	3/9/2000
Potassium - ICP-OES	EPA 200.7	1.1	mg/L	0.2	Faulstich	3/9/2000
Sodium - ICP-OES	EPA 200.7	5.1	mg/L	0.1	Faulstich	3/9/2000
Chloride - Ion Chromatography	EPA 300.0	0.9	mg/L	0.1	Lowe	3/9/2000
Cyanide,Total	EPA 335.2	<0.005	mg/L	0.005	Kobza	3/15/2000
Fluoride - Ion Chromatography	EPA 300.0	0.1	mg/L	0.1	Lowe	3/9/2000
Hardness, as CACO3	EPA 130.2	27	mg/L	0.1	Seher	3/13/2000
Silica	EPA 370.1	15	mg/L	1	Nussbaum	3/10/2000
Sulfate - Ion Chromatography	EPA 300.0	6	mg/L	0.1	Lowe	3/9/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	3/10/2000
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Barium - ICP-MS	EPA 200.8	0.009	mg/L	0.001	Lambert	3/20/2000
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Faulstich	3/15/2000
Chromium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Manganese - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Jones	3/15/2000
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	3/20/2000
Radiological Analysis	Subcontract	See Report		0		4/10/2000
Total Petroleum Hydrocarbon	Subcontract	See Report		0		
VOCs	Subcontract	See Report		0		

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Managers

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BS Res 2

Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 4/11/2000
Client: BIS-002
Taken by: B. Adkins
Report: 34068
PO #: 2589

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0364	MW-2	3/8/2000	1:00 PM	3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	52	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Bicarbonate	EPA 310.1	52	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Total Dissolved Solids	EPA 160.1	79	mg/L	7	Tretten	3/10/2000
Ammonia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	3/23/2000
Nitrate-N - Ion Chromatography	EPA 300.0	0.3N	mg/L	0.1	Lowe	3/9/2000
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Jones	3/10/2000
Calcium - ICP-OES	EPA 200.7	12	mg/L	0.1	Faulstich	3/9/2000
Magnesium - ICP-OES	EPA 200.7	0.88	mg/L	0.1	Faulstich	3/9/2000
Potassium - ICP-OES	EPA 200.7	1.5	mg/L	0.2	Faulstich	3/9/2000
Sodium - ICP-OES	EPA 200.7	18	mg/L	0.1	Faulstich	3/9/2000
Chloride - Ion Chromatography	EPA 300.0	4.6	mg/L	0.3	Lowe	3/9/2000
Cyanide,Total	EPA 335.2	<0.005	mg/L	0.005	Kobza	3/15/2000
Fluoride - Ion Chromatography	EPA 300.0	1	mg/L	0.2	Lowe	3/9/2000
Hardness, as CACO3	EPA 130.2	34	mg/L	0.1	Seher	3/13/2000
Silica	EPA 370.1	20	mg/L	1	Nussbaum	3/10/2000
Sulfate - Ion Chromatography	EPA 300.0	14	mg/L	0.3	Lowe	3/9/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	3/10/2000
Arsenic - ICP-MS	EPA 200.8	0.004	mg/L	0.001	Lambert	3/20/2000
Barium - ICP-MS	EPA 200.8	0.007	mg/L	0.001	Lambert	3/20/2000
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Faulstich	3/15/2000
Chromium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Manganese - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Jones	3/15/2000
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	3/20/2000
Radiological Analysis	Subcontract	See Report		0		4/10/2000
Total Petroleum Hydrocarbon	Subcontract	See Report		0		
VOCs	Subcontract	See Report		0		

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Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 4/11/2000
Client: BIS-002
Taken by: B. Adkins
Report: 34068
PO #: 2589

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0365	MW-3	3/8/2000	1:15 PM	3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Ammonia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	3/23/2000
Nitrate-N - Ion Chromatography	EPA 300.0	0.4N	mg/L	0.1	Lowe	3/9/2000
Hardness, as CACO3	EPA 130.2	38	mg/L	0.1	Seher	3/14/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	3/10/2000
Arsenic - ICP-MS	EPA 200.8	0.004	mg/L	0.001	Lambert	3/20/2000
Barium - ICP-MS	EPA 200.8	0.007	mg/L	0.001	Lambert	3/20/2000
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Faulstich	3/15/2000
Chromium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Manganese - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Jones	3/15/2000
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	3/20/2000
Total Petroleum Hydrocarbon	Subcontract	See Report		0		
VOCs	Subcontract	See Report		0		

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0366	GW-7	3/8/2000	2:30 PM	3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Total Petroleum Hydrocarbon	Subcontract	See Report		0		
VOCs	Subcontract	See Report		0		

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Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 4/11/2000
Client: BIS-002
Taken by: B. Adkins
Report: 34068
PO #: 2589

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0367	SW-1	3/8/2000	11:22 AM	3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	21	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Bicarbonate	EPA 310.1	21	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Total Dissolved Solids	EPA 160.1	26	mg/L	7	Tretten	3/10/2000
Suspended Solids	EPA 160.2	3	mg/L	1	Tretten	3/10/2000
Ammonia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	3/23/2000
Nitrate-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	3/9/2000
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	3/9/2000
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	0.31	mg/L	0.1	Hellmann	3/21/2000
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Jones	3/10/2000
Calcium - ICP-OES	EPA 200.7	7	mg/L	0.1	Faulstich	3/9/2000
Magnesium - ICP-OES	EPA 200.7	0.59	mg/L	0.1	Faulstich	3/9/2000
Potassium - ICP-OES	EPA 200.7	<0.5	mg/L	0.5	Faulstich	3/9/2000
Sodium - ICP-OES	EPA 200.7	3.4	mg/L	0.1	Faulstich	3/9/2000
Chloride - Ion Chromatography	EPA 300.0	0.6	mg/L	0.1	Lowe	3/9/2000
Cyanide,Total	EPA 335.2	<0.005	mg/L	0.005	Kobza	3/15/2000
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	3/9/2000
Hardness, as CACO3	EPA 130.2	20	mg/L	0.1	Seher	3/13/2000
Sulfate - Ion Chromatography	EPA 300.0	4.4	mg/L	0.1	Lowe	3/9/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	3/10/2000
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Barium - ICP-MS	EPA 200.8	0.002	mg/L	0.001	Lambert	3/20/2000
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Faulstich	3/15/2000
Chromium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Manganese - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Jones	3/15/2000
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	3/20/2000

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Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 4/11/2000
Client: BIS-002
Taken by: B. Adkins
Report: 34068
PO #: 2589

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0368	SW-2	3/8/2000	9:40 AM	3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	21	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Bicarbonate	EPA 310.1	21	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Total Dissolved Solids	EPA 160.1	28	mg/L	7	Tretten	3/10/2000
Suspended Solids	EPA 160.2	2	mg/L	1	Tretten	3/10/2000
Ammonia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	3/23/2000
Nitrate-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	3/9/2000
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	3/9/2000
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	0.15	mg/L	0.1	Hellmann	3/21/2000
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Jones	3/10/2000
Calcium - ICP-OES	EPA 200.7	7.1	mg/L	0.1	Faulstich	3/9/2000
Magnesium - ICP-OES	EPA 200.7	0.61	mg/L	0.1	Faulstich	3/9/2000
Potassium - ICP-OES	EPA 200.7	<0.5	mg/L	0.5	Faulstich	3/9/2000
Sodium - ICP-OES	EPA 200.7	3.5	mg/L	0.1	Faulstich	3/9/2000
Chloride - Ion Chromatography	EPA 300.0	0.6	mg/L	0.1	Lowe	3/9/2000
Cyanide,Total	EPA 335.2	<0.005	mg/L	0.005	Kobza	3/15/2000
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	3/9/2000
Hardness, as CACO3	EPA 130.2	19	mg/L	0.1	Seher	3/13/2000
Sulfate - Ion Chromatography	EPA 300.0	4.3	mg/L	0.1	Lowe	3/9/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	3/10/2000
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Barium - ICP-MS	EPA 200.8	0.002	mg/L	0.001	Lambert	3/20/2000
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Faulstich	3/15/2000
Chromium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Manganese - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Jones	3/15/2000
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	3/20/2000

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Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 4/11/2000
Client: BIS-002
Taken by: B. Adkins
Report: 34068
PO #: 2589

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0369	SW-3	3/8/2000	9:04 AM	3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	21	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Bicarbonate	EPA 310.1	21	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Total Dissolved Solids	EPA 160.1	27 ✓	mg/L	7	Tretten	3/10/2000
Suspended Solids	EPA 160.2	2	mg/L	1	Tretten	3/10/2000
Ammonia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	3/23/2000
ate-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	3/9/2000
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	3/9/2000
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	0.14	mg/L	0.1	Hellmann	3/21/2000
Phosphorus - Ortho	EPA 365.3	<0.02 ✓	mg/L	0.02	Jones	3/10/2000
Calcium - ICP-OES	EPA 200.7	6.8	mg/L	0.1	Faulstich	3/9/2000
Magnesium - ICP-OES	EPA 200.7	0.55	mg/L	0.1	Faulstich	3/9/2000
Potassium - ICP-OES	EPA 200.7	<0.5	mg/L	0.5	Faulstich	3/9/2000
Sodium - ICP-OES	EPA 200.7	3.3	mg/L	0.1	Faulstich	3/9/2000
Chloride - Ion Chromatography	EPA 300.0	0.6 ✓	mg/L	0.1	Lowe	3/9/2000
Cyanide,Total	EPA 335.2	<0.005	mg/L	0.005	Kobza	3/15/2000
Fluoride - Ion Chromatography	EPA 300.0	<0.1 ✓	mg/L	0.1	Lowe	3/9/2000
Hardness, as CACO3	EPA 130.2	19	mg/L	0.1	Seher	3/13/2000
Sulfate - Ion Chromatography	EPA 300.0	4.3 ✓	mg/L	0.1	Lowe	3/9/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	3/10/2000
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Barium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Boron - ICP-OES	EPA 200.7	<0.05 ✓	mg/L	0.05	Faulstich	3/15/2000
Chromium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Manganese - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Jones	3/15/2000
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	3/20/2000

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Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 4/11/2000
Client: BIS-002
Taken by: B. Adkins
Report: 34068
PO #: 2589

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0370	SW-4	3/8/2000	8:31 AM	3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	21	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Bicarbonate	EPA 310.1	21	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Jones	3/13/2000
Total Dissolved Solids	EPA 160.1	19 ✓	mg/L	7	Tretten	3/10/2000
Suspended Solids	EPA 160.2	3	mg/L	1	Tretten	3/10/2000
)nonia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	3/23/2000
Nitrate-N - Ion Chromatography	EPA 300.0	<0.1N ✓	mg/L	0.1	Lowe	3/9/2000
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	3/9/2000
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	0.18	mg/L	0.1	Hellmann	3/21/2000
Phosphorus - Ortho	EPA 365.3	<0.02 ✓	mg/L	0.02	Jones	3/10/2000
Calcium - ICP-OES	EPA 200.7	6.6	mg/L	0.1	Faulstich	3/9/2000
Magnesium - ICP-OES	EPA 200.7	0.55	mg/L	0.1	Faulstich	3/9/2000
Potassium - ICP-OES	EPA 200.7	<0.5	mg/L	0.5	Faulstich	3/9/2000
Sodium - ICP-OES	EPA 200.7	3.4	mg/L	0.1	Faulstich	3/9/2000
Chloride - Ion Chromatography	EPA 300.0	0.6	mg/L	0.1	Lowe	3/9/2000
Cyanide,Total	EPA 335.2	<0.005	mg/L	0.005	Kobza	3/15/2000
Fluoride - Ion Chromatography	EPA 300.0	<0.1 ✓	mg/L	0.1	Lowe	3/9/2000
Hardness, as CACO3	EPA 130.2	19	mg/L	0.1	Seher	3/13/2000
Sulfate - Ion Chromatography	EPA 300.0	4.3 ✓	mg/L	0.1	Lowe	3/9/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	3/10/2000
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Barium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Boron - ICP-OES	EPA 200.7	<0.05 ✓	mg/L	0.05	Faulstich	3/15/2000
Chromium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Manganese - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Jones	3/15/2000
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	3/20/2000

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William F. Pillsbury
President

John Kobza, Ph.D.
John C. Seher

Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 4/11/2000
Client: BIS-002
Taken by: B. Adkins
Report: 34068
PO #: 2589

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0371	Trip Blank	1/21/2000		3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
VOCs	Subcontract	See Report		0		

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0372	Field Blank	3/8/2000		3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	3/10/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	3/20/2000

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0373	Sample A	11/3/1999	9:57 AM	3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Total Dissolved Solids	EPA 160.1	26	mg/L	7	Tretten	3/10/2000
Suspended Solids	EPA 160.2	27	mg/L	1	Tretten	3/10/2000

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200003-0374	Sample B	11/3/1999	9:57 AM	3/9/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Total Dissolved Solids	EPA 160.1	<7	mg/L	7	Tretten	3/10/2000
Suspended Solids	EPA 160.2	42	mg/L	1	Tretten	3/10/2000

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Quality Control Report

An Addendum to SEM Report Number: 34068

Sierra
Environmental
Monitoring, Inc.

Parameter	*LCS, % Recovery*	*MS, % Recovery*	*MSD, % Recovery*	*RPD, %*	*Method Blank*	
Alkalinity, Total				0.00		
Alkalinity/Bicarbonate				0.00		
Alkalinity/Carbonate				0.00		
Alkalinity/Hydroxide				0.00		
Ammonia-N	95.2	103.0	101.0	1.96	<0.1	mg/L
Arsenic - ICP-MS	101.0	105.0	108.0	2.82	< 0.002	mg/L
Barium - ICP-MS	97.6	101.1	107.1	5.76	< 0.002	mg/L
Boron - ICP-OES	103.2	106.8	109.6	2.59	<0.05	mg/L
Calcium - ICP-OES	102.2	82.0	90.0	2.20	<0.1	mg/L
Chloride - Ion Chromatography	96.6	96.0	95.0	1.05	<0.1	mg/L
Chromium - ICP-MS	105.0	114.0	147.0	25.29	< 0.002	mg/L
Copper - ICP-MS	103.0	114.0	148.0	25.95	< 0.002	mg/L
Cyanide,Total	99.8	95.5	95.0	0.52	<0.005	mg/L
Fluoride - Ion Chromatography	96.7	100.0	100.0	0.00	<0.1	mg/L
Hardness, as CACO3				1.34		
Kjeldahl Nitrogen - Digestion/Anal	100.0	94.0	98.0	4.17	<0.1	mg/L
Magnesium - ICP-OES	104.8	106.8	105.8	0.94	<0.1	mg/L
Manganese - ICP-MS	104.0	114.0	146.0	24.62	< 0.002	mg/L
Mercury - AA Cold Vapor	94.9	100.0	102.0	1.98	<0.0005	mg/L
Nitrate-N - Ion Chromatography	99.1	101.0	101.0	0.00	<0.1	mg/L
Nitrite-N - Ion Chromatography	98.8	101.0	101.0	0.00	<0.1	mg/L
Phosphorus - Ortho	94.0	98.5	98.5	0.00	<0.02	mg/L
Potassium - ICP-OES	98.2	111.6	110.2	1.26	<0.5	mg/L
Silica		61.2	62.5	2.02		
Silver - ICP-MS	102.0	92.8	97.2	4.63	< 0.002	mg/L
Sodium - ICP-OES	101.8	86.0	88.0	2.30	<0.1	mg/L

Legend: LCS, Laboratory Control Standard; MS, Matrix Spike; MSD, Matrix Spike Duplicate; RPD, Relative Percent Difference

Tuesday, April 11, 2000

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John Kobza, Ph.D.
John C. Seher
Managers

Quality Control Report

An Addendum to SEM Report Number: 34068

Sierra
Environmental
Monitoring, Inc.

Parameter	*LCS, % Recovery*	*MS, % Recovery*	*MSD, % Recovery*	*RPD, %*	*Method Blank*	
Sulfate - Ion Chromatography	99.6	93.0	96.0	3.17	<0.1	mg/L
Suspended Solids				7.14		
Total Dissolved Solids		100.8		0.00		
Zinc - ICP-MS	108.0	118.5	156.5	27.64	< 0.02	mg/L

Legend: LCS, Laboratory Control Standard; MS, Matrix Spike; MSD, Matrix Spike Duplicate; RPD, Relative Percent Difference

Tuesday, April 11, 2000

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SIERRA ENVIRONMRENTAL MONITORING, INC.

OrderID	Param	LCS % Recovery	LCS Upper Control	LCS Lower Control	MS % Recovery	MS Upper Control	MS Lower Control Limit	MSD % Recovery	MSD Upper Control	MSD Lower Control	RPD	UCL	LCL	
34068	Alkalinity, Total										0	20	0	
34068	Alkalinity/Bicarbonate										0	20	0	
34068	Alkalinity/Carbonate										0	20	0	
34068	Alkalinity/Hydroxide										0	20	0	
34068	Ammonia-	95.2381	115	85	103	120	80	101	120	80	1.960784	20	0	BA
34068	Arsenic - IC	101	110	90	105	130	70	108	130	70	2.816901	20	0	BA
34068	Barium - IC	97.6	110	90	101.1	130	70	107.1	130	70	5.763689	20	0	BA
34068	Boron - IC	103.2	110	90	106.8	130	70	109.6	130	70	2.5878	20	0	BA
34068	Calcium - I	102.2	110	90	82	130	70	90	130	70	2.197802	20	0	BA
34068	Chloride - I	96.57143	110	90	96	110	90	95	110	90	1.04712	20	0	BA
34068	Chromium	105	110	90	114	130	70	(147)	130	70	(25)28736	20	0	MSD%, RPDex
34068	Copper - IC	103	110	90	114	130	70	(148)	130	70	25.9542	20	0	BA MSD% exceed
34068	Cyanide,To	99.75	115	85	95.5	115	85	95	115	85	0.524934	20	0	BA
34068	Fluoride - I	96.66667	110	90	100	110	90	100	110	90	0	20	0	BA
34068	Hardness, as CACO3										1.336303	20	0	BA
34068	Kjeldahl Ni	100	115	85	94	120	80	98	120	80	4.166667	20	0	BA
34068	Magnesiu	104.8	110	90	106.8	130	70	105.8	130	70	0.940734	20	0	BA
34068	Manganese	104	110	90	114	130	70	146	130	70	(24.61538	20	0	RPD exceeded
34068	Mercury -	94.87805	110	90	100	120	80	102	120	80	1.980198	20	0	BA
34068	Nitrate-N -	99.05882	110	90	101	110	90	101	110	90	0	20	0	BA
34068	Nitrite-N - I	98.80952	110	90	101	110	90	101	110	90	0	20	0	BA
34068	Phosphoru	94.01869	110	90	98.5	120	80	98.5	120	80	0	20	0	BA
34068	Potassium	98.2	110	90	111.6	130	70	110.2	130	70	1.262399	20	0	BA
34068	Silica				(61.25)	120	80	(62.5)	120	80	2.020202	20	0	MS%, MSD% ex
34068	Silver - ICP	102	110	90	92.8	130	70	97.2	130	70	4.631579	20	0	BA
34068	Sodium - I	101.8	110	90	86	130	70	88	130	70	2.298851	20	0	BA
34068	Sulfate - Io	99.55556	110	90	93	110	90	96	110	90	3.174603	20	0	BA
34068	Suspended Solids										7.142857	20	0	
34068	Total Dissolved Solids				100.8	120	80				0	10	0	
34068	Zinc - ICP-	108	110	90	118.5	130	70	(156.5)	130	70	(27.63636	20	0	MSD%, RPD exceed

This photocopy of electronic data file agrees with signed Quality Control Report 34068 per my review. [signature] 11/20/01

All rows of data above, ~~is app~~ that bears my initials, is approved for data entry.

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CustomerName	Customer ID	Order ID	Customer PO	Project ID	Customer Sample Number	Site	Collector	CollectDate	SampleNumber	Matrix	Param	Method	Dissolved Limit	Lower RDL	Reported Result	Numeric Result	Units	Analyst Employee	Analysis Date
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Alkalinity, Total	EPA 310.1	1	1	31	31	mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Alkalinity/Bicarbonate	EPA 310.1	1	1	31	31	mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Alkalinity/Carbonate	EPA 310.1	1	1	<1	0.5	mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Alkalinity/Hydroxide	EPA 310.1	1	1	<1	0.5	mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1	<0.1	0.05	mg/L	Hellmann	23-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.001	0.009	0.009	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05	<0.05	0.025	mg/L	Faulstich	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Calcium - ICP-OES	EPA 200.7	0.1	0.1	8.8	8.8	mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Chloride - Ion Chromatography	EPA 300.0	0.1	0.1	0.9	0.9	mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Cyanide,Total	EPA 335.2	0.005	0.005	<0.005	0.0025	mg/L	Kobza	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Fluoride - Ion Chromatography	EPA 300.0	0.1	0.1	0.1	0.1	mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Hardness, as CACO3	EPA 130.2	0.1	0.1	27	27	mg/L	Seher	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Magnesium - ICP-OES	EPA 200.7	0.1	0.1	1.2	1.2	mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04	<0.0005	0.00025	mg/L	Jones	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1	0.2N	0.2	mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Phosphorus - Ortho	EPA 365.3	0.02	0.02	<0.02	0.01	mg/L	Jones	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Potassium - ICP-OES	EPA 200.7	0.2	0.2	1.1	1.1	mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Radiological Analysis	Subcontract		0	See	0			10-Apr-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Silica	EPA 370.1	1	1	15	15	mg/L	Nussbaum	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Silver - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Sodium - ICP-OES	EPA 200.7	0.1	0.1	5.1	5.1	mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Sulfate - Ion Chromatography	EPA 300.0	0.1	0.1	6.0	6	mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Total Dissolved Solids	EPA 160.1	10	7	52	52	mg/L	Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Total Petroleum Hydrocarbon	Subcontract		0	See	0			
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	VOCs	Subcontract		0	See	0			
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-1		B. Adkins	3/7/2000	S200003-0363	Clean Water	Zinc - ICP-MS	EPA 200.8	0.01	0.02	< 0.02	0.01	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Alkalinity, Total	EPA 310.1	1	1	52	52	mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Alkalinity/Bicarbonate	EPA 310.1	1	1	52	52	mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Alkalinity/Carbonate	EPA 310.1	1	1	<1	0.5	mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Alkalinity/Hydroxide	EPA 310.1	1	1	<1	0.5	mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1	<0.1	0.05	mg/L	Hellmann	23-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.001	0.004	0.004	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.001	0.007	0.007	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05	<0.05	0.025	mg/L	Faulstich	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Calcium - ICP-OES	EPA 200.7	0.1	0.1	12	12	mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Chloride - Ion Chromatography	EPA 300.0	0.1	0.1	4.6	4.6	mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Cyanide,Total	EPA 335.2	0.005	0.005	<0.005	0.0025	mg/L	Kobza	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Fluoride - Ion Chromatography	EPA 300.0	0.1	0.1	1.0	1	mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Hardness, as CACO3	EPA 130.2	0.1	0.1	34	34	mg/L	Seher	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Magnesium - ICP-OES	EPA 200.7	0.1	0.1	0.88	0.88	mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04	<0.0005	0.00025	mg/L	Jones	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1	0.3N	0.3	mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Phosphorus - Ortho	EPA 365 3	0.02	0.02	<0.02	0.01	mg/L	Jones	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Potassium - ICP-OES	EPA 200.7	0.2	0.2	1.5	1.5	mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Radiological Analysis	Subcontract		0	See	0			10-Apr-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Silica	EPA 370 1	1	1	20	20	mg/L	Nussbaum	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Silver - ICP-MS	EPA 200 8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Sodium - ICP-OES	EPA 200.7	0.1	0.1	18	18	mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Sulfate - Ion Chromatography	EPA 300 0	0.1	0.1	14	14	mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Total Dissolved Solids	EPA 160.1	10	7	79	79	mg/L	Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Total Petroleum Hydrocarbon	Subcontract		0	See	0			
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	VOCs	Subcontract		0	See	0			
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-2		B. Adkins	3/8/2000	S200003-0364	Clean Water	Zinc - ICP-MS	EPA 200 8	0.01	0.02	< 0.02	0.01	mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1	<0.1	0.05	mg/L	Hellmann	23-Mar-00

Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.001	0.004	0.004	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.001	0.007	0.007	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05	<0.05	0.025	mg/L		Faulstich	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Hardness, as CACO3	EPA 130.2	0.1	0.1	38	38	mg/L		Seher	14-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04	<0.0005	0.00025	mg/L		Jones	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1	0.4N	0.4	mg/L		Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Silver - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Total Petroleum Hydrocarbon	Subcontract		0	See	0				
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	VOCs	Subcontract		0	See	0				
Bishop Paiute Tribal Council	BIS-002	34068	2589		MW-3		B. Adkins	3/8/2000	S200003-0365	Clean Water	Zinc - ICP-MS	EPA 200.8	0.01	0.02	< 0.02	0.01	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		GW-7		B. Adkins	3/8/2000	S200003-0366	Clean Water	Total Petroleum Hydrocarbon	Subcontract		0	See	0				
Bishop Paiute Tribal Council	BIS-002	34068	2589		GW-7		B. Adkins	3/8/2000	S200003-0366	Clean Water	VOCs	Subcontract		0	See	0				
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Alkalinity, Total	EPA 310.1	1	1	21	21	mg/L	CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Alkalinity/Bicarbonate	EPA 310.1	1	1	21	21	mg/L	CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Alkalinity/Carbonate	EPA 310.1	1	1	<1	0.5	mg/L	CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Alkalinity/Hydroxide	EPA 310.1	1	1	<1	0.5	mg/L	CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1	<0.1	0.05	mg/L		Hellmann	23-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.001	0.002	0.002	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05	<0.05	0.025	mg/L		Faulstich	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Calcium - ICP-OES	EPA 200.7	0.1	0.1	7.0	7	mg/L		Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Chloride - Ion Chromatography	EPA 300.0	0.1	0.1	0.6	0.6	mg/L		Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Cyanide,Total	EPA 335.2	0.005	0.005	<0.005	0.0025	mg/L		Kobza	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Fluoride - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1	0.05	mg/L		Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Hardness, as CACO3	EPA 130.2	0.1	0.1	20	20	mg/L		Seher	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Kjeldahl Nitrogen - Digestion/Analysis	EPA 351.4	0.1	0.1	0.31	0.31	mg/L		Hellmann	21-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Magnesium - ICP-OES	EPA 200.7	0.1	0.1	0.59	0.59	mg/L		Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04	<0.0005	0.00025	mg/L		Jones	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1N	0.05	mg/L		Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Nitrite-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1N	0.05	mg/L		Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Phosphorus - Ortho	EPA 365.3	0.02	0.02	<0.02	0.01	mg/L		Jones	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Potassium - ICP-OES	EPA 200.7	0.2	0.5	<0.5	0.25	mg/L		Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Silver - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Sodium - ICP-OES	EPA 200.7	0.1	0.1	3.4	3.4	mg/L		Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Sulfate - Ion Chromatography	EPA 300.0	0.1	0.1	4.4	4.4	mg/L		Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Suspended Solids	EPA 160.2	1	1	3	3	mg/L		Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Total Dissolved Solids	EPA 160.1	10	7	26	26	mg/L		Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-1		B. Adkins	3/8/2000	S200003-0367	Clean Water	Zinc - ICP-MS	EPA 200.8	0.01	0.02	< 0.02	0.01	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Alkalinity, Total	EPA 310.1	1	1	21	21	mg/L	CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Alkalinity/Bicarbonate	EPA 310.1	1	1	21	21	mg/L	CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Alkalinity/Carbonate	EPA 310.1	1	1	<1	0.5	mg/L	CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Alkalinity/Hydroxide	EPA 310.1	1	1	<1	0.5	mg/L	CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1	<0.1	0.05	mg/L		Hellmann	23-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.001	0.002	0.002	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05	<0.05	0.025	mg/L		Faulstich	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Calcium - ICP-OES	EPA 200.7	0.1	0.1	7.1	7.1	mg/L		Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Chloride - Ion Chromatography	EPA 300.0	0.1	0.1	0.6	0.6	mg/L		Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Cyanide,Total	EPA 335.2	0.005	0.005	<0.005	0.0025	mg/L		Kobza	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Fluoride - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1	0.05	mg/L		Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Hardness, as CACO3	EPA 130.2	0.1	0.1	19	19	mg/L		Seher	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Kjeldahl Nitrogen - Digestion/Analysis	EPA 351.4	0.1	0.1	0.15	0.15	mg/L		Hellmann	21-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Magnesium - ICP-OES	EPA 200.7	0.1	0.1	0.61	0.61	mg/L		Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L		Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04	<0.0005	0.00025	mg/L		Jones	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-2		B. Adkins	3/8/2000	S200003-0368	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1N	0.05	mg/L		Lowe	09-Mar-00

Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-2	B. Adkins	3/8/2000	S200003-0368	Clean Water	Nitrite-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1N	0.05 mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-2	B. Adkins	3/8/2000	S200003-0368	Clean Water	Phosphorus - Ortho	EPA 365.3	0.02	0.02	<0.02	0.01 mg/L	Jones	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-2	B. Adkins	3/8/2000	S200003-0368	Clean Water	Potassium - ICP-OES	EPA 200.7	0.2	0.5	<0.5	0.25 mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-2	B. Adkins	3/8/2000	S200003-0368	Clean Water	Silver - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-2	B. Adkins	3/8/2000	S200003-0368	Clean Water	Sodium - ICP-OES	EPA 200.7	0.1	0.1	3.5	3.5 mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-2	B. Adkins	3/8/2000	S200003-0368	Clean Water	Sulfate - Ion Chromatography	EPA 300.0	0.1	0.1	4.3	4.3 mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-2	B. Adkins	3/8/2000	S200003-0368	Clean Water	Suspended Solids	EPA 160.2	1	1	2	2 mg/L	Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-2	B. Adkins	3/8/2000	S200003-0368	Clean Water	Total Dissolved Solids	EPA 160.1	10	7	28	28 mg/L	Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-2	B. Adkins	3/8/2000	S200003-0368	Clean Water	Zinc - ICP-MS	EPA 200.8	0.01	0.02	< 0.02	0.01 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Alkalinity, Total	EPA 310.1	1	1	21	21 mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Alkalinity/Bicarbonate	EPA 310.1	1	1	21	21 mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Alkalinity/Carbonate	EPA 310.1	1	1	<1	0.5 mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Alkalinity/Hydroxide	EPA 310.1	1	1	<1	0.5 mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1	<0.1	0.05 mg/L	Hellmann	23-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05	<0.05	0.025 mg/L	Faulstich	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Calcium - ICP-OES	EPA 200.7	0.1	0.1	6.8	6.8 mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Chloride - Ion Chromatography	EPA 300.0	0.1	0.1	0.6	0.6 mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Cyanide,Total	EPA 335.2	0.005	0.005	<0.005	0.0025 mg/L	Kobza	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Fluoride - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1	0.05 mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Hardness, as CACO3	EPA 130.2	0.1	0.1	19	19 mg/L	Seher	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Kjeldahl Nitrogen - Digestion/Analysis	EPA 351.4	0.1	0.1	0.14	0.14 mg/L	Hellmann	21-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Magnesium - ICP-OES	EPA 200.7	0.1	0.1	0.55	0.55 mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04	<0.0005	0.00025 mg/L	Jones	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1N	0.05 mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Nitrite-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1N	0.05 mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Phosphorus - Ortho	EPA 365.3	0.02	0.02	<0.02	0.01 mg/L	Jones	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Potassium - ICP-OES	EPA 200.7	0.2	0.5	<0.5	0.25 mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Silver - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Sodium - ICP-OES	EPA 200.7	0.1	0.1	3.3	3.3 mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Sulfate - Ion Chromatography	EPA 300.0	0.1	0.1	4.3	4.3 mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Suspended Solids	EPA 160.2	1	1	2	2 mg/L	Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Total Dissolved Solids	EPA 160.1	10	7	27	27 mg/L	Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-3	B. Adkins	3/8/2000	S200003-0369	Clean Water	Zinc - ICP-MS	EPA 200.8	0.01	0.02	< 0.02	0.01 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Alkalinity, Total	EPA 310.1	1	1	21	21 mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Alkalinity/Bicarbonate	EPA 310.1	1	1	21	21 mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Alkalinity/Carbonate	EPA 310.1	1	1	<1	0.5 mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Alkalinity/Hydroxide	EPA 310.1	1	1	<1	0.5 mg/L CaCO3	Jones	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1	<0.1	0.05 mg/L	Hellmann	23-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05	<0.05	0.025 mg/L	Faulstich	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Calcium - ICP-OES	EPA 200.7	0.1	0.1	6.6	6.6 mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Chloride - Ion Chromatography	EPA 300.0	0.1	0.1	0.6	0.6 mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Cyanide,Total	EPA 335.2	0.005	0.005	<0.005	0.0025 mg/L	Kobza	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Fluoride - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1	0.05 mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Hardness, as CACO3	EPA 130.2	0.1	0.1	19	19 mg/L	Seher	13-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Kjeldahl Nitrogen - Digestion/Analysis	EPA 351.4	0.1	0.1	0.18	0.18 mg/L	Hellmann	21-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Magnesium - ICP-OES	EPA 200.7	0.1	0.1	0.55	0.55 mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04	<0.0005	0.00025 mg/L	Jones	15-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1N	0.05 mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Nitrite-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1N	0.05 mg/L	Lowe	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Phosphorus - Ortho	EPA 365.3	0.02	0.02	<0.02	0.01 mg/L	Jones	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Potassium - ICP-OES	EPA 200.7	0.2	0.5	<0.5	0.25 mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Silver - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Sodium - ICP-OES	EPA 200.7	0.1	0.1	3.4	3.4 mg/L	Faulstich	09-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589	SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Sulfate - Ion Chromatography	EPA 300.0	0.1	0.1	4.3	4.3 mg/L	Lowe	09-Mar-00

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Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Suspended Solids	EPA 160.2	1	1	3	3 mg/L	Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Total Dissolved Solids	EPA 160.1	10	7	19	19 mg/L	Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		SW-4	B. Adkins	3/8/2000	S200003-0370	Clean Water	Zinc - ICP-MS	EPA 200.8	0.01	0.02	< 0.02	0.01 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		Trip Blank	B. Adkins	1/21/2000	S200003-0371	Clean Water	VOCs	Subcontract		0	See	0		
Bishop Paiute Tribal Council	BIS-002	34068	2589		Field	B. Adkins	3/8/2000	S200003-0372	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001 mg/L	Lambert	20-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		Sample A	B. Adkins	11/3/1999	S200003-0373	Clean Water	Suspended Solids	EPA 160.2	1	1	27	27 mg/L	Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		Sample A	B. Adkins	11/3/1999	S200003-0373	Clean Water	Total Dissolved Solids	EPA 160.1	10	7	26	26 mg/L	Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		Sample B	B. Adkins	11/3/1999	S200003-0374	Clean Water	Suspended Solids	EPA 160.2	1	1	42	42 mg/L	Tretten	10-Mar-00
Bishop Paiute Tribal Council	BIS-002	34068	2589		Sample B	B. Adkins	11/3/1999	S200003-0374	Clean Water	Total Dissolved Solids	EPA 160.1	10	7	<7	3.5 mg/L	Tretten	10-Mar-00

~~All~~ Data have been reviewed pursuant to QAPP Section D1. All data + comments is approved for entry into data base. ek B. Adkins 12/21/00

TestMethod	Analyte	SampleID	Result	SampleID	Result	RPD	UCL	LCL
EPA Method SW8015	Nonane	(200003-364) MW-2	98.4	(200003-365) MW-3	81.5	18.7882157	20	0
EPA Method SW8015	TPH-E (Diesel)	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method SW8015	TPH-E (Gasoline)	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method SW8015	TPH-E (Jet Fuel)	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method SW8015	TPH-E (Oil)	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	1,1,1-Trichloroethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	1,1,2,2-Tetrachloroethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	1,1,2-Trichloroethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	1,1-Dichloroethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	1,1-Dichloroethene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	1,2-Dichlorobenzene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	1,2-Dichloroethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	1,2-Dichloroethane-d4	(200003-364) MW-2	9.91	(200003-365) MW-3	10.1	-1.89905047	20	0
EPA Method 624/SW8260B	1,2-Dichloropropane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	1,3-Dichlorobenzene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	1,4-Dichlorobenzene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	2-Chloroethylvinylether	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	4-Bromofluorobenzene	(200003-364) MW-2	9.89	(200003-365) MW-3	9.8	0.91416963	20	0
EPA Method 624/SW8260B	Benzene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Bromodichloromethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Bromoform	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Bromomethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Carbon tetrachloride	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Chlorobenzene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Chloroethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Chloroform	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Chloromethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	cis-1,2-Dichloroethene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	cis-1,3-Dichloropropene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Dibromochloromethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Dichloromethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Ethylbenzene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	m,p-Xylene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Methyl tert-butyl ether (MTI	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	o-Xylene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Tetrachloroethene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Toluene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Toluene-d8	(200003-364) MW-2	10.4	(200003-365) MW-3	10.3	0.96618357	20	0
EPA Method 624/SW8260B	trans-1,2-Dichloroethene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	trans-1,3-Dichloropropene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Trichloroethene	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Trichlorofluoromethane	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0
EPA Method 624/SW8260B	Vinyl chloride	(200003-364) MW-2	0	(200003-365) MW-3	0	#DIV/0!	20	0

(Note: MW3 is a duplicate of MW2). The above QA data has been reconciled with DQOs of Section D3 QAPP (July 30, 99).

Facility	Quarter	Sample Date	Type	Creation	Report
[illegible]	Winter 00	1/3/00	Chemical	Lab	Alpha Analytical Report #SEM00003093 [illegible]

Alpha Analytical, I.
255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Sierra Environmental Monitoring
1135 Financial Blvd.
Reno, NV 89502

Job#:
Phone: (775) 857-2400
Attn: John Seher

Total Petroleum Hydrocarbons - Extractable (TPH-E) EPA Method 8015B/DHS LUFT Manual

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID:	(200003-363) MW-1	TPH-E (Gasoline)	ND	0.50 mg/L	03/07/00	03/13/00
Lab ID:	SEM00030931-01A	TPH-E (Jet Fuel)	ND	0.50 mg/L	03/07/00	03/13/00
		TPH-E (Diesel)	ND	0.50 mg/L	03/07/00	03/13/00
		TPH-E (Oil)	ND	0.50 mg/L	03/07/00	03/13/00
Client ID:	(200003-364) MW-2	TPH-E (Gasoline)	ND	0.50 mg/L	03/08/00	03/11/00
Lab ID:	SEM00030931-02A	TPH-E (Jet Fuel)	ND	0.50 mg/L	03/08/00	03/11/00
		TPH-E (Diesel)	ND	0.50 mg/L	03/08/00	03/11/00
		TPH-E (Oil)	ND	0.50 mg/L	03/08/00	03/11/00
Client ID:	(200003-365) MW-3	TPH-E (Gasoline)	ND	0.50 mg/L	03/08/00	03/11/00
Lab ID:	SEM00030931-03A	TPH-E (Jet Fuel)	ND	0.50 mg/L	03/08/00	03/11/00
		TPH-E (Diesel)	ND	0.50 mg/L	03/08/00	03/11/00
		TPH-E (Oil)	ND	0.50 mg/L	03/08/00	03/11/00
Client ID:	(200003-366) GW-7	TPH-E (Gasoline)	ND	0.50 mg/L	03/08/00	03/11/00
Lab ID:	SEM00030931-04A	TPH-E (Jet Fuel)	ND	0.50 mg/L	03/08/00	03/11/00
		TPH-E (Diesel)	ND	0.50 mg/L	03/08/00	03/11/00
		TPH-E (Oil)	ND	0.50 mg/L	03/08/00	03/11/00

ND = Not Detected

Approved By: R Scholl Date: 3/21/00

Roger L. Scholl, Ph.D.
Laboratory Director

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Alpha Analytical, I.
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ANALYTICAL REPORT

Sierra Environmental Monitoring
1135 Financial Blvd.
Reno, NV 89502

Job#:
Phone: (775) 857-2400
Attn: John Seher

Alpha Analytical Number: SEM00030931-01A
Client I.D. Number: (200003-363) MW-1

Sampled: 03/07/00
Received: 03/09/00
Analyzed: 03/13/00

Volatile Organics by GC/MS
EPA Method 624/SW8260B

	Compound	Concentration µg/L	Reporting Limit		Compound	Concentration µg/L	Reporting Limit
1	Chloromethane	ND	2.0 µg/L	25	Dibromochloromethane	ND	1.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L	26	Tetrachloroethene	ND	1.0 µg/L
3	Chloroethane	ND	1.0 µg/L	27	Chlorobenzene	ND	1.0 µg/L
4	Bromomethane	ND	1.0 µg/L	28	Ethylbenzene	ND	1.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L	29	m,p-Xylene	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L	30	Bromoform	ND	1.0 µg/L
7	Dichloromethane	ND	2.0 µg/L	31	o-Xylene	ND	1.0 µg/L
8	trans-1,2-Dichloroethene	ND	1.0 µg/L	32	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
9	Methyl tert-butyl ether (MTBE)	ND	1.0 µg/L	33	1,3-Dichlorobenzene	ND	1.0 µg/L
10	1,1-Dichloroethane	ND	1.0 µg/L	34	1,4-Dichlorobenzene	ND	1.0 µg/L
11	cis-1,2-Dichloroethene	ND	1.0 µg/L	35	1,2-Dichlorobenzene	ND	1.0 µg/L
12	Chloroform	ND	1.0 µg/L				
13	1,2-Dichloroethane	ND	1.0 µg/L				
14	1,1,1-Trichloroethane	ND	1.0 µg/L				
15	Carbon tetrachloride	ND	1.0 µg/L				
16	Benzene	ND	1.0 µg/L				
17	1,2-Dichloropropane	ND	1.0 µg/L				
18	Trichloroethene	ND	1.0 µg/L				
19	Bromodichloromethane	ND	1.0 µg/L				
20	2-Chloroethylvinylether	ND	2.0 µg/L				
21	cis-1,3-Dichloropropene	ND	1.0 µg/L				
22	trans-1,3-Dichloropropene	ND	1.0 µg/L				
23	1,1,2-Trichloroethane	ND	1.0 µg/L				
24	Toluene	ND	1.0 µg/L				

ND = Not Detected

Approved By: _____ Date: 3/21/00

Roger L. Scholl, Ph.D.
Laboratory Director

Alpha Analytical, I.
255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
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ANALYTICAL REPORT

Sierra Environmental Monitoring
1135 Financial Blvd.
Reno, NV 89502

Job#:
Phone: (775) 857-2400
Attn: John Seher

Alpha Analytical Number: SEM00030931-02A
Client I.D. Number: (200003-364) MW-2

Sampled: 03/08/00
Received: 03/09/00
Analyzed: 03/13/00

Volatile Organics by GC/MS
EPA Method 624/SW8260B

	Compound	Concentration µg/L	Reporting Limit
1	Chloromethane	ND	2.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L
3	Chloroethane	ND	1.0 µg/L
4	Bromomethane	ND	1.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L
7	Dichloromethane	ND	2.0 µg/L
8	trans-1,2-Dichloroethene	ND	1.0 µg/L
9	Methyl tert-butyl ether (MTBE)	ND	1.0 µg/L
10	1,1-Dichloroethane	ND	1.0 µg/L
11	cis-1,2-Dichloroethene	ND	1.0 µg/L
12	Chloroform	ND	1.0 µg/L
13	1,2-Dichloroethane	ND	1.0 µg/L
14	1,1,1-Trichloroethane	ND	1.0 µg/L
15	Carbon tetrachloride	ND	1.0 µg/L
16	Benzene	ND	1.0 µg/L
17	1,2-Dichloropropane	ND	1.0 µg/L
18	Trichloroethene	ND	1.0 µg/L
19	Bromodichloromethane	ND	1.0 µg/L
20	2-Chloroethylvinylether	ND	2.0 µg/L
21	cis-1,3-Dichloropropene	ND	1.0 µg/L
22	trans-1,3-Dichloropropene	ND	1.0 µg/L
23	1,1,2-Trichloroethane	ND	1.0 µg/L
24	Toluene	ND	1.0 µg/L
25	Dibromochloromethane	ND	1.0 µg/L
26	Tetrachloroethene	ND	1.0 µg/L
27	Chlorobenzene	ND	1.0 µg/L
28	Ethylbenzene	ND	1.0 µg/L
29	m,p-Xylene	ND	1.0 µg/L
30	Bromoform	ND	1.0 µg/L
31	o-Xylene	ND	1.0 µg/L
32	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
33	1,3-Dichlorobenzene	ND	1.0 µg/L
34	1,4-Dichlorobenzene	ND	1.0 µg/L
35	1,2-Dichlorobenzene	ND	1.0 µg/L

ND = Not Detected

Approved By: _____ Date: 3/21/00

Roger L. Scholl, Ph.D.
Laboratory Director

Alpha Analytical, I.
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(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Sierra Environmental Monitoring
1135 Financial Blvd.
Reno, NV 89502

Job#:
Phone: (775) 857-2400
Attn: John Seher

Alpha Analytical Number: SEM00030931-03A
Client I.D. Number: (200003-365) MW-3

Sampled: 03/08/00
Received: 03/09/00
Analyzed: 03/13/00

Volatile Organics by GC/MS
EPA Method 624/SW8260B

	Compound	Concentration µg/L	Reporting Limit
1	Chloromethane	ND	2.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L
3	Chloroethane	ND	1.0 µg/L
4	Bromomethane	ND	1.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L
7	Dichloromethane	ND	2.0 µg/L
8	trans-1,2-Dichloroethene	ND	1.0 µg/L
9	Methyl tert-butyl ether (MTBE)	ND	1.0 µg/L
10	1,1-Dichloroethane	ND	1.0 µg/L
11	cis-1,2-Dichloroethene	ND	1.0 µg/L
12	Chloroform	ND	1.0 µg/L
13	1,2-Dichloroethane	ND	1.0 µg/L
14	1,1,1-Trichloroethane	ND	1.0 µg/L
15	Carbon tetrachloride	ND	1.0 µg/L
16	Benzene	ND	1.0 µg/L
17	1,2-Dichloropropane	ND	1.0 µg/L
18	Trichloroethene	ND	1.0 µg/L
19	Bromodichloromethane	ND	1.0 µg/L
20	2-Chloroethylvinylether	ND	2.0 µg/L
21	cis-1,3-Dichloropropene	ND	1.0 µg/L
22	trans-1,3-Dichloropropene	ND	1.0 µg/L
23	1,1,2-Trichloroethane	ND	1.0 µg/L
24	Toluene	ND	1.0 µg/L
25	Dibromochloromethane	ND	1.0 µg/L
26	Tetrachloroethene	ND	1.0 µg/L
27	Chlorobenzene	ND	1.0 µg/L
28	Ethylbenzene	ND	1.0 µg/L
29	m,p-Xylene	ND	1.0 µg/L
30	Bromoform	ND	1.0 µg/L
31	o-Xylene	ND	1.0 µg/L
32	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
33	1,3-Dichlorobenzene	ND	1.0 µg/L
34	1,4-Dichlorobenzene	ND	1.0 µg/L
35	1,2-Dichlorobenzene	ND	1.0 µg/L

ND = Not Detected

Approved By: R Scholl Date: 3/21/00

Roger L. Scholl, Ph.D.
Laboratory Director

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Alpha Analytical, I.
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ANALYTICAL REPORT

Sierra Environmental Monitoring
1135 Financial Blvd.
Reno, NV 89502

Job#:
Phone: (775) 857-2400
Attn: John Seher

Alpha Analytical Number: SEM00030931-04A
Client I.D. Number: (200003-366) GW-7

Sampled: 03/08/00
Received: 03/09/00
Analyzed: 03/13/00

Volatile Organics by GC/MS
EPA Method 624/SW8260B

	Compound	Concentration µg/L	Reporting Limit
1	Chloromethane	ND	2.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L
3	Chloroethane	ND	1.0 µg/L
4	Bromomethane	ND	1.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L
7	Dichloromethane	ND	2.0 µg/L
8	trans-1,2-Dichloroethene	ND	1.0 µg/L
9	Methyl tert-butyl ether (MTBE)	ND	1.0 µg/L
10	1,1-Dichloroethane	ND	1.0 µg/L
11	cis-1,2-Dichloroethene	ND	1.0 µg/L
12	Chloroform	ND	1.0 µg/L
13	1,2-Dichloroethane	ND	1.0 µg/L
14	1,1,1-Trichloroethane	ND	1.0 µg/L
15	Carbon tetrachloride	ND	1.0 µg/L
16	Benzene	ND	1.0 µg/L
17	1,2-Dichloropropane	ND	1.0 µg/L
18	Trichloroethene	ND	1.0 µg/L
19	Bromodichloromethane	ND	1.0 µg/L
20	2-Chloroethylvinylether	ND	2.0 µg/L
21	cis-1,3-Dichloropropene	ND	1.0 µg/L
22	trans-1,3-Dichloropropene	ND	1.0 µg/L
23	1,1,2-Trichloroethane	ND	1.0 µg/L
24	Toluene	ND	1.0 µg/L
25	Dibromochloromethane	ND	1.0 µg/L
26	Tetrachloroethene	ND	1.0 µg/L
27	Chlorobenzene	ND	1.0 µg/L
28	Ethylbenzene	ND	1.0 µg/L
29	m,p-Xylene	ND	1.0 µg/L
30	Bromoform	ND	1.0 µg/L
31	o-Xylene	ND	1.0 µg/L
32	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
33	1,3-Dichlorobenzene	ND	1.0 µg/L
34	1,4-Dichlorobenzene	ND	1.0 µg/L
35	1,2-Dichlorobenzene	ND	1.0 µg/L

ND = Not Detected

Approved By: _____ Date: 3/21/00

Roger L. Scholl, Ph.D.
Laboratory Director

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Alpha Analytical, I.
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ANALYTICAL REPORT

Sierra Environmental Monitoring
1135 Financial Blvd.
Reno, NV 89502

Job#:
Phone: (775) 857-2400
Attn: John Seher

Alpha Analytical Number: SEM00030931-05A
Client I.D. Number: (200003-371) Trip Blank

Sampled: 01/21/00
Received: 03/09/00
Analyzed: 03/13/00

Volatile Organics by GC/MS
EPA Method 624/SW8260B

	Compound	Concentration µg/L	Reporting Limit
1	Chloromethane	ND	2.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L
3	Chloroethane	ND	1.0 µg/L
4	Bromomethane	ND	1.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L
7	Dichloromethane	ND	2.0 µg/L
8	trans-1,2-Dichloroethene	ND	1.0 µg/L
9	Methyl tert-butyl ether (MTBE)	ND	1.0 µg/L
10	1,1-Dichloroethane	ND	1.0 µg/L
11	cis-1,2-Dichloroethene	ND	1.0 µg/L
12	Chloroform	ND	1.0 µg/L
13	1,2-Dichloroethane	ND	1.0 µg/L
14	1,1,1-Trichloroethane	ND	1.0 µg/L
15	Carbon tetrachloride	ND	1.0 µg/L
16	Benzene	ND	1.0 µg/L
17	1,2-Dichloropropane	ND	1.0 µg/L
18	Trichloroethene	ND	1.0 µg/L
19	Bromodichloromethane	ND	1.0 µg/L
20	2-Chloroethylvinylether	ND	2.0 µg/L
21	cis-1,3-Dichloropropene	ND	1.0 µg/L
22	trans-1,3-Dichloropropene	ND	1.0 µg/L
23	1,1,2-Trichloroethane	ND	1.0 µg/L
24	Toluene	ND	1.0 µg/L
25	Dibromochloromethane	ND	1.0 µg/L
26	Tetrachloroethene	ND	1.0 µg/L
27	Chlorobenzene	ND	1.0 µg/L
28	Ethylbenzene	ND	1.0 µg/L
29	m,p-Xylene	ND	1.0 µg/L
30	Bromoform	ND	1.0 µg/L
31	o-Xylene	ND	1.0 µg/L
32	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
33	1,3-Dichlorobenzene	ND	1.0 µg/L
34	1,4-Dichlorobenzene	ND	1.0 µg/L
35	1,2-Dichlorobenzene	ND	1.0 µg/L

ND = Not Detected

Approved By: R. Scholl Date: 3/21/00

Roger L. Scholl, Ph.D.
Laboratory Director

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SIERRA ENVIRONMENTAL MONITORING INC

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	SubLab Name	COC Work Order Number	AlphaSample ID	SubSampleID	Sample Type	SubTestMethod	SubMatrix	SubAnalyte	Sub Result	Sub Analyte Report Limit	Sub Test Report Limit	Sub Report Units	Sub Analysis Date	SubBatchID	Sub Prep Date	Sub Prep Method	Sub QC Spiked Amount	Sub QC Lower Limit	Sub QC Upper Limit	Sub QC Native Amount	Sub Comments	Sub Dilution Factor	RPD
2	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method SW8015	Aqueous	Nonane	100	0	0	mg/L	3/13/2000	3426	3/10/2000	TPH_W_P	100	40	153	0		0.3333333	0
3	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method SW8015	Aqueous	TPH-E (Diesel)	0.33	0.5	1.5	mg/L	3/13/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
4	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method SW8015	Aqueous	TPH-E (Gasoline)	0	0.5	1.5	mg/L	3/13/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
5	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method SW8015	Aqueous	TPH-E (Jet Fuel)	0	0.5	1.5	mg/L	3/13/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
6	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method SW8015	Aqueous	TPH-E (Oil)	0.31	0.5	1.5	mg/L	3/13/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
7	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,1-Trichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
8	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,2,2-Tetrachloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
9	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,2-Trichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
10	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	1,1-Dichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
11	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	1,1-Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
12	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
13	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
14	Alpha	none	00030931 01A	(200003 363) MW 1	SAMP	EPA Method 624/SW8260B	Aqueous	1,2 Dichloroethane d4	9.93	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	67	139	0		1	0
15	Alpha	none	00030931 01A	(200003 363) MW 1	SAMP	EPA Method 624/SW8260B	Aqueous	1,2 Dichloropropane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
16	Alpha	none	00030931 01A	(200003 363) MW 1	SAMP	EPA Method 624/SW8260B	Aqueous	1 3 Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
17	Alpha	none	00030931 01A	(200003 363) MW 1	SAMP	EPA Method 624/SW8260B	Aqueous	1,4 Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
18	Alpha	none	00030931 01A	(200003 363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	2 Chloroethylvinylether	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
19	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	4 Bromofluorobenzene	10.1	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	72	128	0		1	
20	Alpha	none	00030931 01A	(200003 363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Benzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	
21	Alpha	none	00030931 01A	(200003 363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Bromodichloromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	
22	Alpha	none	00030931 01A	(200003 363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Bromoform	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
23	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Bromomethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
24	Alpha	none	00030931 01A	(200003 363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Carbon tetrachloride	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
25	Alpha	none	00030931 01A	(200003 363) MW 1	SAMP	EPA Method 624/SW8260B	Aqueous	Chlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
26	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Chloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
27	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Chloroform	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
28	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Chloromethane	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
29	Alpha	none	00030931 01A	(200003 363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	cis 1,2 Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
30	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	cis-1,3 Dichloropropene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
31	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Dibromochloromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
32	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Dichloromethane	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
33	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Ethylbenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
34	Alpha	none	00030931 01A	(200003 363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	m,p Xylene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
35	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Methyl tert-butyl ether (MTBE)	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
36	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	o Xylene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
37	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Tetrachloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
38	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Toluene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
39	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Toluene-d8	10.3	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	74	127	0		1	0
40	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	trans-1,2-Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
41	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	trans-1,3-Dichloropropene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
42	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Trichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
43	Alpha	none	00030931 01A	(200003 363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Trichlorofluoromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
44	Alpha	none	00030931 01A	(200003-363) MW-1	SAMP	EPA Method 624/SW8260B	Aqueous	Vinyl chloride	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
45	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method SW8015	Aqueous	Nonane	98.4	0	0	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	100	40	153	0		0.3333333	0
46	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method SW8015	Aqueous	TPH-E (Diesel)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
47	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method SW8015	Aqueous	TPH-E (Gasoline)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
48	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method SW8015	Aqueous	TPH-E (Jet Fuel)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
49	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method SW8015	Aqueous	TPH-E (Oil)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
50	Alpha	none	00030931 02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,1-Trichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
51	Alpha	none	00030931 02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,2,2-Tetrachloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	
52	Alpha	none	00030931 02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,2-Trichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	
53	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	1,1-Dichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	
54	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	1,1-Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
55	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	1,2 Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
56	Alpha	none	00030931 02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
57	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichloroethane-d4	9.91	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	67	139	0		1	0
58	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichloropropane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
59	Alpha	none	00030931 02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	1,3-Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
60	Alpha	none	00030931 02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	1,4 Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
61	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	2 Chloroethylvinylether	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
62	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	4 Bromofluorobenzene	9.88	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	72	128	0		1	0
63	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Benzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
64	Alpha	none	00030931 02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Bromodichloromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
65	Alpha	none	00030931 02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Bromoform	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
66	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Bromomethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
67	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Carbon tetrachloride	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
68	Alpha	none	00030931-02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Chlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
69	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Chloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
70	Alpha	none	00030931-02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Chloroform	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
71	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Chloromethane	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
72	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	cis 1,2 Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
73	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	cis 1,3 Dichloropropene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
74	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Dibromochloromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
75	Alpha	none	00030931 02A	(200003 364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Dichloromethane	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0

