CALICO RESOURCES USA CORP.
GRASSY MOUNTAIN MINE PROJECT
MALHEUR COUNTY, OREGON

AIR QUALITY RESOURCES BASELINE REPORT

JANUARY 2018

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LIST OF ABBREVIATIONS AND ACRONYMS

$\mu g/m^3$	microgram per cubic meter
BGI	BGI Incorporated
Bison	Bison Engineering, Inc.
BLM	Bureau of Land Management
CAA	Clean Air Act
CAAA	Clean Air Act Amendments of 1990
CFR	Code of Federal Regulations
CO	carbon monoxide
EPA	United States Environmental Protection Agency
FR	Federal Register
HAP	hazardous air pollutant
Hg	mercury
mg/m^3	milligram per cubic meter
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NESHAP	National Emission Standard for Hazardous Air Pollutants
NO_2	nitrogen dioxide
NSPS	New Source Performance Standards
O_3	ozone
ODEQ	Oregon Department of Environmental Quality
Pb	lead
PM_{10}	particulate matter less than ten microns in aerodynamic diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in aerodynamic diameter
ppb	parts per billion
ppm	parts per million
Project	Grassy Mountain Mine Project
PSD	Prevention of Significant Deterioration
SIP	State Implementation Plan
SO_2	sulfur dioxide
Study Area	Local Air Quality Study Area
Title V	Federal Operating Permit Program
tpy	tons per year

1 INTRODUCTION

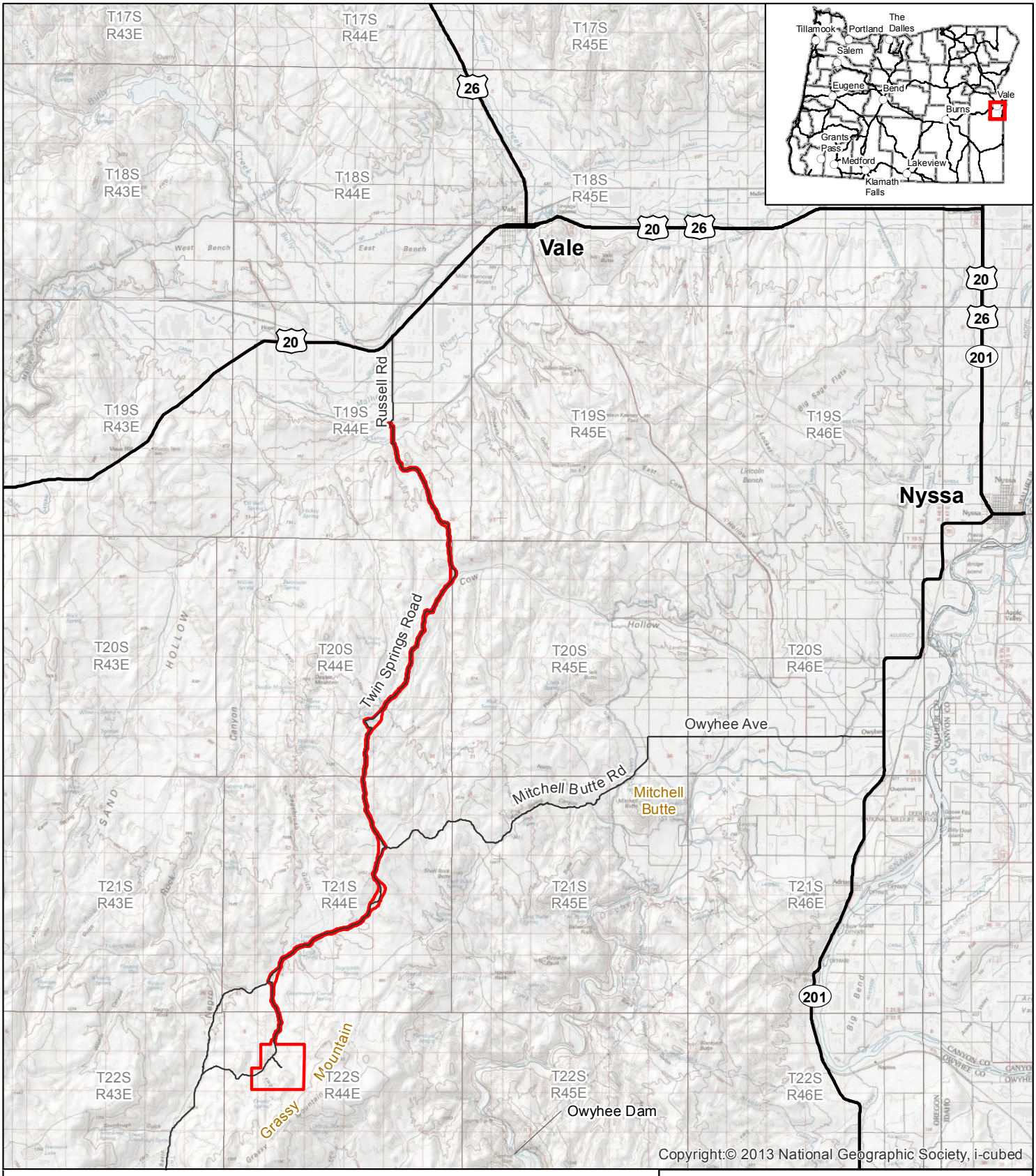
The purpose of this air quality resources baseline report is to document existing ambient criteria air pollutant levels in the study area prior to the start of proposed mining operations at the Grassy Mountain Mine Project (Project) near the City of Vale in Malheur County, Oregon. This baseline report will be used to support a National Environmental Policy Act (NEPA) evaluation for future mine site activities, and will be included in the Consolidated Permit Application submitted to the Oregon Department of Geology and Mineral Industries. A large portion of the text and data used in this report has been taken from the November 2015 *Ambient Air Monitoring Program Final Summary Report July 31, 2014 – September 30, 2015* prepared for the Project by Bison Engineering, Inc. (Bison) (Attachment A). Data from the November 2015 report has been summarized in this report, but has not been altered. The methodology for choosing a site for the background concentration is included in this report.

2 RESOURCE STUDY AREA

The Project is located in Malheur County, Oregon, approximately 22 miles south-southwest of Vale (Figure 1), and consists of two areas: the Mine and Process Area and the Access Road Area (Permit Area) (Figure 2).

The Mine and Process Area is located on three patented lode mining claims and unpatented lode mining claims that cover an estimated 886 acres. These patented and unpatented lode mining claims are part of a larger land position that includes 419 unpatented lode mining claims and nine mill site claims on lands administered by the Bureau of Land Management (BLM) (Figure 2). All proposed mining would occur on the patented claims, with some mine facilities on unpatented claims. The Mine and Process Area is in all or portions of Sections 5 through 8, Township 22 South, Range 44 East (T22S, R44E) (Willamette Meridian).

The Access Road Area is located on public land administered by the BLM, and private land controlled by others (Figure 2). A portion of the Access Road Area is a Malheur County Road named Twin Springs Road. The Access Road Area extends north from the Mine and Process Area to Russell Road, a paved Malheur County Road. The Access Road Area is in portions of Section 5, T22S, R44E, Sections 3, 10, 11, 14, 15, 21 through 23, 28, 29, and 32, T21S, R44E, Sections 1, 12 through 14, 23, 26, 27, and 34, T20S, R44E, Sections 6 and 7, T20S, R45E, and Sections 22, 23, 26, 35, and 36, T19S, R44E (Willamette Meridian). The width of the Access Road Area is 300 feet (150 feet on either side of the access road centerline) to accommodate possible minor widening or re-routing, and a potential powerline adjacent to the access road. There are several areas shown that are significantly wider than 300 feet on the Permit Area Map (Figure 2), which are areas where the final alignment has not yet been determined. The final engineering of the road will be consistent throughout, and within the Permit Area. The Access Road Area also includes a buffer on either side of the proposed road width for the collection of environmental baseline data. The road corridor will be 40 feet wide, which includes a 24-foot wide road travel width (12 feet on either side of the road centerline), four-foot wide shoulders on each side of the road, minimum one-foot wide ditches on each side of the road, and appropriate cut and fill. The Access Road Area totals approximately 876 acres. The Local Air Quality Study Area (Study Area) is shown on Figure 3.



Explanation

- Permit Area
- Existing Road

Projection: UTM Zone 11 North, NAD83, meters

0 5,000 10,000 Feet

0 1 2 Miles

N

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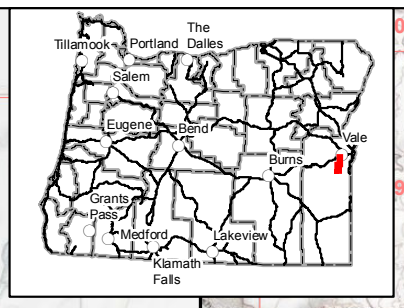
GRASSY MOUNTAIN MINE PROJECT

Location Map

Figure 1

Date: 12/19/2017	Drawn By: JDB
Revised:	Project No.: 3672
Base Map: USGS 100K quads: Boise, Brogan, Vale, Weiser	
File Name: 3672G_GrassyMtn_BL__Fig01_Location.mxd	

EM STRATEGIES



Russell Road

T19S R44E

T20S R44E

T20S R45E

T21S R44E

T22S R44E

Twin Springs Road

Match Line

Match Line

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Explanation

- Permit Area
- Mine and Process Area
- Access Road Area
- Patented Lode Claims
- Proposed Access Road
- Possible Road Realignment

Projection: UTM Zone 11 North, NAD83, meters

0 2,000 4,000 6,000 8,000 10,000 Feet

0 1 2 Miles

N

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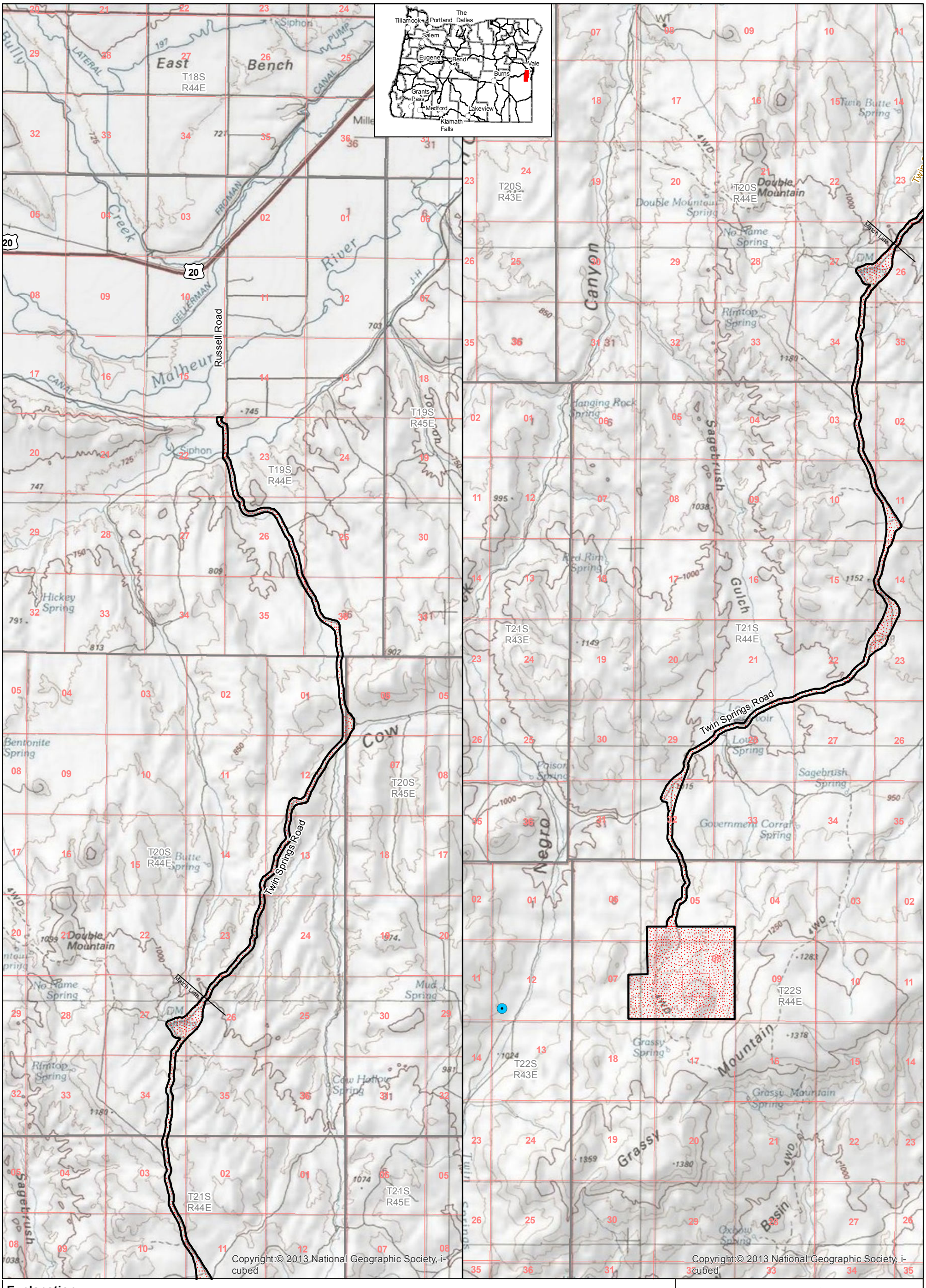
GRASSY MOUNTAIN MINE PROJECT

Permit Area Map

Figure 2

Date:	12/19/2017	Drawn By:	JDB
Revised:		Project No.:	3672
Base Map:	USGS 7.5' quads: Double Mountain, Grassy Mountain, Kane Spring Gulch, Sourdough Spring, Vale West		
File Name:	3672G_GrassyMtn_BL__Fig02_PermitArea.mxd		

EM STRATEGIES



Explanation

- Permit Area
- Local Air Quality Study Area
- Air Monitoring Station

Projection: UTM Zone 11 North, NAD83, meters

0 2,000 4,000 6,000 8,000 10,000 Feet

0 1 2 Miles

N

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GRASSY MOUNTAIN MINE PROJECT

Local Air Quality Study Area

Figure 3

Date: 01/08/2018	Drawn By: JDB
Revised:	Project No.: 3672
Base Map: USGS 7.5' quads: Double Mountain, Grassy Mountain, Kane Spring Gulch, Sourdough Spring, Vale West	
File Name: 3672G_GrassyMtn_BL_AQ_Fig03_StudyArea.mxd	

EM STRATEGIES

3 REGULATORY FRAMEWORK

Ambient air quality and the emission of air pollutants are regulated under both federal and state laws and regulations. The federal and state ambient air quality standards are the minimum standards of quality for ambient air. Specific regulations potentially applicable to the Project include the following: National Ambient Air Quality Standards (NAAQS); Attainment and Nonattainment Areas; Prevention of Significant Deterioration (PSD); New Source Performance Standards (NSPS); National Emission Standard for Hazardous Air Pollutants (NESHAP); Federal Operating Permit Program (Title V); and State of Oregon air quality regulations and standards for permits.

3.1 Federal

3.1.1 Clean Air Act

The Clean Air Act (CAA), and the subsequent Clean Air Act Amendments of 1990 (CAAA), require the United States Environmental Protection Agency (EPA) to set NAAQS to protect public health and welfare. The CAA and the CAAA establish NAAQS for six pollutants, known as "criteria" pollutants because the ambient standards set for these pollutants satisfy the human health-based and/or environmentally-based criteria (scientific-based guidelines) specified in the CAA. The criteria pollutants and their currently applicable NAAQS set by the EPA are listed in Table 1. The most recent revisions include amendments to standards for the following pollutants (dates represent publication in the Federal Register [FR]): particulate matter less than ten microns in aerodynamic diameter (PM_{10}) and particulate matter less than 2.5 microns in aerodynamic diameter ($PM_{2.5}$) (EPA 2013); ozone (O_3) (EPA 2008a); lead (Pb) (EPA 2008b); nitrogen dioxide (NO_2) (EPA 2010a); sulfur dioxide (SO_2) (EPA 2010b); and carbon monoxide (CO) (EPA 2011). All updated standards are effective in all states on the "effective" dates noted in the FR.

Table 1: Federal Ambient Air Quality Standards for Criteria Pollutants

Pollutant		Standards (Primary/Secondary)	Averaging Time	Level
Carbon Monoxide (CO)		primary	8-hour	9 ppm (10 mg/m^3)
			1-hour	35 ppm (40 mg/m^3)
Lead (Pb)		primary and secondary	Rolling 3-month average	0.15 $\mu g/m^3$ (1)
Nitrogen Dioxide (NO_2)		primary	1-hour	100 ppb (188 $\mu g/m^3$)
		primary and secondary	Annual	53 ppb (100 $\mu g/m^3$) (2)
Ozone (O_3)		primary and secondary	8-hour	0.070 ppm (150 $\mu g/m^3$) (3)
Particulate Matter	$PM_{2.5}$	primary	Annual	12 $\mu g/m^3$
		secondary	Annual	15 $\mu g/m^3$
		primary and secondary	24-hour	35 $\mu g/m^3$
	PM_{10}	primary and secondary	24-hour	150 $\mu g/m^3$
Sulfur Dioxide (SO_2)		primary	1-hour	75 ppb (196 $\mu g/m^3$) (4)
		secondary	3-hour	0.5 ppm (1,300 $\mu g/m^3$)

mg/m^3 – milligram per cubic meter; ppb – parts per billion

(1) In areas designated nonattainment for Pb standards prior to the promulgation of the current (2008) standards, and for which implementation plans to attain or maintain the current (2008) standards have not been submitted and

approved, the previous standards (1.5 microgram per cubic meter ($\mu g/m^3$) as a calendar quarter average) also remain in effect.

(2) The level of the annual NO_2 standard is 0.053 parts per million (ppm). It is shown here in terms of ppb for the purposes of clearer comparison to the 1-hour standard level.

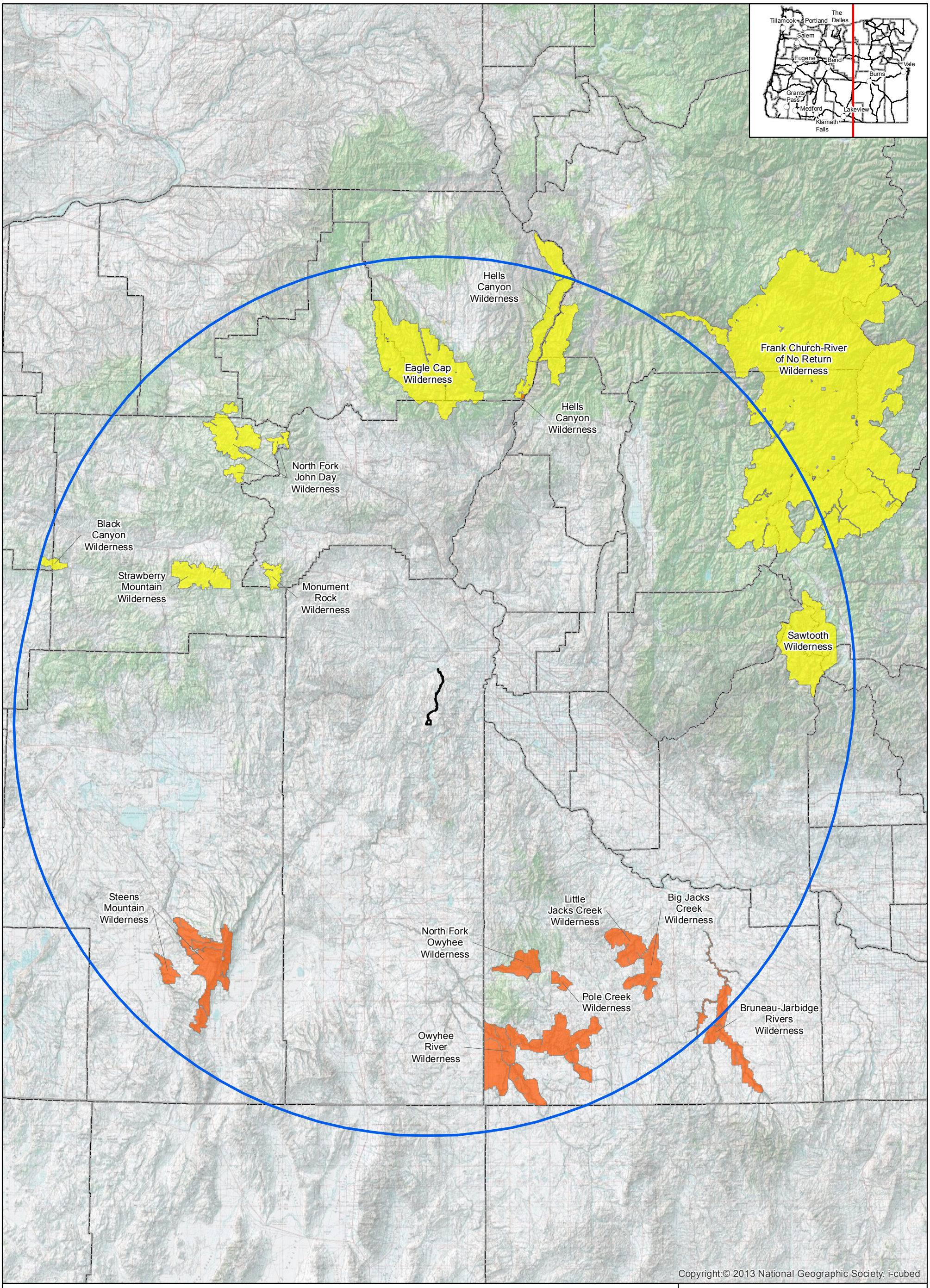
(3) Final rule signed October 1, 2015, and effective December 28, 2015. The previous (2008) O_3 standards additionally remain in effect in some areas. Revocation of the previous (2008) O_3 standards and transitioning to the current (2015) standards will be addressed in the implementation rule for the current standards.

(4) The previous SO_2 standards (0.14 ppm 24-hour and 0.03 ppm annual) will additionally remain in effect in certain areas: (1) any area for which it is not yet one year since the effective date of designation under the current (2010) standards; and (2) any area for which implementation plans providing for attainment of the current (2010) standard have not been submitted and approved and which is designated nonattainment under the previous SO_2 standards or is not meeting the requirements of a State Implementation Plan (SIP) call under the previous SO_2 standards (40 CFR 50.4(3)). A SIP call is an EPA action requiring a state to resubmit all or part of its SIP to demonstrate attainment of the required NAAQS.

