

UTAHAMERICAN ENERGY, INC.
Lila Canyon Mine



2011 Annual Report

Submitted

January 18, 2012

UtahAmerican Energy, Inc.



Lila Canyon Project
P. O. Box 910
East Carbon, Utah 84501
Phone: (435) 888-4000
(435) 650-3157
Fax: (435) 888-4002

Quelmina
0070013
#3999
OK

January 18, 2012

Daron Haddock
Permit Supervisor
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RECEIVED
JAN 20 2012
DIV. OF OIL, GAS & MINING

Re: UtahAmerican Energy, Inc. Lila Canyon Mine, ACT/009-013, (2011 Annual Report)
(12-001)

Dear Mr. Haddock:

Please find attached three (3) copies of the 2011 Annual Report.

C1 and C2 forms are included.

Because of the size of the photo graphs files, a disk containing the infa-red base photos for the Lila Mine Project Area. has been included.

If you have any questions please give me a call.

Sincerely,

R. Jay Marshall
R. Jay Marshall P.E.
Project Manager / Chief Engineer
Lila Canyon Mine

File in:

- Confidential
- Shelf
- Expandable

Date Folder

01/20/12 Quelmina
Annual Report See Confidential

APPLICATION FOR PERMIT PROCESSING

<input type="checkbox"/> Permit Change	<input type="checkbox"/> New Permit	<input type="checkbox"/> Renewal	<input type="checkbox"/> Transfer	<input type="checkbox"/> Exploration	<input type="checkbox"/> Bond Release	Permit Number: ACT/007/013
Title of Proposal: submittal of Annual Report (12-001)						Mine: Horse Canyon
						Permittee: UtahAmerican Energy, Inc.

Description, include reason for application and timing required to implement:

Instructions: If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation

<input type="checkbox"/> Yes	<input type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	2. Is the application submitted as a result of a Division Order? DO #
<input type="checkbox"/> Yes	<input type="checkbox"/> No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	4. Does application include operations in hydrologic basins other than as currently approved?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	6. Does the application require or include public notice/publication?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	7. Does the application require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	9. Is the application submitted as a result of a Violation? NOV #
<input type="checkbox"/> Yes	<input type="checkbox"/> No	10. Is the application submitted as a result of other laws or regulations or policies? Explain: Permit Renewal
<input type="checkbox"/> Yes	<input type="checkbox"/> No	11. Does the application affect the surface landowner or change the post mining land use?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2?)
<input type="checkbox"/> Yes	<input type="checkbox"/> No	13. Does the application require or include collection and reporting of any baseline information?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	15. Does application require or include soil removal, storage or placement?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	16. Does the application require or include vegetation monitoring, removal or revegetation activities?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	17. Does the application require or include construction, modification, or removal of surface facilities?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	18. Does the application require or include water monitoring, sediment or drainage control measures?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	19. Does the application require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	20. Does the application require or include subsidence control or monitoring?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	21. Have reclamation costs for bonding been provided for?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	23. Does the application affect permits issued by other agencies or permits issued to other entities?

X Attach 3 complete copies of the application.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

R. Jay Marshall 1/18/12
 Signed Name - Position - Date

Subscribed and sworn to before me this 18th day of January, 19 2012

Linda Kerns
 Notary Public
 My Commission Expires: March 27, 19 2013
 Attest: STATE OF Utah
 COUNTY OF Carbone



Received by Oil, Gas & Mining

ASSIGNED TRACKING NUMBER

Print Form

Submit by Email

Reset Form

Annual Report

This Annual Report shows information the Division has for your mine. Submit the completed document and any additional information identified in the Appendices to the Division by **March 30, 2012**. During a complete inspection an inspector will check and verify the information.

GENERAL INFORMATION

Company Name	Utah American Energy	Mine Name	Lila Canyon Mine
Permit Number	C/007/0013	Permit expiration Date	5/6/2016
Operator Name	UtahAmerican Energy, Inc.	Phone Number	+1 (435) 888-4000
Mailing Address	P.O. Box 910	Email	jmarshall@coalsource.com
City	East Carbon		
State	Utah	Zip Code	84520

DOGM File Location or Annual Report Location

Excess Spoil Piles

- Required
 Not Required

Refuse Piles

- Required
 Not Required

Impoundments

- Required
 Not Required

The annual pond inspections can be found on Page 2 of this report.

Other:

OPERATOR COMMENTS

REVIEWER COMMENTS

- Met Requirements Did Not meet Requirements

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of
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Permit Number	ACT/007/013	Report Date	August 25, 2011
Mine Name	Lila Canyon		
Company Name	UtahAmerican Energy, Inc.		
Impoundment Identification	Impoundment Name	Sediment Pond #1 Large	
	Impoundment Number	Pond #1	
	UPDES Permit Number	UTG 040024	
	MSHA ID Number	NA	

IMPOUNDMENT INSPECTION

Inspection Date	August 15, 2011		
Inspected By	R. Jay Marshall		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Periodic Annual		

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

No appearance of instability, structural weakness, or any other hazardous condition was observed at the time of inspection.

Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p style="margin-left: 40px;">Sediment Elevations:</p> <table style="margin-left: 80px; border: none;"> <tr> <td style="padding-right: 20px;">60%</td> <td>5838.9'</td> </tr> <tr> <td>100%</td> <td>5843.0'</td> </tr> </table>	60%	5838.9'	100%	5843.0'
60%	5838.9'				
100%	5843.0'				
	<p>3. Principle and emergency spillway elevations.</p> <table style="margin-left: 40px; border: none;"> <tr> <td style="padding-right: 20px;">Principle</td> <td>5841'</td> </tr> <tr> <td>Emergency</td> <td>5840'</td> </tr> </table>	Principle	5841'	Emergency	5840'
Principle	5841'				
Emergency	5840'				

4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

Pond is dry no discharge.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: R. Jay Marshall

Date: 8/25/11

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)

YES

NO

1. Is impoundment designed and constructed in accordance with the approved plan?

XXXXX

2. Is impoundment free of instability, structural weakness, or any other hazardous condition?

XXXXX

3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?

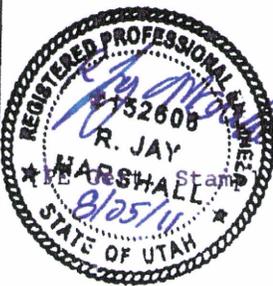
XXXXX

COMMENTS AND OTHER INFORMATION

NONE

Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.



By: R. Jay Marshall Chief Engineer
(Full Name and Title)

Signature: R. Jay Marshall Date: 8/25/11

P.E. Number & State: _____

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of					
Permit Number	ACT/007/013	Report Date	August 25, 2011				
Mine Name	Lila Canyon						
Company Name	UtahAmerican Energy, Inc.						
Impoundment Identification	Impoundment Name	Sediment Pond #2 Small					
	Impoundment Number	Pond #2					
	UPDES Permit Number	NA					
	MSHA ID Number	NA					
IMPOUNDMENT INSPECTION							
Inspection Date	August 15, 2011						
Inspected By	R. Jay Marshall						
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Periodic Annual						
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No appearance of instability, structural weakness, or any other hazardous condition was observed at the time of inspection.</p>							
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Sediment Elevations:</p> <table style="margin-left: 100px;"> <tr> <td>60%</td> <td>5842.1'</td> </tr> <tr> <td>100%</td> <td>5844.0'</td> </tr> </table>			60%	5842.1'	100%	5844.0'
	60%	5842.1'					
100%	5844.0'						
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle</p> <p>Emergency</p>						

4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Dry No water impounded

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: R. Jay Mansell Date: 8/25/11

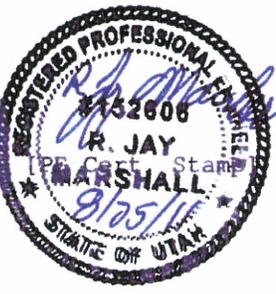
CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	XXXXX	

2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	XXXXX	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	XXXXX	

COMMENTS AND OTHER INFORMATION

NONE

<p>Certification Statement:</p> 	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p>By: <u>R. Jay Marshall Chief Engineer</u> <small>(Full Name and Title)</small></p> <p>Signature: <u>R. Jay Marshall</u> Date: <u>9/25/11</u></p> <p>P.E. Number & State: _____</p>
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COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the Mining and Reclamation Plan and conditions accepted with the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If additional written response is required, it should be filed as an attachment to this report.

Title: RAPTOR SURVEY

Objective: Identify and monitor all raptors and nests.

Frequency: Annually

Status: OVERDUE, UAE did not submit an adequate map and data in the 2010 report. The map must coincide with the data set and the data set must be discernible. The follow up survey data must also be submitted.

Reports: Annual Reports

Citation: MRP, Part B, Section 322.220, page 10, Section 330, page 20, Section 358.100 page 38

Operator Comments

The 2011 Raptor Survey is included in this report on Page 11. The 2010 data did coincide with the data set and the explanation is included on page 9 of this report. Follow up surveys are not required nor were they done.

Reviewer Comments Met Requirements Did Not Meet Requirements

Title: COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

Objective: Report water depletion for the CO River Endangered Fish Recovery Program

Frequency: Annually

Status: Ongoing

Reports: Annual

Citation: MRP, Section 322.220, page 11

Operator Comments

The water usage calculation sheet can be found on Page 14 of this report.

Reviewer Comments Met Requirements Did Not Meet Requirements

**Typical In-Mine Use Requiring Water Right
Lila Canyon Mine**

COAL PRODUCTION

Water added to produce coal	4.50% Inherent Moisture
	6.50% ROM Moisture
	2.00% moisture added to coal by the cutting operation

Projected yearly Tonnage	156,382 tons coal produced per year
Tons of Water/Year	3,128 tons of water produced per year
Lbs of Water/year	6,255,266 lbs of water/year
Gallons of Water/Year	749,134 gal of water /year
Acre_Feet of Water/Year	2.30 ac-ft of water/year - Consumptive Use

In Mine Dust Suppression	
0.5 Trucks per day	1,000 per truck
	500 gal/day
	250 days /year
	125,000 gal/year
	0.38 ac-ft of water/year - Consumptive Use

Typical Surface Uses Requiring a Water Right

- Bath House/Office/Shop
- Exterior Roads Dust Suppression
- Equipment Washing
- Coal Washing
- Ponds - Storage/Evaporation

Other does Not Require a Water right Currently

- In-Mine Ventilation/ Evaporation
- Dewatering with no associated use

TOTAL CONSUMPTIVE USE	2.68 ac-ft of water/year - Consumptive Use
	0.011 ac-ft of water/day
	0.005419 cfs

Total Consumptive Use in cfs = 0.005 cfs

Gallon / Ton = 5.59

Title: VEGETATION TEST PLOT

Objective: To test if summer seeding will increase establishment of the warm season species.

Frequency: Annually for three years

Status: Ongoing, no data has been submitted for 2010.

Reports: Annual report

Citation: MRP, Part B, Section 341.300, page 26. Section 354, page 28

Operator Comments

The first year data from the pond vegetation test plot can be found on Page 16 of this report.

Reviewer Comments Met Requirements Did Not Meet Requirements

Title: RAIN GAUGES

Objective: Establish on site climatological database

Frequency: No less than monthly from May 1 to October 30, monthly when feasible during the remaining months.

Status: To be implemented within 30 days of Board's approval of the Stipulation for Dismissal.

Reports: Data will be downloaded quarterly and included in the Annual Report.

Citation: Conditions to the Permit, Attachment A, Special Conditions (December 21, 2007).

Operator Comments

Rain Guage data for both the upper and lower rain guages can be found starting on page 17 of this report.

Reviewer Comments Met Requirements Did Not Meet Requirements

TO: Jay Marshall
FROM: Matt Serfustini
DATE: November 9, 2011
SUBJECT: Estimates of reclamation success at the Lila Canyon Mine sediment pond

As requested, I visited each of the four areas of the Lila Canyon Mine sediment pond to estimate the difference in success between the areas seeded in late fall and mid-summer. The lines separating the four areas were clearly marked with red pin flags. Ocular estimates were used to determine the degree of success.

Halogeton and Russian thistle are present in all four areas. Area 1 has snakeweed, shadscale, Indian ricegrass, bottlebrush squirreltail, cheat grass, intermediate wheatgrass, and mustard species. Area 3 has fewer plants in general, possibly due to the differing soils. Plants in Area 3 consist of rabbitbrush, shadscale, bottlebrush squirreltail, and mustard species. Area 4 has a steep clay soil, yet has more individual grass clumps than Area 3. Area 4 vegetation includes fourwing saltbush, shadscale, mustard species, kochia, and bottlebrush squirreltail. Area 2 vegetation includes fourwing saltbush, snakeweed, kochia, bottlebrush squirreltail, Indian ricegrass, intermediate wheatgrass, cheat grass, mustard species, and yellow sweet clover. No blue grama or galleta was found in any of the four areas.

The highest numbers of individual grass plants are in Areas 1 and 2. The largest shrubs and numbers of individuals are found in Areas 2 and 4. The east facing slope in Areas 2 and 4 have a dense growth of kochia and has the highest vegetation cover. The low number of seeded species in all four areas, excluding the east facing slope, may be due to the time of year surveyed, steep slopes, or poor soils in general. With no blue grama or galleta identified during the survey, it is not possible at this time to determine whether or not the timing of planting results in a significant degree of success for these two species.

Lila Canyon Mine

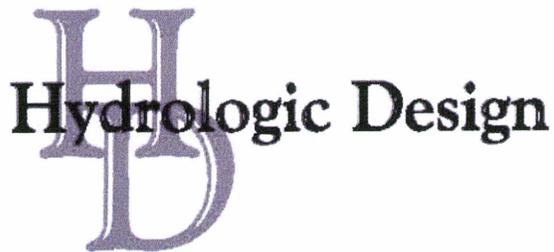
East Carbon, UTAH

Rain & Crest Gauge Data Evaluation and Recommendations

Prepared For:

UtahAmerica Energy Inc.
794 C Canyon Road
East Carbon, UT 84520
435.888.4007 Tel

Prepared by:



Hydrologic Design Inc.
4173 Dardanelle Drive
South Jordan, Utah 84095
801.608.2414 Tel
801.576.9259 Fax

Contact:
Thomas J. Suchoski

January 2012

INTRODUCTION:

On January 2, 2008 the DOGM required additional special stipulations on the prior approval of the Lila Canyon Permit. Stipulations 1 through 4 were on-going stipulations from the prior approval. Stipulations 5 through 9 were new stipulations. This report addresses the stipulation 5 (rain and crest gauges and siphon samplers) requirement to report on the data collected.

The purpose of this study was to address the stipulation and to specifically:

- o Described the rain gauge data collection for the upper and lower areas within the Lila Canyon Mine Permit Area.
- o Evaluate data and recommend future sampling activities.

Stipulation #5 required the following:

“(a) UEI shall, within 30 days (weather permitting and pickup accessibility permitting) of the approval by the Board of the Stipulation for Dismissal, locate and make operable two rain gauges within the permit area, including one in the upper elevation area, and one in the surface facilities area. Data will be collected no less than monthly during the period from May 1 through October 30 and otherwise monthly unless access is not feasible. Data will be downloaded quarterly and included in the annual report.

(b) UEI will by March 31, 2008 (weather and pickup accessibility permitting) place and make operable crest stage gauges and siphon samplers at the sampling locations shown on the attached map# 1. UEI will collect two years of additional quarterly surface water quantity and quality baseline information from the gauges. The gauges will be installed, maintained, and inspected as required by normal USGS protocol and on a frequency established by the Division. The Division will accompany UEI on the initial placement of the siphon and crest stage gauges.

(c) At the conclusion of the first year, the data will be analyzed, and additional monitoring locations may be required.”

In response to this stipulation, UEI installed the rain gauges and siphon and crest gauges as requested.

RAIN GAUGES

As reported in the 2008 - 2010 reports, in accordance with stipulation #5, two rain gauges were installed within the Lila Canyon Mine Permit area. The lower elevation gauge is located to the south of the mine facilities area and the upper elevation gauge is located on top of the Book Cliffs in the Little Park Wash drainage area (near the IPA #2 well site). The locations of the rain gauges were determined by an Delorme Earthmate PN-20 GPS unit and are shown on Plate 1 and the coordinates and elevations are presented in Table 1.

METHODS: These rain gauges are tipping bucket type rain gauges with a data logger. The data are collected in 0.01" increments with a resolution of 0.01 inches per second. Readings are taken only when precipitation is recorded. The data are stored in the data logger memory until the data are downloaded. When the next sampling period sequence is started, the prior data are erased and overwritten. The data were downloaded during the quarterly sampling efforts.

Attempts are made to tie the sampling periods to the corresponding quarters; however, due to difficulties in accessing the upper sites, these periods are sometimes longer than a normal 3-month quarter. The summary tables adjust these data to the various quarters or years as appropriate.

RESULTS: Tables 2 and 3 present the rainfall data for the 4th period of 2010 and three periods of 2011 at the lower rain gauge, respectively. Table 4 and 5 present the rainfall data for the 4th period of 2010 and three periods of 2011 at the upper rain gauge, respectively. Attachment A presents the period data for the upper and lower rain gauge stations.

EVALUATION: These data, plus the data from the 2008 - 2010 reports, demonstrate the types of rainfall that are common in the mine site area. There are three types of precipitation events recorded: short duration small isolated storms, short duration, high intensity storms, and longer frontal type storms.

As indicated in the PAP, the rainfall types occurring in the area was described as a combination of short duration, high intensity thunderstorms and gentle frontal storms. These are the same types of storms that were recorded in the data collected. The only difference was the identification of short duration small isolated storms. These storms were generally less than 0.1 inches in depth and less than 60 minutes in duration. Therefore, the precipitation regime occurring in the mine permit area is now documented and matches that described in the PAP.

CREST GAUGES AND SIPHON SAMPLERS

As reported in the 2008 - 2010 reports, in accordance with stipulation #5, seven (7) sets of crest gauge and siphon samplers were installed at various points in the drainage areas within the Lila Canyon Mine Permit area. Plate 1 shows the location of these sites and Table 1 presents the coordinates and elevations.

As discussed in the 2010 report, more than two years of data was collected from these crest gauges demonstrating the rainfall-runoff relationship. Therefore, UEI requested that these stations be discontinued and the equipment stored for future use. As no negative response was received from the Division, these crest gauges were removed in the spring of 2011 and stored for future monitoring.

CONCLUSIONS AND RECOMMENDATIONS:

Stipulation #5 was prepared in response to the Southern Utah Wilderness Alliance comments that the PAP did not adequately characterize the hydrologic conditions of the site area. UEI disagreed with this comment and presented information to the Division and Board of Oil, Gas, and Mining regarding this issue. Further, UEI presented information that the quality of the data collected from this type of monitoring was questionable and did not yield any better description of the hydrologic regime than was already known.