Toluene-d8

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
76	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Ethylbenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
77	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	m,p-Xylene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
78	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Methyl tert-butyl ether (MTBE)	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
79	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	o-Xylene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
80	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Tetrachloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
81	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Toluene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
82	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Toluene-d8	104	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	74	127	0		1	0
83	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	trans-1,2-Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
84	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	trans-1,3-Dichloropropene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
85	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Trichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
86	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Trichlorofluoromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
87	Alpha	none	00030931-02A	(200003-364) MW-2	SAMP	EPA Method 624/SW8260B	Aqueous	Vinyl chloride	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
88	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method SW8015	Aqueous	Nonane	81.5	0	0	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	100	40	153	0		0.3333333	0
89	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method SW8015	Aqueous	TPH-E (Diesel)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
90	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method SW8015	Aqueous	TPH-E (Gasoline)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
91	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method SW8015	Aqueous	TPH-E (Jet Fuel)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
92	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method SW8015	Aqueous	TPH-E (Oil)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
93	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,1-Trichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
94	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,2,2-Tetrachloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
95	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,2-Trichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
96	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	1,1-Dichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
97	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	1,1-Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
98	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	
99	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	
100	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichloroethane-d4	101	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	67	139	0		1	
101	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichloropropane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
102	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	1,3-Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
103	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	1,4-Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
104	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	2-Chloroethylvinylether	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
105	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	4-Bromofluorobenzene	98	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	72	128	0		1	0
106	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Benzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
107	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Bromodichloromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
108	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Bromoform	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
109	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Bromomethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
110	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Carbon tetrachloride	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
111	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Chlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
112	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Chloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
113	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Chloroform	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
114	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Chloromethane	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
115	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	cis-1,2-Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
116	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	cis-1,3-Dichloropropene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
117	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Dibromochloromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
118	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Dichloromethane	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
119	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Ethylbenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
120	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	m,p-Xylene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
121	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Methyl tert-butyl ether (MTBE)	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
122	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	o-Xylene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
123	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Tetrachloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
124	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Toluene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
125	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Toluene-d8	103	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	74	127	0		1	0
126	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	trans-1,2-Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
127	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	trans-1,3-Dichloropropene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
128	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Trichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
129	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Trichlorofluoromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	n
130	Alpha	none	00030931-03A	(200003-365) MW-3	SAMP	EPA Method 624/SW8260B	Aqueous	Vinyl chloride	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	
131	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method SW8015	Aqueous	Nonane	91.2	0	0	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	100	40	153	0		0.3333333	
132	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method SW8015	Aqueous	TPH-E (Diesel)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	
133	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method SW8015	Aqueous	TPH-E (Gasoline)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
134	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method SW8015	Aqueous	TPH-E (Jet Fuel)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
135	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method SW8015	Aqueous	TPH-E (Oil)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
136	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,1-Trichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
137	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,2,2-Tetrachloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
138	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,2-Trichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
139	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	1,1-Dichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
140	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	1,1-Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
141	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
142	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
143	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichloroethane-d4	102	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	67	139	0		1	0
144	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	1,2-Dichloropropane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
145	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	1,3-Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
146	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	1,4-Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
147	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	2-Chloroethylvinylether	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
148	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	4-Bromofluorobenzene	98.3	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	72	128	0		1	0
149	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	Benzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
150	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	Bromodichloromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
151	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	Bromoform	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
152	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	Bromomethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
153	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	Carbon tetrachloride	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
154	Alpha	none	00030931-04A	(200003-366) GW-7	SAMP	EPA Method 624/SW8260B	Aqueous	Chlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
55	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Chloroethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
56	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Chloroform	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
57	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Chloromethane	0		2	2 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
58	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	cis 1,2 Dichloroethene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
59	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	cis 1,3 Dichloropropene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
60	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Dibromochloromethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
61	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Dichloromethane	0		2	2 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
62	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Ethylbenzene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
63	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	m,p Xylene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
64	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Methyl tert butyl ether (MTBE)	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
65	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	o-Xylene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
66	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Tetrachloroethene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
67	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Toluene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
68	Alpha	none	00030931-04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Toluene-d8	9.94		0	0 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	74	127	0			1 0
69	Alpha	none	00030931-04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	trans-1,2-Dichloroethene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
70	Alpha	none	00030931-04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	trans 1,3-Dichloropropene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
71	Alpha	none	00030931-04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Trichloroethene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
72	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Trichlorofluoromethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
73	Alpha	none	00030931 04A	(200003 366) GW 7	SAMP	EPA Method 624/SW8260B	Aqueous	Vinyl chloride	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
74	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,1 Trichloroethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
75	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,2,2 Tetrachloroethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
76	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	1,1,2 Trichloroethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
77	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	1,1 Dichloroethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1
78	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	1,1 Dichloroethene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1
79	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	1,2 Dichlorobenzene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1
80	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	1,2 Dichloroethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
81	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	1,2 Dichloroethane-d4	10.3		0	0 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	67	139	0			1 0
82	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	1,2 Dichloropropane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
83	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	1,3-Dichlorobenzene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
84	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	1,4-Dichlorobenzene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
85	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	2 Chloroethylvinylether	0		2	2 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
86	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	4 Bromofluorobenzene	9.67		0	0 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	72	128	0			1 0
87	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Benzene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
88	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Bromodichloromethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
89	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Bromoform	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
90	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Bromomethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
91	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Carbon tetrachloride	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
92	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Chlorobenzene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
93	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Chloroethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
94	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Chloroform	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
95	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Chloromethane	0		2	2 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
96	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	cis 1,2 Dichloroethene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
97	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	cis 1,3 Dichloropropene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
98	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Dibromochloromethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
99	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Dichloromethane	0		2	2 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
00	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Ethylbenzene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
01	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	m,p Xylene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
02	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Methyl tert butyl ether (MTBE)	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
03	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	o-Xylene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
04	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Tetrachloroethene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
05	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Toluene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
06	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Toluene-d8	10.1		0	0 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	74	127	0			1 0
07	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	trans-1,2-Dichloroethene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
08	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	trans-1,3 Dichloropropene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
09	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Trichloroethene	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1 0
10	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Trichlorofluoromethane	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1
11	Alpha	none	00030931 05A	(200003 371) Trip B	SAMP	EPA Method 624/SW8260B	Aqueous	Vinyl chloride	0		1	1 ug/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0			1
12	Alpha	none	00030931 01A	LABQC	DUP	EPA Method SW8015	Aqueous	Nonane	94.6		0	0 mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	100	40	153	0		0.3333333	2
13	Alpha	none	00030931-01A	LABQC	DUP	EPA Method SW8015	Aqueous	TPH-E (Diesel)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
14	Alpha	none	00030931-01A	LABQC	DUP	EPA Method SW8015	Aqueous	TPH-E (Gasoline)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
15	Alpha	none	00030931-01A	LABQC	DUP	EPA Method SW8015	Aqueous	TPH-E (Jet Fuel)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
16	Alpha	none	00030931-01A	LABQC	DUP	EPA Method SW8015	Aqueous	TPH-E (Oil)	0	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	2
17	Alpha	none	00030931-01A	LABQC	MS	EPA Method SW8015	Aqueous	Nonane	142		0	0 mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	100	40	153	0		0.3333333	0
18	Alpha	none	00030931-01A	LABQC	MS	EPA Method SW8015	Aqueous	TPH-E (Diesel)	8.8	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	100	62	144	0		0.3333333	0
19	Alpha	none	00030931-01A	LABQC	MSD	EPA Method SW8015	Aqueous	Nonane	141		0	0 mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	100	40	153	0		0.3333333	0
20	Alpha	none	00030931-01A	LABQC	MSD	EPA Method SW8015	Aqueous	TPH-E (Diesel)	8.95	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	100	62	144	0		0.3333333	2
21	Alpha	none	00030967-02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	1,1 Dichloroethene	38.2		5	5 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	60	145	0			1 0
22	Alpha	none	00030967 02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	1,2 Dichloroethane-d4	36.4		0	0 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	67	139	0			1 0
23	Alpha	none	00030967 02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	4 Bromofluorobenzene	47.8		0	0 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	72	128	0			1 0
24	Alpha	none	00030967 02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	Benzene	39.9		5	5 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	75	127	0			1 0
25	Alpha	none	00030967 02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	Chlorobenzene	56.2		5	5 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	74	130	0			1 0
26	Alpha	none	00030967 02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	Ethylbenzene	54.6		5	5 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	63	132	0			1 0
27	Alpha	none	00030967 02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	m,p Xylene	117		5	5 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	100	69	130	0			1 0
28	Alpha	none	00030967-02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	Methyl tert butyl ether (MTBE)	38.9		5	5 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	69	142	3.5			1 0
29	Alpha	none	00030967-02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	o-Xylene	58.2		5	5 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	69	130	0			1 0
30	Alpha	none	00030967 02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	Toluene	55.2		5	5 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	75	125	0			1 0
31	Alpha	none	00030967 02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	Toluene-d8	48.8		0	0 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	74	127	0			1 0
32	Alpha	none	00030967 02A	LABQC	MS	EPA Method 624/SW8260B	Aqueous	Trichloroethene	41.7		5	5 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	70	120	6.82			1 0
33	Alpha	none	00030967 02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	1,1 Dichloroethene	36.4		5	5 ug/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	60	145	0			1 5

$ms = \frac{8.81}{10} \cdot \frac{\text{result}}{\text{spiked}} = \frac{\text{expected}}{\text{actual}} = 882$

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
234	Alpha	none	00030967 02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	1,2 Dichloroethane-d4	34.8	0	0	µg/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	67	139	0		1	4
235	Alpha	none	00030967-02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	4 Bromofluorobenzene	50 4	0	0	µg/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	72	128	0		1	5
236	Alpha	none	00030967-02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	Benzene	39 8	5	5	µg/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	75	127	0		1	0
237	Alpha	none	00030967 02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	Chlorobenzene	56 6	5	5	µg/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	74	130	0		1	1
238	Alpha	none	00030967 02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	Ethylbenzene	56 8	5	5	µg/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	63	132	0		1	4
239	Alpha	none	00030967 02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	m,p-Xylene	118	5	5	µg/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	100	69	130	0		1	0
240	Alpha	none	00030967-02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	Methyl tert butyl ether (MTBE)	36.5	5	5	µg/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	69	142	(3.5)		1	7
241	Alpha	none	00030967 02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	o-Xylene	58 7	5	5	µg/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	69	130	0		1	1
242	Alpha	none	00030967-02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	Toluene	54.8	5	5	µg/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	75	125	0		1	1
243	Alpha	none	00030967-02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	Toluene dB	49 5	0	0	µg/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	74	127	0		1	1
244	Alpha	none	00030967-02A	LABQC	MSD	EPA Method 624/SW8260B	Aqueous	Trichloroethene	39.3	5	5	µg/L	3/14/2000	MS6W0313A	3/14/2000	SW5030	50	70	120	(6.8)		1	7
245	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	1,1-Dichloroethene	9 31	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	60	145	0		1	0
246	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	1,2-Dichloroethane-d4	9.77	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	67	139	0		1	0
247	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	4-Bromofluorobenzene	9.45	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	72	128	0		1	0
248	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	Benzene	10	0.5	0.5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	75	127	0		1	0
249	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	Chlorobenzene	10 8	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	74	130	0		1	0
250	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	Ethylbenzene	10.5	0.5	0.5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	63	132	0		1	0
251	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	m,p-Xylene	23.2	0.5	0.5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	20	69	130	0		1	0
252	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	Methyl tert-butyl ether (MTBE)	9.76	0.5	0.5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	69	142	0		1	0
253	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	o-Xylene	11.4	0.5	0.5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	69	130	0		1	0
254	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	Toluene	10.5	0.5	0.5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	75	125	0		1	0
255	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	Toluene-dB	10.1	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	74	127	0		1	0
256	Alpha	none	LCS MS6W031	LABQC	LCS	EPA Method 624/SW8260B	Aqueous	Trichloroethene	9 87	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	10	70	120	0		1	
257	Alpha	none	LCS-3426	LABQC	LCS	EPA Method SW8015	Aqueous	Nonane	89.6	0	0	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	100	40	153	0		0.3333333	
258	Alpha	none	LCS 3426	LABQC	LCS	EPA Method SW8015	Aqueous	TPH-E (Diesel)	3.26	0.5	1.5	mg/L	3/11/2000	3426	3/10/2000	TPH_W_P	(2.5)	62	144	0		0.3333333	
259	Alpha	none	MB-3426	LABQC	MBLK	EPA Method SW8015	Aqueous	Nonane	94.5	0	0	mg/L	3/13/2000	3426	3/10/2000	TPH_W_P	100	40	153	0		0.3333333	0
260	Alpha	none	MB 3426	LABQC	MBLK	EPA Method SW8015	Aqueous	TPH-E (Diesel)	0	0.05	0.15	mg/L	3/13/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
261	Alpha	none	MB 3426	LABQC	MBLK	EPA Method SW8015	Aqueous	TPH-E (Jet Fuel)	0	0.05	0.15	mg/L	3/13/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
262	Alpha	none	MB-3426	LABQC	MBLK	EPA Method SW8015	Aqueous	TPH-E (Oil)	0	0 5	1.5	mg/L	3/13/2000	3426	3/10/2000	TPH_W_P	0	0	0	0		0.3333333	0
263	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	1,1,1-Trichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
264	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	1,1,2,2-Tetrachloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
265	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	1,1,2-Trichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
266	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	1,1-Dichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
267	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	1,1-Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
268	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	1,2-Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
269	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	1,2-Dichloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
270	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	1,2-Dichloroethane-d4	10.4	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	(10)	67	139	0		1	0
271	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	1,2-Dichloropropane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
272	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	1,3-Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
273	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	1,4 Dichlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
274	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	2-Chloroethylvinylether	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
275	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	4-Bromofluorobenzene	9.48	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	(10)	72	128	0		1	0
276	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Benzene	0	0.5	0.5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
277	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Bromodichloromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
278	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Bromoform	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
279	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Bromomethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
280	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Carbon tetrachloride	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
281	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Chlorobenzene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
282	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Chloroethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
283	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Chloroform	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
284	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Chloromethane	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
285	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	cis 1,2-Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
286	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	cis-1,3-Dichloropropene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
287	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Dibromochloromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
288	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Dichloromethane	0	2	2	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	
289	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Ethylbenzene	0	0.5	0.5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	
290	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	m,p-Xylene	0	0.5	0.5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	
291	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Methyl tert butyl ether (MTBE)	0	0.5	0.5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
292	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	o-Xylene	0	0.5	0.5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
293	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Tetrachloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
294	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Toluene	0	0.5	0 5	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
295	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Toluene-dB	10.3	0	0	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	(10)	74	127	0		1	0
296	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	trans-1,2-Dichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
297	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	trans-1,3 Dichloropropene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
298	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Trichloroethene	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
299	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Trichlorofluoromethane	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0
300	Alpha	none	MBLK MS6W03	LABQC	MBLK	EPA Method 624/SW8260B	Aqueous	Vinyl chloride	0	1	1	µg/L	3/13/2000	MS6W0313A	3/13/2000	SW5030	0	0	0	0		1	0

All data + comments are approved for data base entry and have been reviewed in accordance w/ Section D1 and D3 of Tribal QAPP. B. L 12/21/00

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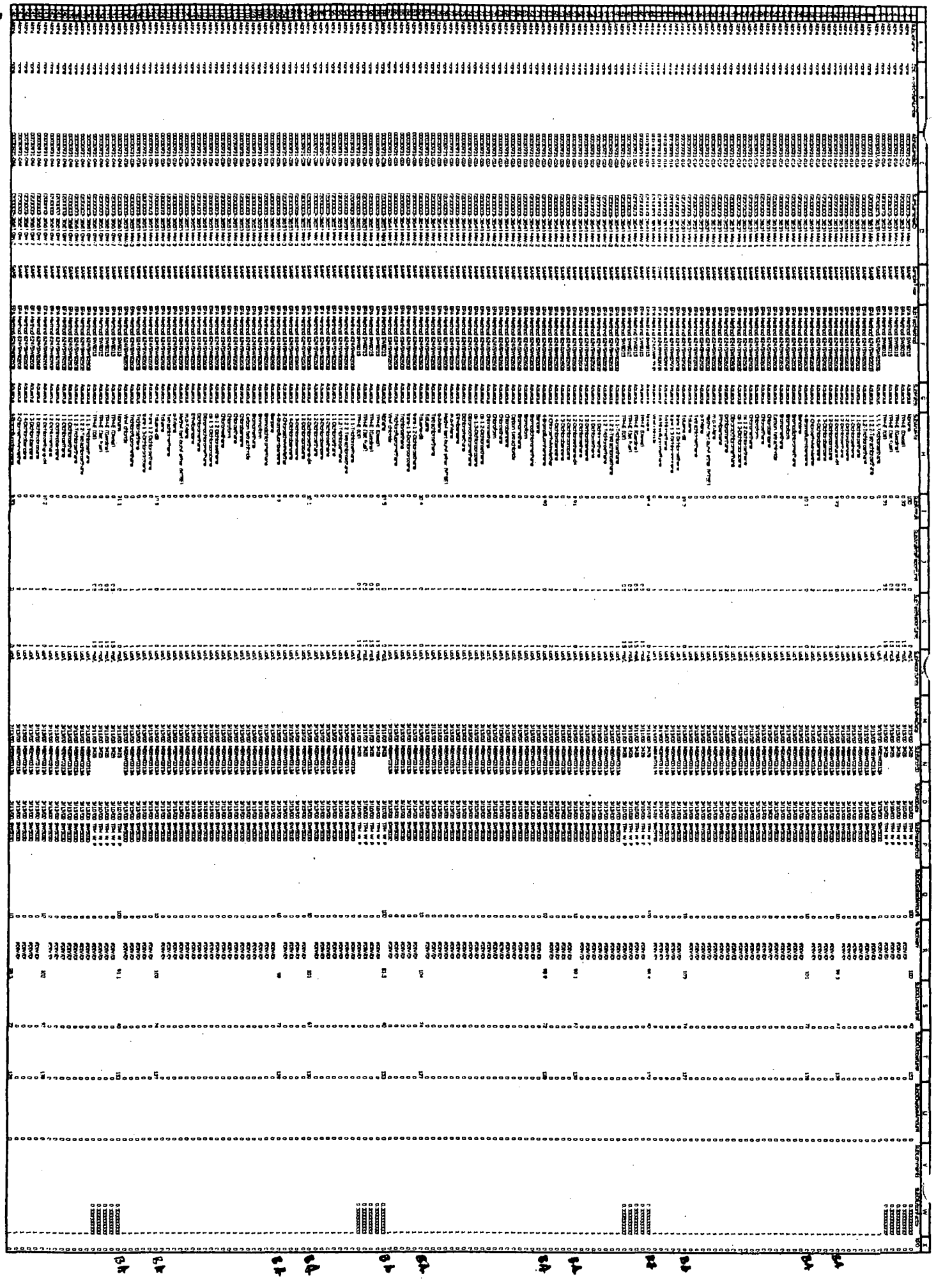

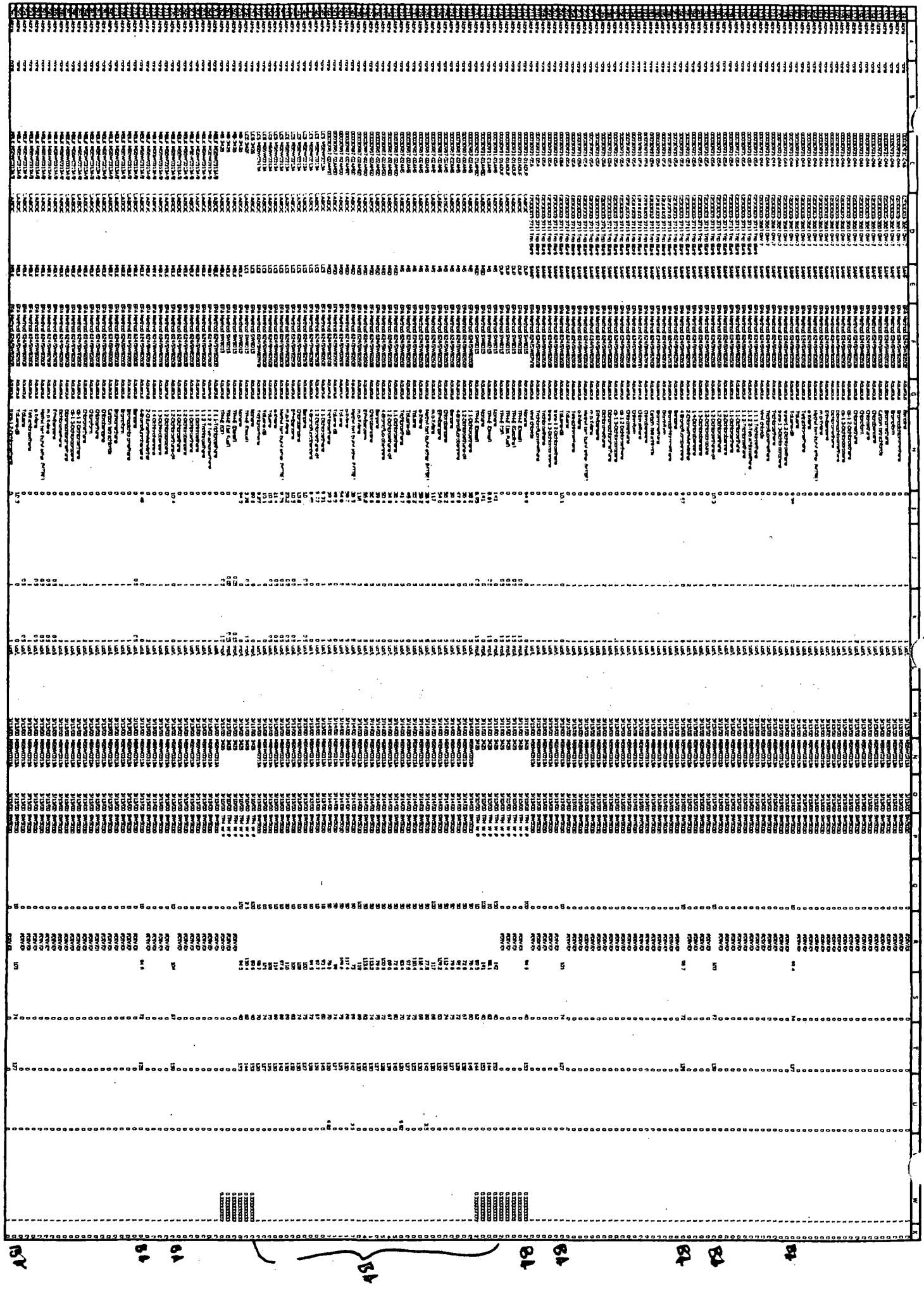

All data are approved for data base entry following QAPP Section D1 and D3 guidelines

B. [signature] 12/21/00

SL1

[illegible]	Water 001	3/8/00	Chemical	Lab	Montgomery Watson Report 63172[illegible]

MONTGOMERY WATSON LABORATORIES
a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Sierra Environmental Monitoring, Inc.
1135 Financial Blvb.

Reno , NV 89502

Attention: Mike Brisbin
Fax: (775) 857-2404

HDS Hillary Strayer

Report#: 63872
DRINKING

MONTGOMERY WATSON LABORATORIES
a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory Report #63872

Sierra Environmental Monitoring, Inc.
Mike Brisbin
1135 Financial Blvb.
Reno , NV 89502

Samples Received
13-mar-2000 10:00:00

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
(200003-363) MW-1 (2003140494) Sampled on 03/07/00								
				Gross Alpha and Beta Radiation				
	03/23/00	112822	(ML/EPA 900.0)	Alpha, Gross	<1.0	pCi/l	1.0	1
	03/23/00	112822	(ML/EPA 900.0)	Alpha, Two Sigma Error	NA	pCi/l	0.0000	1
	03/23/00	112822	(ML/EPA 900.0)	Alpha, Min Detectable Activity	1.0	pCi/l	1.0	1
	03/23/00	112822	(ML/EPA 900.0)	Beta, Gross	3.9	pCi/l	1.5	1
	03/23/00	112822	(ML/EPA 900.0)	Beta, Two Sigma Error	2.5	pCi/l	0.0000	1
	03/23/00	112822	(ML/EPA 900.0)	Beta, Min Detectable Activity	1.5	pCi/l	1.5	1
(200003-364) MW-2 (2003140495) Sampled on 03/08/00								
				Gross Alpha and Beta Radiation				
	03/23/00	112822	(ML/EPA 900.0)	Alpha, Gross	3.9	pCi/l	1.0	1
	03/23/00	112822	(ML/EPA 900.0)	Alpha, Two Sigma Error	1.9	pCi/l	0.0000	1
	03/23/00	112822	(ML/EPA 900.0)	Alpha, Min Detectable Activity	1.0	pCi/l	1.0	1
	03/23/00	112822	(ML/EPA 900.0)	Beta, Gross	4.0	pCi/l	0.90	1
	03/23/00	112822	(ML/EPA 900.0)	Beta, Two Sigma Error	1.8	pCi/l	0.0000	1
	03/23/00	112822	(ML/EPA 900.0)	Beta, Min Detectable Activity	0.9	pCi/l	0.90	1

Approved for Database entry
[signature] 11/28/00
Env. Specialist

Montgomery Watson Laboratories
555 E. Walnut St., Pasadena, CA 91101
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Sierra Environmental Monitoring, Inc.
1135 Financial Blvb.
Reno, NV 89502
Attn: Mike Brisbin

Customer Code: SIERRAENV
PO#: 00-113
Group#: 63872
Project#: DRINKING
Proj Mgr: Hillary Strayer

The following samples were received from you on 03/13/00. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2003140494	(200003-363)	MW-1 @RAD	Water	03/07/00
2003140495	(200003-364)	MW-2 @RAD	Water	03/08/00

Test Acronym Description

Test Acronym	Description
@RAD	Gross Alpha and Beta Radiation

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MONTGOMERY WATSON LABORATORIES
a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#63872

Sierra Environmental Monitoring, Inc.