3.2 Attainment and Nonattainment Areas

Pursuant to the CAA, the EPA has developed classifications for distinct geographic regions known as air basins. Under these classifications, for each federal criteria pollutant, each air basin (or portion of an air basin [or "planning area"]) is classified as in "attainment" if: the air basin (or planning area) has "attained" compliance with (i.e. not exceeded) the adopted NAAQS for that pollutant; is classified as "non-attainment" if the levels of ambient air pollution exceed the NAAQS for that pollutant; or is classified as "maintenance" if the monitored pollutants have improved from non-attainment levels to attainment levels. Air basins for which sufficient ambient monitoring data are not available are designated as "unclassified" for those particular pollutants until actual monitoring data support formal "attainment" or "non-attainment" classification. The Project is within an area which is unclassified and therefore, presumed to be in attainment.

In addition to the designations relative to attainment of conformance with the NAAQS, the CAA requires the EPA to place each planning area within the United States into one of three classes which are designed to limit the deterioration of air quality when it is "better than" the NAAQS. "Class I" is the most restrictive air quality category and was created by Congress to prevent further deterioration of air quality in National Parks and Wilderness Areas of a given size which were in existence prior to 1977, or those additional areas that have since been designated Class I under federal regulations (40 Code of Federal Regulations [CFR] 52.21). All remaining areas outside of the designated Class I boundaries were designated Class II planning areas, which allow a relatively greater deterioration of air quality once the Minor Source Baseline Date has been set. No Class III areas have been designated. Regardless of the class of the planning area, the air quality cannot exceed the NAAQS. The operator of any new major stationary source or major modification that may affect visibility of a Class I area is required to contact the federal managers for that area (40 CFR Section 51.307). As stated in the approved *Environmental Baseline Study Work Plans* (EM Strategies, Inc. 2017), a distance of 200 kilometers from Class I areas is being used for this Project. There are eight United States Forest Service-managed wilderness areas and six BLM-managed wilderness areas within 200 kilometers of the Study Area (Figure 4).



Explanation

- Local Air Quality Study Area
- Local Air Quality Study Area 200km Buffer
- BLM Wilderness Area
- USFS Wilderness Area

Projection: UTM Zone 11 North, NAD83, meters

0 20 40 Miles

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GRASSY MOUNTAIN MINE PROJECT

Wilderness Areas
Within 200 Kilometers

Figure 4

Date: 12/20/2017	Drawn By: JDB
Revised:	Project No.: 3672
Base Map: USGS 7.5' quads: Double Mountain, Grassy Mountain, Kane Spring Gulch, Sourdough Spring, Vale West	
File Name: 3672G_GrassyMtn_BL_AQ_Fig04_Wild.mxd	

EM STRATEGIES

3.3 Prevention of Significant Deterioration

Federal PSD applicability regulations limit the maximum allowable increase in ambient particulate matter in a Class I planning area, resulting from a major or minor stationary source, to four $\mu g/m^3$ (annual geometric mean) and eight $\mu g/m^3$ (24-hour average). For Class II planning areas the maximum allowable increase is 17 $\mu g/m^3$ (annual geometric mean) and 30 $\mu g/m^3$ (24-hour average). Increases in other criteria pollutants are similarly limited. Specific types of facilities that emit, or have the potential to emit, 100 tons per year (tpy) or more of PM_{10} or other criteria air pollutants, or any other facility that emits, or has the potential to emit, 250 tpy or more of PM_{10} or other criteria air pollutants, is considered a major stationary source under this regulation.

3.4 New Source Performance Standards

NSPS were established by the CAA. The standards, which are for new or modified stationary sources, require the sources to achieve the best demonstrated emissions control technology. The NSPS apply to specific types of processes which, in the case of the Project include units used to process metallic minerals. The requirements applicable to these existing units are found in 40 CFR Part 60, Subpart LL (Standards of Performance for Metallic Mineral Processing Plants).

3.5 National Emission Standard for Hazardous Air Pollutants

On February 17, 2011, the EPA added the gold mine ore processing and production area source category to the list of source categories to be regulated under Section 112(c)(6) of the CAA, promulgating NESHAP to regulate mercury (Hg) emissions from this source category. Gold mine ore processing and production facility means any industrial facility engaged in the processing of gold mine ore that uses any of the following processes: roasting operations; autoclaves; carbon kilns; pregnant tanks; electrowinning; Hg retorts; or melt furnaces.

3.6 Federal Operating Permit Program

As part of the CAAA, a facility wide permitting program was established for larger sources of pollution or sources subject to a NESHAP. This program, known as the Title V program, requires that these "major sources" of air pollutants submit a Title V permit application. For facilities to be classified as a "major source," a facility must emit more than 100 tpy of any regulated pollutant, ten tpy of any single hazardous air pollutant (HAP), or 25 tpy or more of any combination of HAPs, from applicable sources.

3.7 State

3.7.1 Oregon State Air Quality Program

The CAA allows for the EPA to delegate primary responsibility for air pollution control to state governments, which in turn often delegate this responsibility to local or regional organizations. The SIP was originally the mechanism by which a state set emission limits and allocated pollution control responsibility to meet the NAAQS. The function of a SIP broadened after passage of the CAAA and now includes the implementation of specific technology based emission standards, permitting of sources, collection of fees, coordination of air quality planning, and PSD of air quality within regional planning areas and statewide. Section 176 of the CAA, as amended,

requires that federal agencies must not engage in, approve, or support in any way any action that does not conform to a SIP for the purpose of attaining ambient air quality standards.

The Oregon Department of Environmental Quality (ODEQ) is the agency in the State of Oregon that has been delegated the responsibility for implementing a SIP. Also, parts of the SIP are the NAAQS. The NAAQS are discussed above in Section 3.1.1. The ODEQ is responsible for permit and enforcement activities throughout the State of Oregon.

The Project Area is located in Malheur County, Oregon. The regulatory authority for air quality within the County is the ODEQ. Before any construction of a potential source of air pollution can occur, an air quality permit must be obtained from the ODEQ. The ODEQ permitting program implements the Title V federal operating permitting program, as well as the new source review (minor and major) permitting program.

3.7.2 Oregon State Ambient Air Quality Standards

Oregon has adopted the NAAQS as the state standard. These standards of quality for ambient air are minimum goals, and are intended to protect the existing quality of the Oregon air to the extent that it is economically and technically feasible to do so.

4 STUDY METHODOLOGY

4.1 Ambient Air Quality Monitoring

HDR Engineering, Inc. established an ambient monitoring site near the proposed Project, to measure baseline air quality and meteorology in the vicinity of the proposed Grassy Mountain mine site. The site was operated by Bison of Helena and Billings, Montana. Figure 3 shows the location of the monitoring site.

4.2 Ambient Air Quality Monitoring Methods

In July 2014, a particulate monitoring system was installed to measure $PM_{2.5}$ and PM_{10}. Data collection began on July 31, 2014.

4.2.1 Monitoring Equipment

Particulate sampling was accomplished using BGI Incorporated (BGI) Model PQ200 battery-powered low volume samplers, while meteorological monitoring was performed using a ten-meter tilt-over tower. Activities associated with the particulate sampling and meteorological monitoring are described in Sections 4.2.1.1 and 4.2.1.2.

4.2.1.1 Particulate Sampling

Bison used three BGI PQ200 samplers for particulate monitoring. These samplers have been designated by the EPA as an equivalent method for the determination of $PM_{2.5}$ and PM_{10} in ambient air (Designation No. EQPM-0202-142). All three samplers used a PM_{10} sampling head to exclude particles with an aerodynamic diameter larger than ten microns. In addition, the $PM_{2.5}$ samplers included a Very Sharp Cut Cyclone separator to also exclude particles with an aerodynamic

diameter larger than 2.5 microns. The PQ200 samplers are specifically designed to comply with the requirements of the NAAQS for Particulate Matter (40 CFR 50), and to facilitate sampling as specified in that document.

All three samplers were powered by 12-volt deep-cycle batteries, which were recharged by dedicated solar panels. The power systems proved to be reliable and no sampling episodes were missed due to power failures.

The exposed sample filters were stored at a temperature of less than or equal to four degrees Celsius following retrieval and submitted to the Bison-Billings Office for gravimetric analysis approximately once every two weeks. Average 24-hour $PM_{2.5}$ and PM_{10} concentrations were calculated using net filter particulate weights, and the individual data files generated by each sampler for each sampling event. Those files provide 24-hour averages of the sampler flow rate, along with five-minute averages of ambient temperature, filter temperature, ambient barometric pressure and system pressure. Collocated results from the two $PM_{2.5}$ samplers were used to determine the sampling precision statistics presented in Section 3.0 of the November 2015 Bison report (Attachment A).

Each time a new sampling filter was installed, the site operator performed a leak test and also checked the sampler's ambient temperature, filter temperature, ambient pressure, and flow rate readings with a certified BGI Delta Cal unit. The samplers were calibrated when they were initially deployed and once per calendar quarter thereafter. They were audited once per calendar quarter and shortly after the conclusion of the monitoring program. The audits and calibrations were performed by different people, using different reference standards. All results were satisfactory over the duration of the monitoring program. Particulate sampler calibration results are discussed in Section 4.0 and Appendix A of the November 2015 Bison report (Attachment A). Audit results are discussed in Section 5.0 and Appendix B of the November 2015 Bison report (Attachment A).

4.2.1.2 Meteorological Monitoring

In August 2014, a ten-meter meteorological tower was installed to monitor wind speed, wind direction, standard deviation of wind direction, temperature at nine meters and two meters, delta temperature, relative humidity, barometric pressure, solar radiation, and precipitation.

Meteorological monitoring was performed using the equipment described in Section 4.2.1. The meteorological monitoring system began operation on August 1, 2014, but a solar battery charging issue caused the meteorological system to fail at the end of August 6. The problem was corrected on August 19, and the system generally operated reliably thereafter. However, in late December a total of 19 hours of data were lost because of persistent fog, which prevented the solar panels from sufficiently charging the 12-volt batteries that powered the meteorological datalogger and tower instruments. Also, the wind speed sensor cups and wind direction sensor vane were frozen in place by heavy rime ice during several episodes in December 2014 and January 2015; data from those periods were excluded from reporting and analysis. Data were downloaded by the site operator during each site visit and transmitted electronically to the Bison-Helena office.

The meteorological system was calibrated at the time of initial installation on August 1, 2014. Subsequently, the calibration of the meteorological system was checked (audited) once each calendar quarter. Any necessary calibration adjustments were made immediately after the initial

checks. The audits (and calibration adjustments, if needed) were made by different people using different reference standards in successive calendar quarters. A final shutdown audit was performed on October 6, 2015, and all instruments were removed from the tower at that time. All meteorological audit results were satisfactory over the duration of the monitoring program, and no data losses occurred beyond those described above. The meteorological audit and calibration results are discussed in sections 4.0 and 5.0 and Appendix C of the November 2015 Bison report (Attachment A).

5 BASELINE CHARACTERIZATION

5.1 Background Concentration Site Selection

No monitoring has been performed within the Study Area for ambient concentrations of CO, NO_2, O_3, or SO_2, nor do regulatory agencies specify background concentrations for these pollutants. However, background values are necessary for the purpose of a NEPA analysis. Most monitoring is undertaken in locations with relatively high population density where high pollutant levels might be expected. It is difficult to find monitoring data from locations as remote as the Study Area with representative data.

In the absence of major population centers, commercial activity, or highways near the Project site, the background concentrations of CO, NO_2, and SO_2 at the Project boundary are expected to be very low. Taking into consideration the surrounding settings (terrain, land use, and proximity of sources), the ambient monitoring data collected at the St. Luke's Meridian station (16-001-0010) in Meridian, Idaho, will be used to provide conservative background concentrations for the Project. This station has collected CO, NO_2, and SO_2 ambient concentrations between 2012 and 2017. This station is the closest monitoring station by proximity to the Study Area. Due to its semi urban location and proximity to the City of Boise, the data collected at this station are used as extremely conservative values as compared to the isolated and rural setting of the Study Area.

4.3.1 Background Concentration Calculation Methods

The background concentration calculations shown in Table 2 were taken from a combination of on-site data collection (described previously) and EPA monitoring station data. The data for years 2014, 2015, 2016 are used; however, when multiple data sets are present the most complete data set is used. The 8-hour and 1-hour CO concentrations are taken from an average of the arithmetic mean for the chosen years. The lead rolling three-month average concentration is derived by dividing the average annual arithmetic mean by a factor of four to represent the quarterly average over the selected years. The NO_2 1-hour concentration has been calculated by averaging the 98^{th} percentile high over the years 2014 to 2016. The annual NO_2 background concentration has been calculated using an average of the arithmetic mean over the three years of chosen data. The 8-hour O_3 concentration has been calculated using the average of the fourth highest value over the chosen data sets. SO_2 background concentrations for the 1-hour standard have been calculated using the 99^{th} percentile averaged over three consecutive years while the 3-hour standard has been calculated using the arithmetic mean over the same two years (2014 to 2016).

The background concentrations for PM_{10} and $PM_{2.5}$ were taken from the on-site data collected between October 2014 and September 2015. The data selected was the second highest for both 24-hour concentration standards. For the $PM_{2.5}$ annual background concentration the annual

average was used. Due to wildfires occurring in the area of the on-site study during the study period, those data were removed from use in calculating the PM_{10} and $PM_{2.5}$ background concentrations.

Table 2: Ambient Pollutant Concentration Summary

Standard	Concentration	Source	Method
Carbon Monoxide 8-Hour	0.244 ppm	16-001-0010 Meridian, ID	2014-2016 (annual mean)
Carbon Monoxide 1-Hour	0.244 ppm	16-001-0010 Meridian, ID	2014-2016 (annual mean)
Lead 3-Month Average	1.99E-04	16-001-0010 Meridian, ID	2014-2016 (annual mean divided by 4)
Nitrogen Dioxide 1-Hour	43.63 ppb	16-001-0010 Meridian, ID	2014-2016 (average 98th percentile)
Nitrogen Dioxide Annual	10.72 ppb	16-001-0010 Meridian, ID	2014-2016 (annual mean)
Ozone 8-Hour	.063 ppm	16-001-0010 Meridian, ID	2014-2016 (Annual Fourth High Average)
$PM_{2.5}$ 24-Hours	21 ug/m^3	Site Collected Data	Oct.2014-Sept.2015 Second High (less dates affected by wildfire smoke)
$PM_{2.5}$ Primary Annual	4.6 ug/m^3	Site Collected Data	Oct.2014-Sept.2015 Adjusted Annual Average (less dates affected by wildfire smoke)
PM_{10} 24-Hours	23 ug/m^3	Site Collected Data	Oct.2014-Sept.2015 Second High (less dates affected by wildfire smoke)
Sulfur Dioxide 1-Hour	4.17 ppb	16-001-0010 Meridian, ID	2014-2016 (average 99th percentile)
Sulfur Dioxide 3-Hours	.623 ppb	16-001-0010 Meridian, ID	2014-2016 (annual mean)

Source: EPA 2017; Bison 2015

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ATTACHMENT A

Ambient Air Monitoring Program Final Summary Report, July 31, 2014 – September 30, 2015

CALICO RESOURCES
GRASSY MOUNTAIN EXPLORATION PROJECT
VALE, OREGON
AMBIENT AIR MONITORING PROGRAM

Final Summary Report
July 31, 2014 – September 30, 2015

Prepared for:

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November 10, 2015

CERTIFICATION OF DATA INTEGRITY

Bison Engineering, Inc., certifies the data in this report is an accurate summary of the air quality conditions measured at the Calico Resources USA Corporation air monitoring site. Every effort was made to obtain accurate and representative data and to comply with the procedures set forth in the project-specific *Quality Assurance Project Plan*, and the Environmental Protection Agency's *Quality Assurance Handbook for Air Pollution Measurement Systems: Volume I, A Field Guide to Environmental Quality Assurance (April 1994), Volume II, Ambient Air Quality Program (May 2013), and Volume IV, Meteorological Measurements (March 2008).*

Preparer: Jeffrey S. Bell

Signature:

Title: Senior Field Technician

Date: 11/9/15

Reviewer: Steven R. Heck

Signature:

Title: Meteorologist

Date: 11-9-2015

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APPENDICES

1.0 INTRODUCTION

HDR, Inc. (HDR) established an ambient monitoring site near Vale, Oregon, to measure baseline air quality and meteorology near the proposed Grassy Mountain mine site for Calico Resources USA Corporation (Calico Resources).

- In July 2014, a particulate monitoring system was installed to measure particulate matter having an aerodynamic diameter of a nominal 2.5 microns (micrometers) or less ($PM_{2.5}$) and particulate matter having an aerodynamic diameter of a nominal 10 microns (micrometers) or less (PM_{10}). Data collection began on July 31, 2014.

- In August 2014, a 10-meter meteorological tower was installed to monitor wind speed, wind direction, standard deviation of wind direction, temperature at 9 meters and 2 meters, delta temperature, relative humidity, barometric pressure, solar radiation, and precipitation. Data collection began on August 1, 2014.

- Monitoring was discontinued after September 30, 2015, when four full calendar quarters of particulate and meteorological data had been collected. A shutdown audit was performed and all instruments were removed from the site on October 6, 2015.

The site was operated by Bison Engineering, Inc. (Bison), of Helena and Billings, Montana. Figures 1a and 1b show the location of the monitoring site.

This final report presents the data collected during the ambient monitoring program conducted from July 31, 2014, to September 30, 2015. In addition, a description of the monitoring system operations is presented, together with summaries of quality assurance activities, including calibrations, and performance audits. Tabular summaries of the data completeness achieved and the periods of missing data also are presented.

Figure 1. Monitoring Site Location

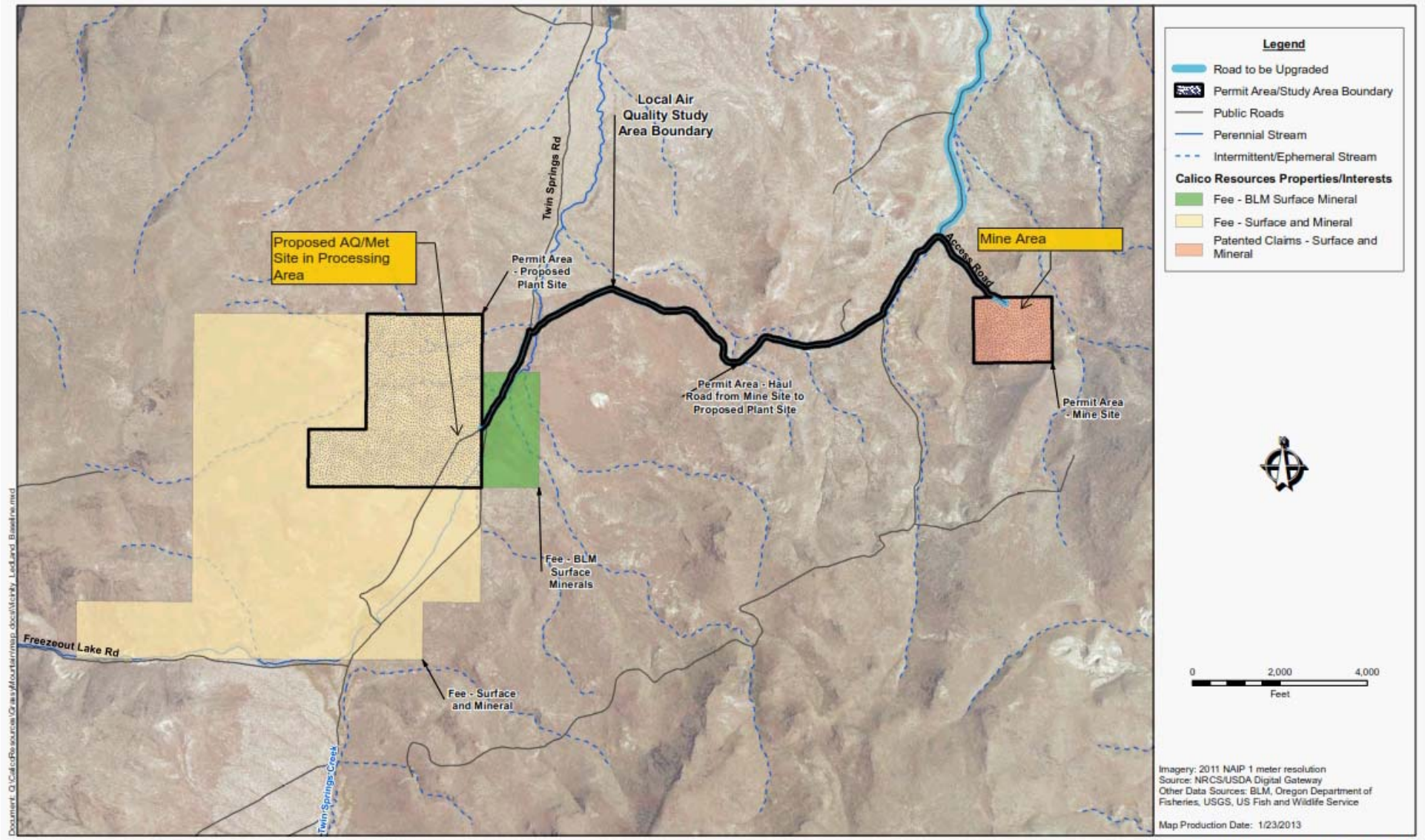


Figure 21. Local Air Quality Study Area
Calico Resources, Grassy Mountain Project
Malheur County, OR

2.0 MONITORING SYSTEM OPERATIONS

Monitoring at the Grassy Mountain site was performed using equipment and procedures specified in the *Quality Assurance Project Plan for the Calico Resources Corporation Grassy Mountain Project Ambient Air Monitoring Program at Malheur County, Oregon*. Particulate sampling ($PM_{2.5}$ and PM_{10}) was accomplished using BGI Model PQ200 battery-powered low volume samplers, while meteorological monitoring was performed using a 10-meter tilt-over tower. Activities associated with the particulate sampling and meteorological monitoring are described in Sections 2.1 and 2.2.