As part of a settlement agreement which allowed mining to proceed, UEI agreed to accept the stipulation to collect two years of precipitation and water flow and quality data to demonstrate the points raised in the presentations.

The data presented in the 2008, 2009, and 2010 summaries demonstrated that the data from the rain gauges and the crest staff gauges presents the typical rainfall-runoff conditions for the mine permit area. The conditions described by these data are consistent with the descriptions presented in the PAP for the Lila Canyon Mine.

As these data are consistent with the PAP description, the purpose of Stipulation #5 has been accomplished and the justification for additional monitoring is no longer justified. Therefore, the rainfall monitoring for the upper rain gauge and the crest gauge and siphon samplers for the Little Park Wash area have been removed and monitoring discontinued and the equipment has been stored for future monitoring on new mine areas, if needed.

TABLE 1
Lila Canyon - Water Monitoring Coordinate Data

Site	Latitude	Longitude	Stateplane N (feet)	Stateplane E (feet)	Elevation (ft.)	# of satellites	Error margin (+/-)	Flow Rat	Cond.	Temp	pH
IPA #1	39° 25.514' N	110° 18.439' W	399946.05	2336903.63	7049	6	22				
IPA #2	39° 25.088' N	110° 19.144' W	397316.3	2333618.88	6872	6	17				
IPA #3	39° 24.488' N	110° 18.718' W	393701.03	2335672.92	6820	7	17				
L-01-S	39° 25.6457' N	110° 20.8662' W	400595.57	2325467.03	5826	8	19				
L-02-S	39° 25.5230' N	110° 20.7040' W	399860.709	2326240.081	5934	8	19				
L-07-G	39° 26.450' N	110° 18.223' W	405640.88	2337844.49	7354	5	19				
L-08-G	39° 25.717' N	110° 17.621' W	401229.84	2340737.86	7049	5	45				
L-09-G	39° 24.958' N	110° 17.952' W	396601.96	2339241.56	7036	6	18				
L-11-G	39° 26.618' N	110° 19.781' W	405663.58	2330498.28	7220	4	35				
L-12-G	39° 24.143' N	110° 18.038' W	391649.72	2338902.98	6762	6	29				
L-13-S	39° 24.831' N	110° 19.032' W	395763.35	2334166.82	6820	6	18				
L-14-S	39° 23.960' N	110° 18.472' W	390511.64	2336874	6678	8	19				
L-16-G	39° 24.2498' N	110° 19.5893' W	392201.033	2331589.099	5792	8	19				
L-17-G	39° 24.2957' N	110° 19.4968' W	392485.352	2332021.029	5896	8	19				
L-18-S	39° 23.9966' N	110° 20.1881' W	390827.335	2328789.29	5513	8	19				
L-19-S	39° 24.228' N	110° 19.094' W	392099.45	2333923.26	6700	5	18				
L-20-S	39° 26.314' N	110° 18.916' W	404771.98	2334593.76	7153	9	15				

RAIN GAUGES - APRIL 2008 & AUGUST 2008

RG-1	39° 25.5620' N	110° 20.8216' W	400090.286	2325683.408	5946	8	19				
RG-2	39° 25.1101' N	110° 19.1383' W	397450.92	2333644.12	6875	8	19				

SPRING & SEEP - APRIL 2008

JS-1	39° 24.2052' N	110° 19.7143' W	391922.606	2331004.009	5793	8	19	damp	-	-	-
JS-2	39° 24.3467' N	110° 19.5807' W	392789.721	2331621.879	5932	8	19	0.01	+4000	54.3	9.03
TS-1	39° 24.2667' N	110° 19.5851' W	392303.871	2331607.531	5873	8	19	0.01	+4000	40.2	8.68
TS-2	39° 24.2848' N	110° 19.5101' W	392418.37	2331959.268	6005	8	19	damp	-	-	-
TS-3	39° 24.2899' N	110° 19.5168' W	392448.911	2331927.311	5992	8	19	damp	-	-	-

CREST GAUGES - AUGUST 2008

Lila CG1	39° 25.6006' N	110° 21.0658' W	400309.785	2324530.799	5739	8	19				
Lila CG2	39° 26.7540' N	110° 18.7754' W	407451.416	2335220.175	7303	8	19				
Lila CG3	39° 26.3110' N	110° 18.8839' W	404755.876	2334745.274	7233	8	19				
Lila CG4	39° 25.4918' N	110° 18.8207' W	399787.62	2335108.598	6968	8	19				
Lila CG5	39° 23.9398' N	110° 18.4462' W	390390.749	2336997.324	6675	8	19				
Lila CG6	39° 24.8083' N	110° 18.9742' W	395629.264	2334440.693	6809	8	19				
Lila CG7	39° 23.9969' N	110° 18.9549' W	390705.618	2334596.861	6656	8	19				

Table 2

Lila Canyon Raingauge Data

Lower Site 2010

Date	Duration	Depth (in)
11/21/2010	3 Hours	0.09
11/22/2010	2 Hours	0.02
11/28/2010	2 min	0.02
12/18/2010	3 Hours	0.06
12/19/2010	3 Hours	0.18
12/20/2010	15 Hours	0.62
12/21/2010	21 Hours	0.25
12/22/2010	18 Hours	0.46
12/23/2010	6 Hours	0.12
12/26/2010	10.5 Hours	0.1
12/29/2010	2 Hours	0.01

Table 3**Lila Canyon Raingauge Data****Lower Site 2011**

Date	Duration	Depth (in)
1/6/2011	2.5 Hrs	0.1
1/7/2011	4 Hrs	0.21
1/8/2011	70 Min	0.02
2/8/2011	11 Min	0.03
2/19/2011	9 Hrs	0.48
3/3/2011	43 Min	0.1
3/7/2011	7 Hrs	0.1
3/8/2011	76 Min	0.1
3/24/2011	83 Min	0.02
3/27/2011	21 Min	0.18
3/28/2011	103 Min	0.14
4/8/2011	76 Min	0.08
4/10/2011	28 Min	0.09
4/18/2011	31 Min	0.12
4/19/2011	96 Min	0.08
4/21/2011	33 Min	0.09
4/24/2011	15 Hrs	0.59
4/25/2011	17 Min	0.03
5/9/2011	15.5 Hrs	0.74
5/10/2011	10 Hrs	0.05
5/17/2011	12 Hrs	0.15
5/18/2011	20 Hrs	0.74
5/19/2011	24 Hrs	0.56
5/20/2011	13 Hrs	0.29
5/22/2011	3 Hrs	0.11
5/23/2011	26 Min	0.09
6/16/2011	3 Hrs	0.12
6/29/2011	7 Hrs	0.16
6/30/2011	5 Hrs	0.42
7/4/2011	19 Min	0.04
7/8/2011	7 Min	0.02
7/10/2011	2 Hrs	0.45
7/11/2011	33 Min	0.01
7/12/2011	3 Hrs	0.13
7/13/2011	8 Hrs	0.07
7/17/2011	3 Min	0.02
7/18/2011	53 Min	0.48
7/19/2011	9 Min	0.07
7/26/2011	22.5 Hrs	0.57

Table 3

Lila Canyon Raingauge Data

Lower Site 2011

Date	Duration	Depth (in)
7/27/2011	56 Min	0.46
7/31/2011	62 Min	0.63
8/1/2011	8 Min	0.15
8/3/2011	15.6 Hrs	0.22
8/15/2011	2.25 Hrs	0.03
8/29/2011	10 Min	0.35
9/5/2011	67 Min	0.05
9/6/2011	10.25 Hrs	0.21
9/9/2011	5.5 Hrs	0.1
9/11/2011	34 Min	0.05
9/14/2011	3.5 Hrs	0.02
9/15/2011	15 Hrs	0.15
9/16/2011	4 Hrs	0.28
9/17/2011	2 Hrs	0.06
10/4/2011	4.5 Hrs	0.02
10/5/2011	15.75 Hrs	0.55
10/16/2011	13 Hrs	1.16
10/8/2011	2.5 Hrs	0.1

Table 4

Lila Canyon Raingauge Data

Upper Site 2010

Date	Duration	Depth (in)
11/8/2010	104 Min	0.13
11/9/2010	67 Min	0.12
11/22/2010	130 Min	0.06
11/24/2010	10 Min	0.01
11/29/2010	232 Min	0.02
12/25/2010	12 Min	0.01
12/31/2010	65 Min	0.03

Table 5**Lila Canyon Raingauge Data****Upper Site 2011**

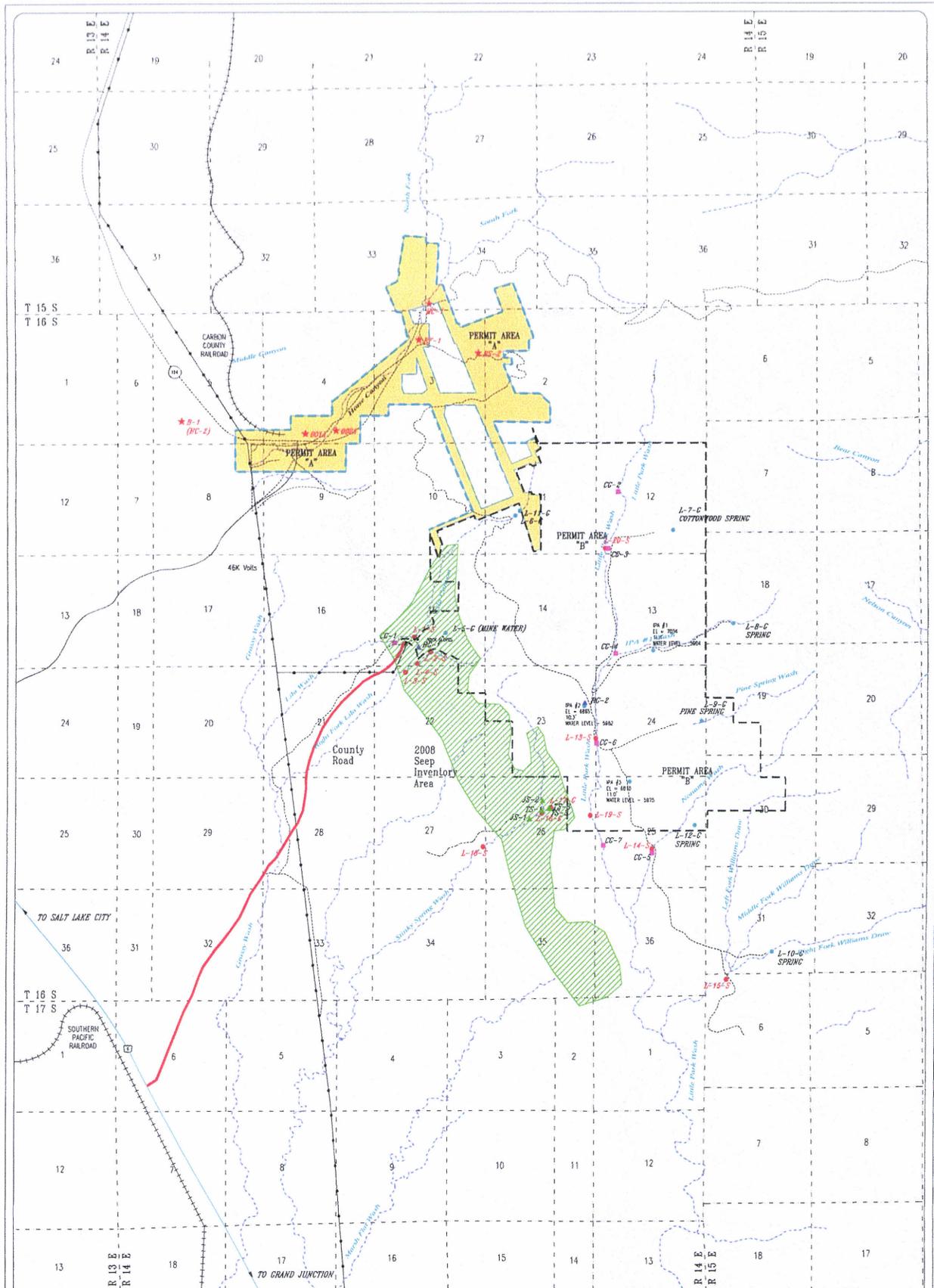
Date	Duration	Depth (in)
1/3/2011	20 Min	0.01
1/6/2011	151 Min	0.05
1/7/2011	15 Min	0.01
2/10/2011	18 Min	0.01
2/19/2011	46 Min	0.14
2/26/2011	21 Min	0.01
3/7/2011	14 Hrs	0.01
3/24/2011	18 Hrs	0.06
3/25/2011	6 Min	0.02
3/27/2011	383 Min	0.22
3/28/2011	593 Min	0.14
4/3/2011	7 Min	0.01
4/8/2011	33 Min	0.1
4/10/2011	38 Min	0.19
4/18/2011	32 Min	0.12
4/19/2011	102 Min	0.08
4/21/2011	6 Hrs	0.11
4/23/2011	9 Min	0.01
4/24/2011	14 Hrs	0.38
4/25/2011	30 Min	0.04
4/26/2011	20 Min	0.01
5/9/2011	15.8 Hrs	0.9
5/10/2011	9 Hrs	0.12
5/17/2011	12.5 Hrs	0.21
5/18/2011	20.7 Hrs	0.7
5/19/2011	22.7 Hrs	0.31
5/20/2011	12 Hrs	0.31
5/22/2011	3.3 Hrs	0.17
5/23/2011	47 Min	0.16
6/16/2011	17 Min	0.02
6/29/2011	6.5 Hrs	0.13
6/30/2011	8 Hrs	0.33
7/4/2011	2 min	0.02
7/7/2011	1 Min	0.01
7/8/2011	33 Min	0.16
7/10/2011	13.5 Hrs	0.12
7/11/2011	49 Min	0.02
7/12/2011	3.1 Hrs	0.36

Table 5

Lila Canyon Raingauge Data

Upper Site 2011

Date	Duration	Depth (in)
7/13/2011	6.1 Hrs	0.18
7/17/2011	20 Min	0.03
7/18/2011	18.8 Hrs	0.51
7/19/2011	14 Min	0.13
7/25/2011	12 Min	0.01
7/26/2011	23 Hrs	0.17
7/27/2011	19 Hrs	0.33
7/31/2011	1.1 Hrs	0.6
8/3/2011	15.5 Hrs	0.31
8/4/2011	1 Min	0.02
9/5/2011	68 Min	0.06
9/6/2011	61 Min	0.01
9/15/2011	53 Min	0.27
9/17/2011	3 Min	0.01
10/5/2011	3.1 Hrs	0.03
10/6/2011	17.7 Hrs	0.09
10/8/2011	1 Min	0.02



LEGEND:

PERMIT AREA "B" (LILA CANYON) ■

PERMIT AREA "A" ■

WATER MONITORING:

- HOSE CANYON MONITORING: ★
- LILA CANYON SURFACE MONITORING: ●
- LILA CANYON GROUNDWATER MONITORING: ●
- LILA CANYON CREST GAUGE MONITORING: ■
- LILA CANYON SEEP LOCATIONS: ▲
- LILA CANYON PUMP GAUGE LOCATIONS: ▲

REVISION DATE:

DATE	BY	REASON
July 2009	HC	ISSUE
November 1999	BK	August 2008
March 2008	BK	
August 2007	SI	
December 2005	SI	
July 2001	SI	
September 2002	KAM	
November 2005	LS	



LILA CANYON MINE

WATER MONITORING LOCATIONS

DATE: MAY 1998 DRAWN BY: BLACKHAWK ENG.

SCALE: AS SHOWN SHEET # 1

ATTACHMENT A

Quarterly Data Summary for Upper and Lower Rain Gauges

Lower Gauge Data

Series	Event (2010)
Logger Info	Information specific to the logger
Model	HOBO Event (C) 1996 ONSET Computer Corp
Serial Number	11370
Memory Size (Bytes)	32768
Extra Info	Information used by tech support
Model Number	7
Version Number	4
Deployment	20
Series Info	Information about the data in the series
Points Used	382
First Point	11/09/10 16:05:49.0
Last Point	04/20/11 15:37:31.0
Duration	161 Days 22:31:42.0
Stats	Calculated from the series
Wrap Count	0
Event Sum	381.00
Launch Parameters	Mirrors the launch dialog settings
Description	1st qtr lower 11
Wrap	Off
Delay Start	Off
Stealth Mode	Off
Event Name	2010
Event Value	1.00
Lockout After Event	00:00:01.0

Date/Time	Event (2010)		
11/09/10 16:05:49.0	0	Initial Reading	
11/21/10 13:15:40.0	1		
11/21/10 14:22:19.5	2		
11/21/10 14:25:12.5	3		
11/21/10 14:33:47.0	4		
11/21/10 14:42:17.0	5		
11/21/10 14:56:55.0	6		
11/21/10 15:13:04.0	7		
11/21/10 15:52:19.5	8		
11/21/10 16:16:40.5	9	0.09	3:01
11/22/10 10:39:09.0	10		
11/22/10 12:29:27.5	11	0.02	1:50
11/28/10 11:15:32.0	12		
11/28/10 11:18:22.5	13	0.02	0:02
12/18/10 11:19:57.0	14		
12/18/10 13:43:38.5	15		
12/18/10 13:50:06.5	16		

12/18/10 13:57:30.0	17		
12/18/10 14:18:17.0	18		
12/18/10 14:38:41.0	19	0.06	3:18
12/19/10 06:02:22.0	20		
12/19/10 06:17:51.0	21		
12/19/10 06:30:35.0	22		
12/19/10 06:39:54.0	23		
12/19/10 06:46:17.5	24		
12/19/10 06:53:56.0	25		
12/19/10 07:01:46.0	26		
12/19/10 07:08:07.5	27		
12/19/10 07:17:41.0	28		
12/19/10 07:25:20.5	29		
12/19/10 07:33:01.5	30		
12/19/10 07:42:44.0	31		
12/19/10 07:53:08.5	32		
12/19/10 07:58:27.0	33		
12/19/10 08:04:55.5	34		
12/19/10 08:15:17.5	35		
12/19/10 08:31:09.0	36		
12/19/10 08:50:01.0	37	0.18	2:47
12/20/10 08:43:28.0	38		
12/20/10 10:23:01.0	39		
12/20/10 10:45:58.5	40		
12/20/10 11:09:32.5	41		
12/20/10 11:46:51.0	42		
12/20/10 12:12:07.0	43		
12/20/10 12:42:47.0	44		
12/20/10 13:01:35.5	45		
12/20/10 13:12:02.5	46		
12/20/10 13:19:31.0	47		
12/20/10 13:30:01.0	48		
12/20/10 13:41:21.0	49		
12/20/10 13:55:07.5	50		
12/20/10 14:18:24.5	51		
12/20/10 14:38:09.5	52		
12/20/10 15:24:45.5	53		
12/20/10 16:30:49.5	54		
12/20/10 16:52:39.0	55		
12/20/10 17:02:01.0	56		
12/20/10 17:11:31.0	57		
12/20/10 17:25:09.5	58		
12/20/10 17:33:01.0	59		
12/20/10 17:42:01.0	60		