QC Batch #112822 Gross Alpha and Beta Radiation

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alpha, Gross	38.9	40.4	103.9	(80.00 - 120.00)	
LCS2	Alpha, Gross	38.9	38.6	99.2	(80.00 - 120.00)	4.6
MS	Alpha, Gross	77.8	77.8	100.0	(80.00 - 120.00)	
LCS1	Beta, Gross	31.9	33.0	103.4	(80.00 - 120.00)	
LCS2	Beta, Gross	31.9	29.5	92.5	(80.00 - 120.00)	11
MS	Beta, Gross	63.5	57.5	90.6	(80.00 - 120.00)	

Approved for Database entry
[signature] 11/28/00
Env. Specialist

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

Mont Watson

SIERRA ENVIRONMENTAL MONITORING, INC.
1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502
TELEPHONE: (775) 857-2400 TELEFAX: (775) 857-2404

TEMP: 12°C **CHAIN OF CUSTODY RECORD**
ICE: NONE

Client Name: Sierra Environ. Mon.	Purchase Order: 00-113	Analyses Requested: Gross Alpha/Beta	Turnaround Time: Standard: ___ Other: ___ Rush: 24 Hr ___ 48 Hr ___	Compliance Monitoring: Yes: ___ No: ___
Address	Phone/Fax #			
City / State / Zip	Report Attention:			
Sampled by: Client	Signature:			Lab Use Only

Date Sampled	Time Sampled	Sample Type *	Sample Identification	Preservative*	Gross Alpha/Beta							Remarks	Pres. Verified
3-7-00	1438	3	(200003-363) MW-1		✓								
3-8-00	1300	3	(200003-364) MW-2		✓								

B3878

	Signature	Print Name	Company	Date	Time
Relinquished By:	[signature]	Ro Lee	S.E.M.	3-9-00	1500
Received By:	[signature]	Andre Chimney	MWL	3/13/00	10:00
Relinquished By:					
Received By:					
Relinquished By:					
Received By Laboratory:					

Custody Seal Intact
Yes ___ No ___ None ___

Sample Temperature
Chilled ___ Ambient ___

Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

***KEY:** Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other
Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

SEM COC Form Revised 5/98

Add RPD(%)

Lab Name (MWL) Project Code	PO Number	Date Received (MM/DD/YY)	Client Sample ID	Date sampled (MM/DD/YY 00:00)	Lab Sample Number	Matrix	Test Code	Parameter Code	Parameter Name	Result Rounded	Units Name	Limit (DL)	QC Batch #	QC Type	QC Spike (Actual)	Lower Limit	Upper Limit	QC Yield (%Recovery)	Analyst	Date Analyzed (MM/DD/YY 00:00)	Reference Method	Prepared Date (MM/DD/YY)		
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	ALPHASUM	Alpha+Error	<1.0	pCi/l	0	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	ALPHA	Alpha, Gross	<1.0	pCi/l	1	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	AZMDA	Alpha, Min Detectable Activity	1	pCi/l	1	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	ASIGMA	Alpha, Two Sigma Error	NA	pCi/l	0	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	BETA	Beta, Gross	3.9	pCi/l	1.5	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	BZMDA	Beta, Min Detectable Activity	1.5	pCi/l	1.5	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	BSIGMA	Beta, Two Sigma Error	2.5	pCi/l	0	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	ALPHA	Alpha, Gross	40.4	pCi/l	1	112822	LCS1	38.9	80	120	104	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	ALPHA	Alpha, Gross	38.6	pCi/l	1	112822	LCS2	38.9	80	120	99	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	ALPHA	Alpha, Gross	77.8	pCi/l	1	112822	MS	77.8	80	120	100	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	ALPHA	Alpha, Gross	NA	pCi/l	1	112822	MSD	34.2	80	120	0	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	BETA	Beta, Gross	33	pCi/l	-5	112822	LCS1	31.9	80	120	103	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	BETA	Beta, Gross	29.5	pCi/l	-5	112822	LCS2	31.9	80	120	92	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	BETA	Beta, Gross	57.5	pCi/l	-5	112822	MS	63.5	80	120	91	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-363) MW-1	3/7/2000 14:38	2003140494	WATER	@RAD	BETA	Beta, Gross	NA	pCi/l	-5	112822	MSD	29	80	120	0	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	ALPHASUM	Alpha+Error	7.04	pCi/l	0	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	ALPHA	Alpha, Gross	3.9	pCi/l	1	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	AZMDA	Alpha, Min Detectable Activity	1	pCi/l	1	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	ASIGMA	Alpha, Two Sigma Error	1.9	pCi/l	0	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	BETA	Beta, Gross	4	pCi/l	0.9	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	BZMDA	Beta, Min Detectable Activity	0.9	pCi/l	0.9	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	BSIGMA	Beta, Two Sigma Error	1.8	pCi/l	0	112822						gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	ALPHA	Alpha, Gross	40.4	pCi/l	1	112822	LCS1	38.9	80	120	104	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	ALPHA	Alpha, Gross	38.6	pCi/l	1	112822	LCS2	38.9	80	120	99	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	ALPHA	Alpha, Gross	77.8	pCi/l	1	112822	MS	77.8	80	120	100	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	ALPHA	Alpha, Gross	NA	pCi/l	1	112822	MSD	34.2	80	120	0	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	BETA	Beta, Gross	33	pCi/l	-5	112822	LCS1	31.9	80	120	103	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	BETA	Beta, Gross	29.5	pCi/l	-5	112822	LCS2	31.9	80	120	92	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	BETA	Beta, Gross	57.5	pCi/l	-5	112822	MS	63.5	80	120	91	gne	3/23/2000 19:10	ML/EPA 900.0		1	#
JMM DRINKING	00-113	3/13/2000	(200003-364) MW-2	3/8/2000 13:00	2003140495	WATER	@RAD	BETA	Beta, Gross	NA	pCi/l	-5	112822	MSD	29	80	120	0	gne	3/23/2000 19:10	ML/EPA 900.0		1	#

Approved for Data base Entry. Data have been reviewed per Sections D1 and D3 of QAPP.
[signature] 11/20/00
Env. Specialist

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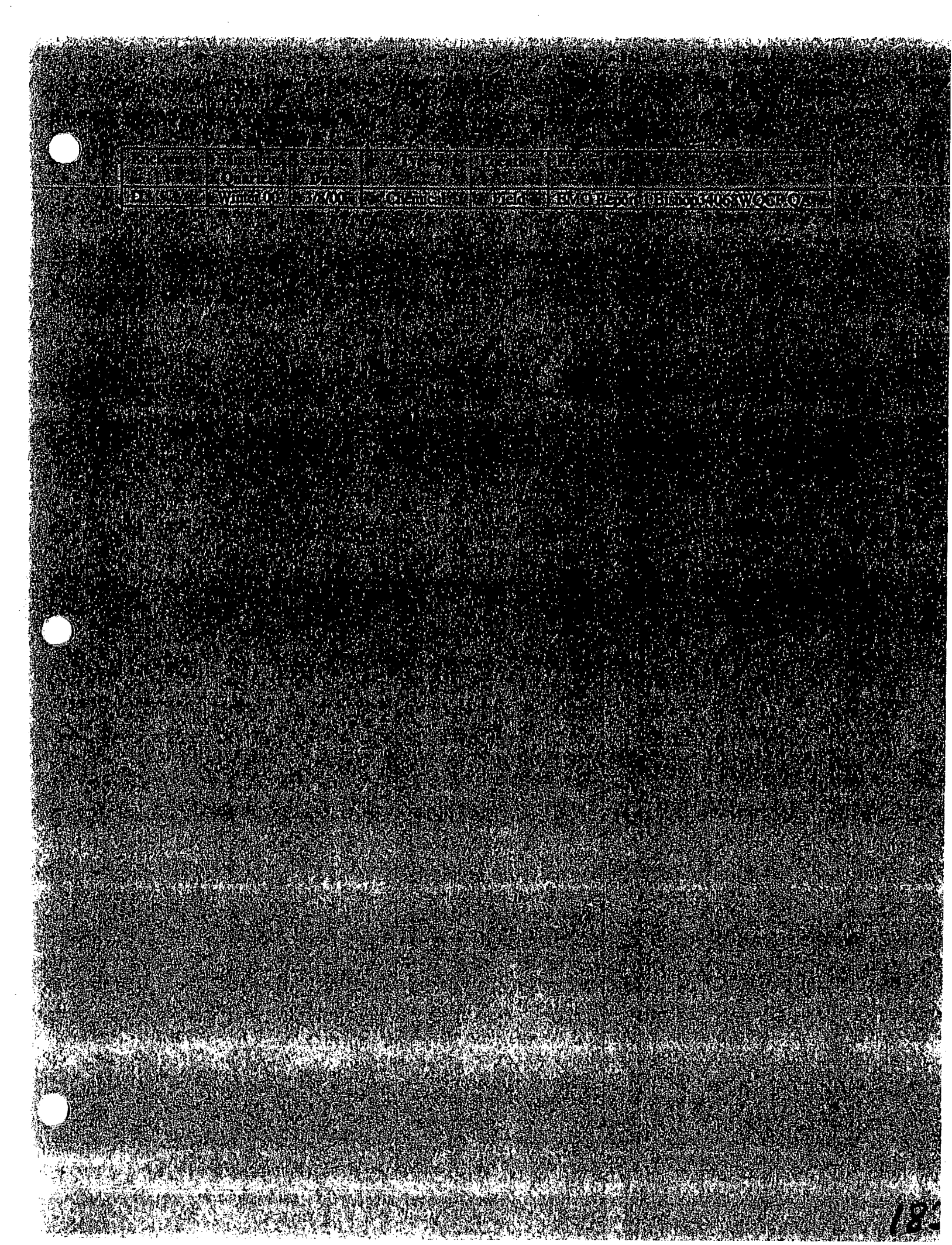

Bishop Paiute Tribe
WQCP-Chemical-Field Quality Control Report
Winter Quarter 2000 - 3/8/00

Sample	Collector	CollectDate	Param	DetectionLimit	RDL	Reported Result	NumericResult	Analysis Date	RPD	UCL	LCL	Proj. Mang	QA/QC Off.
MW-2	B. Adkins	3/8/00	Ammonia-N	0.1	0.1	<0.1	0.05	23-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Ammonia-N	0.1	0.1	<0.1	0.05	23-Mar-00	0	20	0		
MW-2	B. Adkins	3/8/00	Arsenic - ICP-MS	0.001	0.001	0.004	0.004	20-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Arsenic - ICP-MS	0.001	0.001	0.004	0.004	20-Mar-00	0	20	0		
MW-2	B. Adkins	3/8/00	Barium - ICP-MS	0.001	0.001	0.007	0.007	20-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Barium - ICP-MS	0.001	0.001	0.007	0.007	20-Mar-00	0	20	0		
MW-2	B. Adkins	3/8/00	Boron - ICP-OES	0.05	0.05	<0.05	0.025	15-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Boron - ICP-OES	0.05	0.05	<0.05	0.025	15-Mar-00	0	20	0		
MW-2	B. Adkins	3/8/00	Chromium - ICP-MS	0.001	0.002	< 0.002	0.001	20-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Chromium - ICP-MS	0.001	0.002	< 0.002	0.001	20-Mar-00	0	20	0		
MW-2	B. Adkins	3/8/00	Copper - ICP-MS	0.001	0.002	< 0.002	0.001	20-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Copper - ICP-MS	0.001	0.002	< 0.002	0.001	20-Mar-00	0	20	0		
MW-2	B. Adkins	3/8/00	Hardness, as CACO3	0.1	0.1	34	34	13-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Hardness, as CACO3	0.1	0.1	38	38	14-Mar-00	-11.1	20	0		
MW-2	B. Adkins	3/8/00	Manganese - ICP-MS	0.001	0.002	< 0.002	0.001	20-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Manganese - ICP-MS	0.001	0.002	< 0.002	0.001	20-Mar-00	0	20	0		
MW-2	B. Adkins	3/8/00	Mercury - AA Cold Vapor	0.0005	0.0005	<0.0005	0.00025	15-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Mercury - AA Cold Vapor	0.0005	0.0005	<0.0005	0.00025	15-Mar-00	0	20	0		
MW-2	B. Adkins	3/8/00	Nitrate-N - Ion Chromatography	0.1	0.1	0.3N	0.3	09-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Nitrate-N - Ion Chromatography	0.1	0.1	0.4N	0.4	09-Mar-00	-28.6	20	0		
MW-2	B. Adkins	3/8/00	Silver - ICP-MS	0.001	0.002	< 0.002	0.001	20-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Silver - ICP-MS	0.001	0.002	< 0.002	0.001	20-Mar-00	0	20	0		
SW-2	B. Adkins	3/8/00	Zinc - ICP-MS	0.01	0.02	< 0.02	0.01	20-Mar-00					
MW-2.dup	B. Adkins	3/8/00	Zinc - ICP-MS	0.01	0.02	< 0.02	0.01	20-Mar-00	0	20	0		

All data have been reviewed in accordance w/ Section D3 of QAPP + approved for data entry.
B. [signature] 12/21/00

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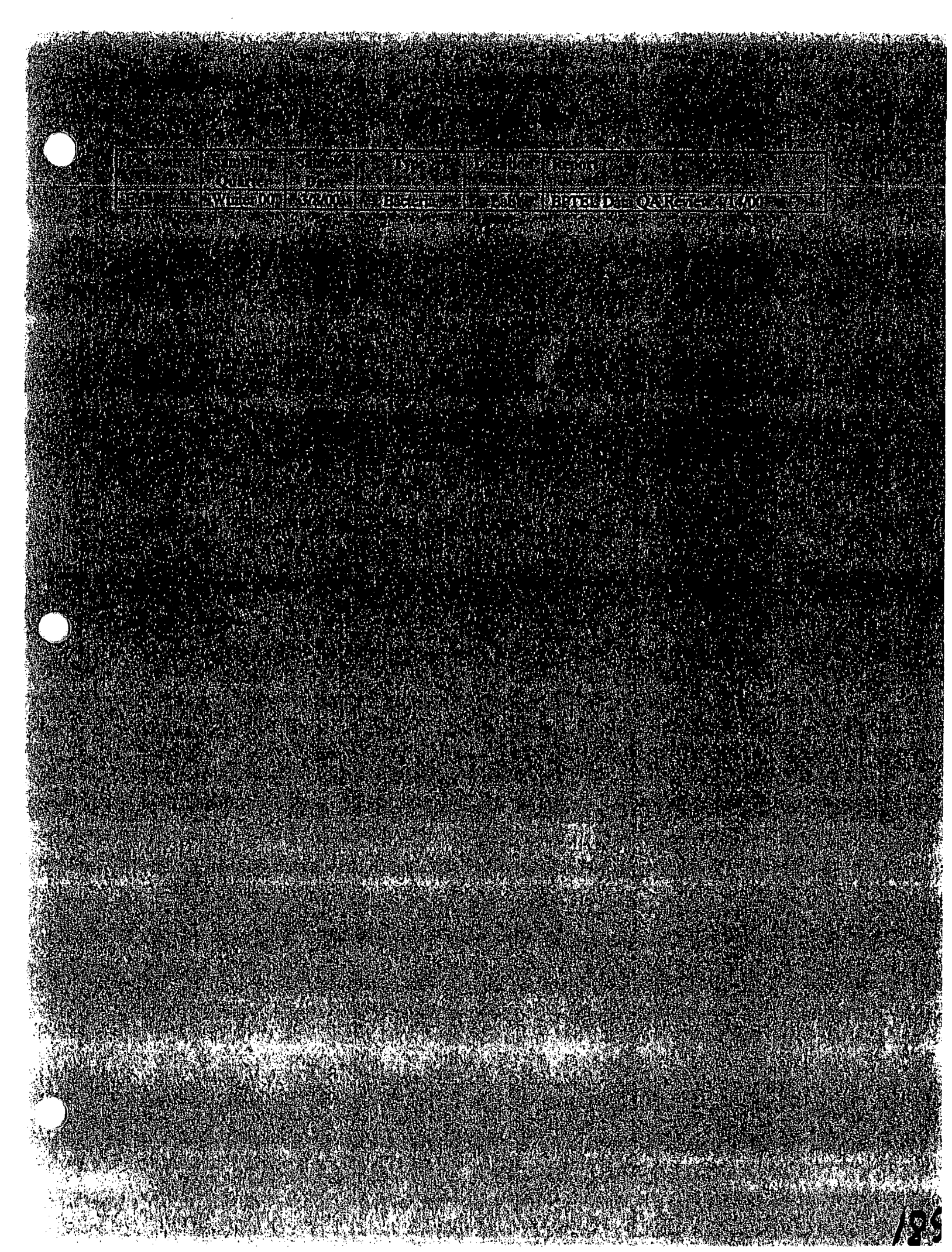

MEMO

April 14, 2000

TO: Brian Adkins, Alan Spoonhunters

FR: Marvin Moskowitz, Laboratory Director/Quality Assurance Officer

RE: Review of Bishop Paiute Tribe Environmental Laboratory Data From 10/19/99-3/27/00

I have reviewed the bacteriological monitoring data presented on the *"Drinking Water Sampling And Analysis Report"* and the *"Colilert Data Sheet"* forms from the period of October 19, 1999 through March 27, 2000. All MPN results were accurately transcribed from the MPN Table, and accurately recorded on the data sheets. My opinions and recommendations regarding the data keeping are as follows:

1. The *Drinking Water Sampling and Analysis Report* form being utilized by the samplers and analyzers is designed for drinking water analyses, vs. the surface water monitoring which is being conducted in this program. Since this form is being used, I feel all efforts should be made to enter data as directed on the form. This will provide a clearer picture of the results to whomever may review this data in the future. Sample time (all times, actually) should be in the 24 hour clock format. For instance, in the first block "Sample Time/Date" I would recommend using the format: 1915/022800 for a sample collected at 7:15 pm on February 28, 2000. Under "Sample ID" I would recommend the format: 000228-001, as prompted on the form. Under the middle section, I would recommend filling in the number of Total Coliforms (Pos/Neg) and E. Coli (Pos/Neg) boxes, as directed.
2. When dilutions were utilized, the proper result (diluted or original) was selected for reporting purposes in all cases. Switching to the Quanti-tray 2000 should eliminate or greatly reduce the number of dilutions needed, and will result in greater accuracy.
3. When recording the MPN result, I recommend using the exact MPN number on the table. If you are going to round off numbers to the nearest whole number, this should be done on all analyses however, I would record the MPN to the tenth, as shown on the chart. Also, it is not necessary to record the upper and lower confidence limits.
4. When an error is made, something is crossed out, results are incomplete or obviously in error, it is recommended the sheet be rewritten without any corrections, if possible, or that the results for that particular analysis be discarded.
5. The *Autoclave Sterilization Record*, the *Incubator Temperature Record* and the *Refrigerator Temperature Record* forms were all reviewed. All data was collected at the required frequencies. Once again, it is recommended that 24 hour clock time be used. One comment on the refrigerator temperatures is that when a

temperature above 5° C is encountered, a new line on the chart should be used to indicate when a subsequent temperature check shows 5° C or below.

6. One peculiar item I noted was the Inyo County Health Dept. analysis #002-240 showed more fecal than total coliform (11 vs. 13)!

My comments above are directed towards providing a more standardized format, and providing clear results to the persons reviewing this data. I could develop a new form, similar to the drinking water form, but specific to the surface water sampling being conducted now, if you so desire. It would not take more than an hour to do this.

INVOICE:

Hours Charged: 3 @ $45.00 per hour = $135.00

Please Submit Payment To: Marvin Moskowitz
301 Shepard Lane
Bishop, CA 93514

[illegible]	Sampling Quarter	Sample Date	[illegible]	[illegible]	[illegible]
[illegible]	Winter 00	[illegible]/00	[illegible] Bacteria [illegible]	[illegible]	WQ CP BASE QAReport [illegible]

Biahop Paiute Tribe

WQCP-Bacteria-Field Analytical and Quality Control Report

Winter Quarter 2000 (2/28/00 to 3/27/00)

Event	Sample Date	Order	Sample Site	Sample #	MPN Total Coliform	MPN E.coli	RPD(TC)	RPD(EC)	UCL	LCL	Rpt Manag	QA/QC Flag	Comment
Winter 00	2/28/00	1	SW-4	000228-1	101	6			67.7	0	BA		
Winter 00	2/28/00	1	SW-3	000228-2	95	11			67.7	0	BA		
Winter 00	2/28/00	1	SW-2	000228-3	95	14			67.7	0	BA		
Winter 00	2/28/00	1	SW-1	000228-4	83	4			67.7	0	BA		
Winter 00	2/28/00	1	SW-1.dup	000228-5	96	6	-13.48	-40.00	67.7	0	BA		
Winter 00	3/6/00	2	SW-4	000306-1	89	24			67.7	0	BA		
Winter 00	3/6/00	2	SW-3	000306-2	66	3			67.7	0	BA		
Winter 00	3/6/00	2	SW-3.dup	000306-3	74	0	-11.43	200.00	67.7	0	BA		RPD Exceeds
Winter 00	3/6/00	2	SW-2	000306-4	62	3			67.7	0	BA		
Winter 00	3/6/00	2	SW-1	000306-5	95	8			67.7	0	BA		
Winter 00	3/13/00	3	SW-4	000313-1	166	27			67.7	0	BA		
Winter 00	3/13/00	3	SW-4.dup	000313-2	146	26	12.90	7.69	67.7	0	BA		
Winter 00	3/13/00	3	SW-3	000313-3	145	4			67.7	0	BA		
Winter 00	3/13/00	3	SW-2	000313-4	145	1			67.7	0	BA		
Winter 00	3/13/00	3	SW-1	000313-5	101	19			67.7	0	BA		
Winter 00	3/13/00	4	SW-4	000320-4	200.5	45.5			67.7	0	BA		
Winter 00	3/13/00	4	SW-4.dup	000320-5	200.5	36.4	0.00	22.22	67.7	0	BA		
Winter 00	3/13/00	4	SW-3	000320-6	129.8	2			67.7	0	BA		
Winter 00	3/13/00	4	SW-2	000320-7	129.8	2			67.7	0	BA		
Winter 00	3/13/00	4	SW-1	000320-8	200.5	34.4			67.7	0	BA		
Winter 00	3/27/00	5	SW-4	000327-1	200	100			67.7	0	BA		
Winter 00	3/27/00	5	SW-3	000327-2	200.5	8.7			67.7	0	BA		
Winter 00	3/27/00	5	SW-2	000327-3	200.5	16.4			67.7	0	BA		
Winter 00	3/27/00	5	SW-1	000327-4	>200.5	109.1			67.7	0	BA		
Winter 00	3/27/00	5	SW-1.dup	000327-5	>200	88.5	#VALUE!	20.85	67.7	0	BA		

I have reviewed all data in accordance with Section D3 of QA PP and approve the entry of all data + comments into database

12/21/00

Enclosure	Sampling Quarter	Sample Date	Type	Location	[illegible]
G	Winter 00	3/8/00	Physical – Insitu	Field	WOOB Physical Insitu QAirport I

Bishop Paiute Tribe

WQCP-Physical/In-Situ Analytical and Quality Control Report

Winter Quarter 2000 (1/6/99 - 3/8/00)

Site	Date	Type	pH	Cond	Turb	DO	Temp	Stage	Flow	RPD pH	RPD Cond	RPD Turb	RPD DO	RPD Temp	RPD Stage	RPD Flow	RPD UL	RPD LL	Sampler	Project Ma	QA/QC Off
SW-1	06-Jan-99	Physical/In-Situ	6.8	0.06	1	13	4.6										20.0	0.0	BA	BA	
SW-2	06-Jan-99	Physical/In-Situ	6.43	0.06	2	14	4.5										20.0	0.0	BA	BA	
SW-3	06-Jan-99	Physical/In-Situ	6.83	0.05	36	14	4.5										20.0	0.0	BA	BA	
SW-4	06-Jan-99	Physical/In-Situ	6.7	0.06	3	14	4.5										20.0	0.0	BA	BA	
SW-1	20-Jan-99	Physical/In-Situ	6.93	0.063	0	13	5.3										20.0	0.0	BA	BA	
SW-3	20-Jan-99	Physical/In-Situ	6.86	0.06	1	13	4.8										20.0	0.0	BA	BA	
SW-4	20-Jan-99	Physical/In-Situ	6.36	0.061	49	13	5										20.0	0.0	BA	BA	
SW-1	17-Feb-99	Physical/In-Situ	7.04	0.063	1		7.7										20.0	0.0	BA	BA	
SW-2	17-Feb-99	Physical/In-Situ	6.63	0.063	1		7.9										20.0	0.0	BA	BA	
SW-3	17-Feb-99	Physical/In-Situ	7.06	0.06	0	0	7.3										20.0	0.0	BA	BA	
SW-4	17-Feb-99	Physical/In-Situ	6.45	0.06	160		7.8										20.0	0.0	BA	BA	
SW-1	17-Mar-99	Physical/In-Situ	6.77	0.064	0	11	10.4										20.0	0.0	BA	BA	
SW-2	17-Mar-99	Physical/In-Situ	6.53	0.065	4	10	10.7										20.0	0.0	BA	BA	
SW-3	17-Mar-99	Physical/In-Situ	7.34	0.062	1	12	8.9										20.0	0.0	BA	BA	
SW-4	17-Mar-99	Physical/In-Situ	6.79	0.062	0	12	8.5										20.0	0.0	BA	BA	
SW-1	16-Apr-99	Physical/In-Situ	6.88	0.069	6	13	7.5										20.0	0.0	BA	BA	
SW-2	16-Apr-99	Physical/In-Situ	6.64	0.07	0	12	8.5										20.0	0.0	BA	BA	
SW-3	16-Apr-99	Physical/In-Situ	7.81	0.064	3	12	8.8										20.0	0.0	BA	BA	
SW-4	16-Apr-99	Physical/In-Situ	7.26	0.064	4	12	8.5										20.0	0.0	BA	BA	
SW-1	01-Jun-99	Physical/In-Situ	6.27	0.036	6	11	10.2										20.0	0.0	BA	BA	
SW-2	01-Jun-99	Physical/In-Situ	6.18	0.038	5	11	10.2										20.0	0.0	BA	BA	
SW-3	01-Jun-99	Physical/In-Situ	7.2	0.035	4	11	9.9										20.0	0.0	BA	BA	
SW-4	01-Jun-99	Physical/In-Situ	7.13	0.035	3	10	10										20.0	0.0	BA	BA	
SW-1	30-Jun-99	Physical/In-Situ	7.01	0.036	5	9.4	14.2										20.0	0.0	BA	BA	
SW-2	30-Jun-99	Physical/In-Situ	6.97	0.034	2	9.6	13.9										20.0	0.0	BA	BA	
SW-3	30-Jun-99	Physical/In-Situ	7.79	0.031	3	10	13.7										20.0	0.0	BA	BA	
SW-4	30-Jun-99	Physical/In-Situ	7.26	0.033	4	9.7	14.2										20.0	0.0	BA	BA	
SW-3	02-Jul-99	Physical/In-Situ						1.48									20.0	0.0	BA	BA	
SW-4	02-Jul-99	Physical/In-Situ						0.84									20.0	0.0	BA	BA	
SW-1	29-Jul-99	Physical/In-Situ	7.39	0.043	2	9.3	15.4	1.15									20.0	0.0	BA	BA	
SW-2	29-Jul-99	Physical/In-Situ	7.39	0.042	1	9.4	15.2	1.66									20.0	0.0	BA	BA	
SW-3	29-Jul-99	Physical/In-Situ	7.37	0.038	1	9.6	15	0.95									20.0	0.0	BA	BA	
SW-4	29-Jul-99	Physical/In-Situ	7.56	0.039	2	9.7	15.3	0.61									20.0	0.0	BA	BA	
SW-1	01-Sep-99	Physical/In-Situ	8.98	0.043	2	10	12	1.04	12.35								20.0	0.0	BA	BA	
SW-2	01-Sep-99	Physical/In-Situ	8.58	0.047	1	9.8	13.8	1.45	18.51								20.0	0.0	BA	BA	
SW-3	01-Sep-99	Physical/In-Situ	8.9	0.04	2	10	12.6	0.8	17.95								20.0	0.0	BA	BA	
SW-4	01-Sep-99	Physical/In-Situ	8.55	0.041	2	10	11.3	0.56	19.08								20.0	0.0	BA	BA	
SW-1	04-Oct-99	Physical/In-Situ	8.98	0.044	5	10	11.3	1.12	17.95								20.0	0.0	BA	BA	
SW-2	04-Oct-99	Physical/In-Situ	8.65	0.049	0	9.7	13.1	1.48	17.74								20.0	0.0	BA	BA	
SW-3	04-Oct-99	Physical/In-Situ	8.5	0.043	2	10	12	0.82	15.89								20.0	0.0	BA	BA	