2.1 Particulate Sampling

Bison used three BGI Incorporated (BGI) PQ200 samplers for particulate monitoring. These samplers have been designated by the U.S. Environmental Protection Agency (EPA) as an equivalent method for the determination of $PM_{2.5}$ and PM_{10} in ambient air (Designation No. EQPM-0202-142). All three samplers used a PM_{10} sampling head to exclude particles with an aerodynamic diameter larger than 10 microns. In addition, the $PM_{2.5}$ samplers included a Very Sharp Cut Cyclone (VSCC) separator to also exclude particles with an aerodynamic diameter larger than 2.5 microns. The PQ200 samplers are specifically designed to comply with the requirements of the National Ambient Air Quality Standards (NAAQS) for Particulate Matter (40 CFR 50), and to facilitate sampling as specified in that document.

The particulate monitors included:

- **Sampler CR-1 ($PM_{2.5}$ Reporting, Serial No. 1622)**, which operated on a one-day-in-three schedule from 7-30-2014 through 9-30-2015;

- **Sampler CR-2 (PM_{10} Reporting)**, which operated on a one-day-in-three schedule. Sampler Serial No. 1035 was used for sampling runs from 7-31-2014 to 8-18-2014. Sampler Serial No. 1755 was used for runs from 8-21-2014 through 9-30-2015;

- **Sampler CR-3 ($PM_{2.5}$ Duplicate)**, which operated on a one-day-in-six schedule. Sampler Serial No. 1038 was used for sampling runs from 8-3-2014 through 8-15-2014. Sampler Serial No. 1756 was used for runs from 8-21-2014 through 9-27-2015.

All three samplers were powered by 12-volt deep-cycle batteries, which were recharged by dedicated solar panels. The power systems proved to be reliable and no sampling episodes were missed due to power failures.

The exposed sample filters were stored at a temperature of ≤4.0°C following retrieval and submitted to the Bison-Billings Office for gravimetric analysis approximately once every two weeks. Average 24-hour $PM_{2.5}$ and PM_{10} concentrations were calculated using net filter particulate weights, and the individual data files generated by each

sampler for each sampling event. Those files provide 24-hour averages of the sampler flow rate, along with 5-minute averages of ambient temperature, filter temperature, ambient barometric pressure and system pressure. Collocated results from the two $PM_{2.5}$ samplers were used to determine the sampling precision statistics presented in Section 3.0.

Each time a new sampling filter was installed, the site operator performed a leak test and also checked the sampler's ambient temperature, filter temperature, ambient pressure, and flow rate readings with a certified BGI Delta Cal unit. The samplers were calibrated when they were initially deployed and once per calendar quarter thereafter. They were audited once per calendar quarter and shortly after the conclusion of the monitoring program. The audits and calibrations were performed by different people, using different reference standards. All results were satisfactory over the duration of the monitoring program. Particulate sampler calibration results are discussed in Section 4.0 and shown in Appendix A. Audit results are discussed in Section 5.0 and shown in Appendix B.

2.2 Meteorological Monitoring

Meteorological monitoring was performed using the equipment shown in Table 1. The meteorological monitoring system began operation on August 1, 2014, but a solar battery charging issue caused the meteorological system to fail at the end of August 6. The problem was corrected on August 19, and the system generally operated reliably thereafter. However, in late December a total of 19 hours of data were lost because of persistent fog, which prevented the solar panels from sufficiently charging the 12-volt batteries that powered the meteorological datalogger and tower instruments. Also, the wind speed sensor cups and wind direction sensor vane were frozen in place by heavy rime ice during several episodes in December 2014 and January 2015; data from those periods were excluded from reporting and analysis. Data were downloaded by the site operator during each site visit and transmitted electronically to the Bison-Helena office.

The meteorological system was calibrated at the time of initial installation on August 1, 2014. Subsequently, the calibration of the meteorological system was checked (audited) once each calendar quarter. Any necessary calibration adjustments were made immediately after the initial checks. The audits (and calibration adjustments, if needed) were made by different people using different reference standards in successive calendar quarters. A final shutdown audit was performed on October 6, 2015, and all instruments were removed from the tower at that time. All meteorological audit results were satisfactory over the duration of the monitoring program, and no data losses occurred beyond those described above. The meteorological audit and calibration results are discussed in Sections 4.0 and 5.0, and shown in Appendix C.

Table 1: Summary of Meteorological Monitoring Parameters

Parameter	Method
Temperature / Delta Temperature (9 meters and 2 meters)	Climatronics 100093 Electronic averaging Campbell Scientific CR1000 data acquisition system
Wind Speed (10 meters)	Climatronics 102083S Conical cup anemometer Electronic averaging Campbell Scientific CR1000 data acquisition system
Wind Direction (10 meters)	Climatronics 102083S Wind vane Electronic averaging Campbell Scientific CR1000 data acquisition system
Standard Deviation of Wind Direction (10 meters)	Arithmetic standard deviation Electronic averaging Campbell Scientific CR1000 data acquisition system (Yamartino Method)
Relative Humidity (2 meters)	Climatronics 083E-0-35 Electronic averaging Campbell Scientific CR1000 data acquisition system
Barometric Pressure (2 meters)	Climatronics 102663 Electronic averaging Campbell Scientific CR1000 data acquisition system
Precipitation (0.7 meters)	Met One Model 370 Precipitation Gauge Electronic averaging Campbell Scientific CR1000 data acquisition system
Solar Radiation (2 meters)	Li Cor LI-200 Radiation Sensor Electronic averaging Campbell Scientific CR1000 data acquisition system

3.0 $PM_{2.5}$ PRECISION CHECK DATA

Precision of the $PM_{2.5}$ data is evaluated by operating collocated samplers at a monitoring site. The differences between the paired measurements represent the precision of the $PM_{2.5}$ data.

The precision data from the two $PM_{2.5}$ samplers collocated at the monitoring station are given in Table 2. In accordance with EPA's policy for evaluating $PM_{2.5}$ precision data, only $PM_{2.5}$ concentrations of at least 3 micrograms per cubic meter ($\mu g/m^3$) are included in the precision calculations. In addition, summary statistics for the entire monitoring period, as described in EPA's *Guideline on the Meaning and Use of Precision and Bias Data Required by 40 CFR Part 58 Appendix A* are presented at the end of the table.

Table 2. $PM_{2.5}$ Precision Check Data

Final Report			
Date	Reporting Concentration** $\mu g/m^3$	Duplicate Concentration** $\mu g/m^3$	Relative Percent Difference
8/3/14	8	8	0.000
8/9/14	9	8	11.765
8/15/14	13	13	0.000
8/21/14	5	3	50.000
8/27/14	5	5	0.000
9/2/14	3	3	0.000
9/8/14	13	13	0.000
9/14/14	10	10	0.000
9/20/14	5	5	0.000
9/26/14	4	3	28.571
10/2/14	6	4	40.000
10/8/14	7	4	54.545
10/14/14	5	5	0.000
10/20/14	6	5	18.182
10/26/14	3	1	NA
11/1/14	2	1	NA
11/7/14	2	2	NA
11/13/14	5	6	-18.182
11/19/14	22	23	-4.444
11/25/14	1	Sc	ND
12/1/14	4	4	0.000
12/7/14	4	4	0.000
12/13/14	2	1	NA
12/19/14	2	2	NA
12/25/14	1	1	NA
12/31/14	5	5	0.000
1/6/15	18	19	-5.405
1/12/15	3	2	NA
1/18/15	2	2	NA
1/24/15	16	16	0.000
1/30/15	4	Ti	ND
2/5/15	3	3	0.000
2/11/15	3	3	0.000

Table 2. $PM_{2.5}$ Precision Check Data, Continued

Final Report			
Date	Reporting Concentration** $\mu g/m^3$	Duplicate Concentration** $\mu g/m^3$	Relative Percent Difference
2/17/15	3	3	0.000
2/23/15	2	1	NA
3/1/15	Co	3	ND
3/7/15	5	5	0.000
3/13/15	2	3	NA
3/19/15	2	2	NA
3/25/15	Fi	2	ND
3/31/15	3	3	0.000
4/6/15	2	2	NA
4/12/15	2	2	NA
4/18/15	4	4	0.000
4/24/15	2	2	NA
4/30/15	4	4	0.000
5/6/15	2	2	NA
5/12/15	4	4	0.000
5/18/15	4	3	28.571
5/24/15	4	4	0.000
5/30/15	5	4	22.222
6/5/15	4	4	0.000
6/11/15	5	5	0.000
6/17/15	4	4	0.000
6/23/15	5	5	0.000
6/29/15	7	7	0.000
7/5/15	7	9	-25.000
7/1115	5	5	0.000
7/17/15	5	3	50.000
7/23/15	4	4	0.000
7/29/15	3	3	0.000
8/4/15	6	6	0.000
8/10/15	10	10	0.000
8/16/15	37	37	0.000
8/22/15	39	39	0.000
8/28/15	15	14	6.897
9/3/15	5	5	0.000

Table 2. $PM_{2.5}$ Precision Check Data, Continued

Final Report			
Date	Reporting Concentration** μg/m³	Duplicate Concentration** μg/m³	Relative Percent Difference
9/9/15	5	5	0.000
9/15/15	8	7	13.333
9/21/15	3	3	0.000
9/27/15	3	3	0.000

Final Report Summary Statistics*	
n =	52
Σ|d| =	377.119
Σd =	271.055
Σd^2 =	13400.564
CV (%) =	12.47
25th Percentile =	0.000
75th Percentile =	23.377

*Only sampling runs where both of the $PM_{2.5}$ concentrations were at least 3 μg/m³ were included in the calculation of the quarterly summary statistics.
**See Table 13 for an explanation of the missing data codes.
μg/m³=micrograms per cubic meter
CV=critical value

4.0 CALIBRATION DATA

4.1 Particulate Samplers

Calibration checks / adjustments to the particulate samplers were performed as follows:

- A multipoint flow calibration was performed at the time of installation, at least once per quarter, and upon failure of a single-point flow verification;
- A single-point flow verification was performed at least once per month;
- A multipoint temperature sensor verification/calibration was performed at least once per year, and upon failure of a single-point verification;
- A single-point verification of the temperature sensors was performed at least once per month;
- A single-point verification of the pressure sensor was performed at least once per month;
- Additional calibration checks/adjustments were also performed whenever there was any indication that the system was inaccurate or operating improperly, and whenever adjustments were made to the system that could have affected its calibration.

Additionally, the integrity of the sampling train was verified prior to each sampling run by using the sampler's internal leak test function. During this check, the pressure drop must be less than 5 centimeters of water over 2 minutes.

The results of the multipoint flow calibrations of the $PM_{2.5}$ and PM_{10} samplers conducted during the project are presented in Appendix A. Those calibrations included single-point checks of the samplers' ambient temperature, filter temperature and barometric pressure sensors. Results of additional routine single-point flow, temperature and pressure verifications are documented on the "HDR Particulate Monitoring Field Data Form" that is completed by the site operator prior to each sampling event. All flow, temperature and pressure checks of the particulate samplers were performed using a certified BGI Delta Cal unit.

4.2 Meteorological System

The meteorological system was calibrated upon initial installation, and the calibration of the system was checked in its as-found condition (audited) at least once per quarter thereafter. Calibration adjustments were made whenever any component of the system did not meet the criteria shown in Section 5.0, and the component was then rechecked. Calibration adjustments to the meteorological instruments (along with as-found audit results) are presented in Appendix C.

Calibration checks were performed as follows:

- The temperature system was checked using water baths of at least three known NIST-traceable temperatures;
- The wind direction sensor was checked by subjecting it to an artificial test simulating at least four known wind directions. The sensor orientation was established based on solar sighting, magnetic sighting, or global positioning system (GPS) measurements;
- The wind speed sensor was tested using at least two synchronous motors;
- The condition of the wind speed and wind direction sensor bearings was checked using a torque watch or torque disk;
- The solar radiation sensor was certified by the manufacturer and was verified by taking collocated measurements with a certified sensor;
- The calibration of the barometric pressure sensor was checked against a certified standard;
- The calibration of the precipitation gauge was checked by slowly adding a known volume of water from a laboratory burette or graduated cylinder.

5.0 PERFORMANCE AUDIT DATA

Audits of the monitoring system were performed quarterly and produced acceptable results. In addition, Steve Heck of Bison conducted final shutdown performance audits of the particulate samplers and meteorological system on October 6, 2015. Those audit results also were acceptable. The particulate sampler audit results are presented in Appendix B, while the meteorological audit results (including any calibration adjustments) are presented in Appendix C.

Audit criteria for the particulate samplers included:

- The internal leak test must produce a result of <5 centimeters water (H_2O) over 2 minutes.
- The indicated particulate sampler flow rate must not differ from the audit flow rate by more than ±4%.
- The audit flow rate must not differ from the design flow rate (16.67 liters per minute) by more than ±5%.
- The particulate sampler temperature sensors must be in error by no more than ±2°C.
- The particulate sampler pressure sensors must be in error by no more than ±10 millimeters of mercury (mmHg).

Audit criteria for the meteorological instruments included:

- The individual temperature sensors' errors must not exceed ±0.9 degrees Fahrenheit (°F).
- The delta temperature errors must not exceed ±0.18°F.
- The wind direction alignment error must not exceed ±2 degrees azimuth or the crossarm alignment must be adjusted following the audit.
- The total wind direction system error at any single point must not exceed ±5 degrees azimuth or the preceding data must be invalidated.
- The wind speed response error to any known rotation rate must not exceed 0.36 miles per hour (mph).
- The relative humidity sensor error must not exceed ±7% relative humidity.
- The barometric sensor error must not exceed ±0.09 inches mercury (Hg).
- The solar radiation sensor's response must agree to within ±5% with a certified standard (given a significant amount of incoming radiation).
- The precipitation gauge must be accurate to within ±10%.

6.0 DATA COMPLETENESS

The $PM_{2.5}$ and PM_{10} percentages of data recovery during the project are given in Tables 3 through 5. In these tables, the number of possible sample results values during each month and quarter of the monitoring period is given, together with the number of valid results. The percentage data recovery is computed by dividing the number of valid results by the number of possible results and multiplying that value by 100. The overall data recoveries for the particulate samplers were 95.80% for the Reporting PM_{10}, 94.41% for the Reporting $PM_{2.5}$, and 97.18 for the Duplicate $PM_{2.5}$. Data recovery for each sampler in each calendar quarter was at or above 90%.

The percentages of data recovery for the meteorological parameters are given in Table 6. In this table, the number of possible data values during each month and quarter of the monitoring period is given, together with the number of valid readings and the number of hours spent on quality assurance activities (such as calibrations, performance audits, and maintenance). The quality assurance hours are added to the number of hours of valid data to compute the net percentage data recovery. Missing meteorological data periods are summarized in Table 7.

The overall meteorological data recovery over the entire monitoring period was 96.4%. Because of problems with the solar panel power supply, data recovery during the third quarter of 2014 was just below 80%. For subsequent quarters, the data recovery for each meteorological parameter was over 90%.

Table 3. PM_{10} Data Completeness

CR-2 PM_{10} Sampler			
Time Period	Readings Possible	Valid Readings	Percentage Recovery
Third Quarter 2014			
July	1	1	100.00
August	10	9	90.00
September	10	10	100.00
Third Quarter	21	20	95.24
Fourth Quarter 2014			
October	10	9	90.00
November	10	10	100.00
December	11	11	100.00
Fourth Quarter	31	30	96.77
First Quarter 2015			
January	10	10	100.00
February	9	9	100.00
March	11	9	81.81
First Quarter	30	28	93.33
Second Quarter 2015			
April	10	10	100.00
May	10	9	90.00
June	10	10	100.00
Second Quarter	30	29	96.66
Third Quarter 2015			
July	10	10	100.00
August	11	10	90.91
September	10	10	100.00
Third Quarter	31	30	96.77
Monitoring Period 2014-2015			
Total	143	137	95.80

Table 4. $PM_{2.5}$ Reporting Data Completeness

CR-1 Reporting $PM_{2.5}$ Sampler			
Time Period	Readings Possible	Valid Readings	Percentage Recovery
Third Quarter 2014			
July	1	1	100.00
August	10	9	90.00
September	10	9	90.00
Third Quarter	21	19	90.48
Fourth Quarter 2014			
October	10	9	90.00
November	10	10	100.00
December	11	10	90.00
Fourth Quarter	31	29	93.55
First Quarter 2015			
January	10	10	100.00
February	9	9	100.00
March	11	9	81.81
First Quarter	30	28	93.33
Second Quarter 2015			
April	10	10	100.00
May	10	9	90.00
June	10	10	100.00
Second Quarter	30	29	96.66
Third Quarter 2015			
July	10	10	100.00
August	11	10	90.91
September	10	10	100.00
Third Quarter	31	30	96.77
Monitoring Period 2014-2015			
Total	143	135	94.41

Table 5. $PM_{2.5}$ Duplicate Data Completeness

CR-3 Duplicate $PM_{2.5}$ Sampler			
Time Period	Readings Possible	Valid Readings	Percentage Recovery
Third Quarter 2014			
July	0	0	NA
August	5	5	100.00
September	5	5	100.00
Third Quarter	10	10	100.00
Fourth Quarter 2014			
October	5	5	100.00
November	5	4	80.00
December	6	6	100.00
Fourth Quarter	16	15	93.75
First Quarter 2015			
January	5	4	80.00
February	4	4	100.00
March	6	6	100.00
First Quarter	15	14	93.33
Second Quarter 2015			
April	5	5	100.00
May	5	5	100.00
June	5	5	100.00
Second Quarter	15	15	100.00
Third Quarter 2015			
July	5	5	100.00
August	5	5	100.00
September	5	5	100.00
Third Quarter	15	15	100.00
Monitoring Period 2014-2015			
Total	71	69	97.18

Table 6. Meteorological Data Completeness

Calico Resources Site					
Parameter	Readings Possible	Valid Readings	Percentage Recovery	Quality Assurance Hours	Net Percentage Recovery
Third Quarter 2014					
Wind Speed	1,447	1,138	78.6	9	79.3
Wind Direction	1,447	1,138	78.6	9	79.3
Standard Deviation	1,447	1,138	78.6	9	79.3
Temperature 9 Meters	1,447	1,138	78.6	9	79.3
Temperature 2 Meters	1,447	1,138	78.6	9	79.3
Temperature Delta T	1,447	1,138	78.6	9	79.3
Relative Humidity	1,447	1,138	78.6	9	79.3
Barometric Pressure	1,447	1,134	78.4	9	79.0
Solar Radiation	1,447	1,138	78.6	9	79.3
Precipitation	1,447	1,138	78.6	9	79.3
Total	14,470	11,376	78.6	90	79.3
Fourth Quarter 2014					
Wind Speed	2,208	2,185	99.0	4	99.1
Wind Direction	2,208	2,185	99.0	4	99.1
Standard Deviation	2,208	2,185	99.0	4	99.1
Temperature 9 Meters	2,208	2,185	99.0	4	99.1
Temperature 2 Meters	2,208	2,185	99.0	4	99.1
Temperature Delta T	2,208	2,185	99.0	4	99.1
Relative Humidity	2,208	2,041	92.4	4	92.6
Barometric Pressure	2,208	2,185	99.0	4	99.1
Solar Radiation	2,208	2,185	99.0	4	99.1
Precipitation	2,208	2,185	99.0	4	99.1
Total	22,080	21,706	98.3	40	98.5

Table 6. Meteorological Data Completeness, Continued

Calico Resources Site					
Parameter	Readings Possible	Valid Readings	Percentage Recovery	Quality Assurance Hours	Net Percentage Recovery
First Quarter 2015					
Wind Speed	2,160	2,031	94.0	7	94.4
Wind Direction	2,160	2,031	94.0	7	94.4
Standard Deviation	2,160	2,031	94.0	7	94.4
Temperature 9 Meters	2,160	2,153	99.7	7	100.0
Temperature 2 Meters	2,160	2,153	99.7	7	100.0
Temperature Delta T	2,160	2,153	99.7	7	100.0
Relative Humidity	2,160	2,153	99.7	7	100.0
Barometric Pressure	2,160	2,153	99.7	7	100.0
Solar Radiation	2,160	2,153	99.7	7	100.0
Precipitation	2,160	2,153	99.7	7	100.0
Total	21,600	21,164	98.0	70	98.3
Second Quarter 2015					
Wind Speed	2,184	2,181	99.9	3	100.0
Wind Direction	2,184	2,181	99.9	3	100.0
Standard Deviation	2,184	2,181	99.9	3	100.0
Temperature 9 Meters	2,184	2,181	99.9	3	100.0
Temperature 2 Meters	2,184	2,181	99.9	3	100.0
Temperature Delta T	2,184	2,181	99.9	3	100.0
Relative Humidity	2,184	2,181	99.9	3	100.0
Barometric Pressure	2,184	2,181	99.9	3	100.0
Solar Radiation	2,184	2,181	99.9	3	100.0
Precipitation	2,184	2,181	99.9	3	100.0
Total	21,840	21,810	99.9	30	100.0

Table 6. Meteorological Data Completeness, Continued

Calico Resources Site					
Parameter	Readings Possible	Valid Readings	Percentage Recovery	Quality Assurance Hours	Net Percentage Recovery
Third Quarter 2015					
Wind Speed	2,208	2,205	99.9	3	100.0
Wind Direction	2,208	2,205	99.9	3	100.0
Standard Deviation	2,208	2,205	99.9	3	100.0
Temperature 9 Meters	2,208	2,205	99.9	3	100.0
Temperature 2 Meters	2,208	2,205	99.9	3	100.0
Temperature Delta T	2,208	2,205	99.9	3	100.0
Relative Humidity	2,208	2,205	99.9	3	100.0
Barometric Pressure	2,208	2,205	99.9	3	100.0
Solar Radiation	2,208	2,205	99.9	3	100.0
Precipitation	2,208	2,205	99.9	3	100.0
Total	22,080	22,050	99.9	30	100.0
August 1, 2014 - September 30, 2015					
Wind Speed	10,207	9,740	95.4	26	95.7
Wind Direction	10,207	9,740	95.4	26	95.7
Standard Deviation	10,207	9,740	95.4	26	95.7
Temperature 9 Meters	10,207	9,862	96.6	26	96.9
Temperature 2 Meters	10,207	9,862	96.6	26	96.9
Temperature Delta T	10,207	9,862	96.6	26	96.9
Relative Humidity	10,207	9,718	95.2	26	95.5
Barometric Pressure	10,207	9,858	96.6	26	96.8
Solar Radiation	10,207	9,862	96.6	26	96.9
Precipitation	10,207	9,862	96.6	26	96.9
Total	102,070	98,106	96.1	260	96.4

Table 7. Summary of Missing Meteorological Data Periods

Third Quarter 2014					
Starting Date/Hour	Ending Date/Hour	Parameter	Total Hours	Percent of Quarter	Circumstance
Aug 7/1	Aug 19/12	All	300	20.73	Missing data: Power failure at the site
Aug 25/9	Aug 25/9	BP	4	0.28	Missing data: Collection error in datalogger at the site
Sep 4/9	Sep 4/9				
Sep 14/9	Sep 14/9				
Sep 24/9	Sep 24/9				

Fourth Quarter 2014					
Starting Date/Hour	Ending Date/Hour	Parameter	Total Hours	Percent of Quarter	Circumstance
Dec 5/11	Dec 11/10	RH	144	6.52	Missing data: Sensor malfunction
Dec 21/9	Dec 21/14	All	6	0.27	Missing data: Power failure at the site
Dec 21/21	Dec 22/9	All	13	0.59	Missing data: Power failure at the site

First Quarter 2015					
Starting Date/Hour	Ending Date/Hour	Parameter	Total Hours	Percent of Quarter	Circumstance
Jan 8/12	Jan 12/11	WS,WD, SD	96	4.44	Missing data: Sensor icing
Jan 17/17	Jan 18/8	WS,WD, SD	16	0.74	Missing data: Sensor icing
Jan 24/11	Jan 24/12	WS,WD, SD	2	0.09	Missing data: Sensor icing
Jan 26/4	Jan 26/11	WS,WD, SD	8	0.37	Missing data: Sensor icing

*There were no missing data periods during the second or third quarters of 2015.