12/20/10 17:49:03.0	61		
12/20/10 17:58:48.0	62		
12/20/10 18:05:17.0	63		
12/20/10 18:13:07.5	64		
12/20/10 18:19:32.0	65		
12/20/10 18:25:57.0	66		
12/20/10 18:32:22.5	67		
12/20/10 18:39:27.0	68		
12/20/10 18:45:44.0	69		
12/20/10 18:55:28.0	70		
12/20/10 19:00:42.5	71		
12/20/10 19:06:38.0	72		
12/20/10 19:10:44.0	73		
12/20/10 19:18:08.5	74		
12/20/10 19:23:45.5	75		
12/20/10 19:34:55.5	76		
12/20/10 19:46:38.5	77		
12/20/10 19:58:09.5	78		
12/20/10 20:09:29.0	79		
12/20/10 20:22:20.0	80		
12/20/10 20:35:34.0	81		
12/20/10 21:02:33.0	82		
12/20/10 21:10:41.5	83		
12/20/10 21:20:16.5	84		
12/20/10 21:34:20.5	85		
12/20/10 21:41:26.5	86		
12/20/10 21:47:41.5	87		
12/20/10 21:54:45.5	88		
12/20/10 22:00:21.0	89		
12/20/10 22:07:30.0	90		
12/20/10 22:17:04.0	91		
12/20/10 22:31:00.0	92		
12/20/10 22:43:33.0	93		
12/20/10 22:59:22.0	94		
12/20/10 23:11:05.5	95		
12/20/10 23:24:24.5	96		
12/20/10 23:33:08.0	97		
12/20/10 23:42:55.5	98		
12/20/10 23:51:16.0	99	0.62	15:07
12/21/10 00:02:01.5	100		
12/21/10 00:10:42.5	101		
12/21/10 00:19:27.0	102		
12/21/10 00:25:15.0	103		
12/21/10 00:31:22.0	104		

12/21/10 00:38:49.5	105		
12/21/10 00:46:20.0	106		
12/21/10 00:50:57.5	107		
12/21/10 00:57:33.5	108		
12/21/10 01:03:47.5	109		
12/21/10 01:11:13.0	110		
12/21/10 01:20:43.0	111		
12/21/10 01:31:34.5	112		
12/21/10 01:42:31.0	113		
12/21/10 01:56:37.0	114		
12/21/10 02:09:52.5	115		
12/21/10 02:43:15.0	116		
12/21/10 14:56:43.0	117		
12/21/10 17:19:05.0	118		
12/21/10 17:59:00.0	119		
12/21/10 19:28:32.0	120		
12/21/10 19:31:49.0	121		
12/21/10 19:38:09.0	122		
12/21/10 21:15:34.0	123		
12/21/10 21:40:19.0	124	0.25	21:38
12/22/10 05:25:58.5	125		
12/22/10 07:07:29.0	126		
12/22/10 07:33:30.0	127		
12/22/10 07:59:32.5	128		
12/22/10 08:22:59.0	129		
12/22/10 08:34:04.0	130		
12/22/10 08:48:41.5	131		
12/22/10 10:21:18.0	132		
12/22/10 11:21:18.0	133		
12/22/10 17:14:25.0	134		
12/22/10 17:44:48.0	135		
12/22/10 17:54:46.0	136		
12/22/10 19:07:26.0	137		
12/22/10 19:41:44.0	138		
12/22/10 19:48:51.5	139		
12/22/10 19:53:55.0	140		
12/22/10 20:01:08.0	141		
12/22/10 20:07:20.5	142		
12/22/10 20:15:13.5	143		
12/22/10 20:27:09.5	144		
12/22/10 20:38:16.0	145		
12/22/10 20:46:32.5	146		
12/22/10 21:04:00.5	147		
12/22/10 21:32:38.0	148		

12/22/10 21:49:43.0	149		
12/22/10 22:11:47.0	150		
12/22/10 22:17:13.5	151		
12/22/10 22:26:13.5	152		
12/22/10 22:33:48.0	153		
12/22/10 22:39:56.0	154		
12/22/10 22:45:15.0	155		
12/22/10 22:49:50.5	156		
12/22/10 22:54:02.5	157		
12/22/10 22:58:56.0	158		
12/22/10 23:02:37.5	159		
12/22/10 23:06:42.5	160		
12/22/10 23:10:25.0	161		
12/22/10 23:14:04.0	162		
12/22/10 23:17:23.0	163		
12/22/10 23:21:45.5	164		
12/22/10 23:25:42.0	165		
12/22/10 23:30:58.5	166		
12/22/10 23:34:30.0	167		
12/22/10 23:40:09.5	168		
12/22/10 23:45:31.5	169		
12/22/10 23:55:28.0	170	0.46	18:29
12/23/10 00:53:00.5	171		
12/23/10 02:11:53.0	172		
12/23/10 05:08:37.5	173		
12/23/10 05:15:31.0	174		
12/23/10 05:19:20.5	175		
12/23/10 05:27:33.5	176		
12/23/10 05:43:23.0	177		
12/23/10 05:52:29.0	178		
12/23/10 06:01:12.0	179		
12/23/10 06:31:47.0	180		
12/23/10 06:36:45.0	181		
12/23/10 06:46:44.0	182	0.12	5:53
12/26/10 12:10:16.0	183		
12/26/10 12:50:46.5	184		
12/26/10 14:38:09.5	185		
12/26/10 14:40:27.5	186		
12/26/10 14:42:45.5	187		
12/26/10 14:46:03.5	188		
12/26/10 14:49:30.0	189		
12/26/10 14:54:44.0	190		
12/26/10 15:01:37.5	191		
12/26/10 22:49:30.5	192	0.1	10:39

12/29/10 11:31:37.0	193	0.01	2:12
01/06/11 13:44:26.5	194		
01/06/11 14:01:59.0	195		
01/06/11 14:06:46.5	196		
01/06/11 14:15:59.5	197		
01/06/11 14:33:54.0	198		
01/06/11 14:49:50.5	199		
01/06/11 15:18:52.5	200		
01/06/11 15:40:35.0	201		
01/06/11 15:58:16.0	202		
01/06/11 16:18:43.0	203	0.1	2:34
01/07/11 11:45:26.0	204		
01/07/11 11:52:38.0	205		
01/07/11 11:59:26.5	206		
01/07/11 12:04:41.5	207		
01/07/11 12:14:52.5	208		
01/07/11 12:27:24.5	209		
01/07/11 12:39:25.5	210		
01/07/11 12:49:15.5	211		
01/07/11 13:00:16.5	212		
01/07/11 13:48:08.5	213		
01/07/11 13:56:10.0	214		
01/07/11 14:01:21.5	215		
01/07/11 14:10:03.0	216		
01/07/11 14:17:18.5	217		
01/07/11 14:41:49.0	218		
01/07/11 14:48:22.0	219		
01/07/11 14:56:35.5	220		
01/07/11 15:02:35.5	221		
01/07/11 15:11:25.5	222		
01/07/11 15:19:15.0	223		
01/07/11 15:35:39.5	224	0.21	3:50
01/08/11 10:36:55.0	225		
01/08/11 11:49:30.0	226	0.02	1:12
02/08/11 12:41:41.0	227		
02/08/11 12:46:47.5	228		
02/08/11 12:53:04.0	229	0.03	0:11
02/19/11 09:29:05.0	230		
02/19/11 09:32:31.5	231		
02/19/11 09:33:27.5	232		
02/19/11 09:34:18.5	233		
02/19/11 09:35:24.5	234		
02/19/11 09:36:28.0	235		
02/19/11 09:37:52.5	236		

02/19/11 09:39:03.5	237		
02/19/11 09:40:25.0	238		
02/19/11 09:41:45.0	239		
02/19/11 09:43:18.0	240		
02/19/11 09:44:33.5	241		
02/19/11 09:46:18.5	242		
02/19/11 09:48:11.0	243		
02/19/11 09:50:20.0	244		
02/19/11 09:52:34.5	245		
02/19/11 09:55:24.5	246		
02/19/11 09:59:25.0	247		
02/19/11 10:03:02.0	248		
02/19/11 10:06:35.5	249		
02/19/11 10:13:14.5	250		
02/19/11 10:41:00.5	251		
02/19/11 15:09:27.5	252		
02/19/11 15:16:35.0	253		
02/19/11 15:24:58.0	254		
02/19/11 15:30:01.0	255		
02/19/11 15:34:02.0	256		
02/19/11 15:39:27.0	257		
02/19/11 15:45:25.0	258		
02/19/11 15:48:27.5	259		
02/19/11 15:53:07.5	260		
02/19/11 15:58:10.0	261		
02/19/11 16:10:27.0	262		
02/19/11 16:17:06.0	263		
02/19/11 16:53:23.5	264		
02/19/11 16:55:33.5	265		
02/19/11 16:58:39.5	266		
02/19/11 17:02:01.0	267		
02/19/11 17:08:48.0	268		
02/19/11 17:13:23.0	269		
02/19/11 17:19:58.5	270		
02/19/11 17:26:25.0	271		
02/19/11 17:31:58.0	272		
02/19/11 17:35:43.0	273		
02/19/11 17:43:13.0	274		
02/19/11 17:51:27.0	275		
02/19/11 18:06:22.5	276		
02/19/11 18:26:25.5	277	0.48	8:57
03/03/11 10:50:47.0	278		
03/03/11 10:53:27.0	279		
03/03/11 10:57:23.5	280		

03/03/11 11:01:06.5	281		
03/03/11 11:06:29.0	282		
03/03/11 11:11:49.0	283		
03/03/11 11:19:28.0	284		
03/03/11 11:24:33.0	285		
03/03/11 11:27:52.5	286		
03/03/11 11:33:58.5	287	0.1	0:43
03/07/11 13:02:10.5	288		
03/07/11 18:55:13.5	289		
03/07/11 19:11:07.5	290		
03/07/11 19:19:16.5	291		
03/07/11 19:30:09.5	292		
03/07/11 19:42:19.0	293		
03/07/11 19:54:26.5	294		
03/07/11 20:02:34.0	295		
03/07/11 20:14:35.5	296		
03/07/11 20:21:37.5	297	0.1	7:19
03/08/11 10:12:10.0	298		
03/08/11 10:15:12.0	299		
03/08/11 10:19:32.0	300		
03/08/11 10:23:00.5	301		
03/08/11 10:33:19.0	302		
03/08/11 10:41:12.5	303		
03/08/11 10:48:42.5	304		
03/08/11 10:57:07.0	305		
03/08/11 11:10:24.0	306		
03/08/11 11:28:27.0	307	0.1	1:16
03/24/11 11:22:14.5	308		
03/24/11 12:46:13.5	309	0.02	1:23
03/27/11 10:43:53.0	310		
03/27/11 10:44:38.0	311		
03/27/11 10:45:22.5	312		
03/27/11 10:46:04.0	313		
03/27/11 10:46:53.0	314		
03/27/11 10:47:40.0	315		
03/27/11 10:48:37.5	316		
03/27/11 10:49:27.5	317		
03/27/11 10:50:38.5	318		
03/27/11 10:51:35.5	319		
03/27/11 10:53:02.5	320		
03/27/11 10:54:15.0	321		
03/27/11 10:55:58.0	322		
03/27/11 10:57:12.0	323		
03/27/11 10:59:21.5	324		

03/27/11 11:01:18.0	325		
03/27/11 11:04:00.5	326		
03/27/11 11:05:38.5	327	0.18	0:21
03/28/11 00:38:12.0	328		
03/28/11 01:15:35.5	329		
03/28/11 01:20:42.5	330		
03/28/11 01:24:07.0	331		
03/28/11 01:26:59.0	332		
03/28/11 01:30:27.0	333		
03/28/11 01:33:50.5	334		
03/28/11 01:38:37.5	335		
03/28/11 01:48:31.0	336		
03/28/11 01:54:20.5	337		
03/28/11 02:01:21.5	338		
03/28/11 02:08:03.5	339		
03/28/11 02:14:14.0	340		
03/28/11 02:21:30.5	341	0.14	1:43
04/08/11 13:05:02.5	342		
04/08/11 13:11:06.0	343		
04/08/11 13:21:10.0	344		
04/08/11 13:26:24.5	345		
04/08/11 13:34:40.0	346		
04/08/11 13:47:16.5	347		
04/08/11 13:52:18.0	348		
04/08/11 14:21:09.5	349	0.08	1:16
04/10/11 09:32:43.5	350		
04/10/11 09:34:43.5	351		
04/10/11 09:37:21.5	352		
04/10/11 09:39:28.0	353		
04/10/11 09:43:02.5	354		
04/10/11 09:46:41.5	355		
04/10/11 09:50:06.0	356		
04/10/11 09:53:05.5	357		
04/10/11 10:01:10.0	358	0.09	0:28
04/18/11 17:32:21.5	359		
04/18/11 17:33:46.0	360		
04/18/11 17:35:12.0	361		
04/18/11 17:36:28.5	362		
04/18/11 17:37:22.5	363		
04/18/11 17:39:02.0	364		
04/18/11 17:40:39.5	365		
04/18/11 17:42:33.0	366		
04/18/11 17:43:46.0	367		
04/18/11 17:45:08.0	368		

04/18/11 17:49:46.5	369		
04/18/11 18:03:36.5	370	0.12	0:31
04/19/11 06:43:13.5	371		
04/19/11 06:45:51.0	372		
04/19/11 06:47:41.0	373		
04/19/11 06:50:14.0	374		
04/19/11 06:52:02.5	375		
04/19/11 06:54:17.5	376		
04/19/11 06:57:55.0	377		
04/19/11 08:19:56.5	378	0.08	1:36
04/20/11 15:37:12.5	379		
04/20/11 15:37:21.0	380		
04/20/11 15:37:23.5	381	Last three readings from data collection	

Series	Event (2010)
Logger Info	Information specific to the logger
Model	HOBO Event (C) 1996 ONSET Computer Corp
Serial Number	11370
Memory Size (Bytes)	32768
Extra Info	Information used by tech support
Model Number	7
Version Number	4
Deployment	21
Series Info	Information about the data in the series
Points Used	751
First Point	04/20/11 15:34:12.0
Last Point	08/18/11 12:13:03.0
Duration	119 Days 20:38:51.0
Stats	Calculated from the series
Wrap Count	0
Event Sum	751.00
Launch Parameters	Mirrors the launch dialog settings
Description	2nd qtr lower 11
Wrap	Off
Delay Start	Off
Stealth Mode	Off
Event Name	2010
Event Value	1.00
Lockout After Event	00:00:01.0

Date/Time	Event (2010)		
04/20/11 15:34:12.0	0	Initial Reading	
04/20/11 15:34:15.5	1		
04/21/11 01:13:57.0	2		
04/21/11 01:21:03.0	3		
04/21/11 01:25:10.5	4		
04/21/11 01:29:42.5	5		
04/21/11 01:34:07.0	6		
04/21/11 01:40:19.5	7		
04/21/11 01:42:54.5	8		
04/21/11 01:47:29.5	9	0.09	0:33
04/24/11 07:59:34.0	10		
04/24/11 08:22:30.0	11		
04/24/11 08:32:19.5	12		
04/24/11 08:38:18.5	13		
04/24/11 08:43:57.5	14		
04/24/11 08:51:56.0	15		

04/24/11 08:57:23.5	16
04/24/11 09:02:30.0	17
04/24/11 09:04:56.5	18
04/24/11 09:07:18.0	19
04/24/11 09:08:54.0	20
04/24/11 09:10:45.5	21
04/24/11 09:12:12.5	22
04/24/11 09:14:08.5	23
04/24/11 09:15:47.0	24
04/24/11 09:17:54.5	25
04/24/11 09:19:13.5	26
04/24/11 09:20:39.5	27
04/24/11 09:22:00.0	28
04/24/11 09:23:30.5	29
04/24/11 09:25:15.5	30
04/24/11 09:27:14.0	31
04/24/11 09:28:53.5	32
04/24/11 09:31:04.5	33
04/24/11 09:33:13.0	34
04/24/11 09:35:30.5	35
04/24/11 09:37:44.5	36
04/24/11 09:40:53.0	37
04/24/11 09:43:28.5	38
04/24/11 09:49:09.5	39
04/24/11 09:54:40.0	40
04/24/11 10:00:10.5	41
04/24/11 10:03:46.5	42
04/24/11 10:08:05.5	43
04/24/11 10:13:42.0	44
04/24/11 12:29:31.0	45
04/24/11 19:37:59.0	46
04/24/11 19:42:25.5	47
04/24/11 19:44:14.5	48
04/24/11 19:45:58.0	49
04/24/11 19:47:32.5	50
04/24/11 21:41:40.5	51
04/24/11 21:43:16.0	52
04/24/11 21:44:59.5	53
04/24/11 21:47:08.0	54
04/24/11 21:48:23.0	55
04/24/11 21:49:31.0	56
04/24/11 21:51:03.5	57
04/24/11 21:52:25.5	58
04/24/11 21:55:16.5	59
04/24/11 21:58:13.0	60

04/24/11 22:02:03.5	61		
04/24/11 22:05:27.5	62		
04/24/11 22:09:34.0	63		
04/24/11 22:12:33.5	64		
04/24/11 22:17:09.5	65		
04/24/11 22:21:05.0	66		
04/24/11 22:26:40.5	67		
04/24/11 22:50:37.5	68	0.59	14:51
04/25/11 20:07:02.0	69		
04/25/11 20:09:14.0	70		
04/25/11 20:24:40.5	71	0.03	0:17
05/09/11 03:33:52.5	72		
05/09/11 04:21:43.5	73		
05/09/11 04:24:25.0	74		
05/09/11 04:32:19.0	75		
05/09/11 05:21:39.0	76		
05/09/11 05:48:20.5	77		
05/09/11 05:48:57.5	78		
05/09/11 05:49:41.0	79		
05/09/11 05:50:25.0	80		
05/09/11 05:51:51.5	81		
05/09/11 05:55:43.5	82		
05/09/11 06:18:40.0	83		
05/09/11 06:21:09.5	84		
05/09/11 06:50:24.0	85		
05/09/11 06:52:16.5	86		
05/09/11 06:52:41.5	87		
05/09/11 06:53:09.5	88		
05/09/11 06:53:43.5	89		
05/09/11 06:54:44.0	90		
05/09/11 06:57:33.0	91		
05/09/11 07:11:27.5	92		
05/09/11 07:12:58.5	93		
05/09/11 07:14:12.0	94		
05/09/11 07:15:19.5	95		
05/09/11 07:16:30.0	96		
05/09/11 07:18:16.0	97		
05/09/11 07:19:47.5	98		
05/09/11 07:22:20.0	99		
05/09/11 07:24:06.5	100		
05/09/11 07:25:20.0	101		
05/09/11 07:27:06.5	102		
05/09/11 07:29:22.5	103		
05/09/11 07:32:20.0	104		
05/09/11 07:35:29.5	105		