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Bishop Paiute Tribe

WQCP-Physical/In-Situ Analytical and Quality Control Report

Winter Quarter 2000 (1/6/99 - 3/8/00)

SW-4	04-Oct-99	Physical/In-Situ	7.54	0.042	2	10	10.5	0.56	19.08								20.0	0.0	BA	BA
SW-1	02-Nov-99	Physical/In-Situ	8.01	0.056	11	11	8.8	1.1	14.22								20.0	0.0	BA	BA
SW-2	02-Nov-99	Physical/In-Situ	7.91	0.07	5	9.1	10.6	1.2	7.95								20.0	0.0	BA	BA
SW-3	02-Nov-99	Physical/In-Situ	8.09	0.057	11	10	8.7	0.5	5.12								20.0	0.0	BA	BA
SW-4	02-Nov-99	Physical/In-Situ	7.9	0.054	12	11	7.4	0.5	15.57								20.0	0.0	BA	BA
SW-1	03-Nov-99	Physical/In-Situ	7.8	0.045	24	11	8.6	1.25									20.0	0.0	BA	BA
SW-2	03-Nov-99	Physical/In-Situ	7.39	0.051	27	10	9.1	1.69									20.0	0.0	BA	BA
SW-3	**03-Nov-99**	Physical/In-Situ	**7.5**	**0.04**	**38**	**11**	**8.4**	**1.1**		**-1.8**	**-3.4**	**-1.3**	**0.2**	**0.0**	**0.0**	**###**	**20.0**	**0.0**	**BA**	BA
SW-3	**03-Nov-99**	Physical/In-Situ	**8**	**0.05**	**40**	**11**	**8.4**	**1.1**									**20.0**	**0.0**	**BA**	BA
SW-4	03-Nov-99	Physical/In-Situ	7.85	0.047	33	11	8										20.0	0.0	BA	BA
SW-4	10-Dec-99	Physical/In-Situ	7.26	0.061	3	9.6	1.3	0.61									20.0	0.0	BA	BA
SW-1	**13-Dec-99**	Physical/In-Situ	**7.3**	**0.07**	**3**	**9**	**4.4**	**1.23**	**###**						**0.2**	**-1.5**	**20.0**	**0.0**	**BA**	BA
SW-1	**13-Dec-99**	Physical/In-Situ						**1.22**	**###**								**20.0**	**0.0**	**BA**	BA
SW-2	13-Dec-99	Physical/In-Situ	7.3	0.065	3	9.1	4	1.75	37.62								20.0	0.0	BA	BA
SW-3	13-Dec-99	Physical/In-Situ	7.39	0.063	3	9.5	3.4	1.14	37.06								20.0	0.0	BA	BA
SW-4	13-Dec-99	Physical/In-Situ	7.16	0.063	6	9.4	9.41	0.61	20.98								20.0	0.0	BA	BA
SW-1	03-Jan-00	Physical/In-Situ	7.42	0.077	3	12	2	1.04	13.14								20.0	0.0	BA	BA
SW-2	03-Jan-00	Physical/In-Situ	7.28	0.077	3	11	2.5	1.44	18.79								20.0	0.0	BA	BA
SW-3	03-Jan-00	Physical/In-Situ	7.6	0.074	3	12	1.5	0.84	18.54								20.0	0.0	BA	BA
SW-4	**03-Jan-00**	Physical/In-Situ	**7.2**	**0.07**	**2**	**11**	**0.9**	**0.51**	**###**						**0.5**	**3.8**	**20.0**	**0.0**	**BA**	BA
SW-4	**03-Jan-00**	Physical/In-Situ						**0.5**	**###**								**20.0**	**0.0**	**AS**	BA
SW-1	**01-Feb-00**	Physical/In-Situ	**7.3**	**0.08**	**2**	**10**	**3.9**	**1.06**		**0.0**	**0.0**	**##**	**0.0**	**0.0**	**0.0**	**###**	**20.0**	**0.0**	**BA**	BA
SW-1	**01-Feb-00**	Physical/In-Situ	**7.3**	**0.08**	**3**	**10**	**3.9**	**1.06**									**20.0**	**0.0**	**BA**	BA
SW-2	01-Feb-00	Physical/In-Situ	7.07	0.078	2	9.7	4.4	1.4									20.0	0.0	BA	BA
SW-3	01-Feb-00	Physical/In-Situ	7.17	0.075	2	11	3.2	0.79									20.0	0.0		BA
SW-4	01-Feb-00	Physical/In-Situ	6.89	0.076	3	11	2.9	0.5									20.0	0.0		BA
SW-1	08-Mar-00	Physical/In-Situ	7.48	0.061	3	10	3.9	1.21									20.0	0.0	AS	BA
SW-2	08-Mar-00	Physical/In-Situ	7.27	0.061	3	11	3.5	1.72									20.0	0.0	AS	BA
SW-3	08-Mar-00	Physical/In-Situ	7.48	0.06	2	11	3	1.12									20.0	0.0	AS	BA
SW-4	08-Mar-00	Physical/In-Situ	7.38	0.06	4	11	2.9	0.61									20.0	0.0	AS	BA

I have reviewed all data in accordance with Section D3 of QAPP and approve the entry of all data and comments into data base

12/21/00

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H	Spring 00	6/6/00	Chemical	L36	SEM Report #85300

Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 06/22/2000
Client: BIS-002
Taken by: B. Adkins
Report: 35300
PO #: 2909

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200006-0226	SW-1	06/06/2000	2:30 PM	06/07/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	17	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Bicarbonate	EPA 310.1	17	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Tretten	06/07/2000
Total Dissolved Solids	EPA 160.1	23	mg/L	7	Rivera	06/12/2000
Suspended Solids	EPA 160.2	<1	mg/L	1	Rivera	06/12/2000
monia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	06/22/2000
Nitrate-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	06/07/2000
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	06/07/2000
Kjeldahl Nitrogen - Digestion An	EPA 351.4	0.14	mg/L	0.1	Hellmann	06/19/2000
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Jones	06/09/2000
Calcium - ICP-OES	EPA 200.7	5.1	mg/L	0.1	Faulstich	06/08/2000
Magnesium - ICP-OES	EPA 200.7	0.45	mg/L	0.1	Faulstich	06/08/2000
Potassium - ICP-OES	EPA 200.7	0.52	mg/L	0.2	Faulstich	06/08/2000
Sodium - ICP-OES	EPA 200.7	1.6	mg/L	0.1	Faulstich	06/08/2000
Chloride - Ion Chromatography	EPA 300.0	0.4	mg/L	0.1	Lowe	06/07/2000
Cyanide,Total	EPA 335.2	< 0.005	mg/L	0.005	Kobza	06/13/2000
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	06/07/2000
Hardness, as CACO3	EPA 130.2	15	mg/L	0.1	Seher	06/20/2000
Sulfate - Ion Chromatography	EPA 300.0	2.9	mg/L	0.1	Lowe	06/07/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	06/12/2000
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Barium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Jones	06/12/2000
Chromium - ICP-MS	EPA 200.8	0.006	mg/L	0.001	Lambert	06/19/2000
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Manganese - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Jones	06/15/2000
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	06/19/2000

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William F. Pillsbury
President

John Kobza, Ph.D.
John C. Seher

Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 06/22/2000
Client: BIS-002
Taken by: B. Adkins
Report: 35300
PO #: 2909

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200006-0227	SW-2	06/06/2000	1:30 PM	06/07/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	17	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Bicarbonate	EPA 310.1	17	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Tretten	06/07/2000
Total Dissolved Solids	EPA 160.1	26	mg/L	7	Rivera	06/12/2000
Suspended Solids	EPA 160.2	<1	mg/L	1	Rivera	06/12/2000
Ar[illegible]nia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	06/22/2000
Ni[illegible]e-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	06/07/2000
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	06/07/2000
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	<0.1	mg/L	0.1	Hellmann	06/19/2000
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Jones	06/09/2000
Calcium - ICP-OES	EPA 200.7	4.8	mg/L	0.1	Faulstich	06/08/2000
Magnesium - ICP-OES	EPA 200.7	0.36	mg/L	0.1	Faulstich	06/08/2000
Potassium - ICP-OES	EPA 200.7	<0.5	mg/L	0.5	Faulstich	06/08/2000
Sodium - ICP-OES	EPA 200.7	1.5	mg/L	0.1	Faulstich	06/08/2000
Chloride - Ion Chromatography	EPA 300.0	0.4	mg/L	0.1	Lowe	06/07/2000
Cyanide,Total	EPA 335.2	< 0.005	mg/L	0.005	Kobza	06/13/2000
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	06/07/2000
Hardness, as CACO3	EPA 130.2	13	mg/L	0.1	Seher	06/20/2000
Sulfate - Ion Chromatography	EPA 300.0	2.9	mg/L	0.1	Lowe	06/07/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	06/12/2000
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Barium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Jones	06/12/2000
Chromium - ICP-MS	EPA 200.8	0.006	mg/L	0.001	Lambert	06/19/2000
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Manganese - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Jones	06/15/2000
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	06/19/2000

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John C. Seher
Managers

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Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 06/22/2000
Client: BIS-002
Taken by: B. Adkins
Report: 35300
PO #: 2909

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200006-0228	SW-3	06/06/2000	11:00 AM	06/07/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	12	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Bicarbonate	EPA 310.1	12	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Tretten	06/07/2000
Total Dissolved Solids	EPA 160.1	38	mg/L	7	Rivera	06/12/2000
Suspended Solids	EPA 160.2	2	mg/L	1	Rivera	06/12/2000
Ammonia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	06/22/2000
Nitrate-N - Ion Chromatography	EPA 300.0	0.5N	mg/L	0.1	Lowe	06/07/2000
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	06/07/2000
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	<0.1	mg/L	0.1	Hellmann	06/19/2000
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Jones	06/09/2000
Calcium - ICP-OES	EPA 200.7	4.2	mg/L	0.1	Faulstich	06/12/2000
Magnesium - ICP-OES	EPA 200.7	0.45	mg/L	0.1	Faulstich	06/12/2000
Potassium - ICP-OES	EPA 200.7	<0.5	mg/L	0.5	Faulstich	06/12/2000
Sodium - ICP-OES	EPA 200.7	2.2	mg/L	0.1	Faulstich	06/12/2000
Chloride - Ion Chromatography	EPA 300.0	0.3	mg/L	0.1	Lowe	06/07/2000
Cyanide,Total	EPA 335.2	< 0.005	mg/L	0.005	Kobza	06/13/2000
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	06/07/2000
Hardness, as CACO3	EPA 130.2	12	mg/L	0.1	Seher	06/20/2000
Sulfate - Ion Chromatography	EPA 300.0	2.8	mg/L	0.1	Lowe	06/07/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	06/12/2000
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Barium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Jones	06/12/2000
Chromium - ICP-MS	EPA 200.8	0.007	mg/L	0.001	Lambert	06/19/2000
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Manganese - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Jones	06/15/2000
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	06/19/2000

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William F. Pillsbury
President

John Kobza, Ph.D.
John C. Seher
Managers

Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 06/22/2000
Client: BIS-002
Taken by: B. Adkins
Report: 35300
PO #: 2909

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200006-0229	SW-4	06/06/2000	10:00 AM	06/07/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	15	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Bicarbonate	EPA 310.1	15	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Tretten	06/07/2000
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Tretten	06/07/2000
Total Dissolved Solids	EPA 160.1	19	mg/L	7	Rivera	06/12/2000
Suspended Solids	EPA 160.2	6	mg/L	1	Rivera	06/12/2000
Ammonia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	06/22/2000
Nitrate-N - Ion Chromatography	EPA 300.0	0.4N	mg/L	0.1	Lowe	06/07/2000
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	06/07/2000
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	<0.1	mg/L	0.1	Hellmann	06/19/2000
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Jones	06/09/2000
Calcium - ICP-OES	EPA 200.7	5	mg/L	0.1	Faulstich	06/12/2000
Magnesium - ICP-OES	EPA 200.7	0.48	mg/L	0.1	Faulstich	06/12/2000
Potassium - ICP-OES	EPA 200.7	0.72	mg/L	0.2	Faulstich	06/12/2000
Sodium - ICP-OES	EPA 200.7	1.6	mg/L	0.1	Faulstich	06/12/2000
Chloride - Ion Chromatography	EPA 300.0	0.3	mg/L	0.1	Lowe	06/07/2000
Cyanide,Total	EPA 335.2	< 0.005	mg/L	0.005	Kobza	06/13/2000
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	06/07/2000
Hardness, as CACO3	EPA 130.2	12	mg/L	0.1	Seher	06/20/2000
Sulfate - Ion Chromatography	EPA 300.0	2.8	mg/L	0.1	Lowe	06/07/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	06/12/2000
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Barium - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Jones	06/12/2000
Chromium - ICP-MS	EPA 200.8	0.007	mg/L	0.001	Lambert	06/19/2000
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Manganese - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	06/19/2000
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Jones	06/15/2000
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	06/19/2000

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Managers

Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
Paiute Professional Bldg; 50 TU SU Lane
Bishop, CA 93514

Date: 06/22/2000
Client: BIS-002
Taken by: B. Adkins
Report: 35300
PO #: 2909

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
200006-0230	Duplicate	06/06/2000	2:40 PM	06/07/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Total Dissolved Solids	EPA 160.1	27	mg/L	7	Rivera	06/12/2000
Suspended Solids	EPA 160.2	<1	mg/L	1	Rivera	06/12/2000
Ammonia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	06/22/2000
Nitrate-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	06/07/2000
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1N	mg/L	0.1	Lowe	06/07/2000
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	<0.1	mg/L	0.1	Hellmann	06/19/2000
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Jones	06/09/2000
Chloride - Ion Chromatography	EPA 300.0	0.4	mg/L	0.1	Lowe	06/07/2000
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	06/07/2000
Sulfate - Ion Chromatography	EPA 300.0	2.8	mg/L	0.1	Lowe	06/07/2000
Total Recoverable Metals - Acid	EPA 200.2	Completed			Kleinworth	06/12/2000
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Jones	06/12/2000

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
200006-0231	Field Blank	06/06/2000	3:00 PM	06/07/2000

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Ammonia-N	EPA 350.3	<0.1	mg/L	0.1	Hellmann	06/22/2000

Approved By: _____
Sierra Environmental Monitoring, Inc

Date: 6-22-00

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.

I have reviewed all data in accordance w/ Section D1 + D3 of QAPP and approved all data + comments for the entry into database

E. [illegible] 12/21/00

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SIERRA ENVIRONMENTAL MONITORING, INC.

1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502
TELEPHONE: (775) 857-2400 TELEFAX: (775) 857-2404

CHAIN OF CUSTODY RECORD

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Client Name	Purchase Order
Bishop Paiute Tribe	2909

Address	Phone/Fax #
50-A TUSU Lane	760-873-3076/x4143 Fax

City	State	Zip
Bishop,	CA	93514

Report Attention: Brian Adkins

Sampled by: Brian Adkins

Signature:

Analyses Requested: See attached list

Turnaround Time: Standard: ___ Other: ___ Rush: 24 Hr ___ 48 Hr ___

Compliance Monitoring: Yes: ___ No: ___

Lab Use Only Pres. Verified

Date Sampled	Time Sampled	Sample Type *	Sample Identification	Preservative*	Analyses	Remarks
6,00	2:30		SW-1	3,4,6	X	Please send QA/QC
	1:30pm		SW-2	3,4,6	X	From this and
	11:00		SW-3	3,4,6	X	previous samplings.
	10:00		SW-4	3,4,6	X	JS-6-7-00
	2:40		Duplicate	3,4,6	X	
	3:00pm		Field Blank	B 4	X	

Relinquished By: Signature	Print Name	Company	Date	Time
	Brian Adkins	Bishop Paiute Tribe	6/7/00 6-6-00	4:00pm
Received By:	Alan Spoonhunter	Bishop Paiute Tribe	6/7/00 6-6-00	4:00 PM
Relinquished By:	Alan Spoonhunter	Bishop Paiute Tribe	6-6-00	4:15 PM
Received By:	Drew Stephens	Sierra West Express	6/6/00	16:15
Relinquished By:		SWE		
Received By Laboratory:		SEM	6-7-00	9:30

Custody Seal Intact
Yes X No ___ None ___

Sample Temperature
Chilled 4°C Ambient ___

Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

* KEY: Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other
Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

SEM COC Form Revised 5/98

FY 2000 Sampling-Spring Quarter										
Parameter		**Price**	**SW-1**	**SW-2**	**SW-3**	**SW-4**	**Dup**	**T. Blank**	**F. Blank**	
pH (Hydrogen Ion)	EPA 150.1	**10**								
Alkalinity	EPA 310.1	**15**	15	15	15	15				
Turbidity	EPA 180.1	**10**								
Total Dissolved Solids	EPA 160.1	**16**	16	16	16	16	16			
Total Suspended Solids		**16**	16	16	16	16	16			
Calcium	EPA 200.7	**15**	15	15	15	15				
Magnesium	EPA 200.7	**15**	15	15	15	15				
Potassium	EPA 200.7	**15**	15	15	15	15				
Sodium	EPA 200.7	**15**	15	15	15	15				
Chloride	EPA 300.0	**16**	16	16	16	16	16			
Sulfate	EPA 300.0	**16**	16	16	16	16	16			
Fluoride	EPA 300.0	**16**	16	16	16	16	16			
Arsenic	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Barium	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Chromium	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Copper	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Manganese	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Mercury	EPA 245.2	**40**	40	40	40	40				
Silver	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Zinc	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Iron	EPA 200.7	**15**	15	15	15	15	15			
Cyanide	EPA 335.2	**55**	55	55	55	55				
Hardness	EPA 130.2	**20**	20	20	20	20				
Silica	EPA 370.1	**25**								
Ammonia Nitrogen	EPA 350.3	**25**	25	25	25	25	25	25	25	
Total Kjeldahl Nitrogen	EPA 350.3	**35**	35	35	35	35	35			
Nitrate Nitrogen	EPA 300.0	**16**	16	16	16	16	16			
Nitrite Nitrogen	EPA 300.0	**16**	16	16	16	16	16			
Ortho Phosphate	EPA 365.3	**20**	20	20	20	20	20			
Volatile Organic Compounds	EPA 624	**250**								
Semivolatile Organic Compds.	EPA 625	**350**								
Pesticides & Herbicides	EPA 608,62	**1200**								
Total Petroleum Hydrocarbons	EPA 8015	**87**								
Gross Alpha	EPA 900	**75**								
Gross Beta	EPA 900	**75**								
Sampling			**Sum**	**Sum**	**Sum**	**Sum**	**Sum**	**Sum**	**Sum**	**Total**
$$ per sample			**526.5**	**526.5**	**526.5**	**526.5**	**207**	**25**	**25**	
# Samples			**1**	**1**	**1**	**1**	**1**	**1**	**1**	
Total			**526.5**	**526.5**	**526.5**	**526.5**	**207**	**25**	**25**	**2363**

completeness = $\frac{\text{Total actual tests}}{\text{Total expected tests}} = \frac{127}{117} = 1.08 > 80\%$

Quality Control Report

Sierra Environmental Monitoring, Inc.

An Addendum to SEM Report Number: 35300

Parameter	*LCS, % Recovery*	*MS, % Recovery*	*MSD, % Recovery*	*RPD, %*	*Method Blank*	
Alkalinity, Total				2.18		
Alkalinity/Bicarbonate				2.18		
Alkalinity/Carbonate				0.00		
Alkalinity/Hydroxide				0.00		
Ammonia-N	92.8	90.0	107.0	17.26	<0.1	mg/L
Arsenic - ICP-MS	104.0	93.6	92.3	1.40	< 0.002	mg/L
Barium - ICP-MS	98.9	97.9	97.0	0.92	< 0.002	mg/L
Boron - ICP-OES	98.2	94.4	94.2	0.21	<0.05	mg/L
Calcium - ICP-OES	98.6	102.2	106.6	0.00	<0.1	mg/L
Calcium - ICP-OES	98.6	102.2	106.6	4.21	<0.1	mg/L
Chloride - Ion Chromatography	97.1	92.8	93.8	1.07	<0.1	mg/L
Chromium - ICP-MS	111.0	106.4	104.4	1.90	< 0.002	mg/L
Copper - ICP-MS	113.0	99.9	98.1	1.82	< 0.002	mg/L
Cyanide,Total	98.0	103.0	103.5	0.48	< 0.005	mg/L
Fluoride - Ion Chromatography	95.7	105.0	105.0	0.00	<0.1	mg/L
Kjeldahl Nitrogen - Digestion/Anal	98.4	85.8	93.6	8.70	<0.1	mg/L
Magnesium - ICP-OES	100.8	99.4	100.8	0.00	<0.1	mg/L
Magnesium - ICP-OES	100.8	99.4	100.8	1.99	<0.1	mg/L
Manganese - ICP-MS	114.0	105.0	105.0	0.00	< 0.002	mg/L
Mercury - AA Cold Vapor	97.8	103.2	106.0	2.68	<0.0005	mg/L
Nitrate-N - Ion Chromatography	99.1	101.0	103.0	1.96	<0.1	mg/L
Nitrite-N - Ion Chromatography	102.5	101.0	101.0	0.00	<0.1	mg/L
Phosphorus - Ortho	98.7	98.5	101.5	3.00	<0.02	mg/L
Potassium - ICP-OES	97.4	90.0	90.0	0.00	<0.5	mg/L
Potassium - ICP-OES	97.4	90.0	90.0	1.67	<0.5	mg/L

Legend: LCS, Laboratory Control Standard; MS, Matrix Spike; MSD, Matrix Spike Duplicate; RPD, Relative Percent Difference

Friday, June 23, 2000

William F. Pillsbury
President

1135 Financial Blvd.
Reno, NV 89502-2348
Phone (775) 857-2400
FAX (775) 857-2404

John Kobza, Ph.D.
John C. Seher
Managers

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Quality Control Report

An Addendum to SEM Report Number: 35300

Sierra Environmental Monitoring, Inc.

Parameter	*LCS, % Recovery*	*MS, % Recovery*	*MSD, % Recovery*	*RPD, %*	*Method Blank*
Silver - ICP-MS	98.2	104.0	104.0	0.00	< 0.002 mg/L
Sodium - ICP-OES	98.8	91.8	91.8	0.00	<0.1 mg/L
Sodium - ICP-OES	98.8	91.8	91.8	1.72	<0.1 mg/L
Sulfate - Ion Chromatography	100.0	80.0	81.0	1.24	<0.1 mg/L
Suspended Solids	———	———	—	0.00	
Total Dissolved Solids		106.0		3.64	
Zinc - ICP-MS	121.0	99.5	99.0	0.50	< 0.02 mg/L

I have reviewed all data in accordance with sections D1 & D3 of QAPP and approved all data & comments to be entered into database.

B. [signature] 12/21/00

Legend: LCS, Laboratory Control Standard; MS, Matrix Spike; MSD, Matrix Spike Duplicate; RPD, Relative Percent Difference

Friday, June 23, 2000

William F. Pillsbury
President

1135 Financial Blvd.
Reno, NV 89502-2348
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John Kobza, Ph.D.
John C. Seher
Managers

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SIERRA ENVIRONMENTAL MONITORING, INC.

OrderID	Param	LCS % Recovery	LCS Upper Control	LCS Lower Control	MS % Recovery	MS Upper Control	MS Lower Control	MSD % Recovery	MSD Upper Control	MSD Lower Control	RPD	UCL	LCL
35300	Alkalinity, Total										2.178649237	20	0
35300	Alkalinity/Bicarbonate										2.178649237	20	0
35300	Alkalinity/Carbonate										0	20	0
35300	Alkalinity/Hydroxide										0	20	0
35300	Ammonia-N	92.8	115	85	90	120	80	107	120	80	17.25888325	20	0
35300	Arsenic - ICP-MS	104	110	90	93.6	130	70	92.3	130	70	1.398601399	20	0
35300	Barium - ICP-MS	98.9	110	90	97.9	130	70	97	130	70	0.923550539	20	0
35300	Boron - ICP-OES	98.2	110	90	94.4	130	70	94.2	130	70	0.212089077	20	0
35300	Calcium - ICP-OES	98.6	110	90	88.8	130	70	88.8	130	70	0	20	0
35300	Chloride - Ion Chromatography	97.14285714	110	90	92.8	110	90	93.8	110	90	1.071811361	20	0
35300	Chromium - ICP-MS	111	110	90	106.4	130	70	104.4	130	70	1.897533207	20	0
35300	Copper - ICP-MS	113	110	90	99.9	130	70	98.1	130	70	1.818181818	20	0
35300	Cyanide,Total	98	115	85	103	115	85	103.5	115	85	0.484261501	20	0
35300	Fluoride - Ion Chromatography	95.66666667	110	90	105	110	90	105	110	90	0	20	0
35300	Kjeldahl Nitrogen - Digestion/Analysis	98.4	115	85	85.8	120	80	93.6	120	80	8.695652174	20	0
35300	Magnesium - ICP-OES	100.8	110	90	99.4	130	70	100.8	130	70	1.992031873	20	0
35300	Manganese - ICP-MS	114	110	90	105	130	70	105	130	70	0	20	0
35300	Mercury - AA Cold Vapor	97.80487805	110	90	103.2	120	80	106	120	80	2.676864245	20	0
35300	Nitrate-N - Ion Chromatography	99.05882353	110	90	101	110	90	103	110	90	1.960784314	20	0
35300	Nitrite-N - Ion Chromatography	102.5	110	90	101	110	90	101	110	90	0	20	0
35300	Phosphorus - Ortho	98.69158879	110	90	98.5	120	80	101.5	120	80	3	20	0
35300	Potassium - ICP-OES	97.4	110	90	90	130	70	90	130	70	0	20	0
35300	Silver - ICP-MS	98.2	110	90	104	130	70	104	130	70	0	20	0
35300	Sodium - ICP-OES	98.8	110	90	91.8	130	70	91.8	130	70	0	20	0
35300	Sulfate - Ion Chromatography	100	110	90	80	110	90	81	110	90	1.242236025	20	0
35300	Suspended Solids										0	20	0
35300	Total Dissolved Solids				106	120	80				3.636363636	10	0
35300	Zinc - ICP-MS	121	110	90	99.5	130	70	99	130	70	0.503778338	20	0

The above QA data has been reconciled with the QAPP (July 30, 1999) & approved entry of all data & comments into data base.