7.0 MONITORING DATA

Tables 8 through 10 present the particulate data collected during the Grassy Mountain monitoring program. Four sampling dates during August 2015 were significantly impacted by wildfire smoke, and those data are identified with an asterisk. The Quarter 3, 2015 ambient monitoring report presented regional wildfire maps, hourly visibility data from the Ontario, Oregon, airport, and 24-hour particulate data from two locations in far western Idaho to confirm the presence of smoke.

Table 11 summarizes the particulate data collected during the project. Over the entire monitoring period, the average $PM_{2.5}$ concentration was 5.9 µg/m^3 and the maximum daily value was 46 µg/m^3 if the four smoky days in August 2015 are included. If those days are excluded, the average decreases to 5.0 µg/m^3 and the maximum falls to 22 µg/m^3. Similarly, the average PM_{10} concentration was 11.1 µg/m^3 if the smoky days are included and 10.0 µg/m^3 if they are excluded. The maximum daily value was 58 µg/m^3 if the smoky days are included and 29 µg/m^3 if they are excluded.

Table 12 presents the monthly, quarterly, and annual means for the meteorological data collected during 2014 and 2015. For this analysis, the annual means were calculated based on the four full calendar quarters starting October 1, 2014, and ending September 30, 2015. Data between August 1 and September 30, 2014, were excluded so that the annual means would represent a typical meteorological year. The values shown for wind direction are vector resultants, and the values for precipitation are totals for the periods shown. The values shown for all other parameters are arithmetic averages. The complete hourly meteorological data record is provided in Attachment 1.

For those hours with missing meteorological data and dates with missing particulate data, a code is given that explains the reason the data were missing. These codes are defined in Table 13.

Wind rose distributions from the meteorological tower are presented in Tables 14 through 20. These tables give the percentage frequency of occurrence of winds from 16 cardinal directions and from 22 wind speed ranges. These same data are presented graphically in Figures 2 through 8. In the wind rose figures, the length of each “petal” of the rose is proportional to the percentage of time the wind blew from that direction. On the bottom of each figure is a histogram showing the average wind speed from each of the cardinal wind directions.

Note that the wind roses shown in Table 14 and Figure 2 represent the entire data collection period, while those shown in Table 15 and Figure 3 are based on the period of October 1, 2014, through September 30, 2015, to represent a typical meteorological year with no seasonal bias. In actuality, there is little difference between the wind roses for those two periods. Wind directions at the Grassy Mountain site are predominantly from the south-southwest and southwest, and from the north-northwest through north-northeast. Wind speeds average around 7 miles per hour. The highest recorded hourly average wind speed was 34.5 mph.

Table 8. CR-2 PM_{10} Sampling Data – µg/m^3 (Local Temperature and Pressure [LTP])

Year 2014													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Day
1											2	5	1
2									11	4			2
3								15					3
4											3	3	4
5									9	Sc			5
6								Sc					6
7											6	4	7
8									22	14			8
9								19					9
10											2	6	10
11									22	10			11
12								23					12
13											15	2	13
14									34	18			14
15								19					15
16											10	6	16
17									35	18			17
18								15					18
19											23	3	19
20									21	20			20
21								10					21
22											2	3	22
23									20	3			23
24								14					24
25											3	1	25
26									8	2			26
27								12					27
28											16	2	28
29									4	8			29
30								15					30
31							26					5	31
Monthly Summaries for Site													
Max							26	23	35	20	23	6	Max
2nd							na	19	34	18	16	6	2nd
Avg							26.0	15.8	18.6	10.8	8.2	3.6	Avg
Count							1	9	10	9	10	11	Count
Quarterly and Annual Summaries for Site													
	First Quarter			**Second Quarter**			**Third Quarter**			**Fourth Quarter**			**Year**
Max								35			23		35
2nd								34			20		34
Avg								17.7			7.3		11.5
Count								20			30		50

See Table 13 for an explanation of the missing data codes.
µg/m^3 = micrograms per cubic meter

Table 8. CR-2 PM_{10} Sampling Data – µg/m3 (Local Temperature and Pressure [LTP]), Continued

Year 2015													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Day
1			Co					13					1
2		6				9	12						2
3	22			7	Sc				8				3
4			5					8					4
5		4				14	23						5
6	19			2	7				8				6
7			11					8					7
8		4				12	29						8
9	6			3	12				13				9
10			16					17					10
11		4				13	8						11
12	3			4	9				20				12
13			7					Co					13
14		7				9	6						14
15	7			3	5				9				15
16			Fi					*44					16
17		6				12	10						17
18	2			11	5				3				18
19			5					*58					19
20		2				8	9						20
21	3			15	8				11				21
22			5					*51					22
23		2				8	11						23
24	17			3	8				15				24
25			3					*37					25
26		2				9	10						26
27	9			5	10				9				27
28			4					20					28
29						14	6						29
30	4			8	11				21				30
31			8					10					31
Monthly Summaries for Site													
Max	22	7	16	15	12	14	29	58	21				Max
2nd	19	6	11	11	11	14	23	51	20				2nd
Avg	9.2	4.1	7.1	6.1	8.3	10.8	12.4	26.6	11.7				Avg
Count	10	9	9	10	9	10	10	10	10				Count
Quarterly and Annual Summaries for Site													
	First Quarter			**Second Quarter**			**Third Quarter**			**Fourth Quarter**			**Year**
Max	22			15			58						58
2nd	19			14			51						51
Avg	6.9			8.4			16.9						10.9
Count	28			29			30						87

See Table 13 for an explanation of the missing data codes.
µg/m^3 = micrograms per cubic meter
* Wildfire in the area

Table 9. CR-1 $PM_{2.5}$ Sampling Data – µg/m^3 (Local Temperature and Pressure [LTP])

Year 2014													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Day
1											2	4	1
2									3	6			2
3								8					3
4											3	3	4
5									3	Sc			5
6								Sc					6
7											2	4	7
8									13	7			8
9								9					9
10											2	Co	10
11									3	5			11
12								5					12
13											5	2	13
14									10	5			14
15								13					15
16											9	4	16
17									15	4			17
18								10					18
19											22	2	19
20									5	6			20
21								5					21
22											1	2	22
23									Ti	5			23
24								4					24
25											1	1	25
26									4	3			26
27								5					27
28											2	1	28
29									3	7			29
30								5					30
31							7					5	31
Monthly Summaries for Site													
Max							7	13	15	7	22	5	Max
2nd							na	10	13	7	9	4	2nd
Avg							7.0	7.1	6.6	5.3	4.9	2.8	Avg
Count							1	9	9	9	10	10	Count
Quarterly and Annual Summaries for Site													
	First Quarter			**Second Quarter**			**Third Quarter**			**Fourth Quarter**			**Year**
Max								15			22		22
2nd								13			9		15
Avg								6.8			4.3		5.3
Count								19			29		48

See Table 13 for an explanation of the missing data codes.
µg/m^3 = micrograms per cubic meter

Table 9. CR-1 $PM_{2.5}$ Sampling Data – µg/m3 (Local Temperature and Pressure [LTP]), Continued

Year 2015													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Day
1			Co					6					1
2		5				2	6						2
3	21			3	Sc				5				3
4			3					6					4
5		3				4	7						5
6	18			2	2				4				6
7			5					4					7
8		1				6	9						8
9	5			2	6				5				9
10			5					10					10
11		3				5	5						11
12	3			2	4				9				12
13			2					Co					13
14		5				3	3						14
15	6			2	3				8				15
16			2					*37					16
17		3				4	5						17
18	2			4	4				3				18
19			2					*46					19
20		1				2	4						20
21	4			9	3				3				21
22			3					*39					22
23		2				5	4						23
24	16			2	4				5				24
25			Fi					*27					25
26		1				4	4						26
27	8			2	4				3				27
28			2					15					28
29						7	3						29
30	4			4	5				5				30
31			3					7					31
Monthly Summaries for Site													
Max	21	5	5	9	6	7	9	46	9				Max
2nd	18	5	5	4	5	6	7	39	8				2nd
Avg	8.7	2.7	3.0	3.2	3.9	4.2	5.0	19.7	5.0				Avg
Count	10	9	9	10	9	10	10	10	10				Count
Quarterly and Annual Summaries for Site													
	First Quarter			**Second Quarter**			**Third Quarter**			**Fourth Quarter**			**Year**
Max	21			9			46						46
2nd	18			7			39						39
Avg	4.9			3.8			9.9						6.3
Count	28			29			30						87

See Table 13 for an explanation of the missing data codes.
µg/m^3 = micrograms per cubic meter
* Wildfire in the area

Table 10. CR-3 $PM_{2.5}$ Sampling Data – µg/m^3 (Local Temperature and Pressure [LTP])

Year 2014													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Day
1											1	4	1
2									3	4			2
3								8					3
4													4
5													5
6													6
7											2	4	7
8									13	4			8
9								8					9
10													10
11													11
12													12
13											6	1	13
14									10	5			14
15								13					15
16													16
17													17
18													18
19											23	2	19
20									5	5			20
21								3					21
22													22
23													23
24													24
25											Sc	1	25
26									3	1			26
27								5					27
28													28
29													29
30													30
31												5	31
Monthly Summaries for Site													
Max								13	13	5	23	5	Max
2nd								8	10	5	6	4	2nd
Avg								7.4	6.8	3.8	8.0	2.8	Avg
Count								5	5	5	4	6	Count
Quarterly and Annual Summaries for Site													
	First Quarter			**Second Quarter**			**Third Quarter**			**Fourth Quarter**			**Year**
Max								13			23		23
2nd								13			6		13
Avg								7.1			4.5		5.6
Count								10			15		25

See Table 13 for an explanation of the missing data codes.
µg/m^3 = micrograms per cubic meter

Table 10. CR-3 $PM_{2.5}$ Sampling Data – µg/m^3 (Local Temperature and Pressure [LTP]), Continued

Year 2015													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Day
1			3										1
2													2
3									5				3
4								6					4
5		3				4	9						5
6	19			2	2								6
7			5										7
8													8
9									5				9
10								10					10
11		3				5	5						11
12	2			2	4								12
13			3										13
14													14
15									7				15
16								*37					16
17		3				4	3						17
18	2			4	3								18
19			2										19
20													20
21									3				21
22								*39					22
23		1				5	4						23
24	16			2	4								24
25			2										25
26													26
27									3				27
28								14					28
29						7	3						29
30	Ti			4	4								30
31			3										31
Monthly Summaries for Site													
Max	19	3	5	4	4	7	9	39	7				Max
2nd	16	3	3	4	4	5	5	37	5				2nd
Avg	9.8	2.5	3.0	2.8	3.4	5.0	4.8	21.2	4.6				Avg
Count	4	4	6	5	5	5	5	5	5				Count
Quarterly and Annual Summaries for Site													
	First Quarter			**Second Quarter**			**Third Quarter**			**Fourth Quarter**			**Year**
Max	19			7			39						39
2nd	16			5			37						37
Avg	4.8			3.7			10.2						6.3
Count	14			15			15						44

See Table 13 for an explanation of the missing data codes.
µg/m^3 = micrograms per cubic meter
* Wildfire in the area

Table 11. Summary of Grassy Mountain Particulate Data July 31, 2014 – September 30, 2015

	$PM_{2.5}$ Reporting (µg/m^3)			PM_{10} Reporting (µg/m^3)		
	Avg	Max	2nd	Avg	Max	2nd
Jul 2014	7.0	7	NA	26.0	26	NA
Aug 2014	7.1	13	10	15.8	23	19
Sep 2014	6.6	15	13	18.6	35	34
Quarter 3, 2014	**6.8**	**15**	**13**	**17.7**	**35**	**34**
Oct 2014	5.3	7	7	10.8	20	18
Nov 2014	4.9	22	9	8.2	23	16
Dec 2014	2.8	5	4	3.6	6	6
Quarter 4, 2014	**4.3**	**22**	**9**	**7.3**	**23**	**20**
Jan 2015	8.7	21	18	9.2	22	19
Feb 2015	2.7	5	5	4.1	7	6
Mar 2015	3.0	5	5	7.1	16	11
Quarter 1, 2015	**4.9**	**21**	**18**	**6.9**	**22**	**19**
Apr 2015	3.2	9	4	6.1	15	11
May 2015	3.9	6	5	8.3	12	11
Jun 2015	4.2	7	6	10.8	14	14
Quarter 2, 2015	**3.8**	**9**	**7**	**8.4**	**15**	**14**
Jul 2015	5.0	9	7	12.4	29	23
Aug 2015 (1)	19.7	46	39	26.6	58	51
Aug 2015 (2)	8.0	15	10	12.7	20	17
Sep 2015	5.0	9	8	11.7	21	20
Quarter 3, 2015 (1)	**9.9**	**46**	**39**	**16.9**	**58**	**51**
Quarter 3, 2015 (2)	**5.7**	**15**	**10**	**12.2**	**29**	**23**
PERIOD OF RECORD						
Jul 2014 – Sep 2015 (1)	**5.9**	**46**	**39**	**11.1**	**58**	**51**
Jul 2014 – Sep 2015 (2)	**5.0**	**22**	**21**	**10.0**	**35**	**34**
4-QUARTER YEAR						
Oct 2014 – Sep 2015 (1)	**5.8**	**46**	**39**	**9.9**	**58**	**51**
Oct 2014 – Sep 2015 (2)	**4.6**	**22**	**21**	**8.6**	**29**	**23**

(1) Statistics include four dates affected by wildfire smoke in August 2015.
(2) Statistics exclude four dates affected by wildfire smoke in August 2015.

Table 12. Monthly, Quarterly, and Annual Means for Meteorological Parameters

Year 2014 – 2015										
Month	Wind Speed MPH	Wind Direction Deg	Standard Deviation	Temp 9 Meters Deg F	Temp 2 Meters Deg F	Temp Delta T Deg F	Relative Humidity	Barometric Pressure InHg	Solar Radiation Wm^2	Total Precip In
Aug	7.0	335	34	72.0	72.0	0.0	37.4	26.48	246	0.01
Sep	6.9	340	32	65.8	65.6	0.2	38.7	26.48	212	0.84
2014 3rd Qtr	7.0	340	33	68.1	68.0	0.1	38.2	26.48	224	0.85
Oct	7.2	245	30	55.5	55.1	0.4	52.4	26.53	144	0.13
Nov	7.6	304	26	35.1	34.6	0.5	74.0	26.61	81	1.62
Dec	7.0	310	26	34.0	33.7	0.3	84.0	26.54	48	1.47
2014 4th Qtr	7.3	284	27	41.7	41.2	0.4	68.9	26.56	91	3.22
Jan	5.0	357	28	29.8	29.7	0.2	90.8	26.75	58	0.55
Feb	7.1	310	28	41.2	40.7	0.5	72.5	26.58	107	1.37
Mar	7.6	260	28	47.4	46.9	0.5	59.0	26.60	183	0.26
2015 1st Qtr	6.6	300	28	39.4	39.0	0.4	74.2	26.65	116	2.18
Apr	8.1	318	31	49.1	48.8	0.2	47.7	26.49	249	0.71
May	7.6	351	31	58.7	58.7	0.0	53.9	26.40	250	1.42
Jun	7.4	355	35	74.9	75.1	-0.2	28.8	26.46	322	0.09
2015 2nd Qtr	7.7	344	32	60.9	60.9	0.0	43.6	26.45	274	2.22
Jul	7.7	310	34	74.5	74.6	-0.1	36.3	26.49	291	1.15
Aug	7.7	296	34	76.3	76.1	0.2	25.0	26.47	263	0.10
Sep	6.1	276	33	64.7	64.3	0.4	40.6	26.48	207	0.39
2015 3rd Qtr	7.2	295	33	71.9	71.8	0.1	33.9	26.48	254	1.64
Oct 1, 2014 – Sep 30, 2015	7.2	311	30	53.6	53.3	0.2	54.8	26.53	184	9.26

Table 13. Missing Data Codes

Mnemonic Code	Description	Equivalent EPA Null Value Reason Code
Sc	Scheduled but not collected	9972
Ti	Sample time out of limits	9973
Fi	Filter damage	9976
Op	Voided by operator	9978
ND	Machine malfunction	9980
Wx	Bad weather	9981
Co	Collection error	9983
Lb	Lab error	9984
QA	Poor quality assurance results	9985
Pwr	Power failure	9988
Wi	Wildlife damage	9989
AZ	Automatic zero/span check	9991
ZS	Manual zero/span check	9986
Au	Performance audit	9992
Ma	Routine maintenance/repairs	9993
Un	Unable to reach site	9994
Ca	Multipoint calibration	9995
PZ	Precision/zero/span	9998

Table 14. Wind Rose Summary, Calico Resources Site

August 1, 2014, to September 30, 2015																	
	Direction>>>	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
Wind Speed (miles per hour)	0.1 - 2.0	0.8	0.7	0.5	0.2	0.1	0.1	0.1	0.2	0.4	1.3	1.2	0.6	0.5	0.4	0.5	0.6	8.1
	2.1 - 4.0	3.6	4.2	1.7	0.6	0.3	0.2	0.2	0.3	0.8	2.5	1.4	0.7	0.8	0.9	1.1	2.2	21.6
	4.1 - 6.0	2.7	4.0	1.8	0.6	0.4	0.1	0.2	0.2	0.7	2.7	1.0	0.4	0.2	0.3	0.8	1.4	17.5
	6.1 - 8.0	2.4	2.4	1.4	0.6	0.3	0.2	0.1	0.2	0.6	2.6	1.7	0.4	0.5	0.4	0.8	1.6	16.4
	8.1 - 10.0	1.5	1.1	0.9	0.7	0.3	0.3	0.1	0.3	0.6	2.1	2.5	0.5	0.5	0.5	0.6	1.4	13.7
	10.1 - 12.0	1.0	0.5	0.5	0.3	0.1	0.2	0.1	0.1	0.3	1.2	2.1	0.4	0.5	0.4	0.6	1.0	9.2
	12.1 - 14.0	0.7	0.2	0.1	0.1	0.0	0.2	0.0	0.0	0.2	0.9	1.1	0.5	0.3	0.3	0.6	0.5	5.7
	14.1 - 16.0	0.5	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.6	0.4	0.2	0.3	0.2	0.4	0.3	3.4
	16.1 - 18.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.1	1.7
	18.1 - 20.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.0	1.1
	20.1 - 22.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.7
	22.1 - 24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.4
	24.1 - 26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2
	26.1 - 28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.2
	28.1 - 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	30.1 - 32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	32.1 - 34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	34.1 - 36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	36.1 - 38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	38.1 - 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	> 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Calm																	0.0
	Total	13.8	13.3	7.0	3.2	1.7	1.3	0.8	1.4	4.2	14.4	12.0	4.2	4.3	3.6	5.8	9.2	100.0
	Average Speed	6.8	5.5	5.8	6.6	5.9	8.3	5.3	6.2	7.6	7.3	8.6	8.6	9.8	7.5	8.2	7.1	7.2

Table 15. Wind Rose Summary, Calico Resources Site

October 1, 2014, to September 30, 2015																	
	Direction>>>	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
Wind Speed (miles per hour)	0.1 - 2.0	0.8	0.7	0.5	0.3	0.2	0.1	0.1	0.3	0.4	1.3	1.1	0.5	0.5	0.4	0.5	0.6	8.1
	2.1 - 4.0	3.5	4.2	1.8	0.6	0.4	0.2	0.2	0.3	0.7	2.6	1.4	0.8	0.7	0.8	1.0	2.2	21.5
	4.1 - 6.0	2.8	4.1	1.9	0.6	0.4	0.1	0.2	0.2	0.7	2.8	1.1	0.3	0.2	0.3	0.8	1.4	17.8
	6.1 - 8.0	2.4	2.3	1.3	0.6	0.3	0.2	0.1	0.2	0.6	2.6	1.7	0.4	0.4	0.4	0.8	1.6	16.1
	8.1 - 10.0	1.4	0.9	0.7	0.6	0.3	0.3	0.1	0.2	0.6	2.1	2.5	0.5	0.5	0.5	0.5	1.4	13.3
	10.1 - 12.0	1.0	0.5	0.4	0.3	0.1	0.2	0.1	0.1	0.3	1.2	2.2	0.5	0.5	0.3	0.6	0.9	9.1
	12.1 - 14.0	0.5	0.2	0.1	0.1	0.0	0.2	0.0	0.0	0.2	0.9	1.2	0.5	0.4	0.3	0.6	0.5	5.8
	14.1 - 16.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.4	0.2	0.3	0.2	0.4	0.3	3.6
	16.1 - 18.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.2	0.1	0.2	0.1	1.8
	18.1 - 20.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.1	0.0	1.2
	20.1 - 22.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.7
	22.1 - 24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.4
	24.1 - 26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2
	26.1 - 28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.2
	28.1 - 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	30.1 - 32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	32.1 - 34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	34.1 - 36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	36.1 - 38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	38.1 - 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	> 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Calm																	0.0
	Total	13.5	13.2	6.7	3.0	1.7	1.2	0.7	1.4	4.1	14.9	12.5	4.2	4.3	3.5	5.8	9.2	100.0
	Average Speed	6.7	5.4	5.5	6.4	5.9	8.1	5.1	6.0	7.9	7.4	8.8	8.8	10.1	7.5	8.2	7.0	7.2