05/09/11 07:37:19.5	106		
05/09/11 07:40:07.0	107		
05/09/11 07:42:15.5	108		
05/09/11 07:44:34.5	109		
05/09/11 07:47:18.5	110		
05/09/11 07:50:10.0	111		
05/09/11 07:51:02.0	112		
05/09/11 07:51:55.0	113		
05/09/11 07:53:44.0	114		
05/09/11 07:55:49.5	115		
05/09/11 07:57:13.0	116		
05/09/11 07:59:09.5	117		
05/09/11 08:01:09.0	118		
05/09/11 08:03:24.0	119		
05/09/11 08:05:23.0	120		
05/09/11 08:07:15.5	121		
05/09/11 08:08:38.0	122		
05/09/11 08:09:57.5	123		
05/09/11 08:10:57.5	124		
05/09/11 08:12:29.0	125		
05/09/11 08:14:04.0	126		
05/09/11 08:16:05.0	127		
05/09/11 08:18:40.0	128		
05/09/11 08:21:03.5	129		
05/09/11 08:22:18.0	130		
05/09/11 08:23:28.0	131		
05/09/11 08:24:43.0	132		
05/09/11 08:26:49.5	133		
05/09/11 08:28:32.0	134		
05/09/11 08:31:10.0	135		
05/09/11 11:48:13.5	136		
05/09/11 12:06:28.0	137		
05/09/11 12:31:12.5	138		
05/09/11 12:49:19.5	139		
05/09/11 12:52:47.5	140		
05/09/11 14:15:28.5	141		
05/09/11 18:30:40.5	142		
05/09/11 18:57:40.5	143		
05/09/11 19:01:20.5	144		
05/09/11 19:09:19.5	145	0.74	15:35
05/10/11 06:34:30.0	146		
05/10/11 07:14:27.0	147		
05/10/11 07:19:34.5	148		
05/10/11 13:41:46.5	149		
05/10/11 16:25:03.5	150	0.05	9:50

05/17/11 02:30:05.5	151		
05/17/11 02:38:13.0	152		
05/17/11 02:48:33.0	153		
05/17/11 03:06:35.0	154		
05/17/11 04:01:46.0	155		
05/17/11 04:37:41.5	156		
05/17/11 04:55:15.5	157		
05/17/11 05:05:54.0	158		
05/17/11 05:15:15.5	159		
05/17/11 05:24:09.5	160		
05/17/11 05:42:58.0	161		
05/17/11 06:04:47.5	162		
05/17/11 14:38:50.0	163		
05/17/11 14:47:34.5	164		
05/17/11 14:51:08.0	165	0.15	12:21
05/18/11 03:18:40.0	166		
05/18/11 03:27:56.5	167		
05/18/11 03:36:05.5	168		
05/18/11 03:42:22.5	169		
05/18/11 03:45:47.5	170		
05/18/11 03:50:11.0	171		
05/18/11 03:53:23.0	172		
05/18/11 03:56:35.0	173		
05/18/11 03:59:01.5	174		
05/18/11 04:02:36.0	175		
05/18/11 04:05:17.5	176		
05/18/11 04:10:48.5	177		
05/18/11 04:24:20.0	178		
05/18/11 04:59:27.0	179		
05/18/11 05:11:13.0	180		
05/18/11 05:44:46.5	181		
05/18/11 05:54:05.5	182		
05/18/11 06:02:53.5	183		
05/18/11 06:10:57.5	184		
05/18/11 06:32:42.0	185		
05/18/11 06:37:47.0	186		
05/18/11 06:42:55.5	187		
05/18/11 06:47:32.0	188		
05/18/11 07:01:51.0	189		
05/18/11 07:13:36.5	190		
05/18/11 07:54:51.5	191		
05/18/11 08:03:56.5	192		
05/18/11 08:10:08.0	193		
05/18/11 08:14:05.0	194		
05/18/11 08:20:33.5	195		

05/18/11 08:26:12.5	196		
05/18/11 08:32:41.5	197		
05/18/11 08:36:40.0	198		
05/18/11 08:40:30.0	199		
05/18/11 08:43:53.0	200		
05/18/11 08:48:17.5	201		
05/18/11 08:52:04.0	202		
05/18/11 08:58:01.5	203		
05/18/11 09:01:25.0	204		
05/18/11 09:06:19.0	205		
05/18/11 09:11:11.5	206		
05/18/11 09:15:57.0	207		
05/18/11 09:19:26.5	208		
05/18/11 09:26:10.0	209		
05/18/11 09:31:15.0	210		
05/18/11 09:34:43.5	211		
05/18/11 09:37:32.0	212		
05/18/11 09:40:37.5	213		
05/18/11 09:43:25.0	214		
05/18/11 09:48:48.0	215		
05/18/11 09:53:47.0	216		
05/18/11 10:03:39.5	217		
05/18/11 10:11:28.5	218		
05/18/11 10:14:19.0	219		
05/18/11 10:17:19.5	220		
05/18/11 10:20:01.5	221		
05/18/11 10:22:13.5	222		
05/18/11 10:25:18.0	223		
05/18/11 10:28:25.5	224		
05/18/11 10:31:56.5	225		
05/18/11 10:35:38.5	226		
05/18/11 10:41:37.5	227		
05/18/11 10:45:25.5	228		
05/18/11 10:49:06.5	229		
05/18/11 10:53:58.0	230		
05/18/11 11:02:15.5	231		
05/18/11 11:15:24.0	232		
05/18/11 11:36:00.5	233		
05/18/11 11:44:21.0	234		
05/18/11 11:55:58.0	235		
05/18/11 12:07:10.5	236		
05/18/11 23:13:21.0	237		
05/18/11 23:21:58.0	238		
05/18/11 23:35:45.0	239	0.74	20:17
05/19/11 00:04:08.5	240		

05/19/11 01:21:21.5	241
05/19/11 01:32:22.0	242
05/19/11 01:42:20.0	243
05/19/11 01:48:14.0	244
05/19/11 02:02:32.5	245
05/19/11 02:19:00.0	246
05/19/11 02:27:56.0	247
05/19/11 02:35:20.0	248
05/19/11 02:48:43.5	249
05/19/11 02:59:29.5	250
05/19/11 04:26:40.0	251
05/19/11 05:08:32.5	252
05/19/11 05:17:47.0	253
05/19/11 11:10:22.0	254
05/19/11 11:12:35.0	255
05/19/11 11:17:14.5	256
05/19/11 11:30:13.0	257
05/19/11 11:55:27.5	258
05/19/11 12:04:20.5	259
05/19/11 12:41:41.0	260
05/19/11 12:57:24.5	261
05/19/11 13:03:29.5	262
05/19/11 13:07:34.5	263
05/19/11 13:11:21.0	264
05/19/11 13:17:40.0	265
05/19/11 13:20:12.0	266
05/19/11 13:26:17.0	267
05/19/11 13:27:55.0	268
05/19/11 13:29:22.5	269
05/19/11 13:33:06.5	270
05/19/11 13:37:08.0	271
05/19/11 13:39:56.0	272
05/19/11 13:41:15.0	273
05/19/11 13:41:51.5	274
05/19/11 13:42:27.5	275
05/19/11 13:43:03.5	276
05/19/11 13:43:58.5	277
05/19/11 13:45:18.0	278
05/19/11 13:46:37.5	279
05/19/11 13:47:12.5	280
05/19/11 13:47:44.5	281
05/19/11 13:48:42.0	282
05/19/11 13:50:10.0	283
05/19/11 13:53:00.0	284
05/19/11 13:55:31.5	285

05/19/11 13:56:49.5	286		
05/19/11 13:58:09.5	287		
05/19/11 14:00:12.0	288		
05/19/11 14:02:23.5	289		
05/19/11 14:05:08.0	290		
05/19/11 14:08:27.0	291		
05/19/11 14:14:52.0	292		
05/19/11 15:27:54.0	293		
05/19/11 21:42:47.5	294		
05/19/11 23:54:00.0	295	0.56	23:49
05/20/11 00:04:41.0	296		
05/20/11 00:14:24.5	297		
05/20/11 00:27:26.0	298		
05/20/11 00:55:12.0	299		
05/20/11 01:32:17.0	300		
05/20/11 01:36:43.5	301		
05/20/11 01:46:01.5	302		
05/20/11 02:24:53.5	303		
05/20/11 02:41:16.5	304		
05/20/11 02:51:25.5	305		
05/20/11 02:58:30.0	306		
05/20/11 03:11:45.0	307		
05/20/11 03:37:01.0	308		
05/20/11 04:07:07.0	309		
05/20/11 04:18:52.0	310		
05/20/11 04:37:24.5	311		
05/20/11 04:51:28.0	312		
05/20/11 05:01:35.5	313		
05/20/11 05:10:35.5	314		
05/20/11 05:22:11.0	315		
05/20/11 05:30:03.0	316		
05/20/11 05:36:53.5	317		
05/20/11 05:43:51.5	318		
05/20/11 05:50:01.5	319		
05/20/11 05:57:27.5	320		
05/20/11 06:16:04.5	321		
05/20/11 07:23:22.5	322		
05/20/11 07:49:43.5	323		
05/20/11 13:16:32.5	324	0.29	13:11
05/22/11 16:21:19.0	325		
05/22/11 16:22:55.0	326		
05/22/11 16:23:52.0	327		
05/22/11 16:25:03.0	328		
05/22/11 16:33:33.5	329		
05/22/11 16:37:14.0	330		

05/22/11 16:42:28.0	331		
05/22/11 16:55:04.0	332		
05/22/11 18:12:23.0	333		
05/22/11 19:19:09.0	334		
05/22/11 19:28:27.5	335	0.11	3:07
05/23/11 13:18:53.0	336		
05/23/11 13:26:01.5	337		
05/23/11 13:27:09.5	338		
05/23/11 13:28:29.5	339		
05/23/11 13:29:14.5	340		
05/23/11 13:30:25.0	341		
05/23/11 13:32:17.0	342		
05/23/11 13:34:00.5	343		
05/23/11 13:45:38.5	344	0.09	0:26
06/16/11 12:31:32.5	345		
06/16/11 12:32:16.5	346		
06/16/11 12:58:08.5	347		
06/16/11 12:59:10.5	348		
06/16/11 12:59:43.0	349		
06/16/11 13:00:10.0	350		
06/16/11 13:00:50.0	351		
06/16/11 13:01:28.5	352		
06/16/11 13:02:31.5	353		
06/16/11 13:03:47.5	354		
06/16/11 14:02:07.5	355		
06/16/11 15:52:52.5	356	0.12	3:21
06/29/11 15:56:32.0	357		
06/29/11 22:16:58.5	358		
06/29/11 22:17:27.5	359		
06/29/11 22:17:44.0	360		
06/29/11 22:18:21.5	361		
06/29/11 22:19:16.0	362		
06/29/11 22:20:15.0	363		
06/29/11 22:20:45.0	364		
06/29/11 22:21:40.5	365		
06/29/11 22:22:12.0	366		
06/29/11 22:22:45.0	367		
06/29/11 22:23:11.0	368		
06/29/11 22:23:56.0	369		
06/29/11 22:24:27.0	370		
06/29/11 22:25:49.5	371		
06/29/11 22:47:05.5	372	0.16	6:50
06/30/11 05:37:19.5	373		
06/30/11 05:37:46.0	374		
06/30/11 05:38:03.5	375		

06/30/11 05:38:11.5	376		
06/30/11 05:38:18.0	377		
06/30/11 05:38:22.5	378		
06/30/11 05:38:27.5	379		
06/30/11 05:38:32.0	380		
06/30/11 05:38:39.0	381		
06/30/11 05:38:44.5	382		
06/30/11 05:38:49.5	383		
06/30/11 05:38:55.0	384		
06/30/11 05:39:01.0	385		
06/30/11 05:39:06.5	386		
06/30/11 05:39:17.5	387		
06/30/11 05:39:26.0	388		
06/30/11 05:39:35.0	389		
06/30/11 05:39:43.0	390		
06/30/11 05:39:55.0	391		
06/30/11 05:40:33.5	392		
06/30/11 05:42:29.0	393		
06/30/11 09:55:51.5	394		
06/30/11 10:03:52.0	395		
06/30/11 10:05:16.5	396		
06/30/11 10:06:11.0	397		
06/30/11 10:06:43.5	398		
06/30/11 10:07:14.5	399		
06/30/11 10:07:47.5	400		
06/30/11 10:08:13.5	401		
06/30/11 10:08:43.5	402		
06/30/11 10:09:31.0	403		
06/30/11 10:10:07.5	404		
06/30/11 10:10:54.0	405		
06/30/11 10:11:38.5	406		
06/30/11 10:12:14.5	407		
06/30/11 10:12:50.5	408		
06/30/11 10:13:46.5	409		
06/30/11 10:15:15.0	410		
06/30/11 10:17:28.5	411		
06/30/11 10:19:48.0	412		
06/30/11 10:24:04.0	413		
06/30/11 10:28:57.5	414	0.42	4:51
07/04/11 22:21:26.5	415		
07/04/11 22:22:03.0	416		
07/04/11 22:23:25.0	417		
07/04/11 22:40:55.0	418	0.04	0:19
07/08/11 16:45:16.5	419		
07/08/11 16:53:14.0	420	0.02	0:07

07/10/11 15:30:17.0	421		
07/10/11 15:32:22.0	422		
07/10/11 15:38:12.5	423		
07/10/11 15:39:26.5	424		
07/10/11 15:41:51.0	425		
07/10/11 15:49:47.5	426		
07/10/11 15:53:57.0	427		
07/10/11 15:54:58.5	428		
07/10/11 15:55:35.5	429		
07/10/11 15:56:02.0	430		
07/10/11 15:56:43.0	431		
07/10/11 15:57:13.0	432		
07/10/11 15:57:48.0	433		
07/10/11 15:58:19.0	434		
07/10/11 15:58:53.5	435		
07/10/11 15:59:15.5	436		
07/10/11 15:59:48.0	437		
07/10/11 16:00:18.5	438		
07/10/11 16:01:00.5	439		
07/10/11 16:01:59.5	440		
07/10/11 16:03:01.0	441		
07/10/11 16:03:46.0	442		
07/10/11 16:04:57.5	443		
07/10/11 16:05:56.5	444		
07/10/11 16:06:54.0	445		
07/10/11 16:07:30.5	446		
07/10/11 16:08:04.5	447		
07/10/11 16:08:27.0	448		
07/10/11 16:09:02.5	449		
07/10/11 16:09:29.5	450		
07/10/11 16:09:59.5	451		
07/10/11 16:10:30.0	452		
07/10/11 16:11:10.5	453		
07/10/11 16:11:39.5	454		
07/10/11 16:12:14.0	455		
07/10/11 16:12:47.0	456		
07/10/11 16:13:26.5	457		
07/10/11 16:13:59.5	458		
07/10/11 16:14:53.0	459		
07/10/11 16:16:36.0	460		
07/10/11 16:21:21.0	461		
07/10/11 16:26:27.0	462		
07/10/11 16:31:51.0	463		
07/10/11 17:25:55.0	464		
07/10/11 17:43:25.5	465	0.45	2:13

07/11/11 16:48:02.5	466	0.01	0:33
07/12/11 16:50:42.0	467		
07/12/11 16:51:00.0	468		
07/12/11 16:51:19.0	469		
07/12/11 16:51:32.5	470		
07/12/11 16:51:52.0	471		
07/12/11 16:52:07.5	472		
07/12/11 16:52:25.0	473		
07/12/11 16:52:37.0	474		
07/12/11 16:52:58.5	475		
07/12/11 16:53:26.0	476		
07/12/11 16:54:23.5	477		
07/12/11 16:56:38.5	478		
07/12/11 19:39:30.5	479	0.13	2:48
07/13/11 13:37:19.5	480		
07/13/11 19:18:08.5	481		
07/13/11 19:20:51.0	482		
07/13/11 20:49:26.0	483		
07/13/11 20:50:38.0	484		
07/13/11 20:53:07.5	485		
07/13/11 21:39:51.0	486	0.07	8:02
07/17/11 21:03:15.0	487		
07/17/11 21:06:54.5	488	0.02	0:03
07/18/11 22:11:50.0	489		
07/18/11 22:12:10.5	490		
07/18/11 22:12:28.0	491		
07/18/11 22:13:39.5	492		
07/18/11 22:14:11.5	493		
07/18/11 22:14:35.0	494		
07/18/11 22:14:54.0	495		
07/18/11 22:15:12.5	496		
07/18/11 22:15:32.0	497		
07/18/11 22:15:48.0	498		
07/18/11 22:16:29.5	499		
07/18/11 22:16:59.5	500		
07/18/11 22:17:28.0	501		
07/18/11 22:17:42.0	502		
07/18/11 22:18:07.0	503		
07/18/11 22:18:34.5	504		
07/18/11 22:19:16.0	505		
07/18/11 22:19:47.0	506		
07/18/11 22:20:22.5	507		
07/18/11 22:20:43.5	508		
07/18/11 22:21:02.0	509		
07/18/11 22:21:15.5	510		