B. [illegible]
12/7/00

Enclosure	Sampling Quarter	Sample Date	Type	Location	Report
1	Spring 00	5/6/00	Chemical	Field	EMO Report - Bldg 3300 WQCP QA

Bishop Paiute Tribe
WQCP - Chemical-Field Quality Control Report
Spring Quarter 2000 - (6/7/00)

Sample	Collector	CollectDate	Param	RDL	Reported Result	NumericResult	RPD	UCL	LCL	Proj. Manag	QA/QC Off.	Comment
SW-1	B.Adkins	6/7/00	Total Dissolved Solids	7	23	23						
Dup	B.Adkins	6/7/00	Total Dissolved Solids	7	27	27	-16.00	20	0	BA		
SW-1	B.Adkins	6/7/00	Suspended solids	1	<1	0.5						
Dup	B.Adkins	6/7/00	Suspended solids	1	<1	0.5	0.00	20	0	BA		
SW-1	B.Adkins	6/7/00	Nitrate-N	0.1	<0.1	0.05						
Dup	B.Adkins	6/7/00	Nitrate-N	0.1	<0.1N	0.05	0.00	20	0	BA		
SW-1	B.Adkins	6/7/00	Nitrite-N	0.1	<0.1	0.05						
Dup	B.Adkins	6/7/00	Nitrate-N	0.1	<0.1N	0.05	0.00	20	0	BA		
SW-1	B.Adkins	6/7/00	Kjeldahl Nitrogen	0.1	0.14	0.14						
Dup	B.Adkins	6/7/00	Kjeldahl Nitrogen	0.1	<0.1	0.05	94.74	20	0	BA		RPD Exceeded
SW-1	B.Adkins	6/7/00	Phoshorus-Orto	0.02	<0.02	0.01						
Dup	B.Adkins	6/7/00	Phoshorus-Orto	0.02	<0.02	0.01	0.00	20	0	BA		
SW-1	B.Adkins	6/7/00	Chloride	0.1	0.4	0.4						
Dup	B.Adkins	6/7/00	Chloride	0.1	0.4	0.2	66.67	20	0	BA		RPD Exceeded
SW-1	B.Adkins	6/7/00	Flouride	0.1	<0.1	0.05						
Dup	B.Adkins	6/7/00	Flouride	0.1	<0.1	0.05	0.00	20	0	BA		
SW-1	B.Adkins	6/7/00	Sulfate	0.1	2.9	2.9						
Dup	B.Adkins	6/7/00	Sulfate	0.1	2.8	2.8	3.51	20	0	BA		
SW-1	B.Adkins	6/7/00	Boron	0.05	<0.05	0.025						
Dup	B.Adkins	6/7/00	Boron	0.05	<0.05	0.025	0.00	20	0	BA		

I have reviewed all data in accordance with Sections D1 and D3 of QAPP and approved the entry of all data + comments into data base.

B. [signature] 12/21/00

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[illegible]	Sampling Quarter	Sample Date	[illegible]	[illegible]	[illegible]
[illegible]	Spring 00	6/6/00	[illegible] Bacteria	[illegible] Lab	BPTRL Data QA Review 8/23/00

MEMO

August 25, 2000

TO: Brian Adkins, Alan Spoonhunter

FR: Marvin Moskowitz, Laboratory Director/Quality Assurance Officer

RE: Review of Bishop Paiute Tribe Environmental Laboratory Data and QA/QC Records From 4/18/00 – 6/26/00

I have reviewed the bacteriological monitoring data presented on the *"Drinking Water Sampling And Analysis Report"* and the *"Colilert Data Sheet"* forms from the period of April 18, 2000 through June 26, 2000. All MPN results were accurately transcribed from the MPN Table and accurately recorded on the data sheets. The switch to the Quanti-tray 2000 method should improve laboratory accuracy and efficiency. I have also reviewed the assorted forms and records that are part of the quality control program. My observations and recommendations on the subject issues are as follows:

1. Data generated in the laboratory is being recorded and stored in accordance with the *"Quality Assurance Plan, Bishop Paiute Tribe, Drinking Water Laboratory, rev. 2/4/00 (QAP)"*. The data is presented in a concise and legible manner.
2. The *"Colilert Data Sheet"* for the sampling day May 26, 2000 incorrectly assigned sample ID numbers of 000619-1 through 000619-8, and should have been assigned numbers of 000626-1 through 000626-8.
3. Water quality assurance/quality control procedures are being conducted in a manner that assures the data being entered into the Water Quality Database is in substantial compliance with the *"Quality Assurance Project Plan: Bishop Paiute Tribe Water Quality Control Program (QAPP)"*.
4. The *Autoclave Sterilization Record, the Autoclave Maintenance Form,* the *Incubator Temperature Record*, the *Thermometer Calibration Record,* the *Refrigerator Temperature Record,* the *Colilert Media Quanti-cult Suitability Check* and the *Drinking Water Sample Bottle Sterility and Volume Check Colilert 100ml Bottles* forms were all reviewed and found to be in compliance with the QAP and QAPP. Once again, it is recommended when refrigerator temperature is monitored at 5° C or higher, the refrigerator should be adjusted accordingly, and remonitored and rerecorded, as specified in #9, Corrective Action Contingencies, of the QAP.
5. The *Autoclave Sterilization Record* indicates several durations of greater than one month between sterility checks (most recently 4/3/00 – 5/31/00). These checks should be conducted at a frequency of no greater than 30 days, as per the QAC.
6. One duplicate sample was collected and analyzed during each sampling day. Eight quality control standards were analyzed on April 24, 2000. Results on this series are pending. These procedures are in accordance with the QAPP.

Gap due to no analyses taking place during this time.

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INVOICE:

Hours Charged:	Data & Record Review	1.5 hrs
	QAP/QAPP Review	0.5 hrs
	Report Preparation	1.0 hrs
	Total Hours	3.0 hrs

3 hrs. @ $45.00 per hour = $135.00

Please Submit Payment To: Marvin Moskowitz
301 Shepard Lane
Bishop, CA 93514

APPROVED FOR PAYMENT

9/6/00

charge to Acct # 5262.81

Bishop Paiute Tribe

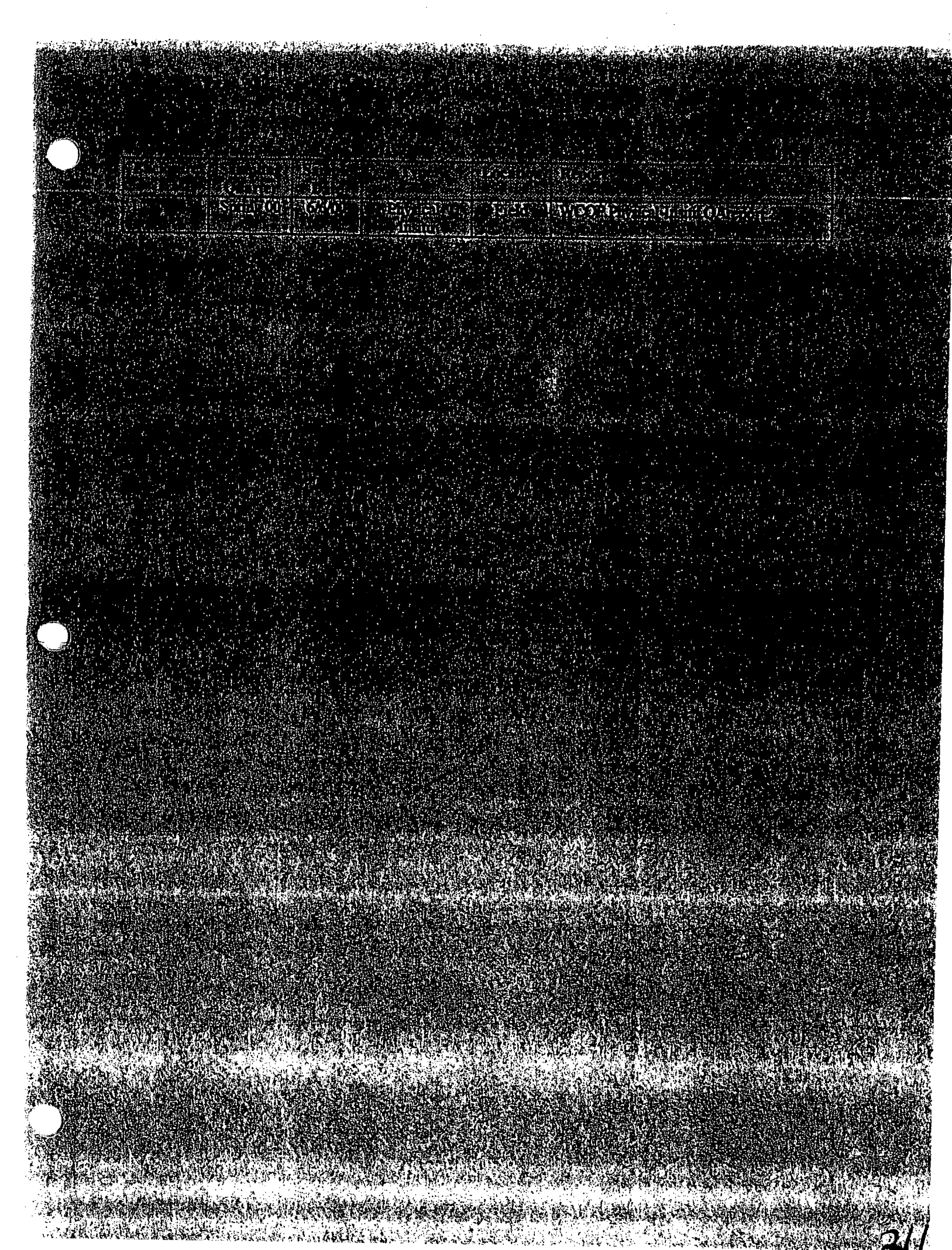
WQCP-Bacteria-Field Analytical and Quality Control Report

Spring Quarter 2000 5/13/00-6/26/00

Event	Sample Date	Order	Sample Site	Sample #	N Total Coliforms	MPN (E.coli)	RPD(TC)	RPD(E.Coli)	UCL	LCL	Proj. Manag.	QA/QC Office	Comments
Spring 00	5/31/00	1	Indian Ditch-West	000531-1	420	12.4			67.7	0	BA		
Spring 00	5/31/00	1	SW-4	000531-2	>200.5	73.8			67.7	0	BA		
Spring 00	5/31/00	1	SW-3	000531-3	>200.5	40.6			67.7	0	BA		
Spring 00	5/31/00	1	SW-2	000531-4	>200.5	118.4			67.7	0	BA		
Spring 00	5/31/00	1	Matlick East	000531-5	1240	144.5			67.7	0	BA		
Spring 00	5/31/00	1	SW-1	000531-6	>200.5	88.5			67.7	0	BA		
Spring 00	5/31/00	1	SW-1.dup	000531-7	>200.5	56	#VALUE!	44.98	67.7	0	BA		
Spring 00	5/31/00	1	Indian Ditch-East	000531-8	1780	47.8			67.7	0	BA		
Spring 00	6/7/00	2	Indian Ditch-West	000607-1	579	39.9			67.7	0	BA		
Spring 00	6/7/00	2	SW-4	000607-2	>2419.2	307.6			67.7	0	BA		
Spring 00	6/7/00	2	SW-3	000607-3	1732.87	461.1			67.7	0	BA		
Spring 00	6/7/00	2	SW-2	000607-4	1553.07	56.5			67.7	0	BA		
Spring 00	6/7/00	2	Matlick East	000607-5	>2419.2	579.4			67.7	0	BA		
Spring 00	6/7/00	2	SW-1	000607-6	>2419.2	160.7			67.7	0	BA		
Spring 00	6/7/00	2	SW-1.dup	000607-7	>2419.2	172.5	#VALUE!	-7.08	67.7	0	BA		
Spring 00	6/7/00	2	Indian Ditch-East	000607-8	2419.17	387.3			67.7	0	BA		
Spring 00	6/12/00	3	Indian Ditch-West	000612-1	2419.17	198.9			67.7	0	BA		
Spring 00	6/12/00	3	SW-4	000612-2	>2419.2	112.6			67.7	0	BA		
Spring 00	6/12/00	3	SW-3	000612-3	>2419.2	108.6			67.7	0	BA		
Spring 00	6/12/00	3	SW-2	000612-4	>2419.2	166.9			67.7	0	BA		
Spring 00	6/12/00	3	Matlick East	000612-5	>2419.2	151.5			67.7	0	BA		
Spring 00	6/12/00	3	SW-1	000612-6	>2419.2	85.7			67.7	0	BA		
Spring 00	6/12/00	3	SW-1.dup	000612-7	>2419.2	83.6	#VALUE!	2.48	67.7	0	BA		
Spring 00	6/12/00	3	Indian Ditch-East	000612-8	2419.17	161.6			67.7	0	BA		
Spring 00	6/19/00	4	Indian Ditch-West	000619-1	>2419.2	31.6			67.7	0	BA		
Spring 00	6/19/00	4	SW-4	000619-2	2419.17	101.7			67.7	0	BA		
Spring 00	6/19/00	4	SW-3	000619-3	>2419.2	25.1			67.7	0	BA		
Spring 00	6/19/00	4	SW-2	000619-4	>2419.2	52			67.7	0	BA		
Spring 00	6/19/00	4	Matlick East	000619-5	>2419.2	228.2			67.7	0	BA		
Spring 00	6/19/00	4	SW-1	000619-6	>2419.2	261.3			67.7	0	BA		
Spring 00	6/19/00	4	SW-1.dup	000619-7	>2419.2	206.3	#VALUE!	23.62	67.7	0	BA		
Spring 00	6/19/00	4	Indian Ditch-East	000619-8	>2419.2	111.2			67.7	0	BA		
Spring 00	6/26/00	5	Indian Ditch-West	000626-1	>2419.2	28.5			67.7	0	BA		
Spring 00	6/26/00	5	SW-4	000626-2	>2419.2	36.8			67.7	0	BA		
Spring 00	6/26/00	5	SW-3	000626-3	1413.6	69.1			67.7	0	BA		
Spring 00	6/26/00	5	SW-2	000626-4	>2419.2	105			67.7	0	BA		
Spring 00	6/26/00	5	Matlick East	000626-5	>2419.2	461.1			67.7	0	BA		
Spring 00	6/26/00	5	SW-1	000626-6	>2419.2	73.8			67.7	0	BA		
Spring 00	6/26/00	5	SW-1.dup	000626-7	>2419.2	104.6	#VALUE!	-34.63	67.7	0	BA		
Spring 00	6/26/00	5	Indian Ditch-East	000626-8	>2419.2	71.7			67.7	0	BA		

I have reviewed all data in accordance with Sections D1 and D3 of QAPP and approve the entry of all data + comments into database.

12/13/00



Bishop Paiute Tribe

WQCP-Physical/In-Situ Analytical and Quality Control Report

Spring Quarter 2000 (4/3/00-6/6/00)

Site	Date	Type	pH	Cond	Turb	DO	Temp	Stage	Flow	RPD pH	RPD Cond	RPD Turb	RPD DO	RPD Temp	RPD Stage	RPD Flow	RPD UL	RPD LL	Sampler	Proj. Mana
SW-1	03-Apr-00	Physical/In-Situ	7.57	0.071	7	11.37	9.2	1.2	18.00								20.0	0.0	BA	
SW-2	03-Apr-00	Physical/In-Situ	7.37	0.071	4	11.45	8.3	1.65	34.00								20.0	0.0	BA	
SW-3	03-Apr-00	Physical/In-Situ	7.72	0.069	4	11.92	7.3	1.03	33.00								20.0	0.0	BA	
SW-4	**03-Apr-00**	Physical/In-Situ	**7.3**	**0.07**	**4**	**10.2**	**6.7**	**0.64**	**24.00**	**0.0**	**0.0**	**-5.6**	**0.8**	**0.0**	**0.0**	**1.1**	**20.0**	**0.0**	**BA**	
SW-4	**03-Apr-00**	Physical/In-Situ	**7.3**	**0.07**	**5**	**9.9**	**6.7**	**0.64**	**23.00**								**20.0**	**0.0**	**BA**	
SW-1	01-May-00	Physical/In-Situ	7.51	0.063	4	8.8	11.5	1.03	17.97								20.0	0.0	BA	
SW-2	01-May-00	Physical/In-Situ	7.03	0.062	3	8.99	10.8	1.64	29.55								20.0	0.0	BA	
SW-3	**01-May-00**	Physical/In-Situ	**7**	**0.06**	**3**	**9.05**	**9.8**	**1.01**	**30.02**						**0.0**	**0.4**	**20.0**	**0.0**	**BA**	
SW-3	**01-May-00**	Physical/In-Situ						**1.01**	**29.59**								**20.0**	**0.0**	**BA**	
SW-4	01-May-00	Physical/In-Situ	6.54	0.059	5	9.64	8.9	0.65	23.29								20.0	0.0	BA	
SW-1	**06-Jun-00**	Physical/In-Situ	**6.7**	**0.05**	**4**	**8.67**	**15**	**1.22**	**22.66**	**0.0**	**0.5**	**0.0**	**0.3**	**0.0**	**0.0**	**-0.3**	**20.0**	**0.0**	**BA**	
SW-1	**06-Jun-00**	Physical/In-Situ	**6.7**	**0.05**	**4**	**8.58**	**15**	**1.22**	**22.95**								**20.0**	**0.0**	**BA**	
SW-2	06-Jun-00	Physical/In-Situ	6.6	0.043	3	9.56	13.7	1.9	52.43								20.0	0.0	BA	
SW-3	06-Jun-00	Physical/In-Situ	6.65	0.041	2	10.17	12.2	1.27	57.81								20.0	0.0	BA	
SW-4	06-Jun-00	Physical/In-Situ	6.53	0.043	4	10.16	11.8	0.74	30.83								20.0	0.0	BA	

I have reviewed all data in accordance with Sections D1 and D3 of QAPP and approve of the entry of all data + comments into data base

E. [signature] 12/21/00

2/2

Reference	Sampling Quarter	Sample Date	Type	Location	Report
M-[illegible]	Fall 00'[illegible]	9/1/00	Chemical	Lab	SEM Report # 36750

Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
50-A TU SU Lane
Bishop, CA 93514

Date: 10/5/00
Client: BIS-002
Taken by: B. Adkins/D. H.
Report: 36750
PO #: 3326

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200009-0398	SW-4	9/11/00	8:50 AM	9/12/00

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	18	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Bicarbonate	EPA 310.1	18	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Farrell	9/15/00
Total Dissolved Solids	EPA 160.1	35	mg/L	7	Eastwood	9/18/00
Suspended Solids	EPA 160.2	2	mg/L	1	Eastwood	9/13/00
Ammonia-N	EPA 350.3	<0.1	mg/L N	0.1	Hellmann	9/20/00
Nitrate-N - Ion Chromatography	EPA 300.0	<0.1	mg/L N	0.1	Lowe	9/13/00
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1	mg/L N	0.1	Lowe	9/13/00
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	0.14	mg/L N	0.1	Hellmann	9/22/00
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Kleinworth	9/13/00
Calcium - ICP-OES	EPA 200.7	6.3	mg/L	0.1	Tretten	9/18/00
Magnesium - ICP-OES	EPA 200.7	0.5	mg/L	0.1	Tretten	9/18/00
Potassium - ICP-OES	EPA 200.7	<0.5	mg/L	0.5	Tretten	9/18/00
Sodium - ICP-OES	EPA 200.7	1.9	mg/L	0.1	Tretten	9/18/00
Chloride - Ion Chromatography	EPA 300.0	0.4	mg/L	0.1	Lowe	9/13/00
Cyanide,Total	EPA 335.2	< 0.005	mg/L	0.005	Kobza	9/18/00
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	9/13/00
Hardness, as CACO3	EPA 130.2	18	mg/L	0.1	Seher	9/21/00
Sulfate - Ion Chromatography	EPA 300.0	3.7	mg/L	0.1	Lowe	9/13/00
Total Recoverable Metals - Acid	EPA 200.2	Completed			Tretten	9/13/00
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Barium - ICP-MS	EPA 200.8	0.003	mg/L	0.001	Lambert	9/14/00
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Tretten	9/14/00
Chromium - ICP-MS	EPA 200.8	< 0.01	mg/L	0.01	Lambert	9/14/00
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Manganese - ICP-MS	EPA 200.8	0.004	mg/L	0.001	Lambert	9/14/00
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Rivera	9/18/00
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	9/14/00

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William F. Pillsbury
President

John Kobza, Ph.D.
John C. Seher
Managers

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Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
50-A TU SU Lane
Bishop, CA 93514

Date: 10/5/00
Client: BIS-002
Taken by: B. Adkins/D. H.
Report: 36750
PO #: 3326

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200009-0399	SW-3	9/11/00	10:15 AM	9/12/00

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	18	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Bicarbonate	EPA 310.1	18	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Farrell	9/15/00
Total Dissolved Solids	EPA 160.1	33	mg/L	7	Eastwood	9/18/00
Suspended Solids	EPA 160.2	1	mg/L	1	Eastwood	9/13/00
Ammonia-N	EPA 350.3	<0.1	mg/L N	0.1	Hellmann	9/20/00
Nitrate-N - Ion Chromatography	EPA 300.0	<0.1	mg/L N	0.1	Lowe	9/13/00
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1	mg/L N	0.1	Lowe	9/13/00
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	<0.1	mg/L N	0.1	Hellmann	9/22/00
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Kleinworth	9/13/00
Calcium - ICP-OES	EPA 200.7	6.2	mg/L	0.1	Tretten	9/18/00
Magnesium - ICP-OES	EPA 200.7	0.5	mg/L	0.1	Tretten	9/18/00
Potassium - ICP-OES	EPA 200.7	<0.5	mg/L	0.5	Tretten	9/18/00
Sodium - ICP-OES	EPA 200.7	1.9	mg/L	0.1	Tretten	9/18/00
Chloride - Ion Chromatography	EPA 300.0	0.4	mg/L	0.1	Lowe	9/13/00
Cyanide,Total	EPA 335.2	< 0.005	mg/L	0.005	Kobza	9/18/00
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	9/13/00
Hardness, as CACO3	EPA 130.2	18	mg/L	0.1	Seher	9/21/00
Sulfate - Ion Chromatography	EPA 300.0	3.7	mg/L	0.1	Lowe	9/13/00
Total Recoverable Metals - Acid	EPA 200.2	Completed			Tretten	9/13/00
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Barium - ICP-MS	EPA 200.8	0.003	mg/L	0.001	Lambert	9/14/00
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Tretten	9/14/00
Chromium - ICP-MS	EPA 200.8	< 0.01	mg/L	0.01	Lambert	9/14/00
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Manganese - ICP-MS	EPA 200.8	0.003	mg/L	0.001	Lambert	9/14/00
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Rivera	9/18/00
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	9/14/00

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William F. Pillsbury
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Managers

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Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
50-A TU SU Lane
Bishop, CA 93514

Date: 10/5/00
Client: BIS-002
Taken by: B. Adkins/D. H.
Report: 36750
PO #: 3326

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200009-0400	SW-2	9/11/00	11:00 AM	9/12/00

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	22	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Bicarbonate	EPA 310.1	22	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Farrell	9/15/00
Total Dissolved Solids	EPA 160.1	25	mg/L	7	Eastwood	9/18/00
Suspended Solids	EPA 160.2	1	mg/L	1	Eastwood	9/13/00
Ammonia-N	EPA 350.3	<0.1	mg/L N	0.1	Hellmann	9/20/00
Nitrate-N - Ion Chromatography	EPA 300.0	<0.1	mg/L N	0.1	Lowe	9/13/00
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1	mg/L N	0.1	Lowe	9/13/00
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	0.12	mg/L N	0.1	Hellmann	9/22/00
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Kleinworth	9/13/00
Calcium - ICP-OES	EPA 200.7	7.2	mg/L	0.1	Tretten	9/18/00
Magnesium - ICP-OES	EPA 200.7	0.7	mg/L	0.1	Tretten	9/18/00
Potassium - ICP-OES	EPA 200.7	0.6	mg/L	0.2	Tretten	9/18/00
Sodium - ICP-OES	EPA 200.7	2.1	mg/L	0.1	Tretten	9/18/00
Chloride - Ion Chromatography	EPA 300.0	0.5	mg/L	0.1	Lowe	9/13/00
Cyanide,Total	EPA 335.2	< 0.005	mg/L	0.005	Kobza	9/18/00
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	9/13/00
Hardness, as CACO3	EPA 130.2	21	mg/L	0.1	Seher	9/21/00
Sulfate - Ion Chromatography	EPA 300.0	3.9	mg/L	0.1	Lowe	9/13/00
Total Recoverable Metals - Acid	EPA 200.2	Completed			Tretten	9/13/00
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Barium - ICP-MS	EPA 200.8	0.004	mg/L	0.001	Lambert	9/14/00
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Tretten	9/14/00
Chromium - ICP-MS	EPA 200.8	< 0.01	mg/L	0.01	Lambert	9/14/00
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Manganese - ICP-MS	EPA 200.8	0.006	mg/L	0.001	Lambert	9/14/00
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Rivera	9/18/00
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	9/14/00

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William F. Pillsbury
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John Kobza, Ph.D.
John C. Seher
Managers

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Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
50-A TU SU Lane
Bishop, CA 93514

Date: 10/5/00
Client: BIS-002
Taken by: B. Adkins/D. H.
Report: 36750
PO #: 3326

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200009-0401	SW-1	9/11/00	12:13 PM	9/12/00

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Alkalinity, Total	EPA 310.1	20	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Bicarbonate	EPA 310.1	20	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Carbonate	EPA 310.1	<1	mg/L CaCO3	1	Farrell	9/15/00
Alkalinity/Hydroxide	EPA 310.1	<1	mg/L CaCO3	1	Farrell	9/15/00
Total Dissolved Solids	EPA 160.1	32	mg/L	7	Eastwood	9/18/00
Suspended Solids	EPA 160.2	24	mg/L	1	Eastwood	9/13/00
mmonia-N	EPA 350.3	<0.1	mg/L N	0.1	Hellmann	9/20/00
itrate-N - Ion Chromatography	EPA 300.0	<0.1	mg/L N	0.1	Lowe	9/13/00
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1	mg/L N	0.1	Lowe	9/13/00
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	0.64	mg/L N	0.1	Hellmann	9/22/00
Phosphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Kleinworth	9/13/00
Calcium - ICP-OES	EPA 200.7	6.8	mg/L	0.1	Tretten	9/18/00
Magnesium - ICP-OES	EPA 200.7	0.7	mg/L	0.1	Tretten	9/18/00
Potassium - ICP-OES	EPA 200.7	1.1	mg/L	0.2	Tretten	9/18/00
Sodium - ICP-OES	EPA 200.7	2.4	mg/L	0.1	Tretten	9/18/00
Chloride - Ion Chromatography	EPA 300.0	0.6	mg/L	0.1	Lowe	9/13/00
Cyanide,Total	EPA 335.2	< 0.005	mg/L	0.005	Kobza	9/18/00
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	9/13/00
Hardness, as CACO3	EPA 130.2	20	mg/L	0.1	Seher	9/21/00
Sulfate - Ion Chromatography	EPA 300.0	4.3	mg/L	0.1	Lowe	9/13/00
Total Recoverable Metals - Acid	EPA 200.2	Completed			Tretten	9/13/00
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Barium - ICP-MS	EPA 200.8	0.003	mg/L	0.001	Lambert	9/14/00
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Tretten	9/14/00
Chromium - ICP-MS	EPA 200.8	< 0.01	mg/L	0.01	Lambert	9/14/00
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Manganese - ICP-MS	EPA 200.8	0.005	mg/L	0.001	Lambert	9/14/00
Mercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Rivera	9/18/00
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	9/14/00

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William F. Pillsbury
President

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John C. Seher
Managers

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Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
50-A TU SU Lane
Bishop, CA 93514

Date: 10/5/00
Client: BIS-002
Taken by: B. Adkins/D. H.
Report: 36750
PO #: 3326

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200009-0402	Dup	9/11/00	12:13 PM	9/12/00

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Total Dissolved Solids	EPA 160.1	28	mg/L	7	Eastwood	9/18/00
Suspended Solids	EPA 160.2	13	mg/L	1	Eastwood	9/13/00
Ammonia-N	EPA 350.3	<0.1	mg/L N	0.1	Hellmann	9/20/00
Nitrate-N - Ion Chromatography	EPA 300.0	<0.1	mg/L N	0.1	Lowe	9/13/00
Nitrite-N - Ion Chromatography	EPA 300.0	<0.1	mg/L N	0.1	Lowe	9/13/00
Kjeldahl Nitrogen - Digestion/An	EPA 351.4	0.62	mg/L N	0.1	Hellmann	9/26/00
)sphorus - Ortho	EPA 365.3	<0.02	mg/L	0.02	Kleinworth	9/13/00
Chloride - Ion Chromatography	EPA 300.0	0.5	mg/L	0.1	Lowe	9/13/00
Fluoride - Ion Chromatography	EPA 300.0	<0.1	mg/L	0.1	Lowe	9/13/00
Sulfate - Ion Chromatography	EPA 300.0	4	mg/L	0.1	Lowe	9/13/00
Total Recoverable Metals - Acid	EPA 200.2	Completed			Tretten	9/13/00
Boron - ICP-OES	EPA 200.7	<0.05	mg/L	0.05	Tretten	9/14/00

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200009-0403	SW-4 Filt	9/11/00	8:50 AM	9/12/00

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Ammonia-N	EPA 350.3	<0.1	mg/L N	0.1	Hellmann	9/26/00

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William F. Pillsbury
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John Kobza, Ph.D.
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Managers

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Laboratory Analysis Report

Sierra Environmental Monitoring, Inc.