Table 16. Quarterly Wind Rose Summary, Calico Resources Site

Third Quarter 2014																	
Direction>>>		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
Wind Speed (miles per hour)	0.1 - 2.0	0.5	0.6	0.4	0.0	0.1	0.0	0.2	0.2	0.8	1.1	1.8	0.7	0.5	0.4	0.1	0.4	7.7
	2.1 - 4.0	4.4	3.7	1.0	0.4	0.2	0.1	0.3	0.2	1.2	2.3	1.4	0.7	1.1	1.1	1.4	2.2	21.6
	4.1 - 6.0	2.3	3.1	1.3	0.9	0.4	0.4	0.2	0.4	1.0	1.9	0.5	0.8	0.2	0.2	0.9	1.2	15.5
	6.1 - 8.0	2.6	3.2	2.2	0.9	0.4	0.4	0.3	0.4	0.6	2.6	1.1	0.7	0.8	0.4	0.9	1.7	19.1
	8.1 - 10.0	1.9	2.0	2.3	1.4	0.3	0.2	0.0	0.4	0.7	1.7	1.9	0.3	0.9	0.7	1.0	1.0	16.6
	10.1 - 12.0	1.0	0.7	1.1	0.4	0.3	0.2	0.2	0.1	0.3	1.1	1.3	0.1	0.3	0.6	0.7	1.6	9.8
	12.1 - 14.0	1.8	0.2	0.4	0.1	0.0	0.2	0.1	0.1	0.0	0.3	0.2	0.4	0.3	0.0	0.4	0.7	5.0
	14.1 - 16.0	0.4	0.2	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.4	0.0	0.2	0.4	1.9
	16.1 - 18.0	0.7	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.2	0.1	0.1	0.0	1.5
	18.1 - 20.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.4
	20.1 - 22.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	0.1	0.5
	22.1 - 24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	24.1 - 26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
	26.1 - 28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2
	28.1 - 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
	30.1 - 32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	32.1 - 34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34.1 - 36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	36.1 - 38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	38.1 - 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	> 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Calm																		0.0
Total		15.8	13.8	8.6	4.0	1.7	1.7	1.1	1.8	4.6	11.1	8.2	4.0	4.9	3.8	5.7	9.1	100.0
Average Speed		7.4	6.1	7.5	7.4	6.7	9.5	6.1	7.2	5.4	6.2	6.3	7.2	8.4	7.4	7.6	7.3	7.0

Table 17. Quarterly Wind Rose Summary, Calico Resources Site

Fourth Quarter 2014																	
	Direction>>>	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
Wind Speed (miles per hour)	0.1 - 2.0	1.1	0.9	0.4	0.4	0.1	0.0	0.1	0.3	0.6	1.0	0.9	0.5	0.4	0.4	0.5	0.8	8.5
	2.1 - 4.0	3.8	5.2	2.3	0.6	0.3	0.2	0.3	0.2	1.3	2.7	1.3	0.5	0.8	0.9	0.5	2.1	22.9
	4.1 - 6.0	3.3	5.7	1.8	0.2	0.4	0.0	0.1	0.0	0.7	3.7	1.6	0.4	0.2	0.1	1.0	1.3	20.4
	6.1 - 8.0	1.9	1.7	0.4	0.0	0.2	0.2	0.0	0.0	0.2	2.6	1.8	0.3	0.5	0.2	0.9	1.7	12.7
	8.1 - 10.0	1.1	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.3	2.4	3.0	0.4	0.5	0.4	0.3	1.0	10.1
	10.1 - 12.0	0.4	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.4	1.3	3.3	0.4	0.6	0.5	0.5	0.9	8.8
	12.1 - 14.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.6	2.3	0.5	0.8	0.6	0.2	0.2	6.9
	14.1 - 16.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.6	1.3	0.6	0.0	0.4	0.1	0.4	0.1	4.0
	16.1 - 18.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.5	0.2	0.3	0.0	0.1	0.1	2.0
	18.1 - 20.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2	0.2	0.2	0.0	0.0	0.0	1.4
	20.1 - 22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.1	0.1	0.0	0.1	0.2	1.0
	22.1 - 24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.5
	24.1 - 26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.4
	26.1 - 28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2
	28.1 - 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	30.1 - 32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	32.1 - 34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	34.1 - 36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	36.1 - 38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	38.1 - 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	> 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Calm																	0.0
	Total	12.2	14.2	5.2	1.4	1.0	0.6	0.5	0.7	4.8	17.7	16.4	3.8	5.2	3.4	4.8	8.2	100.0
	Average Speed	5.4	4.6	4.3	4.4	4.6	6.9	3.4	4.6	7.7	8.2	10.0	9.8	10.5	7.8	8.1	6.4	7.3

Table 18. Quarterly Wind Rose Summary, Calico Resources Site

First Quarter 2015																	
	Direction>>>	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
Wind Speed (miles per hour)	0.1 - 2.0	1.2	0.9	0.8	0.4	0.3	0.1	0.2	0.2	0.1	1.2	1.8	0.7	0.6	0.8	0.8	0.7	11.0
	2.1 - 4.0	4.1	5.7	2.8	0.7	0.4	0.2	0.2	0.5	0.6	2.8	1.5	0.7	0.9	0.8	1.1	2.1	25.1
	4.1 - 6.0	3.2	4.7	1.6	0.6	0.4	0.1	0.2	0.0	0.6	2.7	1.4	0.3	0.1	0.4	1.0	1.8	19.3
	6.1 - 8.0	2.4	2.3	0.6	0.2	0.2	0.0	0.0	0.1	0.3	2.8	2.5	0.4	0.4	0.3	0.7	1.5	14.8
	8.1 - 10.0	0.8	0.5	0.1	0.3	0.2	0.2	0.0	0.0	0.4	1.8	3.9	0.2	0.5	0.3	0.2	1.2	10.8
	10.1 - 12.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	2.8	0.4	0.2	0.0	0.2	0.5	6.5
	12.1 - 14.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	1.1	1.6	0.3	0.3	0.0	0.5	0.3	4.7
	14.1 - 16.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.7	0.2	0.2	0.1	0.2	0.4	2.9
	16.1 - 18.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.3	0.1	0.2	0.1	1.7
	18.1 - 20.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.1	0.0	1.1
	20.1 - 22.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.8
	22.1 - 24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.5
	24.1 - 26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3
	26.1 - 28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.3
	28.1 - 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	30.1 - 32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	32.1 - 34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	34.1 - 36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	36.1 - 38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	38.1 - 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	> 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Calm																	0.0
	Total	12.9	14.4	6.0	2.3	1.6	0.8	0.7	0.9	2.9	14.8	17.2	4.0	4.4	3.1	5.2	8.8	100.0
	Average Speed	5.7	4.6	3.9	4.5	4.4	5.8	3.6	3.7	7.9	7.3	8.7	8.7	10.3	5.6	7.1	6.6	6.6

Table 19. Quarterly Wind Rose Summary, Calico Resources Site

Second Quarter 2015																	
Direction>>>		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
Wind Speed (miles per hour)	0.1 - 2.0	0.6	0.6	0.5	0.2	0.1	0.1	0.1	0.3	0.4	1.4	1.0	0.5	0.5	0.1	0.4	0.3	7.2
	2.1 - 4.0	3.3	3.3	1.1	0.5	0.3	0.3	0.0	0.3	0.3	1.8	1.0	0.8	0.4	0.7	1.4	1.7	17.2
	4.1 - 6.0	2.2	3.3	2.1	0.9	0.5	0.1	0.3	0.3	0.7	1.6	0.6	0.4	0.2	0.4	0.6	1.2	15.4
	6.1 - 8.0	3.4	2.5	1.8	0.9	0.6	0.4	0.1	0.4	0.7	2.2	0.7	0.3	0.5	0.4	0.7	2.1	17.6
	8.1 - 10.0	2.6	1.4	1.2	0.9	0.4	0.5	0.1	0.2	0.4	1.5	1.2	0.6	0.3	0.9	1.1	2.2	15.4
	10.1 - 12.0	2.0	0.8	0.7	0.6	0.1	0.2	0.1	0.1	0.1	0.6	0.9	0.5	0.7	0.6	1.2	1.5	10.8
	12.1 - 14.0	1.5	0.4	0.4	0.1	0.0	0.2	0.0	0.1	0.2	0.3	0.3	0.5	0.2	0.5	1.5	0.9	7.0
	14.1 - 16.0	1.1	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.3	0.5	0.8	0.6	4.6
	16.1 - 18.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.2	0.4	0.2	2.2
	18.1 - 20.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.3	0.1	1.6
	20.1 - 22.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.6
	22.1 - 24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	24.1 - 26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
	26.1 - 28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	28.1 - 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	30.1 - 32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	32.1 - 34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34.1 - 36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	36.1 - 38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	38.1 - 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	> 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Calm																		0.0
Total		18.4	13.1	7.8	4.1	2.0	1.8	0.9	1.7	2.9	9.5	6.3	3.9	3.4	4.4	8.6	10.9	100.0
Average Speed		8.7	6.4	6.6	7.0	6.4	7.6	6.6	6.4	6.6	6.0	7.5	8.1	9.5	9.4	9.7	8.3	7.7

Table 20. Quarterly Wind Rose Summary, Calico Resources Site

Third Quarter 2015																	
	Direction>>>	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
Wind Speed (miles per hour)	0.1 - 2.0	0.4	0.3	0.2	0.0	0.1	0.0	0.0	0.2	0.3	1.4	1.0	0.4	0.4	0.3	0.4	0.5	6.0
	2.1 - 4.0	3.0	2.8	1.2	0.5	0.5	0.0	0.2	0.2	0.8	3.1	1.9	1.0	0.9	0.9	1.1	3.0	21.1
	4.1 - 6.0	2.6	2.9	1.9	0.5	0.2	0.1	0.4	0.4	0.7	3.1	0.8	0.1	0.3	0.3	0.7	1.3	16.3
	6.1 - 8.0	2.0	2.8	2.4	1.2	0.4	0.2	0.1	0.5	1.1	2.9	2.0	0.5	0.4	0.7	0.8	1.2	19.0
	8.1 - 10.0	1.2	1.5	1.4	1.3	0.5	0.4	0.1	0.6	1.3	2.6	2.1	0.8	0.5	0.5	0.5	1.4	16.6
	10.1 - 12.0	0.9	0.6	0.7	0.5	0.3	0.3	0.0	0.3	0.5	2.0	1.7	0.6	0.5	0.1	0.5	0.6	10.3
	12.1 - 14.0	0.1	0.2	0.0	0.1	0.1	0.4	0.0	0.0	0.3	0.8	0.6	0.6	0.1	0.2	0.3	0.5	4.5
	14.1 - 16.0	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.5	0.4	0.3	0.2	0.1	0.2	0.2	2.8
	16.1 - 18.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.2	0.1	0.0	0.0	0.1	1.2
	18.1 - 20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.9
	20.1 - 22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.4
	22.1 - 24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.6
	24.1 - 26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	26.1 - 28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	28.1 - 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	30.1 - 32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	32.1 - 34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34.1 - 36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	36.1 - 38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	38.1 - 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	> 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Calm																	0.0
	Total	10.5	11.4	7.9	4.2	2.0	1.6	0.9	2.3	5.9	17.3	10.6	4.9	4.0	3.1	4.6	8.8	100.0
	Average Speed	6.1	6.2	6.5	7.5	6.9	10.2	5.7	7.0	8.6	7.4	7.7	8.9	9.8	6.5	6.8	6.4	7.2