07/18/11 22:21:36.0	511		
07/18/11 22:21:57.0	512		
07/18/11 22:22:21.5	513		
07/18/11 22:22:46.0	514		
07/18/11 22:23:16.5	515		
07/18/11 22:23:47.0	516		
07/18/11 22:24:22.5	517		
07/18/11 22:25:30.0	518		
07/18/11 22:26:41.0	519		
07/18/11 22:28:05.0	520		
07/18/11 22:30:15.5	521		
07/18/11 22:31:19.0	522		
07/18/11 22:32:56.5	523		
07/18/11 22:33:49.0	524		
07/18/11 22:34:35.0	525		
07/18/11 22:35:06.5	526		
07/18/11 22:36:15.0	527		
07/18/11 22:37:10.0	528		
07/18/11 22:38:34.0	529		
07/18/11 22:39:36.5	530		
07/18/11 22:40:56.5	531		
07/18/11 22:42:13.0	532		
07/18/11 22:43:51.0	533		
07/18/11 22:45:30.5	534		
07/18/11 22:49:38.5	535		
07/18/11 23:05:36.0	536	0.48	0:53
07/19/11 16:08:28.0	537		
07/19/11 16:09:23.5	538		
07/19/11 16:10:41.5	539		
07/19/11 16:12:07.0	540		
07/19/11 16:13:11.0	541		
07/19/11 16:14:16.5	542		
07/19/11 16:17:54.5	543	0.07	0:09
07/26/11 01:14:38.5	544		
07/26/11 01:47:45.0	545		
07/26/11 21:52:15.5	546		
07/26/11 21:52:47.5	547		
07/26/11 21:53:20.0	548		
07/26/11 21:54:17.5	549		
07/26/11 21:55:10.5	550		
07/26/11 21:55:37.0	551		
07/26/11 21:55:49.0	552		
07/26/11 21:56:01.0	553		
07/26/11 21:56:12.5	554		
07/26/11 21:56:42.5	555		

07/26/11 21:57:01.5	556		
07/26/11 21:57:24.0	557		
07/26/11 21:57:37.0	558		
07/26/11 21:57:50.5	559		
07/26/11 21:58:10.0	560		
07/26/11 21:58:30.0	561		
07/26/11 21:58:52.0	562		
07/26/11 21:59:22.0	563		
07/26/11 21:59:59.0	564		
07/26/11 22:00:21.5	565		
07/26/11 22:00:34.5	566		
07/26/11 22:00:54.0	567		
07/26/11 22:01:12.0	568		
07/26/11 22:01:37.0	569		
07/26/11 22:01:56.0	570		
07/26/11 22:02:21.0	571		
07/26/11 22:02:38.5	572		
07/26/11 22:03:08.5	573		
07/26/11 22:03:39.0	574		
07/26/11 22:04:10.0	575		
07/26/11 22:04:40.5	576		
07/26/11 22:05:39.5	577		
07/26/11 22:06:43.5	578		
07/26/11 22:08:09.5	579		
07/26/11 22:08:59.5	580		
07/26/11 22:09:34.5	581		
07/26/11 22:10:14.5	582		
07/26/11 22:11:17.5	583		
07/26/11 22:12:15.0	584		
07/26/11 22:13:16.0	585		
07/26/11 22:14:37.0	586		
07/26/11 22:17:01.5	587		
07/26/11 22:18:58.0	588		
07/26/11 22:21:21.5	589		
07/26/11 22:23:41.0	590		
07/26/11 22:25:34.5	591		
07/26/11 22:27:11.0	592		
07/26/11 22:29:36.0	593		
07/26/11 22:46:33.0	594		
07/26/11 23:28:00.5	595		
07/26/11 23:34:21.5	596		
07/26/11 23:41:10.5	597		
07/26/11 23:47:47.5	598		
07/26/11 23:52:34.0	599		
07/26/11 23:57:14.5	600	0.57	22:42

07/27/11 18:01:48.0	601
07/27/11 18:04:20.0	602
07/27/11 18:05:28.5	603
07/27/11 18:06:17.5	604
07/27/11 18:07:06.0	605
07/27/11 18:07:44.5	606
07/27/11 18:08:27.5	607
07/27/11 18:09:33.0	608
07/27/11 18:10:41.5	609
07/27/11 18:11:20.5	610
07/27/11 18:12:20.0	611
07/27/11 18:13:23.5	612
07/27/11 18:14:13.0	613
07/27/11 18:14:35.0	614
07/27/11 18:14:47.0	615
07/27/11 18:14:56.0	616
07/27/11 18:15:06.0	617
07/27/11 18:15:13.0	618
07/27/11 18:15:20.0	619
07/27/11 18:15:26.5	620
07/27/11 18:15:37.0	621
07/27/11 18:15:45.0	622
07/27/11 18:15:54.5	623
07/27/11 18:16:03.0	624
07/27/11 18:16:15.0	625
07/27/11 18:16:28.0	626
07/27/11 18:16:43.0	627
07/27/11 18:16:55.0	628
07/27/11 18:17:12.0	629
07/27/11 18:17:26.5	630
07/27/11 18:17:48.0	631
07/27/11 18:18:16.5	632
07/27/11 18:18:47.0	633
07/27/11 18:19:16.0	634
07/27/11 18:20:03.0	635
07/27/11 18:20:48.0	636
07/27/11 18:21:50.0	637
07/27/11 18:22:42.5	638
07/27/11 18:24:40.0	639
07/27/11 18:26:24.0	640
07/27/11 18:27:44.0	641
07/27/11 18:29:41.5	642
07/27/11 18:36:22.5	643
07/27/11 18:42:52.0	644
07/27/11 18:50:39.5	645

07/27/11 18:58:07.5	646	0.46	0:56
07/31/11 20:16:36.0	647		
07/31/11 20:17:17.0	648		
07/31/11 20:17:33.5	649		
07/31/11 20:17:44.0	650		
07/31/11 20:17:59.5	651		
07/31/11 20:18:11.0	652		
07/31/11 20:18:28.5	653		
07/31/11 20:18:42.5	654		
07/31/11 20:19:10.5	655		
07/31/11 20:19:24.5	656		
07/31/11 20:19:45.5	657		
07/31/11 20:20:01.0	658		
07/31/11 20:20:35.5	659		
07/31/11 20:20:56.5	660		
07/31/11 20:21:29.0	661		
07/31/11 20:22:00.5	662		
07/31/11 20:22:54.5	663		
07/31/11 20:23:46.5	664		
07/31/11 20:24:56.5	665		
07/31/11 20:25:31.0	666		
07/31/11 20:26:28.5	667		
07/31/11 20:27:09.5	668		
07/31/11 20:28:04.5	669		
07/31/11 20:29:22.5	670		
07/31/11 20:48:23.0	671		
07/31/11 20:49:03.0	672		
07/31/11 20:49:30.5	673		
07/31/11 20:49:54.5	674		
07/31/11 20:50:21.0	675		
07/31/11 20:50:47.5	676		
07/31/11 20:51:22.0	677		
07/31/11 20:51:38.0	678		
07/31/11 20:52:02.0	679		
07/31/11 20:52:18.5	680		
07/31/11 20:52:36.5	681		
07/31/11 20:52:52.0	682		
07/31/11 20:53:27.0	683		
07/31/11 20:54:12.5	684		
07/31/11 20:55:03.5	685		
07/31/11 20:55:38.0	686		
07/31/11 20:56:30.0	687		
07/31/11 20:57:22.5	688		
07/31/11 20:58:04.0	689		
07/31/11 20:58:28.5	690		

07/31/11 20:58:58.5	691		
07/31/11 20:59:18.5	692		
07/31/11 20:59:45.0	693		
07/31/11 21:00:12.0	694		
07/31/11 21:00:38.5	695		
07/31/11 21:01:09.0	696		
07/31/11 21:01:50.0	697		
07/31/11 21:02:23.0	698		
07/31/11 21:03:14.5	699		
07/31/11 21:04:00.5	700		
07/31/11 21:05:03.5	701		
07/31/11 21:05:45.0	702		
07/31/11 21:06:30.5	703		
07/31/11 21:07:16.5	704		
07/31/11 21:08:13.0	705		
07/31/11 21:09:00.0	706		
07/31/11 21:10:20.5	707		
07/31/11 21:12:05.5	708		
07/31/11 21:19:07.5	709	0.63	1:02
08/01/11 18:55:31.5	710		
08/01/11 18:56:25.0	711		
08/01/11 18:56:48.5	712		
08/01/11 18:57:22.0	713		
08/01/11 18:57:45.0	714		
08/01/11 18:58:16.5	715		
08/01/11 18:58:45.0	716		
08/01/11 18:59:16.0	717		
08/01/11 18:59:48.5	718		
08/01/11 19:00:24.5	719		
08/01/11 19:00:55.5	720		
08/01/11 19:01:40.5	721		
08/01/11 19:02:28.5	722		
08/01/11 19:03:17.0	723		
08/01/11 19:04:12.5	724	0.15	0:08
08/03/11 00:30:17.0	725		
08/03/11 00:31:43.5	726		
08/03/11 00:33:11.0	727		
08/03/11 00:34:30.5	728		
08/03/11 00:37:03.5	729		
08/03/11 00:37:48.5	730		
08/03/11 00:38:34.0	731		
08/03/11 00:39:14.0	732		
08/03/11 00:39:42.5	733		
08/03/11 00:39:59.5	734		
08/03/11 00:40:29.0	735		

08/03/11 00:41:49.0	736		
08/03/11 00:42:27.0	737		
08/03/11 00:43:59.5	738		
08/03/11 15:31:04.5	739		
08/03/11 15:36:07.5	740		
08/03/11 15:42:21.5	741		
08/03/11 15:46:36.0	742		
08/03/11 15:50:38.5	743		
08/03/11 15:54:38.0	744		
08/03/11 16:03:18.0	745		
08/03/11 16:09:47.5	746	0.22	15:39
08/15/11 05:37:41.0	747		
08/15/11 07:50:34.5	748		
08/15/11 07:51:29.0	749	0.03	2:13
08/18/11 12:12:44.5	750		

Series	Event (2011)
Logger Info	Information specific to the logger
Model	HOBO Event (C) 1996 ONSET Computer Corp
Serial Number	11370
Memory Size (Bytes)	32768
Extra Info	Information used by tech support
Model Number	7
Version Number	4
Deployment	22
Series Info	Information about the data in the series
Points Used	313
First Point	08/18/11 12:11:51.0
Last Point	10/13/11 14:39:29.5
Duration	56 Days 02:27:38.5
Stats	Calculated from the series
Wrap Count	0
Event Sum	313.00
Launch Parameters	Mirrors the launch dialog settings
Description	4th qtr lower 11
Wrap	Off
Delay Start	Off
Stealth Mode	Off
Event Name	2011
Event Value	1.00
Lockout After Event	00:00:01.0

Date/Time	Event (2011)		
08/18/11 12:11:51.0	0	Initial Reading	
08/18/11 12:11:54.5	1		
08/18/11 12:12:09.5	2	0.02	0:00
08/29/11 19:54:20.0	3		
08/29/11 19:54:56.0	4		
08/29/11 19:55:13.0	5		
08/29/11 19:55:29.5	6		
08/29/11 19:55:40.0	7		
08/29/11 19:55:53.5	8		
08/29/11 19:56:07.5	9		
08/29/11 19:56:27.0	10		
08/29/11 19:56:41.0	11		
08/29/11 19:57:01.5	12		
08/29/11 19:57:18.5	13		
08/29/11 19:58:24.5	14		
08/29/11 19:58:58.0	15		
08/29/11 19:59:22.5	16		
08/29/11 19:59:32.0	17		

08/29/11 19:59:42.0	18		
08/29/11 19:59:50.0	19		
08/29/11 19:59:59.0	20		
08/29/11 20:00:06.0	21		
08/29/11 20:00:14.0	22		
08/29/11 20:00:22.5	23		
08/29/11 20:00:32.5	24		
08/29/11 20:00:43.0	25		
08/29/11 20:00:56.5	26		
08/29/11 20:01:07.5	27		
08/29/11 20:01:18.5	28		
08/29/11 20:01:28.5	29		
08/29/11 20:01:48.5	30		
08/29/11 20:02:04.0	31		
08/29/11 20:02:19.5	32		
08/29/11 20:02:32.5	33		
08/29/11 20:02:48.5	34		
08/29/11 20:03:02.5	35		
08/29/11 20:03:33.0	36		
08/29/11 20:04:19.5	37	0.35	0:10
09/05/11 22:10:59.5	38		
09/05/11 22:25:52.0	39		
09/05/11 22:37:59.5	40		
09/05/11 22:55:50.5	41		
09/05/11 23:18:14.0	42	0.05	1:07
09/06/11 05:14:00.0	43		
09/06/11 15:02:40.5	44		
09/06/11 15:03:28.0	45		
09/06/11 15:04:24.0	46		
09/06/11 15:04:56.0	47		
09/06/11 15:05:40.5	48		
09/06/11 15:06:06.5	49		
09/06/11 15:06:38.5	50		
09/06/11 15:07:09.0	51		
09/06/11 15:07:55.5	52		
09/06/11 15:08:39.0	53		
09/06/11 15:09:30.0	54		
09/06/11 15:09:58.5	55		
09/06/11 15:10:38.0	56		
09/06/11 15:11:52.5	57		
09/06/11 15:13:54.0	58		
09/06/11 15:15:52.0	59		
09/06/11 15:19:09.0	60		
09/06/11 15:22:18.0	61		
09/06/11 15:25:33.0	62		

09/06/11 15:31:29.5	63	0.21	10:17
09/09/11 15:19:36.5	64		
09/09/11 15:21:49.5	65		
09/09/11 15:25:59.5	66		
09/09/11 15:30:42.5	67		
09/09/11 15:33:03.5	68		
09/09/11 15:35:07.0	69		
09/09/11 15:38:44.5	70		
09/09/11 20:16:13.0	71		
09/09/11 20:37:20.5	72		
09/09/11 20:44:18.5	73	0.1	5:24
09/11/11 19:33:42.0	74		
09/11/11 19:39:17.5	75		
09/11/11 19:48:20.5	76		
09/11/11 19:55:04.0	77		
09/11/11 20:07:48.0	78	0.05	0:34
09/14/11 16:46:12.0	79		
09/14/11 20:15:34.0	80	0.02	3:29
09/15/11 05:32:30.0	81		
09/15/11 05:45:33.5	82		
09/15/11 06:04:03.0	83		
09/15/11 06:25:48.5	84		
09/15/11 07:31:20.0	85		
09/15/11 08:30:11.0	86		
09/15/11 09:10:52.0	87		
09/15/11 19:11:34.5	88		
09/15/11 19:15:25.5	89		
09/15/11 19:26:14.5	90		
09/15/11 19:42:04.5	91		
09/15/11 19:47:34.0	92		
09/15/11 19:51:22.0	93		
09/15/11 19:57:19.5	94		
09/15/11 20:28:23.0	95	0.15	14:55
09/16/11 16:26:10.5	96		
09/16/11 16:27:26.0	97		
09/16/11 16:30:56.0	98		
09/16/11 16:35:15.0	99		
09/16/11 16:39:44.0	100		
09/16/11 16:42:37.5	101		
09/16/11 16:45:51.0	102		
09/16/11 16:48:10.0	103		
09/16/11 16:50:28.0	104		
09/16/11 16:52:20.0	105		
09/16/11 16:54:34.5	106		
09/16/11 16:57:24.5	107		

09/16/11 16:59:23.5	108		
09/16/11 17:00:55.0	109		
09/16/11 19:29:09.5	110		
09/16/11 19:36:52.0	111		
09/16/11 19:41:43.0	112		
09/16/11 19:46:01.0	113		
09/16/11 19:53:15.0	114		
09/16/11 20:00:00.0	115		
09/16/11 20:04:13.5	116		
09/16/11 20:07:32.0	117		
09/16/11 20:12:46.0	118		
09/16/11 20:16:18.0	119		
09/16/11 20:19:42.0	120		
09/16/11 20:22:44.5	121		
09/16/11 20:26:39.5	122		
09/16/11 20:34:09.0	123	0.28	4:07
09/17/11 03:23:02.5	124		
09/17/11 04:24:40.5	125		
09/17/11 04:31:45.5	126		
09/17/11 04:35:25.0	127		
09/17/11 04:44:09.0	128		
09/17/11 05:15:05.5	129	0.06	1:52
10/04/11 09:13:30.0	130		
10/04/11 13:46:39.0	131	0.02	4:33
10/05/11 08:15:24.5	132		
10/05/11 13:24:41.0	133		
10/05/11 18:20:50.5	134		
10/05/11 18:46:31.0	135		
10/05/11 18:59:29.0	136		
10/05/11 19:04:59.0	137		
10/05/11 19:10:35.0	138		
10/05/11 19:12:43.0	139		
10/05/11 19:17:35.5	140		
10/05/11 19:24:58.0	141		
10/05/11 19:30:02.0	142		
10/05/11 19:34:24.0	143		
10/05/11 19:38:00.0	144		
10/05/11 19:41:09.5	145		
10/05/11 19:46:00.0	146		
10/05/11 19:51:46.0	147		
10/05/11 20:03:12.0	148		
10/05/11 20:09:15.0	149		
10/05/11 20:17:20.0	150		
10/05/11 20:21:47.5	151		
10/05/11 20:27:45.0	152		

10/05/11 20:34:54.5	153		
10/05/11 20:46:33.0	154		
10/05/11 21:05:45.5	155		
10/05/11 21:13:01.0	156		
10/05/11 21:16:06.5	157		
10/05/11 21:19:22.5	158		
10/05/11 21:22:09.0	159		
10/05/11 21:26:06.5	160		
10/05/11 21:29:35.0	161		
10/05/11 21:34:19.5	162		
10/05/11 21:36:42.0	163		
10/05/11 21:40:10.0	164		
10/05/11 21:43:39.0	165		
10/05/11 21:47:42.0	166		
10/05/11 21:51:53.5	167		
10/05/11 21:55:41.0	168		
10/05/11 21:58:35.5	169		
10/05/11 22:03:26.0	170		
10/05/11 22:07:29.5	171		
10/05/11 22:16:09.5	172		
10/05/11 22:22:20.5	173		
10/05/11 22:27:26.0	174		
10/05/11 22:33:04.0	175		
10/05/11 22:43:12.0	176		
10/05/11 22:51:09.5	177		
10/05/11 22:58:05.5	178		
10/05/11 23:02:20.5	179		
10/05/11 23:09:51.5	180		
10/05/11 23:17:48.0	181		
10/05/11 23:30:35.0	182		
10/05/11 23:36:32.0	183		
10/05/11 23:40:34.5	184		
10/05/11 23:47:59.5	185		
10/05/11 23:59:18.5	186	0.55	15:43
10/06/11 00:05:27.0	187		
10/06/11 00:09:28.0	188		
10/06/11 00:12:46.5	189		
10/06/11 00:15:12.5	190		
10/06/11 00:17:06.0	191		
10/06/11 00:19:29.5	192		
10/06/11 00:22:09.0	193		
10/06/11 00:25:17.5	194		
10/06/11 00:30:14.5	195		
10/06/11 00:34:13.5	196		
10/06/11 00:37:40.5	197		