Bishop Paiute Tribal Council
Attn: Brian Adkins
50-A TU SU Lane
Bishop, CA 93514

Date: 10/5/00
Client: BIS-002
Taken by: B. Adkins/D. H.
Report: 36750
PO #: 3326

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200009-0404	SW-1 Filt	9/12/00	12:13 PM	9/12/00

Parameter	Method	Result	Units Of Measure	Detection Limit	Analyst	Date Analyzed
Total Recoverable Metals - Acid	EPA 200.2	Completed			Tretten	9/13/00
Arsenic - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Barium - ICP-MS	EPA 200.8	0.003	mg/L	0.001	Lambert	9/14/00
Chromium - ICP-MS	EPA 200.8	< 0.01	mg/L	0.01	Lambert	9/14/00
Silver - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
Copper - ICP-MS	EPA 200.8	< 0.002	mg/L	0.002	Lambert	9/14/00
)nganese - ICP-MS	EPA 200.8	0.005	mg/L	0.001	Lambert	9/14/00
,.ercury - AA Cold Vapor	EPA 245.1	<0.0005	mg/L	0.0005	Rivera	9/18/00
Zinc - ICP-MS	EPA 200.8	< 0.02	mg/L	0.02	Lambert	9/14/00

Approved By: _____ **Date:** 10-5-00
Sierra Environmental Monitoring, Inc

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.

I have reviewed all data in accordance w/ Sections D1 and D3 of QAPP and approve all data + counts to be entered into data base B. [illegible] 12/21/00

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William F. Pillsbury
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SIERRA ENVIRONMENTAL MONITORING, INC.
1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502
TELEPHONE: (775) 857-2400 TELEFAX: (775) 857-2404

36150

CHAIN OF CUSTODY RECORD

Client Name: Bishop Paiute Tribe	Purchase Order: 3326
Address: 50-A Tu Su Lane	Phone/Fax #: 760-873-3665/4143
City: Bishop State: CA Zip: 93514	Report Attention: B. Adkins
Sampled by: B. Adkins / D. Hei	Signature: [signature]

Analyses Requested: See Attached list

Turnaround Time: Standard: X Other: ___ Rush: 24 Hr ___ 48 Hr ___

Compliance Monitoring: Yes: ___ No: ___

Date Sampled	Time Sampled	Sample Type*	Sample Identification	Preservative*	See Attached list	Remarks	Lab Use Only Pres. Verified
9/11/00	~~12:13~~ 8:50	3	SW-4	1,3,4,6,7	X	6 bottles	
9/11/00	10:15	3	SW-3	1,3,4,6,7	X	6 bottles	
9/11/00	11:00	3	SW-2	1,3,4,6,7	X	6 bottles	
9/11/00	12:13	3	SW-1	1,3,4,6,7	X	6 bottles	
9/11/00	12:13	3	Dup	1,3,4,6,7	X	6 bottles	
9/11/00	8:50	3	SW-4 ~~[illegible]~~ Filt	4		1 bottle	
9/11/00	12:13	3	SW-1 Filtered	3		1 bottle	
			~~SW-1 T~~				

	Signature	Print Name	Company	Date	Time
Relinquished By:	[signature]	Brian Adkins	Bishop Paiute Tribe	9/11/00	4:40 pm
Received By:	[signature]	Dawn Stephan	Sierra West Express	9/11/00	16:40
Relinquished By:					
Received By:					
Relinquished By:					
Received By Laboratory:	Jamie Ward	Jamie Ward	SEM	9/12/00	1100

Custody Seal Intact
Yes ___ No ___ None ___

Sample Temperature
Chilled ___ Ambient ___

Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

***KEY:** Sample Type: 1=Drinking Water, 2=S[illegible] Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other
Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

SEM COC Form Revised 5/98

2000 Sampling-Summer Quarter												
rameter		Price	SW-1	SW-2	SW-3	SW-4	Dup	SW-4-Filt	SW-1-Filtered	T. Blank	F. Blank	
(Hydrogen Ion)	EPA 150.1	10										
alinity	EPA 310.1	15	15	15	15	15						
rbidity	EPA 180.1	10										
al Dissolved Solids	EPA 160.1	16	16	16	16	16	16					
al Suspended Solids		16	16	16	16	16	16					
lcium	EPA 200.7	15	15	15	15	15						
gnesium	EPA 200.7	15	15	15	15	15						
tassium	EPA 200.7	15	15	15	15	15						
dium	EPA 200.7	15	15	15	15	15						
loride	EPA 300.0	16	16	16	16	16	16					
lfate	EPA 300.0	16	16	16	16	16	16					
oride	EPA 300.0	16	16	16	16	16	16					
senic	EPA 200.8	18.5	18.5	18.5	18.5	18.5				18.5		
rium	EPA 200.8	18.5	18.5	18.5	18.5	18.5				18.5		
romium	EPA 200.8	18.5	18.5	18.5	18.5	18.5				18.5		
pper	EPA 200.8	18.5	18.5	18.5	18.5	18.5				18.5		
nganese	EPA 200.8	18.5	18.5	18.5	18.5	18.5				18.5		
rcury	EPA 245.2	40	40	40	40	40				40		
ver	EPA 200.8	18.5	18.5	18.5	18.5	18.5				18.5		
c	EPA 200.8	18.5	18.5	18.5	18.5	18.5				18.5		
on	EPA 200.7	15	15	15	15	15	15					
nide	EPA 335.2	55	55	55	55	55						
dness	EPA 130.2	20	20	20	20	20						
ca	EPA 370.1	25										
monia Nitrogen	EPA 350.3	25	25	25	25	25	25	25				
al Kjeldahl Nitrogen	EPA 350.3	35	35	35	35	35	35					
ate Nitrogen	EPA 300.0	16	16	16	16	16	16					
te Nitrogen	EPA 300.0	16	16	16	16	16	16					
ho Phosphate	EPA 365.3	20	20	20	20	20	20					
atile Organic Compounds	EPA 624	250										
nvolatile Organic Compds.	EPA 625	350										
ticides & Herbicides	EPA 608,625	1200										
al Petroleum Hydrocarbons	EPA 8015	87										
ss Alpha	EPA 900	75										
ss Beta	EPA 900	75										
mpling			Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Total
per sample			526.5	526.5	526.5	526.5	207	25	169.5	0	0	
amples			1	1	1	1	1	1	1	1	1	
tal			526.5	526.5	526.5	526.5	207	25	169.5	0	0	2507.5

CustomerName	Customer ID	Order ID	Customer PO	Project ID	Customer Sample Number	Site	Collector	CollectDate	SampleNumber	Matrix	Param	Method	Detection Limit	RDL	Reported Result	Numeric Result	Units	Analysis Employee	Analysis Date
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Alkalinity, Total	EPA 310.1	1	1	18	18	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Alkalinity/Bicarbonate	EPA 310.1	1	1	18	18	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Alkalinity/Carbonate	EPA 310.1	1	1	<1	0.5	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Alkalinity/Hydroxide	EPA 310.1	1	1	<1	0.5	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1	<0.1	0.05	mg/L N	Hellmann	20-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.001	0.003	0.003	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05	<0.05	0.025	mg/L	Tretten	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Calcium - ICP-OES	EPA 200.7	0.1	0.1	6.3	6.3	mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Chloride - Ion Chromatography	EPA 300.0	0.1	0.1	0.4	0.4	mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.01	< 0.01	0.005	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Cyanide,Total	EPA 335.2	0.005	0.005	< 0.005	0.0025	mg/L	Kobza	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Fluoride - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1	0.05	mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Hardness, as CACO3	EPA 130.2	0.1	0.1	18	18	mg/L	Seher	21-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Kjeldahl Nitrogen - Digestion/Analysis	EPA 351.4	0.1	0.1	0.14	0.14	mg/L N	Hellmann	22-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Magnesium - ICP-OES	EPA 200.7	0.1	0.1	0.5	0.5	mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.001	0.004	0.004	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04	<0.0005	0.00025	mg/L	Rivera	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1	0.05	mg/L N	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Nitrite-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1	0.05	mg/L N	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Phosphorus - Ortho	EPA 365.3	0.02	0.02	<0.02	0.01	mg/L	Kleinworth	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Potassium - ICP-OES	EPA 200.7	0.2	0.5	<0.5	0.25	mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Silver - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Sodium - ICP-OES	EPA 200.7	0.1	0.1	1.9	1.9	mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Sulfate - Ion Chromatography	EPA 300.0	0.1	0.1	3.7	3.7	mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Suspended Solids	EPA 160.2	1	1	2	2	mg/L	Eastwood	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Total Dissolved Solids	EPA 160.1	10	7	35	35	mg/L	Eastwood	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-4		B. Adkins/D. H.	9/11/2000	S200009-0398	Clean Water	Zinc - ICP-MS	EPA 200.8	0.01	0.02	< 0.02	0.01	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Alkalinity, Total	EPA 310.1	1	1	18	18	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Alkalinity/Bicarbonate	EPA 310.1	1	1	18	18	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Alkalinity/Carbonate	EPA 310.1	1	1	<1	0.5	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Alkalinity/Hydroxide	EPA 310.1	1	1	<1	0.5	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1	<0.1	0.05	mg/L N	Hellmann	20-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.001	0.003	0.003	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05	<0.05	0.025	mg/L	Tretten	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Calcium - ICP-OES	EPA 200.7	0.1	0.1	6.2	6.2	mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Chloride - Ion Chromatography	EPA 300.0	0.1	0.1	0.4	0.4	mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.01	< 0.01	0.005	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Cyanide,Total	EPA 335.2	0.005	0.005	< 0.005	0.0025	mg/L	Kobza	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Fluoride - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1	0.05	mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Hardness, as CACO3	EPA 130.2	0.1	0.1	18	18	mg/L	Seher	21-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Kjeldahl Nitrogen - Digestion/Analysis	EPA 351.4	0.1	0.1	<0.1	0.05	mg/L N	Hellmann	22-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Magnesium - ICP-OES	EPA 200.7	0.1	0.1	0.5	0.5	mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.001	0.003	0.003	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04	<0.0005	0.00025	mg/L	Rivera	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1	0.05	mg/L N	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Nitrite-N - Ion Chromatography	EPA 300.0	0.1	0.1	<0.1	0.05	mg/L N	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Phosphorus - Ortho	EPA 365.3	0.02	0.02	<0.02	0.01	mg/L	Kleinworth	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Potassium - ICP-OES	EPA 200.7	0.2	0.5	<0.5	0.25	mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Silver - ICP-MS	EPA 200.8	0.001	0.002	< 0.002	0.001	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Sodium - ICP-OES	EPA 200.7	0.1	0.1	1.9	1.9	mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Sulfate - Ion Chromatography	EPA 300.0	0.1	0.1	3.7	3.7	mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Suspended Solids	EPA 160.2	1	1	1	1	mg/L	Eastwood	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Total Dissolved Solids	EPA 160.1	10	7	33	33	mg/L	Eastwood	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-3		B. Adkins/D. H.	9/11/2000	S200009-0399	Clean Water	Zinc - ICP-MS	EPA 200.8	0.01	0.02	< 0.02	0.01	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-2		B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Alkalinity, Total	EPA 310.1	1	1	22	22	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-2		B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Alkalinity/Bicarbonate	EPA 310.1	1	1	22	22	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-2		B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Alkalinity/Carbonate	EPA 310.1	1	1	<1	0.5	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-2		B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Alkalinity/Hydroxide	EPA 310.1	1	1	<1	0.5	mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326		SW-2		B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1	<0.1	0.05	mg/L N	Hellmann	20-Sep-00

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Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.002 < 0.002	0.001 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.001 0.004	0.004 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05 <0.05	0.025 mg/L	Tretten	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Calcium - ICP-OES	EPA 200.7	0.1	0.1 7.2	7.2 mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Chloride - Ion Chromatography	EPA 300.0	0.1	0.1 0.5	0.5 mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.01 < 0.01	0.005 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002 < 0.002	0.001 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Cyanide,Total	EPA 335.2	0.005	0.005 < 0.005	0.0025 mg/L	Kobza	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Fluoride - Ion Chromatography	EPA 300.0	0.1	0.1 <0.1	0.05 mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Hardness, as CACO3	EPA 130.2	0.1	0.1 21	21 mg/L	Seher	21-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Kjeldahl Nitrogen - Digestion/Analysis	EPA 351.4	0.1	0.1 0.12	0.12 mg/L N	Hellmann	22-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Magnesium - ICP-OES	EPA 200.7	0.1	0.1 0.7	0.7 mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.001 0.006	0.006 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04 <0.0005	0.00025 mg/L	Rivera	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1 <0.1	0.05 mg/L N	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Nitrite-N - Ion Chromatography	EPA 300.0	0.1	0.1 <0.1	0.05 mg/L N	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Phosphorus - Ortho	EPA 365.3	0.02	0.02 <0.02	0.01 mg/L	Kleinworth	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Potassium - ICP-OES	EPA 200.7	0.2	0.2 0.6	0.6 mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Silver - ICP-MS	EPA 200.8	0.001	0.002 < 0.002	0.001 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Sodium - ICP-OES	EPA 200.7	0.1	0.1 2.1	2.1 mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Sulfate - Ion Chromatography	EPA 300.0	0.1	0.1 3.9	3.9 mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Suspended Solids	EPA 160.2	1	1 1	1 mg/L	Eastwood	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Total Dissolved Solids	EPA 160.1	10	7 25	25 mg/L	Eastwood	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-2	B. Adkins/D. H.	9/11/2000	S200009-0400	Clean Water	Zinc - ICP-MS	EPA 200.8	0.01	0.02 < 0.02	0.01 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Alkalinity, Total	EPA 310.1	1	1 20	20 mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Alkalinity/Bicarbonate	EPA 310.1	1	1 20	20 mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Alkalinity/Carbonate	EPA 310.1	1	1 <1	0.5 mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Alkalinity/Hydroxide	EPA 310.1	1	1 <1	0.5 mg/L CaCO3	Farrell	15-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1 <0.1	0.05 mg/L N	Hellmann	20-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.002 < 0.002	0.001 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.001 0.003	0.003 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05 <0.05	0.025 mg/L	Tretten	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Calcium - ICP-OES	EPA 200.7	0.1	0.1 6.8	6.8 mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Chloride - Ion Chromatography	EPA 300.0	0.1	0.1 0.6	0.6 mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.01 < 0.01	0.005 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002 < 0.002	0.001 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Cyanide,Total	EPA 335.2	0.005	0.005 < 0.005	0.0025 mg/L	Kobza	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Fluoride - Ion Chromatography	EPA 300.0	0.1	0.1 <0.1	0.05 mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Hardness, as CACO3	EPA 130.2	0.1	0.1 20	20 mg/L	Seher	21-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Kjeldahl Nitrogen - Digestion/Analysis	EPA 351.4	0.1	0.1 0.64	0.64 mg/L N	Hellmann	22-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Magnesium - ICP-OES	EPA 200.7	0.1	0.1 0.7	0.7 mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.001 0.005	0.005 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04 <0.0005	0.00025 mg/L	Rivera	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1 <0.1	0.05 mg/L N	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Nitrite-N - Ion Chromatography	EPA 300.0	0.1	0.1 <0.1	0.05 mg/L N	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Phosphorus - Ortho	EPA 365.3	0.02	0.02 <0.02	0.01 mg/L	Kleinworth	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Potassium - ICP-OES	EPA 200.7	0.2	0.2 1.1	1.1 mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Silver - ICP-MS	EPA 200.8	0.001	0.002 < 0.002	0.001 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Sodium - ICP-OES	EPA 200.7	0.1	0.1 2.4	2.4 mg/L	Tretten	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Sulfate - Ion Chromatography	EPA 300.0	0.1	0.1 4.3	4.3 mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Suspended Solids	EPA 160.2	1	1 24	24 mg/L	Eastwood	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Total Dissolved Solids	EPA 160.1	10	7 32	32 mg/L	Eastwood	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1	B. Adkins/D. H.	9/11/2000	S200009-0401	Clean Water	Zinc - ICP-MS	EPA 200.8	0.01	0.02 < 0.02	0.01 mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	Dup	B. Adkins/D. H.	9/11/2000	S200009-0402	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1 <0.1	0.05 mg/L N	Hellmann	20-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	Dup	B. Adkins/D. H.	9/11/2000	S200009-0402	Clean Water	Boron - ICP-OES	EPA 200.7	0.05	0.05 <0.05	0.025 mg/L	Tretten	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	Dup	B. Adkins/D. H.	9/11/2000	S200009-0402	Clean Water	Chloride - Ion Chromatography	EPA 300.0	0.1	0.1 0.5	0.5 mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	Dup	B. Adkins/D. H.	9/11/2000	S200009-0402	Clean Water	Fluoride - Ion Chromatography	EPA 300.0	0.1	0.1 <0.1	0.05 mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	Dup	B. Adkins/D. H.	9/11/2000	S200009-0402	Clean Water	Kjeldahl Nitrogen - Digestion/Analysis	EPA 351.4	0.1	0.1 0.62	0.62 mg/L N	Hellmann	26-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	Dup	B. Adkins/D. H.	9/11/2000	S200009-0402	Clean Water	Nitrate-N - Ion Chromatography	EPA 300.0	0.1	0.1 <0.1	0.05 mg/L N	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	Dup	B. Adkins/D. H.	9/11/2000	S200009-0402	Clean Water	Nitrite-N - Ion Chromatography	EPA 300.0	0.1	0.1 <0.1	0.05 mg/L N	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	Dup	B. Adkins/D. H.	9/11/2000	S200009-0402	Clean Water	Phosphorus - Ortho	EPA 365.3	0.02	0.02 <0.02	0.01 mg/L	Kleinworth	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	Dup	B. Adkins/D. H.	9/11/2000	S200009-0402	Clean Water	Sulfate - Ion Chromatography	EPA 300.0	0.1	0.1 4.0	4 mg/L	Lowe	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	Dup	B. Adkins/D. H.	9/11/2000	S200009-0402	Clean Water	Suspended Solids	EPA 160.2	1	1 13	13 mg/L	Eastwood	13-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	Dup	B. Adkins/D. H.	9/11/2000	S200009-0402	Clean Water	Total Dissolved Solids	EPA 160.1	10	7 28	28 mg/L	Eastwood	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-4 Filt	B. Adkins/D. H.	9/11/2000	S200009-0403	Clean Water	Ammonia-N	EPA 350.3	0.1	0.1 <0.1	0.05 mg/L N	Hellmann	26-Sep-00

Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1 Filt	B. Adkins/D. H	9/12/2000	S200009-0404	Clean Water	Arsenic - ICP-MS	EPA 200.8	0.001	0.002 < 0.002	0.001	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1 Filt	B. Adkins/D. H	9/12/2000	S200009-0404	Clean Water	Barium - ICP-MS	EPA 200.8	0.001	0.001 0.003	0.003	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1 Filt	B. Adkins/D. H	9/12/2000	S200009-0404	Clean Water	Chromium - ICP-MS	EPA 200.8	0.001	0.01 < 0.01	0.005	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1 Filt	B. Adkins/D. H	9/12/2000	S200009-0404	Clean Water	Copper - ICP-MS	EPA 200.8	0.001	0.002 < 0.002	0.001	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1 Filt	B. Adkins/D. H.	9/12/2000	S200009-0404	Clean Water	Manganese - ICP-MS	EPA 200.8	0.001	0.001 0.005	0.005	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1 Filt	B. Adkins/D. H	9/12/2000	S200009-0404	Clean Water	Mercury - AA Cold Vapor	EPA 245.1	0.0005	5E-04 <0.0005	0.00025	mg/L	Rivera	18-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1 Filt	B. Adkins/D. H	9/12/2000	S200009-0404	Clean Water	Silver - ICP-MS	EPA 200.8	0.001	0.002 < 0.002	0.001	mg/L	Lambert	14-Sep-00
Bishop Paiute Tribal Council	BIS-002	36750	3326	SW-1 Filt	B. Adkins/D. H	9/12/2000	S200009-0404	Clean Water	Zinc - ICP-MS	EPA 200.8	0.01	0.02 < 0.02	0.01	mg/L	Lambert	14-Sep-00

I have reviewed all data in accordance with Sections D1 and D3 of QAPP and approve entry of all data + comments into database

S. [illegible] 12/21/00

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Quality Control Report

Sierra
Environmental
Monitoring, Inc.

An Addendum to SEM Report Number: 36750 ***Project ID: SW-1***

Parameter	*LCS, % Recovery*	*MS, % Recovery*	*MSD, % Recovery*	*RPD, %*	*Method Blank*	
Alkalinity, Total				0.00		
Alkalinity/Bicarbonate				0.00		
Alkalinity/Carbonate				0.00		
Alkalinity/Hydroxide				0.00		
Ammonia-N	105.6	100.0	107.0	0.00	<0.1	mg/L
Ammonia-N	105.6	100.0	107.0	0.80	<0.1	mg/L
Arsenic - ICP-MS	92.7	90.0	93.2	3.49	< 0.002	mg/L
Barium - ICP-MS	101.0	99.3	96.3	3.07	< 0.002	mg/L
Boron - ICP-OES	104.0	101.4	98.8	2.60	<0.05	mg/L
Calcium - ICP-OES	95.0	84.0	88.0	2.35		
Calcium - ICP-OES	95.0	84.0	88.0	4.65		
Chloride - Ion Chromatography	97.7	100.0	101.0	1.00	<0.1	mg/L
Chromium - ICP-MS	100.0	101.0	99.1	1.90	< 0.01	mg/L
Copper - ICP-MS	97.8	96.3	97.3	1.03	< 0.002	mg/L
Fluoride - Ion Chromatography	97.7	99.0	100.0	1.01	<0.1	mg/L
Kjeldahl Nitrogen - Digestion/Anal	97.7	105.0	105.0	0.00	<0.1	mg/L
Magnesium - ICP-OES	101.2	102.8	105.2	3.07		
Magnesium - ICP-OES	101.2	102.8	105.2	0.38		
Manganese - ICP-MS	97.6	96.7	96.0	0.73	< 0.002	mg/L
Mercury - AA Cold Vapor	105.6	125.6	102.2	20.54	<0.0005	mg/L
Nitrate-N - Ion Chromatography	98.4	99.0	100.0	1.01	<0.1	mg/L
Nitrite-N - Ion Chromatography	101.3	102.0	101.0	0.99	<0.1	mg/L
Phosphorus - Ortho	96.7	105.0	107.5	2.35		
Potassium - ICP-OES	99.6	96.8	98.0	1.23		
Potassium - ICP-OES	99.6	96.8	98.0	3.16		

Legend: LCS, Laboratory Control Standard; MS, Matrix Spike; MSD, Matrix Spike Duplicate; RPD, Relative Percent Difference

Thursday, November 02, 2000

William F. Pillsbury
President

1135 Financial Blvd.
Reno, NV 89502-2348
Phone (775) 857-2400
FAX (775) 857-2404

John Kobza, Ph.D.
John C. Seher
Managers

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Quality Control Report

Sierra Environmental Monitoring, Inc.

An Addendum to SEM Report Number: 36750 *Project ID: SW-1*

Parameter	*LCS, % Recovery*	*MS, % Recovery*	*MSD, % Recovery*	*RPD, %*	*Method Blank*
Silver - ICP-MS	97.4	99.5	98.5	1.01	< 0.002 mg/L
Sodium - ICP-OES	94.2	95.0	92.8	2.34	
Sodium - ICP-OES	94.2	95.0	92.8	0.21	
Sulfate - Ion Chromatography	100.9	90.0	93.0	3.28	<0.1 mg/L
Suspended Solids				0.00	
Total Dissolved Solids		106.0		3.43	
Zinc - ICP-MS	105.0	94.5	95.5	1.05	< 0.02 mg/L

I have reviewed all data in accordance with Sections D1 and D3 of QAPP and approve electronic entry of all data into data base.

B. [signature] 12/21/00

Legend: LCS, Laboratory Control Standard; MS, Matrix Spike; MSD, Matrix Spike Duplicate; RPD, Relative Percent Difference

William F. Pillsbury
President

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John Kobza, Ph.D.
John C. Seher
Managers

SIERRA ENVIRONMENTAL MONITORING, INC.

OrderID	Param	LCS % Recovery	LCS Upper Control	LCS Lower Control	MS % Recovery	MS Upper Control Limit	MS Lower Control	MSD % Recovery	MSD Upper Control	MSD Lower Control	RPD	UCL	LCL	
36750	Alkalinity, Total										0	20	0	SA
36750	Alkalinity/Bicarbonate										0	20	0	SA
36750	Alkalinity/Carbonate										0	20	0	SA
36750	Alkalinity/Hydroxide										0	20	0	SA
36750	Ammonia-N	105.647841	115	85	100	120	80	99.2	120	80	0.803212851	20	0	?
36750	Arsenic - ICP-MS	92.7	110	90	90	130	70	93.2	130	70	3.493449782	20	0	SA
36750	Barium - ICP-MS	101	110	90	99.3	130	70	96.3	130	70	3.067484663	20	0	SA
36750	Boron - ICP-OES	104	110	90	101.4	130	70	98.8	130	70	2.597402597	20	0	SA
36750	Calcium - ICP-OES	95	110	90	84	130	70	86	130	70	2.352941176	20	0	SA
36750	Chloride - Ion Chromatography	97.7142857	110	90	100	110	90	101	110	90	0.995024876	20	0	SA
36750	Chromium - ICP-MS	100	110	90	101	130	70	99.1	130	70	1.899050475	20	0	SA
36750	Copper - ICP-MS	97.8	110	90	96.3	130	70	97.3	130	70	1.033057851	20	0	SA
36750	Fluoride - Ion Chromatography	97.6666667	110	90	99	110	90	100	110	90	1.005025126	20	0	SA
36750	Kjeldahl Nitrogen - Digestion/Analysis	97.7027027	115	85	105	120	80	105	120	80	0	20	0	SA
36750	Magnesium - ICP-OES	101.2	110	90	102.8	130	70	105.2	130	70	3.0651341	20	0	SA
36750	Manganese - ICP-MS	97.6	110	90	96.7	130	70	96	130	70	0.726517903	20	0	SA
36750	Mercury - AA Cold Vapor	105.609756	110	90	125.6	120	80	102.2	120	80	20.54433714	20	0	RPD exceed
36750	Nitrate-N - Ion Chromatography	98.3529412	110	90	99	110	90	100	110	90	1.005025126	20	0	SA
36750	Nitrite-N - Ion Chromatography	101.25	110	90	102	110	90	101	110	90	0.985221675	20	0	SA
36750	Phosphorus - Ortho	96.7407407	110	90	105	120	80	107.5	120	80	2.352941176	20	0	SA
36750	Potassium - ICP-OES	99.6	110	90	96.8	130	70	98	130	70	1.232032854	20	0	SA
36750	Silver - ICP-MS	97.4	110	90	99.5	130	70	98.5	130	70	1.01010101	20	0	SA
36750	Sodium - ICP-OES	94.2	110	90	95	130	70	92.8	130	70	2.342917998	20	0	SA
36750	Sulfate - Ion Chromatography	100.888889	110	90	90	110	90	93	110	90	3.278688525	20	0	SA
36750	Suspended Solids										0	20	0	SA
36750	Total Dissolved Solids				106	120	80				3.432137285	10	0	SA
36750	Zinc - ICP-MS	105	110	90	94.5	130	70	95.5	130	70	1.052631579	20	0	SA

No QA data

No QA data

Note: The above QA data have been reconciled with the Data Quality Objectives (Section D3) of Bishop Paiute Tribe QAPP (July 30, 1999). [signature] 11/28/00

I approve entry into data base of all data + comments [signature] 12/21/00

BISHOP TRIBAL COUNCIL

September 5, 2000

Mr. John Seher
Sierra Environmental Monitoring
1135 Financial Blvd.
Reno, NV 89502

RE: Summer Quarter Sampling – Bishop Paiute Tribe

Please find attached list of sample parameters for our Summer Quarter Sampling which will occur September 11, 2000. We request the following:

1. Sample bottles (with appropriate preservative) to accommodate all requested parameters (Note: Would you please put sample number (i.e. SW-1, SW-2, SW-3, SW-4, Duplicate, Field Blank) on the respective bottles.)
2. Extra sample bottles for mistakes
3. Coolers for return shipment to your lab
4. Chain –of-Custody paperwork
5. Extra preservative for samples
6. Laboratory organic free high quality water for field blank (500 ml prob sufficent)

We plan to ship the coolers full of samples via Sierra West Express. Pick up will be Monday afternoon, September 11 with deliver by 12 noon the following day 9/12/00.