Figure 2. Summary Wind Rose, Calico Resources Site

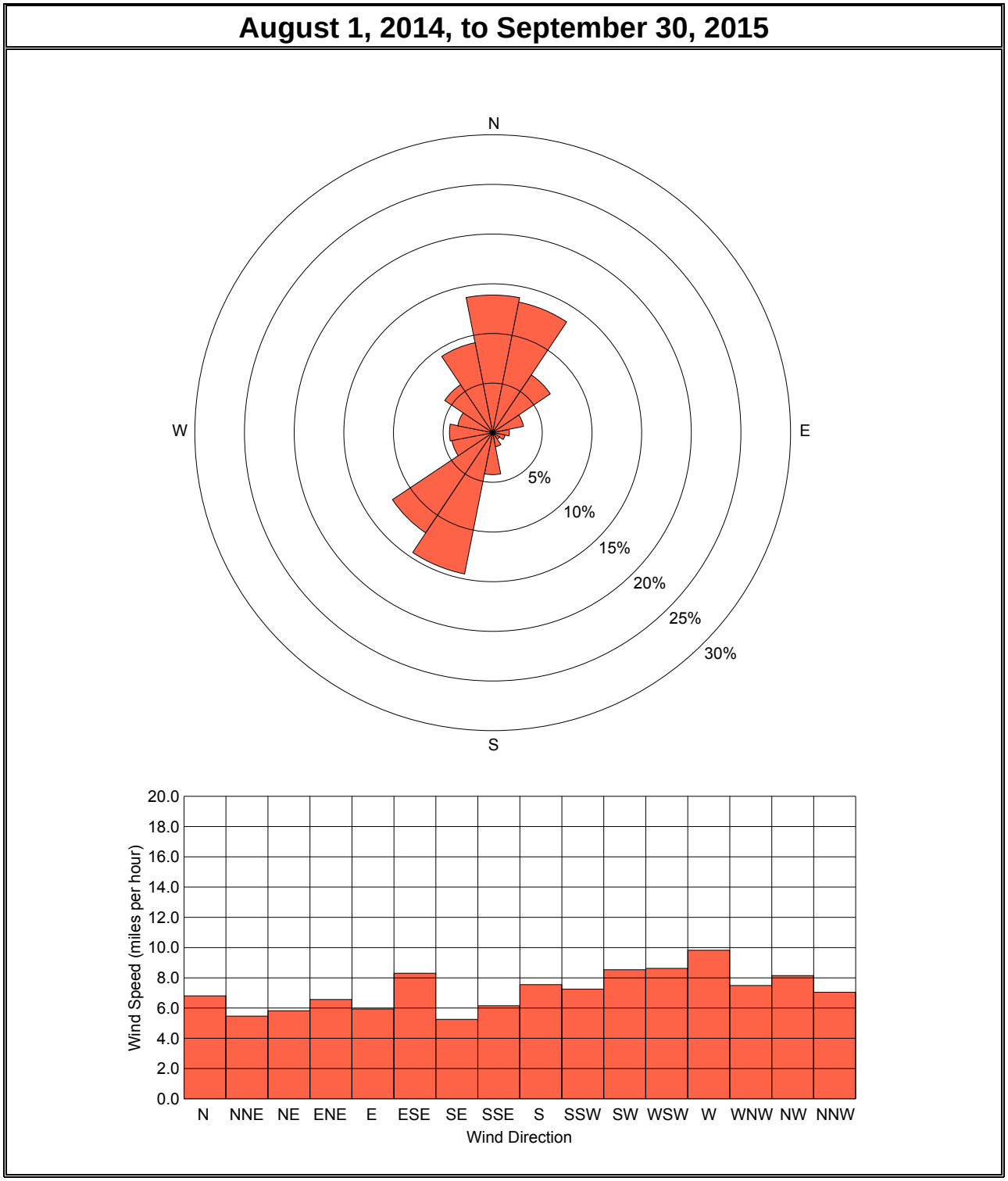


Figure 3. Summary Wind Rose, Calico Resources Site

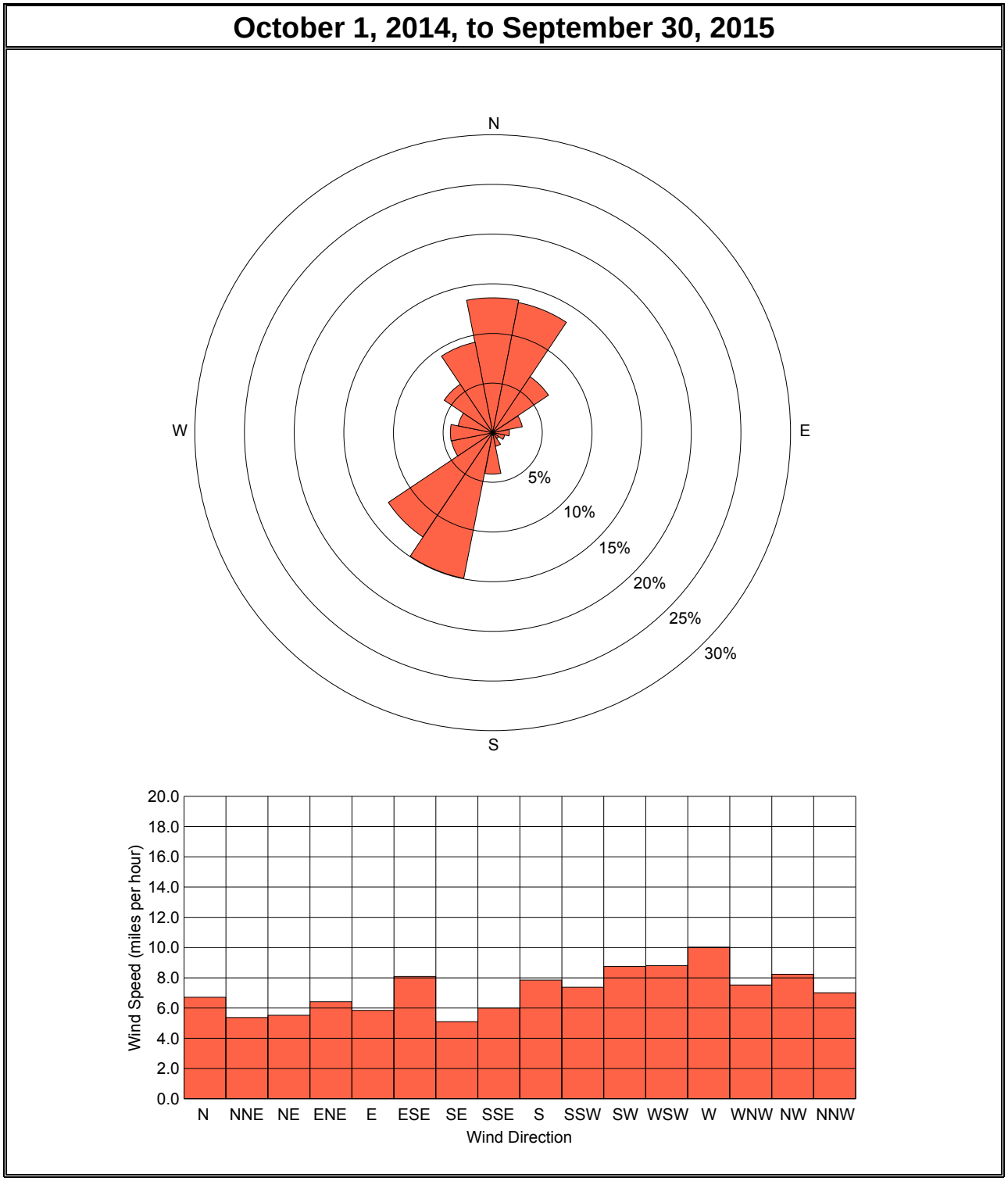


Figure 4. Quarterly Wind Rose, Calico Resources Site

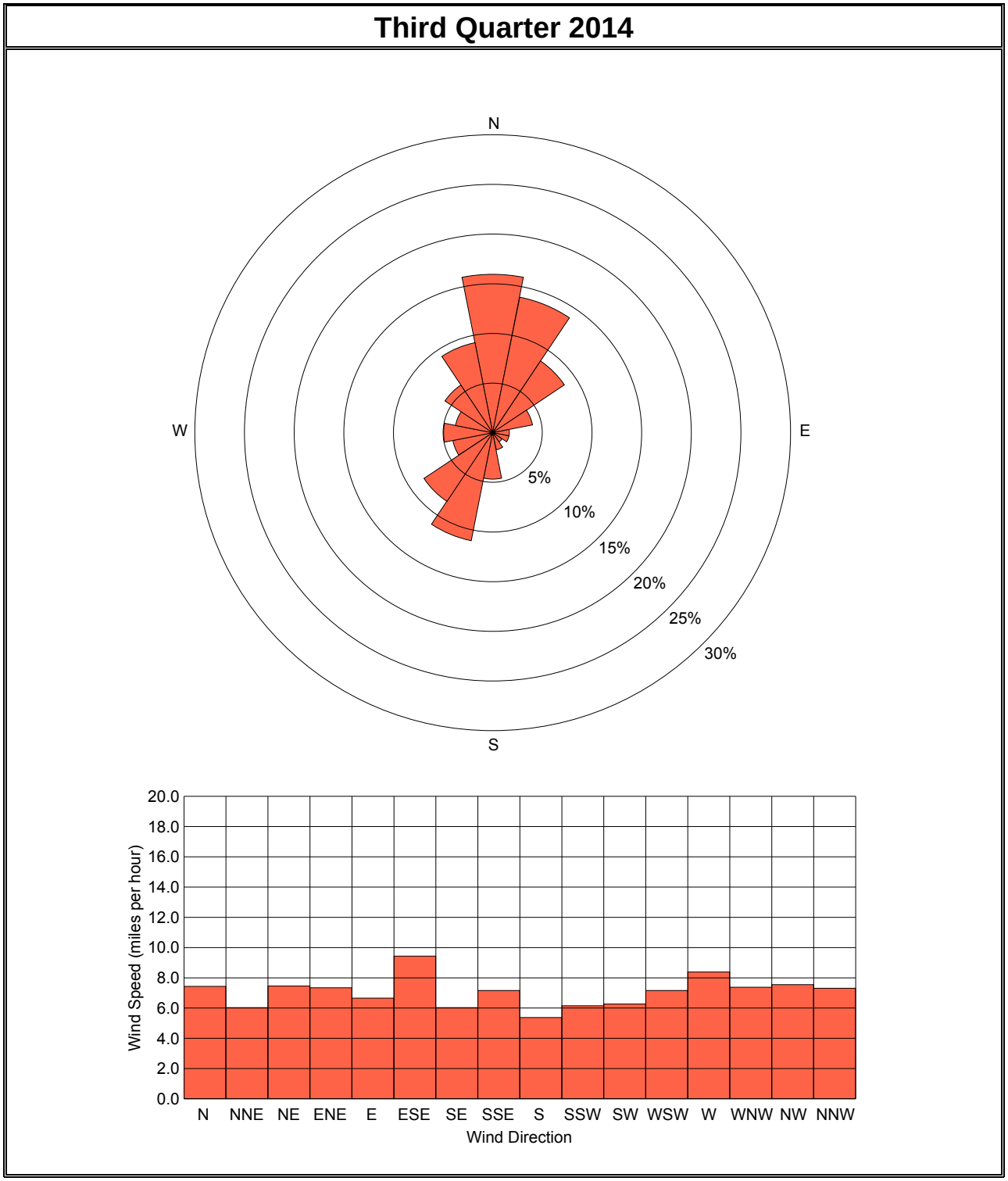


Figure 5. Quarterly Wind Rose, Calico Resources Site

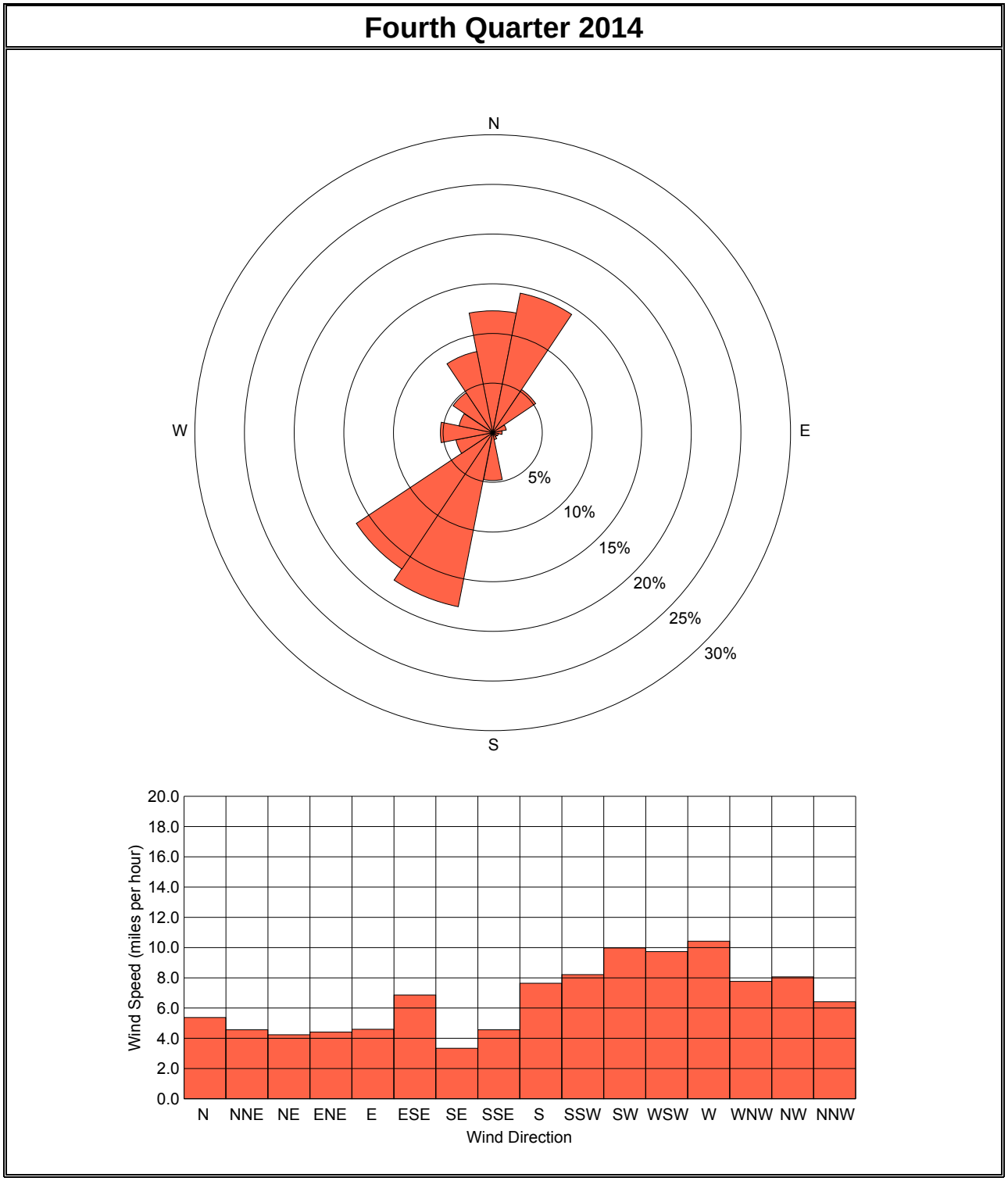


Figure 6. Quarterly Wind Rose, Calico Resources Site

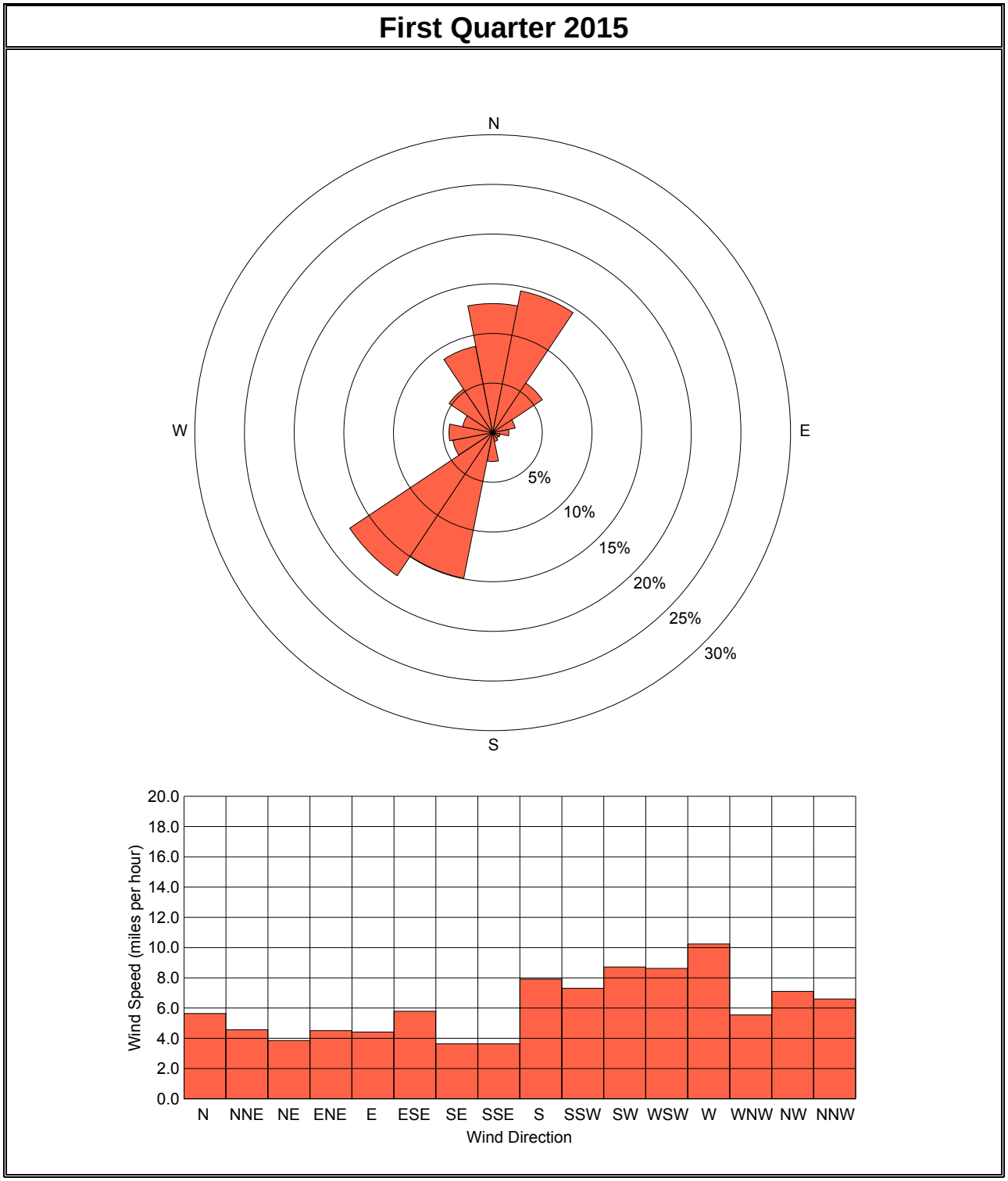


Figure 7. Quarterly Wind Rose, Calico Resources Site

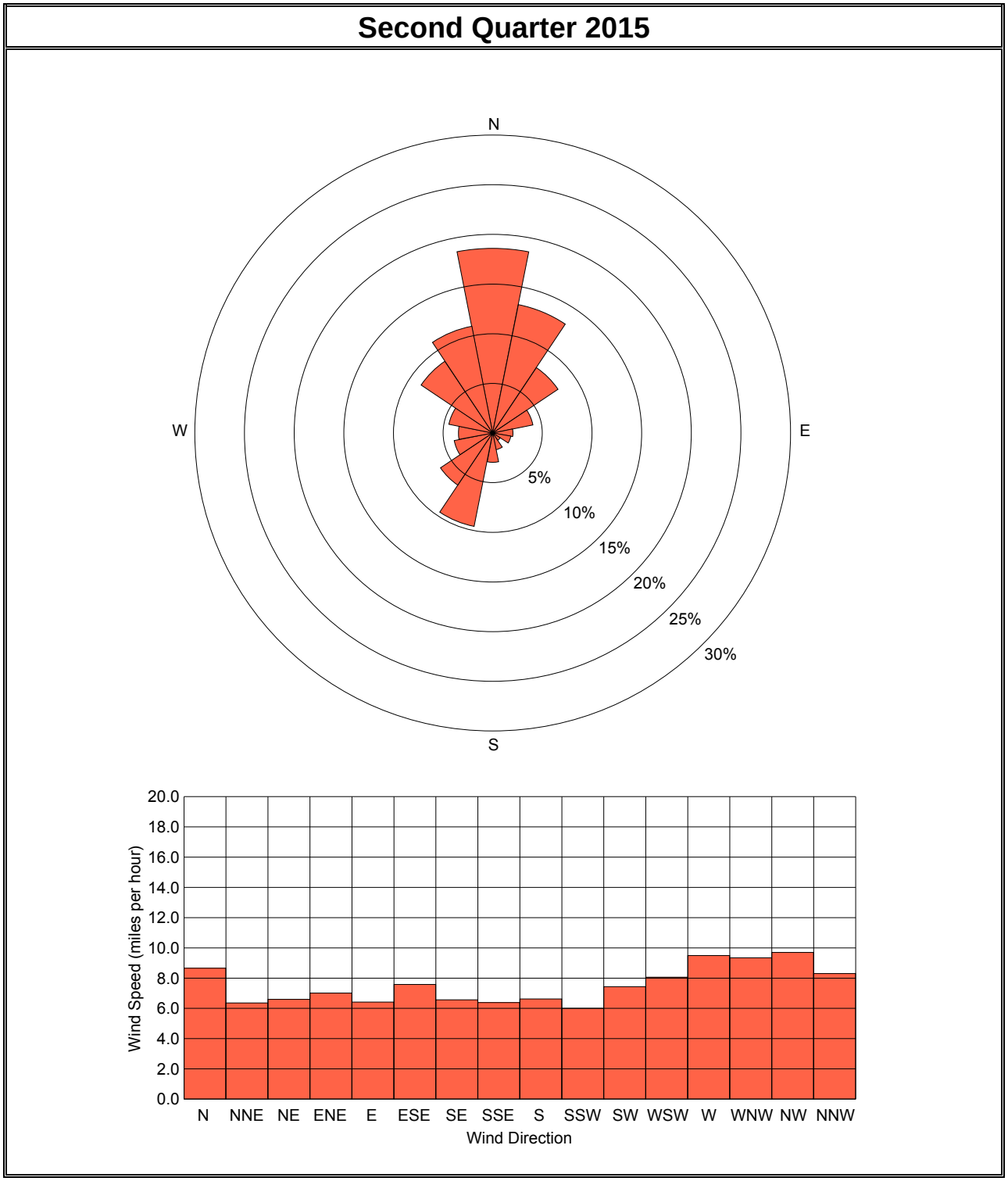
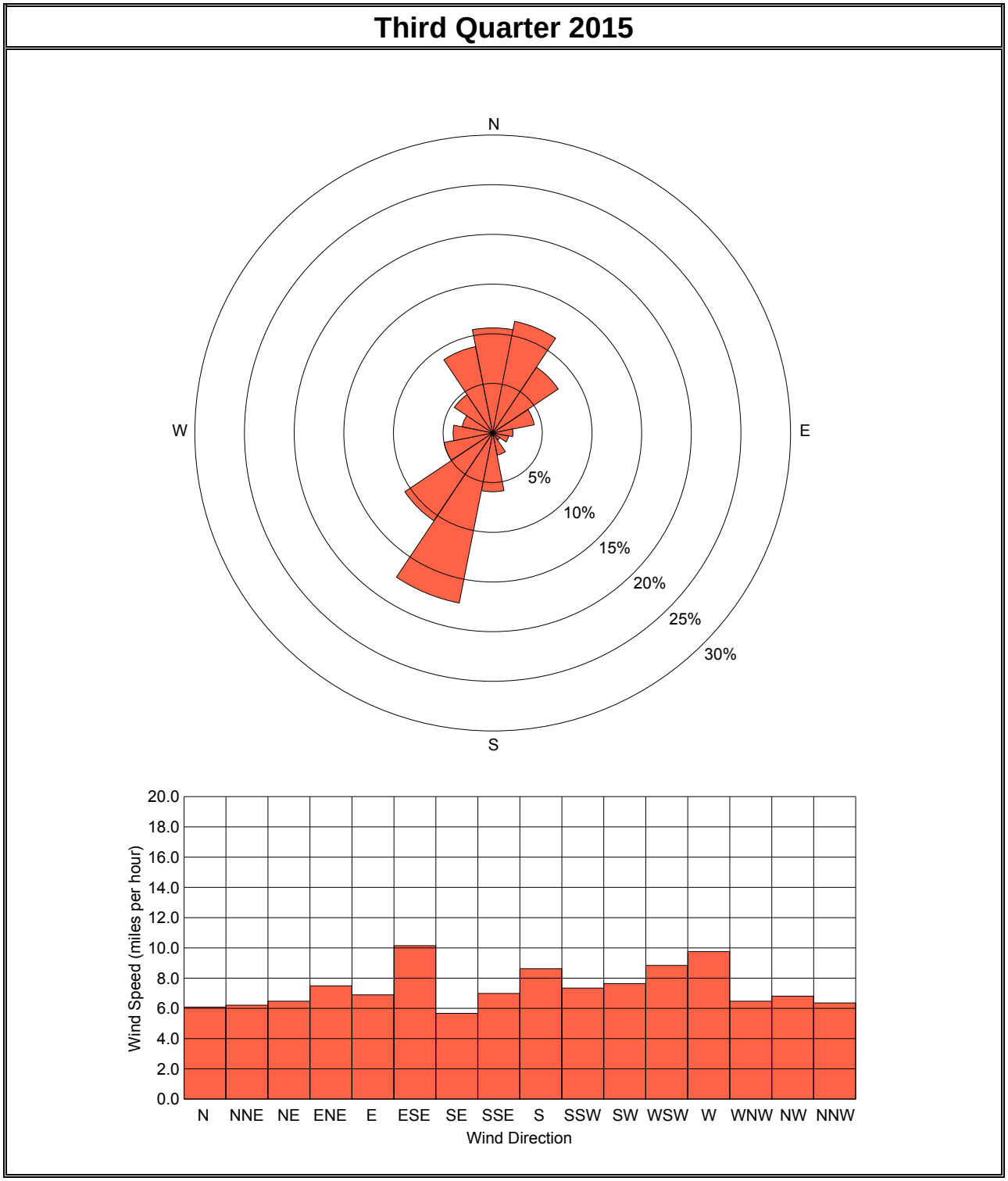


Figure 8. Quarterly Wind Rose, Calico Resources Site



APPENDIX A: SAMPLER CALIBRATIONS

CALIBRATION OF BGI SAMPLER S/N 1622 (CR-1) AT CALICO RESOURCES
Performed 07-30-2014 by Steve Heck of Bison Engineering Inc.
Calibration Standard: BGI Delta Cal SN 1448, Certified 06-04-2014

STARTUP CALIBRATION

FLOW RATE SET POINT	As-Found	Adjusted To
18.4 LPM	N/A	18.34
16.7 LPM	N/A	16.67
15.0 LPM	N/A	14.94

FLOW VERIFY (as left)

Delta Cal = 16.67 LPM

Sampler Reading = 16.70 LPM

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
32.2	32.7	0.5

FILTER TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
35.9	35.4	-0.5

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
674.5	674	-0.5

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
97	97	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1622 (CR-1) AT CALICO RESOURCES
Performed 11-18-2014 by Stephanie Reed of Bison Engineering Inc.
Calibration Standard: BGI Delta Cal SN 1448, Certified 06-04-2014

FLOW VERIFY (as found)

Sampler Reading =	16.67	LPM
Delta Cal =	16.49	LPM
Percent Error (Sampler-Dcal) =	1.1	%
Percent Error from Design Flow =	-1.1	%

FLOW RATE SET POINT	As-Found	Adjusted To
16.4 LPM	17.82	16.43
16.7 LPM	16.49	16.71
15.0 LPM	14.81	15.03

FLOW VERIFY (as left)

Sampler Reading =	16.72	LPM
Delta Cal =	16.77	LPM
Percent Error (Sampler-Dcal) =	-0.3	%
Percent Error from Desigbn Flow =	0.6	%

AMBIENT TEMPERATURE (Annual Multipoint Verification, Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
0.0	0.5	0.5
13.7	14.0	0.3
38.0	38.5	0.5

FILTER TEMPERATURE (Annual Multipoint Verification, Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
0.0	0.3	0.3
13.7	13.3	-0.4
38.0	37.3	-0.7

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
679.4	679	-0.4

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
97	97	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1622 (CR-1) AT CALICO RESOURCES
Performed 2-24-2015 by Stephanie Reed of Bison Engineering Inc.
Calibration Standard: BGI Delta Cal SN 1448, Certified 06-04-2014

FLOW VERIFY (as found)

Sampler Reading =	16.70	LPM
Delta Cal =	16.84	LPM
Percent Error (Sampler-Dcal) =	-0.8	%
Percent Error from Design Flow =	1.0	%

FLOW RATE SET POINT	As-Found	Adjusted To
16.4 LPM	16.01	16.40
16.7 LPM	16.02	16.71
15.0 LPM	14.26	15.01

FLOW VERIFY (as left)

Sampler Reading =	16.72	LPM
Delta Cal =	16.72	LPM
Percent Error (Sampler-Dcal) =	0.0	%
Percent Error from Desigbn Flow =	0.3	%

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
8.1	8.8	0.7

FILTER TEMPERATURE (Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
9.3	8.5	-0.8

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
678.5	677	-1.5

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
102	101	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1622 (CR-1) AT CALICO RESOURCES
Performed 05-11-2015 by Mike Maupin of Bison Engineering Inc.
Calibration Standard: BGI Delta Cal SN 1288, Certified 04-23-2015

FLOW VERIFY (as found)

Sampler Reading =	16.72	LPM
Delta Cal =	17.07	LPM
Percent Error (Sampler-Dcal) =	-2.1	%
Percent Error from Design Flow =	2.4	%

FLOW RATE SET POINT	As-Found	Adjusted To
18.4 LPM	18.85	18.35
16.7 LPM	17.05	16.74
15.0 LPM	15.29	14.97

FLOW VERIFY (as left)

Sampler Reading =	16.72	LPM
Delta Cal =	16.72	LPM
Percent Error (Sampler-Dcal) =	0.0	%
Percent Error from Design Flow =	0.3	%

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
16.0	15.9	-0.1

FILTER TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
16.1	16.5	0.4

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
669.0	667	-2.0

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
100	99	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

BISON ENGINEERING, INC.