10/06/11 00:40:49.5	198
10/06/11 00:43:27.0	199
10/06/11 00:46:22.0	200
10/06/11 00:48:45.5	201
10/06/11 00:50:51.5	202
10/06/11 00:52:58.5	203
10/06/11 00:55:04.0	204
10/06/11 00:56:24.0	205
10/06/11 00:58:10.0	206
10/06/11 01:00:59.0	207
10/06/11 01:09:46.5	208
10/06/11 02:24:17.0	209
10/06/11 02:28:53.5	210
10/06/11 02:32:16.0	211
10/06/11 02:34:32.5	212
10/06/11 02:36:45.5	213
10/06/11 02:38:46.0	214
10/06/11 02:41:15.5	215
10/06/11 02:43:52.0	216
10/06/11 02:46:42.0	217
10/06/11 02:51:30.0	218
10/06/11 03:05:52.0	219
10/06/11 04:38:23.0	220
10/06/11 04:42:03.0	221
10/06/11 04:44:52.0	222
10/06/11 04:47:21.5	223
10/06/11 04:50:00.0	224
10/06/11 04:51:24.0	225
10/06/11 04:53:49.5	226
10/06/11 04:56:33.0	227
10/06/11 05:01:08.0	228
10/06/11 05:05:54.0	229
10/06/11 05:09:32.0	230
10/06/11 05:12:06.0	231
10/06/11 05:15:11.0	232
10/06/11 05:17:13.0	233
10/06/11 05:19:46.0	234
10/06/11 05:21:46.5	235
10/06/11 05:23:47.5	236
10/06/11 05:25:59.0	237
10/06/11 05:29:11.5	238
10/06/11 05:31:54.5	239
10/06/11 05:34:30.5	240
10/06/11 05:36:38.0	241
10/06/11 05:40:07.0	242

10/06/11 05:41:59.0	243
10/06/11 05:45:09.5	244
10/06/11 05:47:27.0	245
10/06/11 05:49:27.5	246
10/06/11 05:50:43.5	247
10/06/11 05:52:15.0	248
10/06/11 05:53:00.5	249
10/06/11 05:53:52.0	250
10/06/11 05:54:46.5	251
10/06/11 05:56:14.5	252
10/06/11 05:57:54.0	253
10/06/11 06:00:00.5	254
10/06/11 06:01:51.5	255
10/06/11 06:05:06.5	256
10/06/11 06:07:37.5	257
10/06/11 06:10:29.0	258
10/06/11 06:13:01.5	259
10/06/11 06:15:27.0	260
10/06/11 06:17:28.5	261
10/06/11 06:20:12.5	262
10/06/11 06:21:52.5	263
10/06/11 06:24:02.5	264
10/06/11 06:25:13.5	265
10/06/11 06:26:48.0	266
10/06/11 06:28:34.0	267
10/06/11 06:32:00.5	268
10/06/11 06:34:36.0	269
10/06/11 06:40:02.0	270
10/06/11 06:53:47.5	271
10/06/11 08:52:47.0	272
10/06/11 09:04:19.5	273
10/06/11 09:09:38.0	274
10/06/11 09:15:15.0	275
10/06/11 09:45:12.5	276
10/06/11 10:41:53.5	277
10/06/11 10:42:53.0	278
10/06/11 10:45:57.5	279
10/06/11 10:57:01.0	280
10/06/11 11:18:26.5	281
10/06/11 11:31:49.5	282
10/06/11 11:39:46.5	283
10/06/11 12:55:33.0	284
10/06/11 12:56:48.0	285
10/06/11 12:58:14.0	286
10/06/11 12:59:42.0	287

10/06/11 13:01:27.5	288		
10/06/11 13:02:46.0	289		
10/06/11 13:04:42.0	290		
10/06/11 13:05:30.5	291		
10/06/11 13:06:29.0	292		
10/06/11 13:07:29.0	293		
10/06/11 13:08:46.0	294		
10/06/11 13:10:11.0	295		
10/06/11 13:12:00.0	296		
10/06/11 13:13:36.5	297		
10/06/11 13:15:27.5	298		
10/06/11 13:17:05.0	299		
10/06/11 13:19:04.5	300		
10/06/11 13:21:02.5	301		
10/06/11 13:24:21.0	302	1.16	13:18
10/08/11 06:23:05.0	303		
10/08/11 06:40:14.5	304		
10/08/11 06:58:23.5	305		
10/08/11 07:20:50.5	306		
10/08/11 07:32:27.5	307		
10/08/11 07:47:18.0	308		
10/08/11 07:59:48.0	309		
10/08/11 08:18:35.5	310		
10/08/11 08:36:32.5	311		
10/08/11 08:59:13.5	312	0.1	2:36

Upper Gauge Data

Series	Event (Events)
Logger Info	Information specific to the logger
Model	HOBO Event (C) 1996 ONSET Computer Corp
Serial Number	11362
Memory Size (Bytes)	32768
Extra Info	Information used by tech support
Model Number	7
Version Number	4
Deployment	6
Series Info	Information about the data in the series
Points Used	320
First Point	11/06/10 09:22:55.0
Last Point	05/13/11 09:55:30.5
Duration	188 Days 00:32:35.5
Stats	Calculated from the series
Wrap Count	0
Event Sum	318.00
Launch Parameters	Mirrors the launch dialog settings
Description	1st qtr upper 11
Wrap	Off
Delay Start	Off
Stealth Mode	Off
Event Name	Events
Event Value	1.00
Lockout After Event	00:00:01.0

Date/Time	Event (Events)		
11/06/10 09:22:55.0	0	Initial Reading	
11/08/10 16:01:55.0	1		
11/08/10 16:10:05.5	2		
11/08/10 16:14:23.0	3		
11/08/10 16:19:56.0	4		
11/08/10 16:22:21.0	5		
11/08/10 16:23:13.0	6		
11/08/10 16:24:48.0	7		
11/08/10 16:25:46.0	8		
11/08/10 16:29:01.0	9		
11/08/10 17:11:20.0	10		
11/08/10 17:17:37.0	11		
11/08/10 17:37:58.5	12		
11/08/10 17:49:13.0	13		
11/08/10 17:54:19.5	14	0.13	1:44

11/09/10 09:53:44.0	15		
11/09/10 09:57:00.5	16		
11/09/10 10:00:19.0	17		
11/09/10 10:09:34.5	18		
11/09/10 10:14:21.5	19		
11/09/10 10:25:24.5	20		
11/09/10 10:28:42.0	21		
11/09/10 10:37:08.0	22		
11/09/10 10:39:47.5	23		
11/09/10 10:45:27.0	24		
11/09/10 10:53:05.0	25		
11/09/10 11:00:51.5	26	0.12	1:07
11/21/10 11:49:01.0	27		
11/22/10 10:06:11.5	28		
11/22/10 13:44:15.5	29		
11/22/10 13:48:15.5	30		
11/22/10 13:54:26.5	31		
11/22/10 13:59:27.5	32	0.06	2:10
11/24/10 12:12:55.0	33	0.01	0:10
11/29/10 09:29:38.0	34		
11/29/10 13:22:37.0	35	0.02	3:52
12/25/10 09:29:25.5	36	0.01	0:12
12/31/10 11:31:03.5	37		
12/31/10 11:59:58.5	38		
12/31/10 12:36:42.0	39	0.03	1:05
01/03/11 12:10:53.0	40	0.01	0:20
01/06/11 13:26:17.0	41		
01/06/11 13:30:27.5	42		
01/06/11 13:35:16.0	43		
01/06/11 15:32:09.5	44		
01/06/11 15:57:54.5	45	0.05	2:31
01/07/11 10:53:37.0	46	0.01	0:15
02/10/11 13:07:39.5	47	0.01	0:18
02/19/11 10:49:21.5	48		
02/19/11 10:51:35.5	49		
02/19/11 10:53:37.5	50		
02/19/11 10:55:47.0	51		
02/19/11 10:58:07.0	52		
02/19/11 11:00:18.0	53		
02/19/11 11:02:24.5	54		
02/19/11 11:07:56.0	55		
02/19/11 11:10:33.0	56		
02/19/11 11:13:17.0	57		
02/19/11 11:15:59.0	58		

02/19/11 11:18:10.0	59		
02/19/11 11:24:24.5	60		
02/19/11 11:36:07.0	61	0.14	0:46
02/26/11 11:57:23.0	62	0.01	0:21
03/07/11 08:40:52.0	63	0.01	0:14
03/24/11 12:51:26.0	64		
03/24/11 13:05:45.0	65		
03/24/11 13:06:22.0	66		
03/24/11 13:07:27.5	67		
03/24/11 13:08:25.5	68		
03/24/11 13:10:20.0	69	0.06	0:18
03/25/11 16:01:06.5	70		
03/25/11 16:07:39.5	71	0.02	0:06
03/27/11 10:14:23.5	72		
03/27/11 10:15:45.5	73		
03/27/11 10:17:11.5	74		
03/27/11 10:18:30.5	75		
03/27/11 10:19:34.5	76		
03/27/11 10:20:50.5	77		
03/27/11 10:22:02.0	78		
03/27/11 10:23:25.5	79		
03/27/11 10:24:49.0	80		
03/27/11 10:26:47.0	81		
03/27/11 10:28:24.5	82		
03/27/11 10:30:28.0	83		
03/27/11 10:32:19.0	84		
03/27/11 10:34:36.5	85		
03/27/11 10:36:34.0	86		
03/27/11 10:38:59.0	87		
03/27/11 10:41:00.5	88		
03/27/11 10:43:22.0	89		
03/27/11 10:45:47.0	90		
03/27/11 16:33:07.0	91		
03/27/11 16:35:01.5	92		
03/27/11 16:37:42.0	93	0.22	6:23
03/28/11 00:59:12.5	94		
03/28/11 10:06:28.0	95		
03/28/11 10:08:57.0	96		
03/28/11 10:11:08.5	97		
03/28/11 10:13:24.5	98		
03/28/11 10:17:07.5	99		
03/28/11 10:22:45.0	100		
03/28/11 10:28:01.5	101		
03/28/11 10:31:24.0	102		

03/28/11 10:35:00.5	103		
03/28/11 10:39:15.5	104		
03/28/11 10:42:52.0	105		
03/28/11 10:46:29.5	106		
03/28/11 10:52:41.5	107	0.14	9:53
04/03/11 07:22:46.5	108	0.01	0:07
04/08/11 14:34:44.0	109		
04/08/11 14:38:11.5	110		
04/08/11 14:41:51.5	111		
04/08/11 14:45:57.5	112		
04/08/11 14:49:27.5	113		
04/08/11 14:52:37.5	114		
04/08/11 14:55:09.5	115		
04/08/11 14:58:26.5	116		
04/08/11 15:01:52.0	117		
04/08/11 15:07:50.0	118	0.1	0:33
04/10/11 10:12:34.0	119		
04/10/11 10:13:46.5	120		
04/10/11 10:14:53.0	121		
04/10/11 10:16:02.0	122		
04/10/11 10:17:28.0	123		
04/10/11 10:19:28.0	124		
04/10/11 10:21:04.0	125		
04/10/11 10:22:40.0	126		
04/10/11 10:24:05.0	127		
04/10/11 10:25:53.0	128		
04/10/11 10:27:23.0	129		
04/10/11 10:28:54.5	130		
04/10/11 10:31:00.0	131		
04/10/11 10:33:19.0	132		
04/10/11 10:36:30.0	133		
04/10/11 10:39:23.5	134		
04/10/11 10:41:32.5	135		
04/10/11 10:45:19.5	136		
04/10/11 10:50:41.0	137	0.19	0:38
04/18/11 17:31:58.0	138		
04/18/11 17:34:29.0	139		
04/18/11 17:35:31.5	140		
04/18/11 17:36:50.5	141		
04/18/11 17:38:36.5	142		
04/18/11 17:40:40.5	143		
04/18/11 17:42:35.5	144		
04/18/11 17:43:40.0	145		
04/18/11 17:45:55.5	146		

04/18/11 17:51:43.5	147		
04/18/11 17:56:36.0	148		
04/18/11 18:04:30.5	149	0.12	0:32
04/19/11 06:39:00.5	150		
04/19/11 06:42:01.5	151		
04/19/11 06:45:23.5	152		
04/19/11 06:49:15.0	153		
04/19/11 07:00:55.0	154		
04/19/11 07:14:05.0	155		
04/19/11 07:44:25.0	156		
04/19/11 08:21:43.5	157	0.08	1:42
04/21/11 01:07:11.5	158		
04/21/11 01:15:16.5	159		
04/21/11 01:19:08.5	160		
04/21/11 01:22:58.0	161		
04/21/11 01:25:39.0	162		
04/21/11 01:30:36.0	163		
04/21/11 01:35:47.5	164		
04/21/11 01:41:15.0	165		
04/21/11 01:45:16.0	166		
04/21/11 01:47:34.0	167		
04/21/11 07:10:15.5	168	0.11	6:03
04/23/11 19:01:54.5	169	0.01	0:09
04/24/11 07:57:26.5	170		
04/24/11 08:10:39.5	171		
04/24/11 08:27:50.5	172		
04/24/11 08:41:05.0	173		
04/24/11 08:54:48.5	174		
04/24/11 10:40:44.5	175		
04/24/11 10:41:41.0	176		
04/24/11 10:42:43.0	177		
04/24/11 10:43:53.5	178		
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04/24/11 10:48:09.0	181		
04/24/11 10:49:35.0	182		
04/24/11 10:51:03.5	183		
04/24/11 10:52:28.0	184		
04/24/11 10:53:57.5	185		
04/24/11 10:55:26.5	186		
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04/24/11 11:01:26.0	189		
04/24/11 11:03:51.0	190		

04/24/11 11:06:35.5	191		
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04/24/11 11:13:25.5	193		
04/24/11 11:18:41.5	194		
04/24/11 11:25:38.0	195		
04/24/11 11:31:56.5	196		
04/24/11 11:34:57.5	197		
04/24/11 12:10:19.5	198		
04/24/11 12:22:46.0	199		
04/24/11 19:38:31.5	200		
04/24/11 19:45:41.5	201		
04/24/11 19:48:59.0	202		
04/24/11 19:53:10.0	203		
04/24/11 20:06:53.0	204		
04/24/11 20:43:31.5	205		
04/24/11 21:57:49.0	206		
04/24/11 22:03:17.0	207		
04/24/11 22:11:42.0	208	0.38	14:05
04/25/11 08:02:41.5	209		
04/25/11 08:15:19.0	210		
04/25/11 08:21:59.0	211		
04/25/11 08:32:44.0	212		
04/25/11 20:37:07.5	213	0.04	0:30
04/26/11 08:15:36.0	214	0.01	0:20
05/09/11 03:11:51.5	215		
05/09/11 03:26:07.5	216		
05/09/11 03:37:19.5	217		
05/09/11 04:02:09.0	218		
05/09/11 04:22:22.5	219		
05/09/11 04:26:32.0	220		
05/09/11 04:30:24.0	221		
05/09/11 04:45:33.5	222		
05/09/11 05:48:05.5	223		
05/09/11 05:49:04.0	224		
05/09/11 05:49:42.0	225		
05/09/11 05:50:16.0	226		
05/09/11 05:51:08.5	227		
05/09/11 05:52:07.0	228		
05/09/11 05:53:51.0	229		
05/09/11 06:15:08.0	230		
05/09/11 06:16:35.0	231		
05/09/11 06:18:06.0	232		
05/09/11 06:20:16.0	233		
05/09/11 06:24:02.5	234		

05/09/11 06:52:28.0	235
05/09/11 06:56:31.0	236
05/09/11 07:11:32.5	237
05/09/11 07:16:20.0	238
05/09/11 07:19:17.0	239
05/09/11 07:21:38.5	240
05/09/11 07:22:45.5	241
05/09/11 07:23:43.5	242
05/09/11 07:24:21.0	243
05/09/11 07:25:01.5	244
05/09/11 07:26:00.0	245
05/09/11 07:28:44.0	246
05/09/11 07:31:03.5	247
05/09/11 07:33:10.0	248
05/09/11 07:35:07.0	249
05/09/11 07:37:40.5	250
05/09/11 07:39:26.0	251
05/09/11 07:41:21.0	252
05/09/11 07:43:27.5	253
05/09/11 07:45:38.0	254
05/09/11 07:47:38.0	255
05/09/11 07:50:14.0	256
05/09/11 07:53:11.5	257
05/09/11 07:55:15.0	258
05/09/11 09:12:38.0	259
05/09/11 09:57:33.5	260
05/09/11 09:59:03.0	261
05/09/11 10:00:29.0	262
05/09/11 10:02:08.0	263
05/09/11 10:03:59.0	264
05/09/11 10:06:03.5	265
05/09/11 10:08:19.5	266
05/09/11 10:10:27.5	267
05/09/11 10:12:39.0	268
05/09/11 10:14:32.0	269
05/09/11 10:16:29.5	270
05/09/11 10:18:37.5	271
05/09/11 10:20:44.5	272
05/09/11 10:22:22.0	273
05/09/11 10:24:23.0	274
05/09/11 10:26:06.5	275
05/09/11 10:28:07.0	276
05/09/11 10:30:21.5	277
05/09/11 10:34:37.5	278

05/09/11 10:38:23.0	279		
05/09/11 10:43:56.5	280		
05/09/11 10:48:01.0	281		
05/09/11 11:06:44.0	282		
05/09/11 11:21:00.5	283		
05/09/11 11:40:27.5	284		
05/09/11 11:46:04.0	285		
05/09/11 11:53:26.0	286		
05/09/11 11:59:27.5	287		
05/09/11 12:39:24.0	288		
05/09/11 12:43:14.0	289		
05/09/11 12:47:33.5	290		
05/09/11 12:52:04.5	291		
05/09/11 12:57:39.0	292		
05/09/11 13:06:09.5	293		
05/09/11 13:14:27.5	294		
05/09/11 13:24:39.5	295		
05/09/11 13:32:32.5	296		
05/09/11 14:36:01.0	297		
05/09/11 18:31:43.0	298		
05/09/11 18:34:09.5	299		
05/09/11 18:41:52.0	300		
05/09/11 18:47:37.0	301		
05/09/11 18:54:56.0	302		
05/09/11 18:58:15.0	303		
05/09/11 19:01:56.5	304		
05/09/11 19:15:29.5	305	0.9	15:50
05/10/11 07:29:43.5	306		
05/10/11 09:31:17.0	307		
05/10/11 09:33:33.5	308		
05/10/11 09:35:03.0	309		
05/10/11 09:37:00.5	310		
05/10/11 09:38:56.5	311		
05/10/11 09:42:02.0	312		
05/10/11 09:43:28.5	313		
05/10/11 09:45:08.5	314		
05/10/11 15:45:57.5	315		
05/10/11 16:28:24.5	316		
05/10/11 16:33:07.0	317		
05/10/11 16:40:54.0	318	0.12	9:03
05/13/11 09:55:30.5	318	Tipped during data recovery	