If you have any questions, please contact me at 760-873-3665.

Thanks for your help.

Brian Adkins

Enclosure: Excel worksheet – Summer quanter sampling 2000.

CC: file

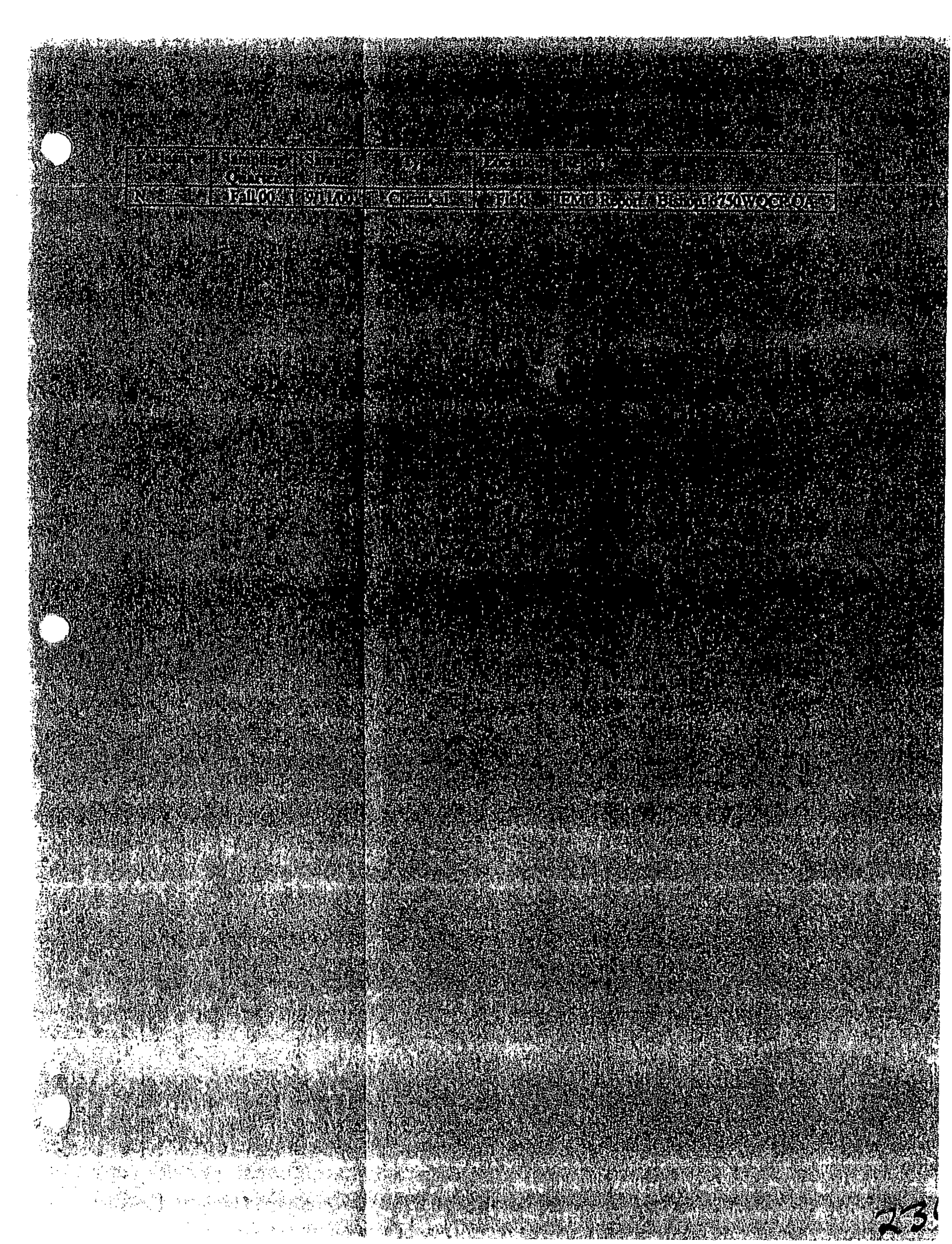
PAIUTE PROFESSIONAL BUILDING • 50 TU SU LANE • BISHOP, CA 93514
PHONE (760) 873-3584 • FAX (760) 873-4143

FY 2000 Sampling-Summer Quarter										
Parameter		**Price**	**SW-1**	**SW-2**	**SW-3**	**SW-4**	**Dup**	**T. Blank**	**F. Blank**	
pH (Hydrogen Ion)	EPA 150.1	**10**								
Alkalinity	EPA 310.1	**15**	15	15	15	15				
Turbidity	EPA 180.1	**10**								
Total Dissolved Solids	EPA 160.1	**16**	16	16	16	16	16			
Total Suspended Solids		**16**	16	16	16	16	16			
Calcium	EPA 200.7	**15**	15	15	15	15				
Magnesium	EPA 200.7	**15**	15	15	15	15				
Potassium	EPA 200.7	**15**	15	15	15	15				
Sodium	EPA 200.7	**15**	15	15	15	15				
Chloride	EPA 300.0	**16**	16	16	16	16	16			
Sulfate	EPA 300.0	**16**	16	16	16	16	16			
Fluoride	EPA 300.0	**16**	16	16	16	16	16			
Arsenic	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Barium	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Chromium	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Copper	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Manganese	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Mercury	EPA 245.2	**40**	40	40	40	40				
Silver	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Zinc	EPA 200.8	**18.5**	18.5	18.5	18.5	18.5				
Iron	EPA 200.7	**15**	15	15	15	15	15			
Cyanide	EPA 335.2	**55**	55	55	55	55				
Hardness	EPA 130.2	**20**	20	20	20	20				
Silica	EPA 370.1	**25**								
Ammonia Nitrogen	EPA 350.3	**25**	25	25	25	25	25		25	did not submit
Total Kjeldahl Nitrogen	EPA 350.3	**35**	35	35	35	35	35			
Nitrate Nitrogen	EPA 300.0	**16**	16	16	16	16	16			
Nitrite Nitrogen	EPA 300.0	**16**	16	16	16	16	16			
Ortho Phosphate	EPA 365.3	**20**	20	20	20	20	20			
Volatile Organic Compounds	EPA 624	**250**								
Semivolatile Organic Compds.	EPA 625	**350**								
Pesticides & Herbicides	EPA 608,62	**1200**								
Total Petroleum Hydrocarbons	EPA 8015	**87**								
Gross Alpha	EPA 900	**75**								
Gross Beta	EPA 900	**75**								
Sampling			**Sum**	**Sum**	**Sum**	**Sum**	**Sum**	**Sum**	**Sum**	**Total**
$$ per sample			**526.5**	**526.5**	**526.5**	**526.5**	**207**	**0**	**25**	
# Samples			**1**	**1**	**1**	**1**	**1**	**1**	**1**	
Total			**526.5**	**526.5**	**526.5**	**526.5**	**207**	**0**	**25**	**2338**

completeness = Total actual tests / Total expected tests = 26/26 26/26 20/20 26/26 11/11

Note: Also submitted SW-4 and SW-1 Filtered (100% complete

All the data is 100% complete [illegible] (12/21/00)



Bishop Paiute Tribe
WQCP -Chemical-Field Quality Control Report
Summer Quarter 2000- (9/11/00)

Sample	Collector	CollectDate	Param	DetectionLimit	RDL	Reported Result	NumericResult	RPD	UCL	LCL	Proj. Manag	QA/QC Off.	Comments
SW-1	B. Adkins/D. H.	9/11/00	Ammonia-N	0.1	0.1	<0.1	0.05				-		
Dup	B. Adkins/D. H.	9/11/00	Ammonia-N	0.1	0.1	<0.1	0.05	0.00	20	0	BA		
SW-1	B. Adkins/D. H.	9/11/00	Boron - ICP-OES	0.05	0.05	<0.05	0.025				-		
Dup	B. Adkins/D. H.	9/11/00	Boron - ICP-OES	0.05	0.05	<0.05	0.025	0.00	20	0	BA		
SW-1	B. Adkins/D. H.	9/11/00	Chloride - Ion Chromatography	0.1	0.1	0.6	0.6				-		
Dup	B. Adkins/D. H.	9/11/00	Chloride - Ion Chromatography	0.1	0.1	0.5	0.5	18.18	20	0	BA		
SW-1	B. Adkins/D. H.	9/11/00	Fluoride - Ion Chromatography	0.1	0.1	<0.1	0.05				-		
Dup	B. Adkins/D. H.	9/11/00	Fluoride - Ion Chromatography	0.1	0.1	<0.1	0.05	0.00	20	0	BA		
SW-1	B. Adkins/D. H.	9/11/00	Kjeldahl Nitrogen - Digestion/Analysis	0.1	0.1	0.64	0.64				-		
Dup	B. Adkins/D. H.	9/11/00	Kjeldahl Nitrogen - Digestion/Analysis	0.1	0.1	0.62	0.62	3.17	20	0	BA		
SW-1	B. Adkins/D. H.	9/11/00	Nitrate-N - Ion Chromatography	0.1	0.1	<0.1	0.05				-		
Dup	B. Adkins/D. H.	9/11/00	Nitrate-N - Ion Chromatography	0.1	0.1	<0.1	0.05	0.00	20	0	BA		
SW-1	B. Adkins/D. H.	9/11/00	Nitrite-N - Ion Chromatography	0.1	0.1	<0.1	0.05				-		
Dup	B. Adkins/D. H.	9/11/00	Nitrite-N - Ion Chromatography	0.1	0.1	<0.1	0.05	0.00	20	0	BA		
SW-1	B. Adkins/D. H.	9/11/00	Phosphorus - Ortho	0.02	0.02	<0.02	0.01				-		
Dup	B. Adkins/D. H.	9/11/00	Phosphorus - Ortho	0.02	0.02	<0.02	0.01	0.00	20	0	BA		
SW-1	B. Adkins/D. H.	9/11/00	Sulfate - Ion Chromatography	0.1	0.1	4.3	4.3				-		
Dup	B. Adkins/D. H.	9/11/00	Sulfate - Ion Chromatography	0.1	0.1	4.0	4	7.23	20	0	BA		
SW-1	B. Adkins/D. H.	9/11/00	Suspended Solids	1	1	24	24				-		
Dup	B. Adkins/D. H.	9/11/00	Suspended Solids	1	1	13	13	59.46	20	0	BA		RPD Exceed.
SW-1	B. Adkins/D. H.	9/11/00	Total Dissolved Solids	10	7	32	32				-		
Dup	B. Adkins/D. H.	9/11/00	Total Dissolved Solids	10	7	28	28	13.33	10	0	BA		RPD Exceed.

I have reviewed all data in accordance w/ Sections D1 and D3 of QAPP and approve entry of all data + comments into database. B. Adkins 12/21/00

[illegible]	Sampling Quarter	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Fall 00	9/11/00	Bacteria	Field	WQCR BAST QAReport [illegible]

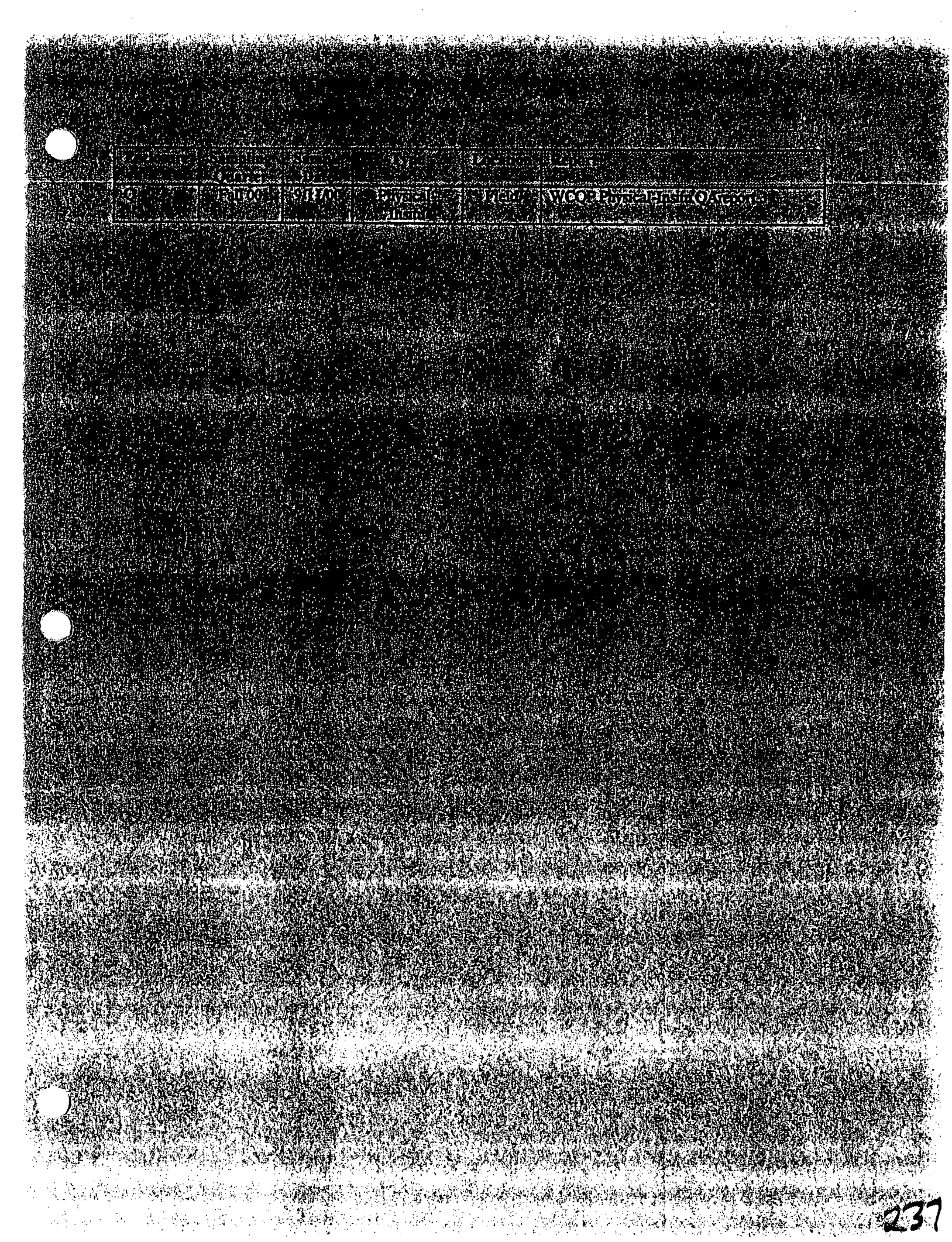
Bishop Paiute Tribe

WQCP-Bacteria-Field Analytical and Quality Control Report

Summer Quarter 2000 (9/11/00 to 10/16/00)

Event	Sample Date	Order	Sample Site	Sample #	MPN Total Coliforms	MPN (E.coli)	RPD(TC)	RPD(E.Coli)	UCL	LCL	Proj. Manag	QA/QC Office Comment	
Summer 00	9/11/00	1	SW-4	000911-1	>2419.2	64.4			67.7	0	BA		
Summer 00	9/11/00	1	SW-3	000911-2	1986.28	95.8			67.7	0	BA		
Summer 00	9/11/00	1	SW-2	000911-3	>2419.2	68.9			67.7	0	BA		
Summer 00	9/11/00	1	SW-1	000911-4	>2419.2	1046.24			67.7	0	BA		
Summer 00	9/11/00	1	SW-1	000911-5	>2419.2	238.2			67.7	0	BA		
Summer 00	9/11/00	1	SW.dup	000911-6	>2419.2	261.3	#VALUE!	-9.25	67.7	0	BA		
Summer 00	9/19/00	2	SW-4	000919-1	>2419.2	172.5			67.7	0	BA		
Summer 00	9/19/00	2	SW-3	000919-2	1553.07	55.6			67.7	0	BA		
Summer 00	9/19/00	2	SW-2	000919-3	>2419.2	56.3			67.7	0	BA		
Summer 00	9/19/00	2	SW-2.dup	000919-4	>2419.2	68.3	#VALUE!	-19.26	67.7	0	BA		
Summer 00	9/19/00	2	SW-1	000919-5	>2419.2	17.1			67.7	0	BA		
Summer 00	9/26/00	3	SW-4	000926-1	>2419.2	307.6			67.7	0	BA		
Summer 00	9/26/00	3	SW-3	000926-2	2419.7	73.8			67.7	0	BA		
Summer 00	9/26/00	3	SW-2	000926-3	>2419.2	410.6			67.7	0	BA		
Summer 00	9/26/00	3	SW-1	000926-4	>2419.2	82.3			67.7	0	BA		
Summer 00	9/26/00	3	SW-1.dup	000926-5	>2419.2	58.3	#VALUE!	34.14	67.7	0	BA		
Summer 00	10/9/00	4	SW-4	001009-1	2419.17	129.1			67.7	0	BA		
Summer 00	10/9/00	4	SW-3	001009-2	2419.17	8.3			67.7	0	BA		
Summer 00	10/9/00	4	SW-2	001009-3	>2419.2	71.7			67.7	0	BA		
Summer 00	10/9/00	4	SW-2.dup	001009-4	>2419.2	78.4	#VALUE!	-8.93	67.7	0	BA		
Summer 00	10/9/00	4	SW-1	001009-5	>2419.2	290.9			67.7	0	BA		
Summer 00	10/16/00	5	SW-4	001016-1	>2419.2	74.3			67.7	0	BA		
Summer 00	10/16/00	5	SW-3	001016-2	1119.85	41.9			67.7	0	BA		
Summer 00	10/16/00	5	SW-2	001016-3	>2419.2	48.8			67.7	0	BA		
Summer 00	10/16/00	5	SW-1	001016-4	>2419.2	32.7			67.7	0	BA		
Summer 00	10/16/00	5	SW-1.dup	001016-5	>2419.2	38.9	#VALUE!	-17.32	67.7	0	BA		

I have reviewed all data in accordance with Sections D1 and D3 of QAPP and approve entry of all data + comments into data base. B. [illegible]



Bishop Paiute Tribe

WQCP-Physical/In-Situ Analytical and Quality Control Report

Summer Quarter (7/6/00-10/27/00)

Site	Date	Type	pH	Cond	Turb	DO	Temp	Stage	Flow	RPD pH	RPD Cond	RPD Turb	RPD DO	RPD Temp	RPD Stage	RPD Flow	RPD UL	RPD LL	Sample	Proj. Man	QA/QC Offi
SW-1	**06-Jul-00**	Physical/In-Situ	**7.1**	**0.04**	**4**	**8.18**	**14.2**	**1.73**	**23.23**	**0.7**	**1.9**	**0.0**	**-2.0**	**2.8**	**0.0**	**-1.9**	**20.0**	**0.0**	**BA**	BA	
SW-1	**06-Jul-00**	Physical/In-Situ						**1.73**	**25.09**								**20.0**	**0.0**	**BA**	BA	
SW-2	06-Jul-00	Physical/In-Situ	6.87	0.037	4	8.85	12.7	2	62.80								20.0	0.0	BA	BA	
SW-3	06-Jul-00	Physical/In-Situ	6.75	0.035	3	9.33	12.1	1.3	62.02								20.0	0.0	BA	BA	
SW-4	06-Jul-00	Physical/In-Situ	6.65	0.037	4	9.12	12	0.8	35.19								20.0	0.0	BA	BA	
SW-1	**04-Aug-00**	Physical/In-Situ	**7.2**	**0.04**	**2**	**8.64**	**17.7**	**0.93**	**14.87**						**0.0**	**-1.6**	**20.0**	**0.0**	**BA**	BA	
SW-1	**04-Aug-00**	Physical/In-Situ						**0.93**	**15.84**											BA	
SW-2	04-Aug-00	Physical/In-Situ	7.04	0.038	2	9.37	16.6	1.59	24.44								20.0	0.0	BA	BA	
SW-3	04-Aug-00	Physical/In-Situ	7.1	0.034	2	10.01	16.1	0.96	28.08								20.0	0.0	BA	BA	
SW-4	04-Aug-00	Physical/In-Situ	6.97	0.035	6	10.07	14.2	0.58	19.62								20.0	0.0	BA	BA	
SW-1	11-Sep-00	Physical/In-Situ	7.2	0.066		7.12	13.8										20.0	0.0	BA	BA	
SW-2	11-Sep-00	Physical/In-Situ	7.02	0.068	2	7.64	14.2	1.27	9.59								20.0	0.0	BA	BA	
SW-3	11-Sep-00	Physical/In-Situ	7.24	0.57	2	7.75	13.1	0.67	9.34								20.0	0.0	BA	BA	
SW-4	11-Sep-00	Physical/In-Situ	7.29	0.57	2	8.15	12.1	0.45	14.34								20.0	0.0	BA	BA	
SW-1	06-Oct-00	Physical/In-Situ	7.5	0.87	2	10.15	13.5										20.0	0.0	BA	BA	
SW-2	**06-Oct-00**	Physical/In-Situ	**7.2**	**0.07**	**1**	**7.9**	**12.5**	**1.24**	**7.35**						**0.0**		**20.0**	**0.0**	**BA**	BA	
SW-2	**06-Oct-00**	Physical/In-Situ						**1.24**												BA	
SW-3	06-Oct-00	Physical/In-Situ	7.39	0.065	2	8.4	11.4										20.0	0.0	BA	BA	
SW-4	06-Oct-00	Physical/In-Situ	7.28	0.064	2	8.34	10.6	0.25	3.40								20.0	0.0	BA	BA	
SW-1	27-Oct-00	Physical/In-Situ	7.46	0.103		10.68	9.1	0.75	5.66								20.0	0.0	BA	BA	
SW-2	**27-Oct-00**	Physical/In-Situ	**7.2**	**0.08**	**2**	**8.87**	**9**	**1.22**	**7.59**						**0.0**	**-1.7**	**20.0**	**0.0**	**BA**	BA	
SW-2	**27-Oct-00**	Physical/In-Situ						**1.22**	**8.11**											BA	
SW-3	**27-Oct-00**	Physical/In-Situ	**7.4**	**0.07**	**2**	**9.45**	**6.8**	**0.57**	**6.26**						**0.0**	**-5.9**	**20.0**	**0.0**	**BA**	BA	
SW-3	**27-Oct-00**	Physical/In-Situ						**0.57**	**7.94**											BA	
SW-4	27-Oct-00	Physical/In-Situ	7.71	0.069	3	10.03	6.2	0.39	8.72								20.0	0.0	BA	BA	

I have reviewed all data in accordance with Sections D1 and D3 of QAPP and approve entry of all data + comments into data base

B. [signature] 12/21/00

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From: Jill Wilson
To: unsij
Date: Thu, Aug 23, 2001 11:42 AM
Subject: Tram Data

Judith,
Here are our metrics on the streams that we sampled and completed analysis on for 1999. I will send you the physico-chemico data as soon as I can get it in electronic form.

CC: gregd

Independence Creek (1999)

	Sample 1	Sample 2	Sample 3	tolerance value	Tolerance sum
Baetidae (CG)	6	3	5	4	56
Ephemerellidae (SC)	1	2	1	1	4
Heptageneidae (SC)	6	8	10	4	96
Leptophlebiidae (SC)	2	4		2	12
Chloroperlidae (SH)		8	12	1	20
Leuctridae (SH)	1			0	0
Perlidae (P)	1	1		1	2
Perlodidae (P)		6		2	12
Pteronarcyidae (SH)			1	0	0
Brachycentridae (CG)	15	4	4	3	69
Glossosomatidae (SC)	12	3	19	0	0
Hydropsychidae (FC)	11	10	9	4	120
Lepidostomatidae (SH)	8	5	2	1	15
Ryacophilidae (P)	1	6	1	0	0
Uenoidae (SC)	13	19	15	0	0
Chironomidae (CG)	12	11	12	6	210
					10
Simuliidae (FC)	1		2	6	18
Tipulidae (SH)		3	1	3	12
Scyomyzidae		1			0
Elmidae (CG)	6	4	5	5	75
Bivavles (FC)		1		3	3
Acari (P)	2			5	10
					64

Total inverts	305
Community Tolerance	2.64918
S (richness)	24
Ephem S	4
Plecop S	5
Trichop S	6
EPT taxa	15
EPT index	77.04918
Sensitive EPT	57.70492
% Hydropsychidae	9.836066
% Baetidae	4.590164
% Intolerant	29.18033
% Tolerant	2.95082
% Dominant Taxon	15.40984
% Collectors	28.85246
% Filterers	11.14754
% Scrapers	37.70492
% Predators	5.901639
% Shredders	13.11475
Abundance	305

Sagehen Creek (1999)	Sample 1	Sample 2	Sample 3	tolerance value	Tolerance sum
Baetidae (CG)	2	4		4	
Ephemerellidae (SC)	1	2		1	
Heptageneidae (SC)	26	20		4	
Leptophlebiidae (SC)				2	
Chloroperlidae (SH)				1	
Leuctridae (SH)				0	
Perlidae (P)				1	
Perlodidae (P)	1	3		2	
Pteronarcyidae (SH)				0	
Brachycentridae (CG)	22	24		3	
Glossosomatidae (SC)				0	
Hydropsychidae (FC)	10	7		4	
Lepidostomatidae (SH)				1	
Philopotamidae		2			
Ryacophilidae (P)		3		0	
Uenoidae (SC)				0	
Chironomidae (CG)	13	21		6	
Empididae (P)		4		6	
Simuliidae (FC)	10	3		6	
Tipulidae (SH)	5			3	
Scyomyzidae					
Elmidae (CG)	5	6		5	
Bivavles (FC)				3	
Acari (P)				5	
Total per sample	95	99	0		

24	**Total inverts**	194
3	**Community Tolerance**	4.128866
184	**S (richness)**	13
0	**Ephem S**	3
0	**Plecop S**	1
0	**Trichop S**	4
0	**EPT taxa**	8
8	**EPT index**	65.46392
0	**Sensitive EPT**	34.53608
138	**% Hydropsychidae**	8.762887
0	**% Baetidae**	3.092784
68	**% Intolerant**	3.608247
0	**% Tolerant**	0
0	**% Dominant Taxon**	
0	**% Collectors**	
204	**% Filterers**	
0	**% Scrapers**	
24		
78	**% Predators**	
15	**% Shredders**	
0	**Abundance**	194
55		
0		
0		
0		