CALIBRATION OF BGI SAMPLER S/N: 1622 (CR-1)
LOCATION: Calico Resources near Vale, Oregon
DATE: 8/20/2015
PERFORMED BY: Stephanie Reed
Calibration Standard: BGI Delta Cal **S/N:** 1288

LEAK CHECK

Initial:	102	cm H2O
Final:	101	cm H2O

FLOW VERIFY (as found)

Delta Cal:	16.68	LPM	Sampler Ind.:	16.71	LPM

FLOW RATE SET POINT	As-Found	Adjusted To
15.0 LPM	14.90	15.00
18.4 LPM	18.33	18.41
16.7 LPM	16.60	16.71

FLOW VERIFY (as left)

Delta Cal:	16.70	LPM	Sampler Ind.:	16.70	LPM

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Reference Standard	Sampler (°C)	Difference (°C)
24.2	24.1	-0.1

FILTER TEMPERATURE (Limit ± 2.0 °C)

Reference Standard	Sampler (°C)	Difference (°C)
23.5	23.0	-0.5

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal:	671	mmHg	Sampler Ind.:	670	mmHg

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1035 (CR-2) AT CALICO RESOURCES
Performed 07-30-2014 by Steve Heck of Bison Engineering Inc.
Calibration Standard: BGI Delta Cal SN 1448, Certified 06-04-2014

STARTUP CALIBRATION

FLOW RATE SET POINT	As-Found	Adjusted To
18.4 LPM	N/A	18.34
16.7 LPM	N/A	16.68
15.0 LPM	N/A	15.00

FLOW VERIFY (as left)

Delta Cal = 16.68 LPM

Sampler Reading = 16.70 LPM

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
32.9	33.2	0.3

FILTER TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
35.9	35.2	-0.7

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
674	673	-1.0

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
99	98	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1755 (CR-2) AT CALICO RESOURCES
Performed 08-19-2014 by Stephanie Reed of Calico Resources
Calibration Standard: BGI Delta Cal SN 1448, Certified 06-04-2014

STARTUP CALIBRATION

FLOW RATE SET POINT	As-Found	Adjusted To
18.4 LPM	N/A	18.38
16.7 LPM	N/A	16.71
15.0 LPM	N/A	15.03

FLOW VERIFY (as left)

Delta Cal = 16.69 LPM

Sampler Reading = 16.70 LPM

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
28.7	29.9	1.2

FILTER TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
29.8	30.8	1.0

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
668.5	668	-0.5

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
98	98	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1755 (CR-2) AT CALICO RESOURCES
Performed 11-18-2014 by Stephanie Reed of Bison Engineering Inc.
Calibration Standard: BGI Delta Cal SN 1448, Certified 06-04-2014

FLOW VERIFY (as found)

Sampler Reading =	16.72	LPM
Delta Cal =	16.66	LPM
Percent Error (Sampler-Dcal) =	0.4	%
Percent Error from Design Flow =	-0.1	%

FLOW RATE SET POINT	As-Found	Adjusted To
18.4 LPM	18.35	N/A
16.7 LPM	16.66	N/A
15.0 LPM	14.93	N/A

FLOW VERIFY (as left) **No Adjustments Made**

Sampler Reading =	N/A	LPM
Delta Cal =	N/A	LPM
Percent Error (Sampler-Dcal) =	N/A	%
Percent Error from Desigbn Flow =	N/A	%

AMBIENT TEMPERATURE (Annual Multipoint Verification, Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
0.0	0.7	0.7
17.8	18.4	0.6
35.6	36.4	0.8

FILTER TEMPERATURE (Annual Multipoint Verification, Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
0.0	0.7	0.7
17.8	18.0	0.2
35.6	36.1	0.5

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
679.3	682	2.7

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
101	100	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1755 (CR-2) AT CALICO RESOURCES
Performed 2-24-2015 by Stephanie Reed of Bison Engineering Inc.
Calibration Standard: BGI Delta Cal SN 1448, Certified 06-04-2014

FLOW VERIFY (as found)

Sampler Reading =	16.72	LPM
Delta Cal =	16.78	LPM
Percent Error (Sampler-Dcal) =	-0.4	%
Percent Error from Design Flow =	0.7	%

FLOW RATE SET POINT	As-Found	Adjusted To
18.4 LPM	Over	18.38
16.7 LPM	19.11	16.68
15.0 LPM	17.00	14.72

FLOW VERIFY (as left)

Sampler Reading =	16.70	LPM
Delta Cal =	16.66	LPM
Percent Error (Sampler-Dcal) =	0.2	%
Percent Error from Desigbn Flow =	-0.1	%

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
3.4	3.9	0.5

FILTER TEMPERATURE (Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
4.5	4.8	0.3

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
679.0	680	1.0

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
99	98	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1755 (CR-2) AT CALICO RESOURCES
Performed 05-11-2015 by Mike Maupin of Bison Engineering Inc.
Calibration Standard: BGI Delta Cal SN 1288, Certified 04-23-2015

FLOW VERIFY (as found)

Sampler Reading =	16.72	LPM
Delta Cal =	16.87	LPM
Percent Error (Sampler-Dcal) =	-0.9	%
Percent Error from Design Flow =	1.2	%

FLOW RATE SET POINT	As-Found	Adjusted To
18.4 LPM	over	18.44
16.7 LPM	16.88	16.72
15.0 LPM	14.96	15.03

FLOW VERIFY (as left)

Sampler Reading =	16.72	LPM
Delta Cal =	16.74	LPM
Percent Error (Sampler-Dcal) =	-0.1	%
Percent Error from Design Flow =	0.4	%

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
16.7	16.9	0.2

FILTER TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
16.7	17.7	1.0

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
669.0	669	0.0

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
99	98	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

BISON ENGINEERING, INC.

CALIBRATION OF BGI SAMPLER S/N: 1755 (CR-2)
LOCATION: Calico Resources near Vale, Oregon
DATE: 8/20/2015
PERFORMED BY: Stephanie Reed
Calibration Standard: BGI Delta Cal **S/N:** 1288

LEAK CHECK

Initial:	99	cm H2O
Final:	98	cm H2O

FLOW VERIFY (as found)

Delta Cal:	16.76	LPM	Sampler Ind.:	16.7	LPM

FLOW RATE SET POINT	As-Found	Adjusted To
15.0 LPM	15.42	14.99
18.4 LPM	18.45	18.40
16.7 LPM	16.98	16.70

FLOW VERIFY (as left)

Delta Cal:	16.7	LPM	Sampler Ind.:	16.7	LPM

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Reference Standard	Sampler (°C)	Difference (°C)
27.8	27.9	0.1

FILTER TEMPERATURE (Limit ± 2.0 °C)

Reference Standard	Sampler (°C)	Difference (°C)
27.3	27.9	0.6

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal:	671	mmHg	Sampler Ind.:	670	mmHg

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1038 (CR-3) AT CALICO RESOURCES
Performed 07-30-2014 by Stephanie Reed of Calico Resources
Calibration Standard: BGI Delta Cal SN 1448, Certified 06-04-2014

STARTUP CALIBRATION

FLOW RATE SET POINT	As-Found	Adjusted To
18.4 LPM	N/A	18.41
16.7 LPM	N/A	16.69
15.0 LPM	N/A	15.02

FLOW VERIFY (as left)

Delta Cal = 16.85 LPM

Sampler Reading = 16.70 LPM

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
33.0	33.1	0.1

FILTER TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
35.2	35.4	0.2

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
673.0	673	0.0

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
98	97	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1756 (CR-3) AT CALICO RESOURCES
Performed 08-19-2014 by Stephanie Reed of Calico Resources
Calibration Standard: BGI Delta Cal SN 1448, Certified 06-04-2014

STARTUP CALIBRATION

FLOW RATE SET POINT	As-Found	Adjusted To
18.4 LPM	N/A	18.37
16.7 LPM	N/A	16.67
15.0 LPM	N/A	15.02

FLOW VERIFY (as left)

Delta Cal = 16.61 LPM

Sampler Reading = 16.72 LPM

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
29.1	28.8	-0.3

FILTER TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
29.5	29.6	0.1

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
668.5	668	-0.5

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
99	99	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1756 (CR-3) AT CALICO RESOURCES
Performed 11-18-2014 by Stephanie Reed of Bison Engineering Inc.
Calibration Standard: BGI Delta Cal SN 1448, Certified 06-04-2014

FLOW VERIFY (as found)

Sampler Reading =	16.72	LPM
Delta Cal =	16.30	LPM
Percent Error (Sampler-Dcal) =	2.5	%
Percent Error from Design Flow =	-2.2	%

FLOW RATE SET POINT	As-Found	Adjusted To
18.4 LPM	17.85	18.41
16.7 LPM	16.30	16.67
15.0 LPM	14.87	15.02

FLOW VERIFY (as left)

Sampler Reading =	16.70	LPM
Delta Cal =	16.63	LPM
Percent Error (Sampler-Dcal) =	0.4	%
Percent Error from Desigbn Flow =	-0.2	%

AMBIENT TEMPERATURE (Annual Multipoint Verification, Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
0.0	0.7	0.7
19.2	19.7	0.5
37.3	37.1	-0.2

FILTER TEMPERATURE (Annual Multipoint Verification, Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
0.0	0.5	0.5
19.2	19.5	0.3
37.3	37.7	0.4

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
679.3	680	0.7

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
99	99	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1756 (CR-3) AT CALICO RESOURCES
Performed 2-24-2015 by Stephanie Reed of Bison Engineering Inc.
Calibration Standard: BGI Delta Cal SN 1448, Certified 06-04-2014

FLOW VERIFY (as found)

Sampler Reading =	16.72	LPM
Delta Cal =	16.88	LPM
Percent Error (Sampler-Dcal) =	-1.0	%
Percent Error from Design Flow =	1.3	%

FLOW RATE SET POINT	As-Found	Adjusted To
18.4 LPM	17.72	18.42
16.7 LPM	15.94	16.71
15.0 LPM	14.40	14.99

FLOW VERIFY (as left)

Sampler Reading =	16.72	LPM
Delta Cal =	16.69	LPM
Percent Error (Sampler-Dcal) =	0.2	%
Percent Error from Desigbn Flow =	0.1	%

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
7.2	6.5	-0.7

FILTER TEMPERATURE (Limit ± 2.0 °C)

Control Company Model 4000 (°C)	Sampler (°C)	Difference (°C)
7.3	7.6	0.3

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)	
673.0	673	0.0	(1)
668.5	669	0.5	(2)

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
98	97	Pass

(1) Check performed 2-21-2015
(2) Check performed 2-28-2015

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

CALIBRATION OF BGI SAMPLER S/N 1756 (CR-3) AT CALICO RESOURCES
Performed 05-11-2015 by Mike Maupin of Bison Engineering Inc.
Calibration Standard: BGI Delta Cal SN 1288, Certified 04-23-2015

FLOW VERIFY (as found)

Sampler Reading =	16.72	LPM
Delta Cal =	16.95	LPM
Percent Error (Sampler-Dcal) =	-1.4	%
Percent Error from Design Flow =	1.7	%

FLOW RATE SET POINT	As-Found	Adjusted To
16.4 LPM	16.96	16.39
16.7 LPM	16.90	16.69
15.0 LPM	15.21	15.02

FLOW VERIFY (as left)

Sampler Reading =	16.70	LPM
Delta Cal =	16.66	LPM
Percent Error (Sampler-Dcal) =	0.2	%
Percent Error from Design Flow =	-0.1	%

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
18.1	18.2	-0.1

FILTER TEMPERATURE (Limit ± 2.0 °C)

Delta Cal (°C)	Sampler (°C)	Difference (°C)
17.7	18.3	0.6

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal (mmHg)	Sampler (mmHg)	Difference (mmHg)
668.5	669	0.5

LEAK CHECK

Initial (cm)	Final (cm)	Pass/Fail
99	98	Pass

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

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CALIBRATION OF BGI SAMPLER S/N: 1756 (CR-3)
LOCATION: Calico Resources near Vale, Oregon
DATE: 8/20/2015
PERFORMED BY: Stephanie Reed
Calibration Standard: BGI Delta Cal **S/N:** 1288

LEAK CHECK

Initial:	98	cm H2O
Final:	97	cm H2O

FLOW VERIFY (as found)

Delta Cal:	16.71	LPM	Sampler Ind.:	16.70	LPM

FLOW RATE SET POINT	As-Found	Adjusted To
15.0 LPM	15.57	15.01
18.4 LPM	18.76	18.41
16.7 LPM	17.10	16.70

FLOW VERIFY (as left)

Delta Cal:	16.7	LPM	Sampler Ind.:	16.7	LPM

AMBIENT TEMPERATURE (Limit ± 2.0 °C)

Reference Standard	Sampler (°C)	Difference (°C)
25.2	25.4	0.2

FILTER TEMPERATURE (Limit ± 2.0 °C)

Reference Standard	Sampler (°C)	Difference (°C)
25.2	25.7	0.5

AMBIENT PRESSURE (Limit ± 10 mmHg)

Delta Cal:	671	mmHg	Sampler Ind.:	671	mmHg

Notes: LPM=liters per minute; °C=degrees Celsius; mmHg=millimeters of mercury; cm=centimeter;

APPENDIX B: SAMPLER PERFORMANCE AUDITS

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: $PM_{2.5}$ Reporting – BGI PQ200		Serial Number: 1622 (CR-1)	
Auditor: Don Milmine	Location (field or lab): field		Site Operator: Stephanie Reed
Barometric Pressure Sensor Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 999	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	668	668.2	-0.2
Thermocouple Temperature Sensor Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 999	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	25.8	27.5	-1.7
Filter thermocouple	26.4	27.1	-0.7
Flow Rate Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 999	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.45	+1.52 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.45	16.67	-1.32 %
Leak Check			
Vacuum Readings (mm Hg)	Start **134**	End **133**	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: $PM_{2.5}$ Reporting – BGI PQ200		Serial Number: 1622 (CR-1)	
Auditor: Steve Heck	Location (field or lab): field		Site Operator: Stephanie Reed
Barometric Pressure Sensor Verification			
Date: 11/18/2014		Date standard last verified: 5/8/2014	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 1288	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	680	678.5	1.5
Thermocouple Temperature Sensor Verification			
Date: 11/18/2014		Date standard last verified: 5/8/2014	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 1288	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	-9.5	-9.8	0.3
Filter thermocouple	-8.8	-8.3	-0.5
Flow Rate Verification			
Date: 11/18/2014		Date standard last verified: 5/8/2014	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 1288	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.49	+1.27 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.49	16.67	-1.08 %
Leak Check			
Vacuum Readings (mm Hg)	Start 96	End 96	Passing Condition

Figure 8.6-1
Performance Audit Data Sheet

BGI Inc. PQ200 Low Volume Sampler - Performance Audit Data Sheet			
Sampler Type (circle): ($PM_{2.5}$) PM_{10}		Sampler Serial Number: 162.2	
Sampler Site Designation: CR1			
Auditor: Don Milmine		Site Operator: Stephanie Reed	
Barometric Pressure Sensor Audit			
Date: 2/24/15		Date standard last verified: 5/8/14	
Audit Standard Mfr.: Vaisala	Model: PTB330	Serial Number: D4310002	
Reading (mm Hg)	Sampler Indicated (a)	Audit Transfer Standard (b)	Difference (a - b) mmHg (must be ≤ ±10)
Ambient P	678	679	-1
Thermocouple Temperature Sensor Audit			
Date: 2/24/15		Date standard last verified: 5/8/14	
Audit Standard Mfr.: Ever-Safe	Model:	Serial Number: 016076	
Reading (degrees Celsius)	Sampler Indicated (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	4.4	4.3	+0.1
Filter thermocouple	3.6	4.0	-0.4
Flow Rate Audit			
Date: 2/24/15		Date standard last verified: 5/8/14	
Audit Standard Mfr.: BGI	Model: delta cal	Serial Number: 1288	
Reading (liters per minute)	Sampler Indicated (a)	Audit Transfer Standard (b)	% Difference= 100*(a – b)/b (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.82	-0.7
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference= 100*(b– c)/c (must be ≤ ± 5%)
Design flow rate check		16.67	0.9
Leak Check			
Vacuum Readings (cm H_2O)	Start: 101	End: 98	Pass / Fail?

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: $PM_{2.5}$ Reporting – BGI PQ200		Serial Number: 1622 (CR-1)	
Auditor: Steve Heck	Location (field or lab): field		Site Operator: Mike Maupin
Barometric Pressure Sensor Verification			
Date: 5/11/2015		Date standard last verified: 4/23/2015	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 1288	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	667	669.0	-2.0
Thermocouple Temperature Sensor Verification			
Date: 5/11/2015		Date standard last verified: 4/23/2015	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 1288	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	14.8	14.8	0.0
Filter thermocouple	15.8	15.2	0.6
Flow Rate Verification			
Date: 5/11/2015		Date standard last verified: 4/23/2015	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 1288	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	17.14	-2.57 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	17.14	16.67	2.82 %
Leak Check			
Vacuum Readings (mm Hg)	Start 101	End 98	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: $PM_{2.5}$ Reporting – BGI PQ200		Serial Number: 1622 (CR-1)	
Auditor: Jeff Bell	Location (field or lab): field		Site Operator: Stephanie Reed
Barometric Pressure Sensor Verification			
Date: 8/20/2015		Date standard last verified: 3/04/2015	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 999	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	669	668.7	-0.3
Thermocouple Temperature Sensor Verification			
Date: 8/20/2015		Date standard last verified: 3/04/2015	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 999	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	23.3	24.2	-0.9
Filter thermocouple	21.1	22.2	-1.1
Flow Rate Verification			
Date: 8/20/2015		Date standard last verified: 3/04/2015	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 999	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.70	0.0 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.70	16.67	-0.18 %
Leak Check			
Vacuum Readings (mm Hg)	Start 100	End 99	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: $PM_{2.5}$ Reporting – BGI PQ200		Serial Number: 1622 (CR-1)	
Auditor: Steve Heck	Location (field or lab): field		Site Operator: Mike Maupin
Barometric Pressure Sensor Verification			
Date: 10/06/2015		Date standard last verified: 07/16/2015	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 1448	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	673	674.5	-1.5
Thermocouple Temperature Sensor Verification			
Date: 10/06/2015		Date standard last verified: 07/16/2015	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 1448	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	15.2	15.1	0.1
Filter thermocouple	14.5	15.3	-0.8
Flow Rate Verification			
Date: 10/06/2015		Date standard last verified: 07/16/2015	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 1448	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.72	16.63	0.54 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.63	16.67	-0.24 %
Leak Check			
Vacuum Readings (mm Hg)	Start 97	End 94	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: PM_{10} Reporting – BGI PQ200		Serial Number: 1035 (CR-2)	
Auditor: Don Milmine	Location (field or lab): field		Site Operator: Stephanie Reed
Barometric Pressure Sensor Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 999	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	667	668.7	-1.7
Thermocouple Temperature Sensor Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 999	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	27.9	27.1	0.8
Filter thermocouple	28.4	28.7	-0.3
Flow Rate Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 999	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.52	+1.09 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.52	16.67	-0.90 %
Leak Check			
Vacuum Readings (mm Hg)	Start 100	End 99	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: PM_{10} Reporting – BGI PQ200		Serial Number: 1755 (CR-2)	
Auditor: Don Milmine	Location (field or lab): field		Site Operator: Stephanie Reed
Barometric Pressure Sensor Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 999	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	668	668.2	-0.2
Thermocouple Temperature Sensor Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 999	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	29.2	27.7	1.5
Filter thermocouple	30.5	30.0	0.5
Flow Rate Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 999	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.74	-0.24 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.74	16.67	0.42 %
Leak Check			
Vacuum Readings (mm Hg)	Start **174**	End **174**	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: PM_{10} Reporting – BGI PQ200		Serial Number: 1755 (CR-2)	
Auditor: Steve Heck	Location (field or lab): field		Site Operator: Stephanie Reed
Barometric Pressure Sensor Verification			
Date: 11/18/2014		Date standard last verified: 5/8/2014	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 1288	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	683	678.0	5.0
Thermocouple Temperature Sensor Verification			
Date: 11/18/2014		Date standard last verified: 5/8/2014	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 1288	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	-8.7	-9.3	0.6
Filter thermocouple	-7.3	-7.6	0.3
Flow Rate Verification			
Date: 11/18/2014		Date standard last verified: 5/8/2014	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 1288	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.72	-0.12 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.72	16.67	+0.30 %
Leak Check			
Vacuum Readings (mm Hg)	Start 97	End 97	Passing Condition

Figure 8.6-1
Performance Audit Data Sheet

BGI Inc. PQ200 Low Volume Sampler - Performance Audit Data Sheet			
Sampler Type (circle): $PM_{2.5}$ (PM_{10})		Sampler Serial Number:	
Sampler Site Designation: S/N 1755 CR-2			
Auditor: Dan Milmine		Site Operator: B Stephanie Read	
Barometric Pressure Sensor Audit			
Date: 2/24/15		Date standard last verified: 5/8/14	
Audit Standard Mfr.: Vaisala	Model: PTB330	Serial Number: D4310002	
Reading (mm Hg)	Sampler Indicated (a)	Audit Transfer Standard (b)	Difference (a - b) mmHg (must be ≤ ±10)
Ambient P	681	679	+2
Thermocouple Temperature Sensor Audit			
Date: 2/24/15		Date standard last verified: 5/8/14	
Audit Standard Mfr.: Ever-Safe	Model:	Serial Number: 016076	
Reading (degrees Celsius)	Sampler Indicated (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	2.9	2.7	+0.2
Filter thermocouple	3.2	2.7	+0.5
Flow Rate Audit			
Date: 2/24/15		Date standard last verified: 5/8/14	
Audit Standard Mfr.: BGI	Model: delta cal	Serial Number: 1288	
Reading (liters per minute)	Sampler Indicated (a)	Audit Transfer Standard (b)	% Difference= 100*(a – b)/b (must be ≤ ± 4%)
Audit standard flow rate check	16.72	16.68	0.2
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference= 100*(b– c)/c (must be ≤ ± 5%)
Design flow rate check	16.68	16.67	0.1
Leak Check			
Vacuum Readings (cm H_2O)	Start	End	(Pass) / Fail?
	115	114	

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: PM_{10} Reporting – BGI PQ200		Serial Number: 1755 (CR-2)	
Auditor: Steve Heck	Location (field or lab): field	Site Operator: Mike Maupin	
Barometric Pressure Sensor Verification			
Date: 5/11/2015		Date standard last verified: 4/23/2015	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 1288	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	669	669.0	0.0
Thermocouple Temperature Sensor Verification			
Date: 5/11/2015		Date standard last verified: 4/23/2015	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 1288	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	15.4	15.0	0.4
Filter thermocouple	16.1	15.1	1.0
Flow Rate Verification			
Date: 5/11/2015		Date standard last verified: 4/23/2015	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 1288	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.89	-1.12 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.89	16.67	1.32 %
Leak Check			
Vacuum Readings (mm Hg)	Start 97	End 94	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: PM_{10} Reporting – BGI PQ200		Serial Number: 1755 (CR-2)	
Auditor: Jeff Bell	Location (field or lab): field		Site Operator: Stephanie Reed
Barometric Pressure Sensor Verification			
Date: 8/20/2015		Date standard last verified: 3/04/2015	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 999	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	670	669.0	1.0
Thermocouple Temperature Sensor Verification			
Date: 8/20/2015		Date standard last verified: 3/04/2015	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 999	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	26.8	27.7	-0.9
Filter thermocouple	27.1	27.0	0.1
Flow Rate Verification			
Date: 8/20/2015		Date standard last verified: 3/04/2015	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 999	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.86	-0.95 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.86	16.67	1.14 %
Leak Check			
Vacuum Readings (mm Hg)	Start 95	End 95	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: PM_{10} Reporting – BGI PQ200		Serial Number: 1755 (CR-2)	
Auditor: Steve Heck	Location (field or lab): field		Site Operator: Mike Maupin
Barometric Pressure Sensor Verification			
Date: 10/06/2015		Date standard last verified: 07/16/2015	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 1448	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	675	674.5	-0.5
Thermocouple Temperature Sensor Verification			
Date: 10/06/2015		Date standard last verified: 07/16/2015	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 1448	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	16.6	16.3	0.3
Filter thermocouple	16.8	17.3	-0.5
Flow Rate Verification			
Date: 10/06/2015		Date standard last verified: 07/16/2015	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 1448	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.67	16.57	0.60 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.57	16.67	-0.60 %
Leak Check			
Vacuum Readings (mm Hg)	Start 98	End 95	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: $PM_{2.5}$ Duplicate – BGI PQ200		Serial Number: 1038 (CR-3)	
Auditor: Don Milmine	Location (field or lab): field		Site Operator: Stephanie Reed
Barometric Pressure Sensor Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 999	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	668	668.7	-0.7
Thermocouple Temperature Sensor Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 999	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	27.3	26.7	0.6
Filter thermocouple	27.0	28.2	-1.2
Flow Rate Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 999	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.27	+2.64 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.27	16.67	-2.40 %
Leak Check			
Vacuum Readings (mm Hg)	Start 95	End 93	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: $PM_{2.5}$ Duplicate – BGI PQ200		Serial Number: 1756 (CR-3)	
Auditor: Don Milmine	Location (field or lab): field		Site Operator: Stephanie Reed
Barometric Pressure Sensor Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 999	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	668	668.2	-0.2
Thermocouple Temperature Sensor Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 999	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	29.7	28.4	1.3
Filter thermocouple	31.1	30.7	0.4
Flow Rate Verification			
Date: 08/19/2014		Date standard last verified: 3/19/2014	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 999	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.71	16.77	-0.36 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.77	16.67	0.60 %
Leak Check			
Vacuum Readings (mm Hg)	Start 106	End 106	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: $PM_{2.5}$ Duplicate – BGI PQ200		Serial Number: 1756 (CR-3)	
Auditor: Steve Heck	Location (field or lab): field		Site Operator: Stephanie Reed
Barometric Pressure Sensor Verification			
Date: 11/18/2014		Date standard last verified: 5/8/2014	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 1288	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	681	678.5	2.5
Thermocouple Temperature Sensor Verification			
Date: 11/18/2014		Date standard last verified: 5/8/2014	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 1288	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	-9.1	-9.6	0.5
Filter thermocouple	-7.9	-8.1	0.2
Flow Rate Verification			
Date: 11/18/2014		Date standard last verified: 5/8/2014	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 1288	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.35	+2.14 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.35	16.67	-1.92 %
Leak Check			
Vacuum Readings (mm Hg)	Start 96	End 95	Passing Condition