Series	Event (Events)
Logger Info	Information specific to the logger
Model	HOBO Event (C) 1996 ONSET Computer Corp
Serial Number	11362
Memory Size (Bytes)	32768
Extra Info	Information used by tech support
Model Number	7
Version Number	4
Deployment	7
Series Info	Information about the data in the series
Points Used	535
First Point	05/13/11 09:59:03.0
Last Point	08/08/11 11:30:14.0
Duration	87 Days 01:31:11.0
Stats	Calculated from the series
Wrap Count	0
Event Sum	533.00
Launch Parameters	Mirrors the launch dialog settings
Description	3rd qtr upper 11
Wrap	Off
Delay Start	Off
Stealth Mode	Off
Event Name	Events
Event Value	1.00
Lockout After Event	00:00:01.0

Date/Time	Event (Events)
05/13/11 09:59:03.0	0 Initial Reading
05/17/11 02:17:18.5	1
05/17/11 02:31:25.5	2
05/17/11 02:40:05.5	3
05/17/11 02:45:12.5	4
05/17/11 02:52:33.0	5
05/17/11 03:17:46.0	6
05/17/11 04:10:22.5	7
05/17/11 04:28:34.0	8
05/17/11 04:45:00.0	9
05/17/11 04:55:19.5	10
05/17/11 05:03:57.0	11
05/17/11 05:10:14.5	12
05/17/11 05:17:21.0	13
05/17/11 05:24:27.0	14
05/17/11 05:29:35.5	15

05/17/11 05:40:04.0	16		
05/17/11 05:53:32.0	17		
05/17/11 06:13:13.5	18		
05/17/11 14:38:19.0	19		
05/17/11 14:45:59.5	20		
05/17/11 14:53:35.5	21	0.21	12:36
05/18/11 03:05:40.0	22		
05/18/11 03:25:59.0	23		
05/18/11 03:34:51.5	24		
05/18/11 03:40:15.5	25		
05/18/11 03:47:20.5	26		
05/18/11 03:54:31.5	27		
05/18/11 04:01:01.0	28		
05/18/11 04:07:56.5	29		
05/18/11 04:18:56.5	30		
05/18/11 04:48:58.5	31		
05/18/11 05:14:31.5	32		
05/18/11 05:37:59.0	33		
05/18/11 05:54:24.5	34		
05/18/11 06:01:48.5	35		
05/18/11 06:08:37.5	36		
05/18/11 06:30:18.5	37		
05/18/11 06:40:32.0	38		
05/18/11 06:48:40.0	39		
05/18/11 07:04:30.0	40		
05/18/11 07:56:30.5	41		
05/18/11 08:09:36.0	42		
05/18/11 08:17:31.0	43		
05/18/11 08:23:43.5	44		
05/18/11 08:29:22.0	45		
05/18/11 08:34:28.0	46		
05/18/11 08:39:26.5	47		
05/18/11 08:44:24.0	48		
05/18/11 08:49:43.0	49		
05/18/11 08:53:48.5	50		
05/18/11 08:58:13.5	51		
05/18/11 09:03:34.0	52		
05/18/11 09:09:50.0	53		
05/18/11 09:15:38.5	54		
05/18/11 09:20:50.5	55		
05/18/11 09:27:54.5	56		
05/18/11 09:32:16.5	57		
05/18/11 09:38:00.0	58		
05/18/11 09:42:19.0	59		
05/18/11 09:47:48.5	60		

05/18/11 09:54:48.0	61		
05/18/11 10:04:13.5	62		
05/18/11 10:11:14.5	63		
05/18/11 10:13:26.0	64		
05/18/11 10:16:11.0	65		
05/18/11 10:20:07.5	66		
05/18/11 10:24:23.0	67		
05/18/11 10:29:02.5	68		
05/18/11 10:33:46.0	69		
05/18/11 12:25:10.0	70		
05/18/11 12:26:14.5	71		
05/18/11 12:27:16.0	72		
05/18/11 12:29:24.5	73		
05/18/11 12:30:41.0	74		
05/18/11 12:31:59.5	75		
05/18/11 12:33:17.0	76		
05/18/11 12:34:35.0	77		
05/18/11 12:35:51.0	78		
05/18/11 12:37:03.0	79		
05/18/11 12:38:24.5	80		
05/18/11 12:39:51.5	81		
05/18/11 12:41:25.5	82		
05/18/11 12:42:50.5	83		
05/18/11 12:44:11.5	84		
05/18/11 12:45:26.0	85		
05/18/11 12:46:46.0	86		
05/18/11 12:48:40.0	87		
05/18/11 12:49:29.0	88		
05/18/11 21:06:08.5	89		
05/18/11 21:48:02.5	90		
05/18/11 23:50:00.5	91	0.7	20:44
05/19/11 01:10:40.0	92		
05/19/11 06:32:45.0	93		
05/19/11 06:42:44.0	94		
05/19/11 06:50:59.0	95		
05/19/11 07:05:33.5	96		
05/19/11 07:13:39.0	97		
05/19/11 07:19:40.0	98		
05/19/11 07:26:28.5	99		
05/19/11 07:33:32.0	100		
05/19/11 07:40:10.5	101		
05/19/11 07:47:04.0	102		
05/19/11 07:56:43.0	103		
05/19/11 13:19:27.0	104		
05/19/11 13:29:02.5	105		

05/19/11 13:31:50.5	106		
05/19/11 13:33:19.5	107		
05/19/11 13:36:04.0	108		
05/19/11 13:38:54.0	109		
05/19/11 13:40:50.0	110		
05/19/11 15:09:14.5	111		
05/19/11 15:14:15.0	112		
05/19/11 15:16:08.5	113		
05/19/11 15:17:59.0	114		
05/19/11 15:24:56.5	115		
05/19/11 15:54:47.0	116		
05/19/11 21:32:26.0	117		
05/19/11 21:51:36.0	118		
05/19/11 23:43:21.0	119		
05/19/11 23:47:44.0	120		
05/19/11 23:50:41.5	121		
05/19/11 23:56:42.5	122	0.31	22:46
05/20/11 00:07:59.5	123		
05/20/11 00:17:10.0	124		
05/20/11 00:35:31.0	125		
05/20/11 00:58:39.0	126		
05/20/11 01:03:52.0	127		
05/20/11 01:41:47.5	128		
05/20/11 02:00:51.5	129		
05/20/11 02:33:57.0	130		
05/20/11 02:51:19.0	131		
05/20/11 03:01:09.0	132		
05/20/11 03:12:30.5	133		
05/20/11 03:30:21.5	134		
05/20/11 03:56:06.5	135		
05/20/11 04:10:53.5	136		
05/20/11 04:21:21.5	137		
05/20/11 04:33:43.0	138		
05/20/11 04:50:35.0	139		
05/20/11 05:00:54.0	140		
05/20/11 05:10:57.0	141		
05/20/11 05:18:48.5	142		
05/20/11 05:28:52.5	143		
05/20/11 05:35:13.0	144		
05/20/11 05:41:20.5	145		
05/20/11 05:48:11.0	146		
05/20/11 05:54:44.0	147		
05/20/11 06:05:37.5	148		
05/20/11 06:20:53.0	149		
05/20/11 06:52:11.0	150		

05/20/11 07:24:07.0	151		
05/20/11 07:42:03.0	152		
05/20/11 12:04:48.5	153	0.31	11:56
05/22/11 16:26:57.5	154		
05/22/11 16:28:05.0	155		
05/22/11 16:34:01.5	156		
05/22/11 16:34:59.5	157		
05/22/11 16:35:49.0	158		
05/22/11 16:36:47.5	159		
05/22/11 16:39:15.0	160		
05/22/11 16:41:27.5	161		
05/22/11 16:45:36.0	162		
05/22/11 16:49:24.5	163		
05/22/11 16:55:25.5	164		
05/22/11 17:07:34.0	165		
05/22/11 17:18:41.5	166		
05/22/11 18:16:55.0	167		
05/22/11 19:10:02.5	168		
05/22/11 19:19:07.0	169		
05/22/11 19:45:59.5	170	0.17	3:19
05/23/11 13:29:01.5	171		
05/23/11 13:33:59.0	172		
05/23/11 13:36:22.5	173		
05/23/11 13:38:19.0	174		
05/23/11 13:41:12.5	175		
05/23/11 13:43:37.0	176		
05/23/11 13:46:53.0	177		
05/23/11 13:50:03.0	178		
05/23/11 13:52:47.5	179		
05/23/11 13:55:23.5	180		
05/23/11 13:58:22.5	181		
05/23/11 14:00:57.5	182		
05/23/11 14:03:18.0	183		
05/23/11 14:06:20.0	184		
05/23/11 14:10:40.0	185		
05/23/11 14:16:27.5	186	0.16	0:47
06/16/11 13:19:23.5	187		
06/16/11 14:01:30.0	188	0.02	0:17
06/29/11 15:52:53.0	189		
06/29/11 20:23:03.5	190		
06/29/11 20:23:40.5	191		
06/29/11 20:24:29.0	192		
06/29/11 20:25:08.5	193		
06/29/11 22:16:46.5	194		
06/29/11 22:19:17.5	195		

06/29/11 22:19:44.5	196		
06/29/11 22:19:57.5	197		
06/29/11 22:20:26.0	198		
06/29/11 22:20:43.5	199		
06/29/11 22:21:02.5	200		
06/29/11 22:22:21.5	201	0.13	6:29
06/30/11 04:58:04.5	202		
06/30/11 05:35:39.5	203		
06/30/11 05:36:00.5	204		
06/30/11 05:36:20.5	205		
06/30/11 05:36:40.5	206		
06/30/11 05:37:08.5	207		
06/30/11 05:37:39.5	208		
06/30/11 05:37:55.5	209		
06/30/11 05:38:26.5	210		
06/30/11 05:39:06.0	211		
06/30/11 05:39:11.5	212		
06/30/11 05:40:32.5	213		
06/30/11 10:03:21.5	214		
06/30/11 10:03:42.5	215		
06/30/11 10:04:01.5	216		
06/30/11 10:04:28.0	217		
06/30/11 10:04:45.5	218		
06/30/11 10:04:56.5	219		
06/30/11 10:05:12.0	220		
06/30/11 10:05:23.5	221		
06/30/11 10:05:35.0	222		
06/30/11 10:05:52.0	223		
06/30/11 10:06:10.0	224		
06/30/11 10:06:28.0	225		
06/30/11 10:07:42.0	226		
06/30/11 10:08:09.5	227		
06/30/11 10:08:29.0	228		
06/30/11 10:13:43.5	229		
06/30/11 10:16:25.0	230		
06/30/11 10:17:45.0	231		
06/30/11 10:21:39.0	232		
06/30/11 10:25:27.0	233		
06/30/11 12:57:59.0	234	0.13	2:52
07/04/11 22:21:03.0	235		
07/04/11 22:23:36.0	236	0.02	0:02
07/07/11 23:52:50.0	237	0.01	0:08
07/08/11 16:27:17.5	238		
07/08/11 16:27:40.0	239		
07/08/11 16:28:03.0	240		

07/08/11 16:28:21.5	241		
07/08/11 16:28:41.5	242		
07/08/11 16:29:12.5	243		
07/08/11 16:29:44.5	244		
07/08/11 16:30:18.5	245		
07/08/11 16:30:55.5	246		
07/08/11 16:31:42.0	247		
07/08/11 16:32:38.0	248		
07/08/11 16:34:28.5	249		
07/08/11 16:36:27.0	250		
07/08/11 16:42:17.0	251		
07/08/11 16:47:01.0	252		
07/08/11 17:00:37.0	253	0.16	0:33
07/10/11 03:57:14.5	254		
07/10/11 03:58:06.0	255		
07/10/11 03:59:06.5	256		
07/10/11 04:01:22.5	257		
07/10/11 15:31:05.5	258		
07/10/11 15:35:10.0	259		
07/10/11 15:42:36.5	260		
07/10/11 15:59:34.5	261		
07/10/11 17:21:49.5	262		
07/10/11 17:24:13.0	263		
07/10/11 17:26:58.5	264		
07/10/11 17:32:40.0	265	0.12	13:35
07/11/11 16:41:34.0	266		
07/11/11 17:31:15.5	267	0.02	0:49
07/12/11 16:32:44.5	268		
07/12/11 16:40:55.0	269		
07/12/11 16:42:31.0	270		
07/12/11 16:43:24.0	271		
07/12/11 16:44:08.5	272		
07/12/11 16:45:14.5	273		
07/12/11 16:46:00.0	274		
07/12/11 16:46:33.5	275		
07/12/11 16:46:55.0	276		
07/12/11 16:47:12.0	277		
07/12/11 16:47:28.0	278		
07/12/11 16:47:37.5	279		
07/12/11 16:47:48.5	280		
07/12/11 16:48:00.0	281		
07/12/11 16:48:10.5	282		
07/12/11 16:48:26.5	283		
07/12/11 16:48:35.5	284		
07/12/11 16:48:44.5	285		

07/12/11 16:48:54.5	286		
07/12/11 16:49:07.5	287		
07/12/11 16:49:21.0	288		
07/12/11 16:49:33.0	289		
07/12/11 16:49:45.5	290		
07/12/11 16:50:02.0	291		
07/12/11 16:50:25.0	292		
07/12/11 16:51:17.5	293		
07/12/11 16:52:22.5	294		
07/12/11 16:53:15.0	295		
07/12/11 16:54:43.5	296		
07/12/11 16:55:40.5	297		
07/12/11 17:00:24.0	298		
07/12/11 18:35:35.5	299		
07/12/11 19:27:09.0	300		
07/12/11 19:30:18.0	301		
07/12/11 19:35:07.5	302		
07/12/11 19:40:47.5	303	0.36	3:08
07/13/11 13:16:07.5	304		
07/13/11 13:25:42.5	305		
07/13/11 13:30:25.5	306		
07/13/11 13:31:20.0	307		
07/13/11 13:32:42.5	308		
07/13/11 13:34:23.5	309		
07/13/11 13:36:18.0	310		
07/13/11 13:39:02.0	311		
07/13/11 19:15:45.0	312		
07/13/11 19:18:02.0	313		
07/13/11 19:18:42.5	314		
07/13/11 19:19:10.0	315		
07/13/11 19:19:40.5	316		
07/13/11 19:20:14.0	317		
07/13/11 19:20:50.5	318		
07/13/11 19:21:43.0	319		
07/13/11 19:22:37.0	320		
07/13/11 19:24:51.5	321	0.18	6:08
07/17/11 20:39:46.0	322		
07/17/11 20:40:59.0	323		
07/17/11 20:59:53.5	324	0.03	0:20
07/18/11 04:03:15.5	325		
07/18/11 22:15:44.0	326		
07/18/11 22:17:58.5	327		
07/18/11 22:19:12.0	328		
07/18/11 22:19:28.0	329		
07/18/11 22:19:42.5	330		

07/18/11 22:20:00.5	331		
07/18/11 22:20:17.5	332		
07/18/11 22:20:34.0	333		
07/18/11 22:20:54.0	334		
07/18/11 22:21:15.0	335		
07/18/11 22:21:36.0	336		
07/18/11 22:21:58.0	337		
07/18/11 22:22:19.0	338		
07/18/11 22:22:41.0	339		
07/18/11 22:23:02.5	340		
07/18/11 22:23:25.5	341		
07/18/11 22:23:45.5	342		
07/18/11 22:24:06.5	343		
07/18/11 22:24:29.5	344		
07/18/11 22:24:54.5	345		
07/18/11 22:25:24.5	346		
07/18/11 22:25:57.5	347		
07/18/11 22:26:30.5	348		
07/18/11 22:26:54.5	349		
07/18/11 22:27:20.0	350		
07/18/11 22:27:46.5	351		
07/18/11 22:28:10.0	352		
07/18/11 22:28:43.0	353		
07/18/11 22:29:19.5	354		
07/18/11 22:29:59.0	355		
07/18/11 22:30:30.0	356		
07/18/11 22:31:07.5	357		
07/18/11 22:31:36.5	358		
07/18/11 22:32:03.5	359		
07/18/11 22:32:38.0	360		
07/18/11 22:33:16.0	361		
07/18/11 22:33:56.0	362		
07/18/11 22:34:43.5	363		
07/18/11 22:35:33.0	364		
07/18/11 22:36:17.0	365		
07/18/11 22:37:11.0	366		
07/18/11 22:37:58.0	367		
07/18/11 22:38:40.5	368		
07/18/11 22:39:21.5	369		
07/18/11 22:40:07.5	370		
07/18/11 22:40:59.5	371		
07/18/11 22:42:08.5	372		
07/18/11 22:43:34.0	373		
07/18/11 22:45:44.5	374		
07/18/11 22:51:59.5	375	0.51	18:48

07/19/11 16:05:31.5	376		
07/19/11 16:06:40.5	377		
07/19/11 16:07:28.0	378		
07/19/11 16:08:01.0	379		
07/19/11 16:08:49.0	380		
07/19/11 16:09:42.5	381		
07/19/11 16:10:34.0	382		
07/19/11 16:11:34.0	383		
07/19/11 16:12:56.5	384		
07/19/11 16:14:12.0	385		
07/19/11 16:15:30.0	386		
07/19/11 16:17:07.0	387		
07/19/11 16:19:34.5	388	0.13	0:14
07/25/11 20:28:24.5	389	0.01	0:12
07/26/11 00:49:07.5	390		
07/26/11 01:08:41.5	391		
07/26/11 01:19:03.5	392		
07/26/11 01:43:28.0	393		
07/26/11 08:54:05.5	394		
07/26/11 22:03:38.5	395		
07/26/11 22:17:52.0	396		
07/26/11 22:20:05.0	397		
07/26/11 22:22:44.5	398		
07/26/11 23:23:45.5	399		
07/26/11 23:31:04.5	400		
07/26/11 23:35:29.5	401		
07/26/11 23:39:47.5	402		
07/26/11 23:43:40.5	403		
07/26/11 23:47:21.0	404		
07/26/11 23:50:50.5	405		
07/26/11 23:54:33.5	406	0.17	23:05
07/27/11 00:00:11.0	407		
07/27/11 18:09:52.5	408		
07/27/11 18:10:14.5	409		
07/27/11 18:10:33.5	410		
07/27/11 18:10:53.0	411		
07/27/11 18:11:12.0	412		
07/27/11 18:11:37.0	413		
07/27/11 18:12:02.5	414		
07/27/11 18:12:48.5	415		
07/27/11 18:13:20.0	416		
07/27/11 18:13:50.0	417		
07/27/11 18:14:15.5	418		
07/27/11 18:14:46.0	419		
07/27/11 18:15:05.5	420		

07/27/11 18:15:34.5	421		
07/27/11 18:16:07.0	422		
07/27/11 18:16:34.0	423		
07/27/11 18:17:19.0	424		
07/27/11 18:18:01.0	425		
07/27/11 18:18:45.0	426		
07/27/11 18:19:47.5	427		
07/27/11 18:20:41.5	428		
07/27/11 18:21:29.0	429		
07/27/11 18:22:20.5	430		
07/27/11 18:22:57.0	431		
07/27/11 18:23:47.0	432		
07/27/11 18:25:52.5	433		
07/27/11 18:29:42.5	434		
07/27/11 18:37:09.0	435		
07/27/11 18:40:44.0	436		
07/27/11 18:44:44.5	437		
07/27/11 18:51:34.5	438		
07/27/11 18:57:51.0	439	0.33	18:57
07/31/11 20:16:15.5	440		
07/31/11 20:17:39.0	441		
07/31/11 20:18:15.0	442		
07/31/11 20:18:43.0	443		
07/31/11 20:19:24.5	444		
07/31/11 20:20:14.5	445		
07/31/11 20:20:52.5	446		
07/31/11 20:21:17.0	447		
07/31/11 20:21:44.5	448		
07/31/11 20:22:07.0	449		
07/31/11 20:22:28.5	450		
07/31/11 20:22:59.5	451		
07/31/11 20:23:26.5	452		
07/31/11 20:23:47.5	453		
07/31/11 20:24:11.0	454		
07/31/11 20:24:37.5	455		
07/31/11 20:25:01.0	456		
07/31/11 20:25:20.0	457		
07/31/11 20:25:33.0	458		
07/31/11 20:25:45.5	459		
07/31/11 20:26:01.0	460		
07/31/11 20:26:27.5	461		
07/31/11 20:27:12.0	462		
07/31/11 20:27:54.0	463		
07/31/11 20:29:48.5	464		
07/31/11 20:40:39.5	465		

07/31/11 20:41:11.5	466		
07/31/11 20:41:39.5	467		
07/31/11 20:42:11.5	468		
07/31/11 20:42:38.0	469		
07/31/11 20:43:29.5	470		
07/31/11 20:44:13.0	471		
07/31/11 20:44:37.0	472		
07/31/11 20:44:59.0	473		
07/31/11 20:45:56.5	474		
07/31/11 20:47:10.5	475		
07/31/11 20:47:52.0	476		
07/31/11 20:48:37.0	477		
07/31/11 20:49:43.0	478		
07/31/11 20:51:39.5	479		
07/31/11 20:53:00.0	480		
07/31/11 20:54:01.0	481		
07/31/11 20:54:44.5	482		
07/31/11 20:55:28.5	483		
07/31/11 20:56:11.5	484		
07/31/11 20:56:50.0	485		
07/31/11 20:57:22.5	486		
07/31/11 20:57:54.5	487		
07/31/11 20:58:41.5	488		
07/31/11 20:59:33.5	489		
07/31/11 21:00:25.5	490		
07/31/11 21:01:05.0	491		
07/31/11 21:01:44.0	492		
07/31/11 21:02:43.0	493		
07/31/11 21:03:51.5	494		
07/31/11 21:04:45.0	495		
07/31/11 21:05:45.5	496		
07/31/11 21:06:48.5	497		
07/31/11 21:09:16.5	498		
07/31/11 21:25:30.0	499	0.6	1:09
08/03/11 00:43:17.5	500		
08/03/11 15:29:02.0	501		
08/03/11 15:32:39.0	502		
08/03/11 15:33:49.5	503		
08/03/11 15:35:10.5	504		
08/03/11 15:35:48.5	505		
08/03/11 15:36:12.5	506		
08/03/11 15:36:34.5	507		
08/03/11 15:36:51.5	508		
08/03/11 15:37:12.0	509		
08/03/11 15:37:29.0	510		

08/03/11 15:37:47.0	511		
08/03/11 15:38:14.0	512		
08/03/11 15:38:47.5	513		
08/03/11 15:39:16.5	514		
08/03/11 15:39:46.0	515		
08/03/11 15:40:14.0	516		
08/03/11 15:40:43.0	517		
08/03/11 15:41:05.5	518		
08/03/11 15:41:42.5	519		
08/03/11 15:42:12.5	520		
08/03/11 15:43:45.5	521		
08/03/11 15:45:18.5	522		
08/03/11 15:47:21.5	523		
08/03/11 15:50:02.0	524		
08/03/11 15:53:40.0	525		
08/03/11 15:56:29.0	526		
08/03/11 15:59:32.0	527		
08/03/11 16:03:07.0	528		
08/03/11 16:06:07.0	529		
08/03/11 16:11:18.5	530	0.31	15:28
08/04/11 16:42:48.0	531	0.01	0:29
08/05/11 22:17:22.5	532		
08/05/11 22:18:48.5	533	0.02	0:01
08/08/11 11:30:14.0	534	Tipped during data recovery	

Series	Event (Events)
Logger Info	Information specific to the logger
Model	HOBO Event (C) 1996 ONSET Computer Corp
Serial Number	11362
Memory Size (Bytes)	32768
Extra Info	Information used by tech support
Model Number	7
Version Number	4
Deployment	8
Series Info	Information about the data in the series
Points Used	53
First Point	08/08/11 11:33:01.0
Last Point	10/28/11 10:38:22.0
Duration	80 Days 23:05:21.0
Stats	Calculated from the series
Wrap Count	0
Event Sum	51.00
Launch Parameters	Mirrors the launch dialog settings
Description	4th qtr upper 11
Wrap	Off
Delay Start	Off
Stealth Mode	Off
Event Name	Events
Event Value	1.00
Lockout After Event	00:00:01.0

Date/Time	Event (Events)		
08/08/11 11:33:01.0	0	Initial Reading	
09/05/11 22:16:17.0	1		
09/05/11 22:34:21.5	2		
09/05/11 22:49:37.0	3		
09/05/11 23:00:22.0	4		
09/05/11 23:13:14.5	5		
09/05/11 23:24:47.0	6	0.06	1:08
09/06/11 00:25:47.0	7	0.01	1:01
09/15/11 19:10:28.5	8		
09/15/11 19:12:57.5	9		
09/15/11 19:13:59.0	10		
09/15/11 19:14:40.5	11		
09/15/11 19:15:29.5	12		
09/15/11 19:16:02.5	13		
09/15/11 19:16:48.5	14		

09/15/11 19:17:36.5	15		
09/15/11 19:18:37.5	16		
09/15/11 19:19:35.5	17		
09/15/11 19:20:22.5	18		
09/15/11 19:21:17.0	19		
09/15/11 19:22:26.0	20		
09/15/11 19:23:52.0	21		
09/15/11 19:24:49.5	22		
09/15/11 19:26:03.5	23		
09/15/11 19:29:54.5	24		
09/15/11 19:32:40.5	25		
09/15/11 19:33:55.0	26		
09/15/11 19:34:54.0	27		
09/15/11 19:35:55.0	28		
09/15/11 19:36:36.5	29		
09/15/11 19:37:46.5	30		
09/15/11 19:42:15.0	31		
09/15/11 19:47:44.5	32		
09/15/11 19:52:24.5	33		
09/15/11 20:03:36.0	34	0.27	0:53
09/17/11 02:27:06.5	35	0.01	0:03
10/05/11 19:33:09.0	36		
10/05/11 21:36:29.0	37		
10/05/11 22:40:41.0	38	0.03	3:07
10/06/11 00:50:11.5	39		
10/06/11 03:22:38.0	40		
10/06/11 05:06:56.0	41		
10/06/11 10:25:58.0	42		
10/06/11 10:26:43.5	43		
10/06/11 13:50:24.0	44		
10/06/11 13:51:32.5	45		
10/06/11 18:34:02.0	46		
10/06/11 18:34:06.0	47	0.09	17:43
10/08/11 09:57:42.5	48		
10/08/11 09:57:49.5	49	0.02	0:00
10/28/11 10:35:15.5	50		
10/28/11 10:36:58.0	51		
10/28/11 10:38:22.0	52	Last three readings likely tipped during data recovery	

Title: MAINTAIN RECORDS OF SOIL SALVAGE

Objective: Records of soil salvage will be maintained and included in the annual report. A soil specialist will oversee the soil removal. Soil pedestals will be left to verify soil removal depths.

Frequency: During phase 1 and 2 construction, the soils specialist will record topsoil salvaged and placed in the topsoil stockpile and number of acres salvaged.

Status: Ongoing

Reports: Provide an update to the number of acres salvaged and volumes salvaged in the Annual report "Topsoil Movement and Construction Record" and include a map of salvaged and undisturbed acreage.

Citation: R645-301-232.500 and R645-301-232.100 and N10045 abatement.

Operator Comments

In 2011 there has been no soil salvage work done at Lila canyon. A report is not required.

Reviewer Comments Met Requirements Did Not Meet Requirements

Title: SUBSOIL USED FOR CONSTRUCTION FILL

Objective: To record location of subsoil placement for use in reclamation. The location of subsoil with suitable reclamation characteristics will be mapped for ease of recovery and replacement during reclamation.

Frequency: During construction

Status: Ongoing

Reports: Annual report, Submit As built maps showing where subsoil materials have been used as fill material.

Citation: MRP, Section 232.500, Section 241, and Section 242.100.

Operator Comments

There have been no changes in cuts or fills in 2011. a report is not required.

Reviewer Comments Met Requirements Did Not Meet Requirements

Title: CREST STAGE GAUGES AND SIPHON SAMPLERS

Objective: Additional water-quality and quantity data.

Frequency: Quarterly monitoring for 2 years; Installation, maintenance and inspection to follow USGS protocols and on a frequency established by the Division. Monitoring required through August 2010 to supply required two years of data.

Status: Devices were installed March 2008 and August 2008. Summary of monitoring through August 2011 required for 2011 annual report.

Reports: Crest stage gauge and siphon sampler results to be provided in the annual report. The MRP (and CHIA) to be updated as needed.

Citation: Conditions to the Permit, Attachment A, Special Conditions (December 21, 2007).

Operator Comments

The crest stage gauges and siphon samplers were installed in March and August of 2008. The requirement was to monitor for two years. The monitoring permit ended in March and August of 2010. Since UEI has met the monitoring requirements the crest stage gauges and samplers have been removed. Data collection in 2011 was not required and none was collected.

Reviewer Comments Met Requirements Did Not Meet Requirements

Title: VEGETATION MONITORING

Objective: Submit color infrared photography. Submit and implement a mitigation plan, if results indicate impact from mining operations.

Frequency: Prior to any mining, and every 5 years after.

Status: Ongoing

Reports: Annual Report

Citation: MRP, Part B, Section 332, page 14.

Operator Comments

Infra-Red photography was done on August 21, 2011. A disk containing all the infra-Red photography is attached to this submittal. There has been no second mining at Lila therefore, no impacts to vegetation is possible.

Reviewer Comments Met Requirements Did Not Meet Requirements

Title: REACTIVATION OF OPERATIONAL MONITORING OF SURFACE WATER SAMPLING LOCATIONS
Objective: Quarterly sampling to initiate at least two years prior to resuming underground mining activities on sites L-7-G; L-8-G; L-9-G; L-11-G; L-12-G; L-13-G; L-14-G; L-18-S; L-19-S; IPA-1; IPA-2; IPA-3.
Frequency: Notify Division once, quarterly sampling
Status: Monitoring suspended as of October 2011, Division awaiting reactivation notification.
Reports: Annual Report, notify Division if/when mining is to occur.
Citation: MRP, Part B, Section 731.222, table 7-3

Operator Comments

The sites were deactivated in the third quarter of 2011. Reactivation of operational monitoring of surface water sampling locations was not required in 2011. The Division will be notified if/when mining will occur that could impact the sites.

Reviewer Comments Met Requirements Did Not Meet Requirements

Title: GENEVA MINE/ LILA CANYON FAN PORTAL BARRICADES
Objective: Inspect the Geneva Mine fan portal Barricades annually and report findings to Division and BLM.
Frequency: annually
Status: Ongoing
Reports: Annual Report.
Citation: MRP, Part B, Chapter 5, Section 529, page 54 and 55

Operator Comments

The old Geneva Mine fan portal barricades was monitoring on September 26, 2011 by EIS. There was no evidence of vandalism or tampering. A full report with photos starts of page 95 of this report.

Reviewer Comments Met Requirements

Did Not Meet Requirements

[Empty rectangular box for reviewer comments]

EIS Environmental & Engineering Consulting
31 North Main Street * Helper, Utah 84526
Office – (435) 472-3814 * Toll free – (800) 641-2927 * Fax – (435) 472-8780
eisec@preciscom.net

September 26, 2011

Jay Marshall
UtahAmerican Energy, Inc.
PO Box 910
East Carbon, UT 84520

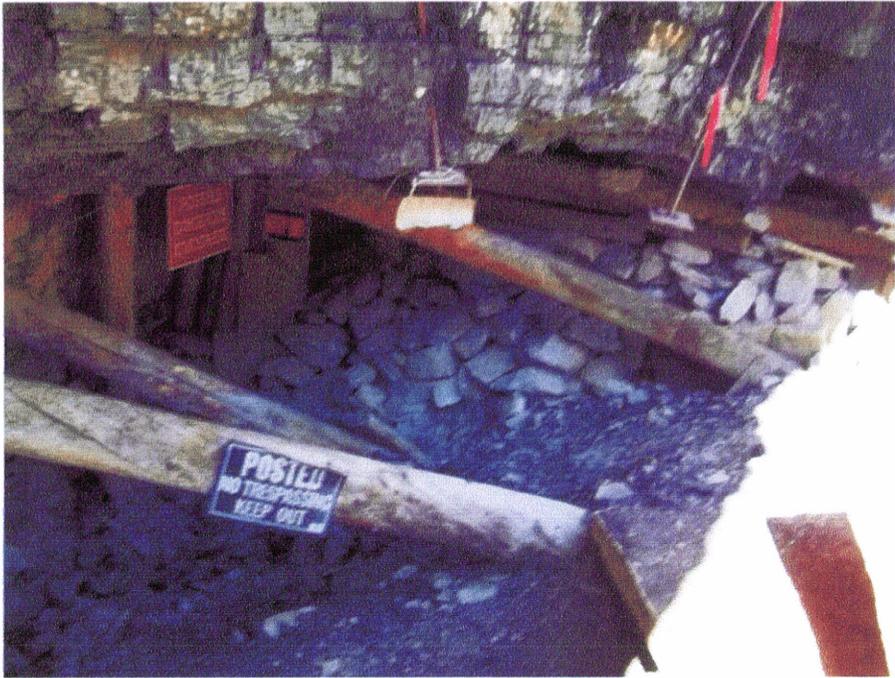
RE: Horse Canyon Mine Portal

Jay,

On September 26, 2011, Matthew Serfustini from EIS Environmental and Engineering Consulting visited the closed Horse Canyon Mine portals in Lila Canyon to inspect the portal fence and closures for signs of vandalism and general status. Several photographs were taken of the portals.

There was no evidence of vandalism or tampering of the southern portal fence and there were no openings or structural damage. There was no evidence of vandalism to the northern portal. The portal was sealed with rock and could not be entered.

EIS Environmental & Engineering Consulting
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eisec@preciscom.net





FUTURE COMMITMENTS AND CONDITIONS

The following commitments are not required for the current annual report year, but will be required by the permittee in the future as indicated by the "status" field. These commitments are included for information only, and do not currently require action. If you feel that the commitment is no longer relevant or needs to be revised, please contact the Division.

Title: MEXICAN SPOTTED OWL

Objective: Conduct two-year calling survey at least two years but no more than four years prior to undermining identified habitat. Results will be submitted to USFWS, DWR, and the Division immediately following each nighttime survey. If owls are observed, the agencies will immediately coordinate to determine appropriate measures.

Frequency: Dependent on habitat and mine plan

Status: Ongoing

Reports: Submit final reports in annual report.

Citation: MRP, Part B, Section 333, page 17.

Title: SUBSOIL USE IN RECLAMATION

Objective: Subsoils found to be contaminated with oil, grease, or salts through visual evaluation will be hauled to a landfill site.

Frequency: Once

Status: Ongoing

Reports: None

Citation: MRP, part B, Section 232.500

Title: APPLICATION OF INNOCULUM

Objective: An inoculum will be applied to the reclaimed soil surface to re-establish bacteria, mycorrhiza and mycelium in the soil. At the time of permitting, the exact product to be applied to the soil is not defined, however, the Division expects that the best technology available at the time of reclamation will be employed, as per R645-301-333.

Frequency: During Reclamation

Status: Ongoing

Reports: Division consultation

Citation: MRP, Part B, Section 241.

Title: TWO MONITORING WELLS TO BE ESTABLISHED IN FUTURE BOREHOLES

Objective: Monitor water levels and water quality within the permit and adjacent areas.

Frequency: If wells are established.

Status: To be done when and if additional holes are bored from the surface to the coal seam.

Reports: Water quality and quantity data will be included in the quarterly hydrology reports. The MRP (and CHIA) to be updated as needed.

Citation: Conditions to the Permit, attachment A, special conditions (December 21, 2007).

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Title: LILA CANYON MINE SALVAGE OF CRYPTOGRAMS ON TOPSOIL PILE PRIOR TO RECLAMATION.

Objective: Salvaged cryptograms will be added to the wood fiber mulch and hydrosprayed on the surface of the reclaimed site.

Frequency: Immediately after seeding of the reclaimed site.

Status: During reclamation of the Lila Canyon Mine.

Reports: Success of cryptogamic establishment will be evaluated (by Division and Permittee) prior to collection from topsoil stockpile.

Citation: MRP, Part B, Section 232.100, and Section 234.230

[Empty rectangular box]

OPERATOR COMMENTS (OPTIONAL)

[Empty rectangular box for operator comments]

REVIEWER COMMENTS

[Empty rectangular box for reviewer comments]

REPORTING OF OTHER TECHNICAL DATA

Please list other technical data or information that was not included in the form above, but is required under the approved plan, which must be periodically submitted to the Division.

Please list attachments:

Reviewer Comments

MAPS

Copies of mine maps, current and up-to-date through at least December 31, 2011, are to be provided to the Division as an attachment to this report in accordance with the requirements of R645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential.

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
Annual subsidence map	Not Required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mine Map	2011 Coal Prod.. & Projections	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Reviewer Comments Met Requirements Did Not Meet Requirements

If the Division is NOT going to keep the requested map Confidential then they CANNOT require the copies be made in accordance with 30 CFR 75.1200 as required by MSHA. MSHA keeps these maps Confidential according to CFR 75.1203.

A striped down map has been submitted on Page 102 of this report. All CONFIDENTIAL information has been removed.