Figure 8.6-1
Performance Audit Data Sheet

BGI Inc. PQ200 Low Volume Sampler - Performance Audit Data Sheet			
Sampler Type (circle): $PM_{2.5}$ PM_{10}		Sampler Serial Number:	
Sampler Site Designation: SN 1756 HQR CR-3			
Auditor: Don Milmine		Site Operator: Stephanie Reed	
Barometric Pressure Sensor Audit			
Date: 2/24/15		Date standard last verified: 5/8/14	
Audit Standard Mfr.: Vaisala	Model: PTB330	Serial Number: D4310002	
Reading (mm Hg)	Sampler Indicated (a)	Audit Transfer Standard (b)	Difference (a - b) mmHg (must be ≤ ±10)
Ambient P	680	679	+1
Thermocouple Temperature Sensor Audit			
Date: 2/24/15		Date standard last verified: 5/8/14	
Audit Standard Mfr.: Ever-Safe	Model:	Serial Number: 016076	
Reading (degrees Celsius)	Sampler Indicated (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	4.0	3.5	+0.5
Filter thermocouple	3.4	3.5	-0.1
Flow Rate Audit			
Date: 2/24/15		Date standard last verified: 5/8/14	
Audit Standard Mfr.: BGI	Model: delta cal	Serial Number: 1288	
Reading (liters per minute)	Sampler Indicated (a)	Audit Transfer Standard (b)	% Difference= 100*(a – b)/b (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.84	-0.8
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference= 100*(b– c)/c (must be ≤ ± 5%)
Design flow rate check	16.84	16.67	1.0
Leak Check			
Vacuum Readings (cm H_2O)	Start 98	End 96	(Pass) / Fail?

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: $PM_{2.5}$ Duplicate – BGI PQ200		Serial Number: 1756 (CR-3)	
Auditor: Steve Heck	Location (field or lab): field		Site Operator: Mike Maupin
Barometric Pressure Sensor Verification			
Date: 5/11/2015		Date standard last verified: 4/23/2015	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 1288	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	669	669.0	0.0
Thermocouple Temperature Sensor Verification			
Date: 5/11/2015		Date standard last verified: 4/23/2015	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 1288	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	15.6	15.3	0.3
Filter thermocouple	16.1	15.3	0.8
Flow Rate Verification			
Date: 5/11/2015		Date standard last verified: 4/23/2015	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 1288	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.96	-1.53 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.96	16.67	1.74 %
Leak Check			
Vacuum Readings (mm Hg)	Start 98	End 95	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: $PM_{2.5}$ Duplicate – BGI PQ200		Serial Number: 1756 (CR-3)	
Auditor: Jeff Bell	Location (field or lab): field		Site Operator: Stephanie Reed
Barometric Pressure Sensor Verification			
Date: 8/20/2015		Date standard last verified: 3/04/2015	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 999	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	671	669	2
Thermocouple Temperature Sensor Verification			
Date: 8/20/2015		Date standard last verified: 3/04/2015	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 999	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	25.2	26.1	-0.9
Filter thermocouple	25.1	25.5	-0.4
Flow Rate Verification			
Date: 8/20/2015		Date standard last verified: 3/04/2015	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 999	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.64	16.70	-0.36 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.70	16.67	0.18 %
Leak Check			
Vacuum Readings (mm Hg)	Start 99	End 98	Passing Condition

Calico Resources near Vale, Oregon Low Volume Sampler - Performance Audit Data Sheet			
Analyzer: $PM_{2.5}$ Duplicate – BGI PQ200		Serial Number: 1756 (CR-3)	
Auditor: Steve Heck	Location (field or lab): field	Site Operator: Mike Maupin	
Barometric Pressure Sensor Verification			
Date: 10/06/2015		Date standard last verified: 07/16/2015	
Verification Standard: Digital Barometer	Model: BGI Delta Cal	Serial Number: 1448	
Reading (mm Hg)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 10)
Ambient P	675	674.5	0.5
Thermocouple Temperature Sensor Verification			
Date: 10/06/2015		Date standard last verified: 07/16/2015	
Verification Standard: Digital Temperature	Model: BGI Delta Cal	Serial Number: 1448	
Reading (degrees Celsius)	Sampler (a)	Audit Transfer Standard (b)	Difference (a - b) (must be ≤ ± 2°C)
Ambient thermocouple	16.0	15.6	0.4
Filter thermocouple	15.6	16.2	-0.6
Flow Rate Verification			
Date: 10/06/2015		Date standard last verified: 07/16/2015	
Verification Standard: Digital Flowmeter	Model: BGI Delta Cal	Serial Number: 1448	
Reading (liters per minute)	Sampler (a)	Audit Transfer Standard (b)	% Difference (a – b)/b*100 (must be ≤ ± 4%)
Audit standard flow rate check	16.70	16.56	0.85 %
Reading (liters per minute)	Audit Transfer Standard (b)	Design Flow Rate Standard (c)	% Difference (b– c)/c*100 (must be ≤ ± 5%)
Design flow rate check	16.56	16.67	-0.66 %
Leak Check			
Vacuum Readings (mm Hg)	Start 96	End 93	Passing Condition

APPENDIX C: METEOROLOGICAL CALIBRATIONS AND PERFORMANCE AUDITS

BISON
ENGINEERING, INC.

Bison Engineering

Meteorological Parameters Calibration Form

Date: 08/01/2014 Start Time : 1600 MST End Time : 2030 MST
Client: Calico Resources
Site: CR-Met (~22 mi. SSW of Vale, OR)
Performed By: Steve Heck (Startup Calibration)

Temperature

Site Sensor: Climatronics 100093 S/N R14677 (2-meter height)
Climatronics 100093 S/N R14677 (9-meter height)

Reference Std.: Control Company - digital thermometer Model 4000
Serial Number : 91255639
Last certified: 03/24/2014

Temperature bath results

Reference Value °F	9m DAS Value °F	9m DAS Diff. °F	2m DAS Value °F	2m DAS Diff. °F	Delta T 9m - 2m DAS Diff. °F
32.12	32.25	0.13	32.25	0.13	0.00
59.90	59.72	-0.18	59.72	-0.18	0.00
101.20	101.54	0.34	101.54	0.34	0.00

Wind Direction

Site Sensor: Climatronics 102083S, S/N R15649
Sensor Height: 10 meters
Design Crossarm Orientation: 90 / 270 deg. true north

Crossarm orientation (GPS sighting): 90.0 / 270.0
GPS coordinates of wind vane:
Lat 43 deg 39.982 min N, Long 117 deg 24.430 min W
GPS coordinates of sighting point:
Lat 43 deg 39.982 min N, Long 117 deg 24.382 min W
Sensor reading aligned with crossarm: 89.0

Linearity Fixture: Climatronics 101966, SN 70

Threshold Torque: 0.05 oz.-in.
(Waters Model 366-1 torque watch)

Linearity Check from DAS

Setpoint	Clockwise	Counter-CW	Diff CW	Diff CCW
0	1.6	1.3	1.6	1.3
30	31.5	31.0	1.5	1.0
60	61.1	60.9	1.1	0.9
90	91.1	90.9	1.1	0.9
120	120.8	120.6	0.8	0.6
150	150.9	150.7	0.9	0.7
180	180.5	180.4	0.5	0.4
210	210.7	210.4	0.7	0.4
240	240.8	240.6	0.8	0.6
270	270.7	270.5	0.7	0.5
300	300.3	300.2	0.3	0.2
330	330.5	330.4	0.5	0.4
		Max Diff	**1.6**	**1.3**

Wind Speed

Site Sensor: Climatronics 102083S, S/N R15649
Sensor Height: 10 meters
Reference Std: R.M. Young Model 18801 Motor, S/N CA10546

Synchronous motor checks

Known Value RPM	Known Value mph	DAS Value mph	DAS Diff. mph
0	0.00	0.00	0.00
300	14.69	14.69	0.00
600	29.08	29.07	-0.01

Known WS (mph) = (RPM/20.65) + 0.3

Threshold Torque: <0.003 oz.-in
(Waters Model 366-3 torque watch)

Relative Humidity

Site Sensor: Met One 083E-0-35, S/N R15253
Sensor Height: 2 meters
Reference Std: Assmann Psychrometer, thermometer calibrations checked June 2014

Ref Dry-Bulb:	32.6	deg C	BP = 28.46 in. Hg
Ref Wet-Bulb	16.6	deg C	
Ref RH:	19.5	%RH	
Station RH:	21.3	%RH	
Diff:	1.8	%RH	

Barometric Pressure

Site Sensor: Climatronics 102683, S/N R12874
Sensor Height: ~1.5 meters
Reference Std: BGI Delta Cal, S/N 1488.
Certified by BGI, Inc. on 06/04/2014

Ref Value:	896.2	mb
Station Value:	897.3	mb
Diff:	1.1	mb

Solar Radiation

Site Sensor: Li Cor LI-200, S/N PY85412 (Certified by LiCor on 07/23/2013)
Sensor Height: 3 meters
Reference Std: Eppley Pyranometer, SN 16166F3 (certified by Eppley August 2013)

Reference Value:	119 w/m^2	66 w/m^2
Station Value:	137 w/m^2	80 w/m^2
Diff.:	15.1 %	21.2 %

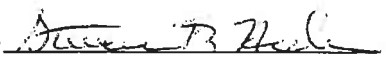
Note: Differences appear large due to very low solar radiation at time of checks
Checks were repeated on 08/19/2014 during higher radiation, with good results

Precipitation

Site Sensor: Rain Gauge = Met One Model 375, S/N R12754
Sensor Height: ~0.7 meters

Level checked OK, wind screen in place
250 ml water added to 8-inch opening, 0.01 inches of precipitation per tip
Calibration is 8.24 ml per tip
Known value is 250 / 8.24 = 30.3 tips (so 30 full tips expected)

Unit registered 28 tips
% difference from expected = -6.7%

Signature of Calibrator 

BISON
ENGINEERING, INC.

Bison Engineering

Meteorological Parameters Audit Form

Date: 08/19/2014 Start Time : 1230 MST End Time : 1700 MST
Client: Calico Resources
Site: CR-Met (~22 mi. SSW of Vale, OR)
Performed By: Don Mimine Last Calibrated By Steve Heck on 08/01/2014

Temperature

Site Sensor: Climatronics 100093 S/N R14677 (2-meter height)
Climatronics 100093 S/N R14677 (9-meter height)

Reference Std: Control Company - digital thermometer Model 4000
Serial Number : 104251289
Last certified: 04/10/2014

Temperature bath results

Reference Value °F	9m DAS Value °F	9m DAS Diff. °F	2m DAS Value °F	2m DAS Diff. °F	Delta T 9m - 2m DAS Diff. °F
32.38	32.41	0.03	32.42	0.04	-0.01
63.21	63.23	0.02	63.23	0.02	0.00
119.60	119.59	-0.01	119.58	-0.02	0.01

(Temperature audited on 08/01/2014 at time of initial calibration)

Wind Direction

Site Sensor: Climatronics 102083S, S/N R15649
Sensor Height: 10 meters
Design Crossarm Orientation: 90 / 270 deg. true north

Crossarm orientation (sun sighting): 90.9 / 270.9
Coordinates used for solar azimuth tables:
Lat 43 deg 40 min N, Long 117 deg 24 min W
Known sun position at 1304 MST: 185.1 degrees true north
Sensor reading aligned with crossarm: 89.7

Linearity Fixture: Climatronics 101966, SN 72

Threshold Torque: 3.5 g-cm
RM Young torque disk

Linearity Check from DAS

Setpoint	Clockwise	Counter-CW	Diff CW	Diff CCW
0	0.7	0.4	0.7	0.4
30	30.1	30.4	0.1	0.4
60	60.1	60.1	0.1	0.1
90	90.1	89.7	0.1	-0.3
120	119.8	119.6	-0.2	-0.4
150	149.9	149.7	-0.1	-0.3
180	179.4	179.3	-0.6	-0.7
210	209.6	209.4	-0.4	-0.6
240	239.7	239.4	-0.3	-0.6
270	269.4	269.4	-0.6	-0.6
300	299.5	299.3	-0.5	-0.7
330	329.7	329.1	-0.3	-0.9
		Max Diff	**0.7**	**-0.9**

Wind Speed

Site Sensor: Climatronics 102083S, S/N R15649
Sensor Height: 10 meters
Reference Std: R.M. Young Model 18801 Motor, S/N CA02929

Synchronous motor checks

Known Value RPM	Known Value mph	DAS Value mph	DAS Diff. mph
0	0.00	0.00	0.00
300	14.69	14.69	0.00
600	29.08	29.07	-0.01
950	45.86	45.91	0.05

Known WS (mph) = (RPM/20.85) + 0.3

Threshold Torque: <0.003 oz.-in.
(Waters Model 366-3 torque watch)

Relative Humidity

Site Sensor: Met One 083E-0-35, S/N R15253
Sensor Height: 2 meters
Reference Std: Taylor Hygrometer part number 5P-377 (no serial number)

Ref Dry-Bulb:	27.2	deg C	BP = 26.28 in. Hg
Ref Wet-Bulb	15.6	deg C	
Ref RH:	30.5	%RH	
Station RH:	31.8	%RH	
Diff:	1.3	%RH	

Barometric Pressure

Site Sensor: Climatronics 102663, S/N R12874
Sensor Height: ~1.5 meters
Reference Std: BGI Delta Cal, S/N 999.
Certified by BGI, Inc. on 06/04/2014

Reference Value:	26.25	inches Hg
Station Value:	26.28	inches Hg
Diff:	0.03	inches Hg

Solar Radiation

Site Sensor: LI Cor LI-200, S/N PY85412 (Certified by LI Cor on 07/23/2013)
Sensor Height: 3 meters
Reference Std: Eppley Pyranometer, SN 16166F3 (certified by Eppley August 2013)

Reference Value:	621 w/m^2	556 w/m^2
Station Value:	636 w/m^2	561 w/m^2
Diff.:	2.4 %	0.9 %

Precipitation

Site Sensor: Rain Gauge = Met One Model 375, S/N R12754
Sensor Height: ~0.7 meters

Level checked OK, wind screen in place
250 ml water added to 8-inch opening, 0.01 inches of precipitation per tip
Calibration is 8.24 ml per tip
Known value is 250 / 8.24 = 30.3 tips (so 30 full tips expected)

Unit registered 30 tips
% difference from expected = 0.0%

Signature of Auditor : Don V. Milmine

BISON
ENGINEERING, INC.

Bison Engineering

Meteorological Parameters Audit/Calibration Form

Date: 11/19/2014 Start Time : 1045 MST End Time : 1320 MST
Client: Calico Resources
Site: CR-Met (~22 mi. SSW of Vale, OR)
Performed By: Steve Heck

Temperature

Site Sensor: Climatronics 100093 S/N R14677 (2-meter height)
Climatronics 100093 S/N R14677 (9-meter height)

Reference Std.: Control Company - digital thermometer Model 4000
Serial Number : 91255639
Last certified: 03/24/2014

Temperature bath results

Reference Value °F	9m DAS Value °F	9m DAS Diff. °F	2m DAS Value °F	2m DAS Diff. °F	Delta T 9m - 2m DAS Diff. °F
32.06	32.22	0.16	32.19	0.13	0.03
60.53	60.37	-0.16	60.37	-0.16	0.00
99.32	99.15	-0.17	99.18	-0.14	-0.03

Wind Direction

Site Sensor: Climatronics 102083S, S/N R15649
Sensor Height: 10 meters
Design Crossarm Orientation: 90 / 270 deg. true north

Crossarm orientation as-found (sun sighting): 94.1 / 274.1
Coordinates used for solar azimuth tables:
Lat 43 deg 40 min N, Long 117 deg 24 min W
Known sun position at 1035 MST: 149.7 degrees true north
Sensor reading aligned with crossarm: as-found 89.0

Crossarm orientation after adjustment (sun sighting): 91.4 / 271.4
Known sun position at 1207 MST: 172.6 degrees true north
Sensor reading aligned with crossarm as-left 89.1

Linearity Fixture: Climatronics 101966, SN 70

Linearity Check from DAS

Setpoint	Clockwise	Counter-CW	Diff CW	Diff CCW
0	0.7	0.7	0.7	0.7
30	30.5	30.5	0.5	0.5
60	60.2	60.2	0.2	0.2
90	90.1	90.1	0.1	0.1
120	119.9	119.8	-0.1	-0.2
150	149.9	149.8	-0.1	-0.2
180	179.4	179.3	-0.6	-0.7
210	209.6	209.6	-0.4	-0.4
240	239.9	239.6	-0.1	-0.4
270	269.9	269.7	-0.1	-0.3
300	299.6	299.5	-0.4	-0.5
330	329.8	329.7	-0.2	-0.3
		Max Diff	**0.7**	**0.7**

Threshold Torque: 0.05 oz.-in.
(Waters Model 366-1 torque watch)

Wind Speed

Site Sensor: Climatronics 102083S, S/N R15649
Sensor Height: 10 meters
Reference Std: R.M. Young Model 18801 Motor, S/N CA10546

Synchronous motor checks

Known Value RPM	Known Value mph	DAS Value mph	DAS Diff. mph
0	0.00	0.00	0.00
300	14.69	14.68	-0.01
600	29.08	29.27	0.19

Known WS (mph) = (RPM/20.85) + 0.3

Threshold Torque: <0.003 oz.-in.
(Waters Model 366-3 torque watch)

Relative Humidity

Site Sensor: Met One 083E-0-35, S/N R15253
Sensor Height: 2 meters
Reference Std: Assmann Psychrometer, thermometer calibrations checked November 2014

Ref Dry-Bulb:	-5.5	deg C	BP = 26.69 in. Hg
Ref Wet-Bulb	-6.3	deg C	
Ref RH:	82.5	%RH	
Station RH:	74.1	%RH	
Diff:	-8.4	%RH	

Barometric Pressure

Site Sensor: Climatronics 102663, S/N R12874
Sensor Height: ~1.5 meters
Reference Std: Wallace & Tiernan FA185269, SN LL03297
Checked against mercury wall barometer November 2014

Ref Value:	26.69	inches Hg
Station Value:	26.66	inches Hg
Diff:	-0.03	inches Hg

Solar Radiation

Site Sensor: LI Cor LI-200, S/N PY85412 (Certified by LICor on 07/23/2013)
Sensor Height: 3 meters
Reference Std: Eppley Pyranometer, SN 16166F3 (certified by Eppley September 2014)

Time (MST)	CTS Value (W/m^2)	Site Value (W/m^2)	Diff. (%)	Diff. (% FS)
1234	366	366	0.0	0.0
1312	266	274	3.0	0.6

Precipitation

Site Sensor: Rain Gauge = Met One Model 375, S/N R12754
Sensor Height: ~0.7 meters

Level checked OK, wind screen in place
559 ml water added to 8-inch opening. 0.01 inches of precipitation per tip
Calibration is 8.24 ml per tip
Known value is 559 / 8.24 = 67.8 tips (so 67 full tips expected)

Unit registered 69 tips
% difference from expected = +3.0%

Signature of Calibrator 

Figure 3.6-1
Wind Speed Performance Audit Form

WIND SPEED PERFORMANCE AUDIT

Location HDR/Calico Date February 24, 2015

Performed By Don Milmine System Down Time: Off 951 On 1510

A. Site Sensor Information		
Manufacturer Climatronics	Model 102083B	Serial No. R15649

B. Indicated Wind Speed Prior to Lowering Tower	
Estimated (m/s)	DAS Reading (m/s)

C. Synchronous Motor Tests				
Motor RPM	Known Wind Speed m/s		Indicated Wind Speed mph	Error
0	0.22	0.00 mph	0.000	+0.00
300	6.66	14.89 mph	14.69	-0.02
600	13.09	29.27 mph	29.06	-0.21
950		46.42 mph	45.91	-0.51

D. Torque Check				
Type (circle)	(Disk)	Watch	Measured 0.39 cm	< 0.35 g-cm OR 0.005 oz.-in?

E. Audit Equipment Description	
300 RPM Motor	Torque Disk RM Young Model 18310
600 RPM Motor	Torque Watch
Other RM Young Model 18811 anemometer drive	

F. Signature
Site Operator :
Auditor : Don Milmine

Figure 2.6-1
Wind Direction Performance Audit Form

WIND DIRECTION PERFORMANCE AUDIT

Location HDR/Calico Date February 24, 2015

Performed By Don Milmine System Down Time: Off 951 On 1310

A. Site Sensor Information		
Manufacturer Climatronics	Model 102838	Serial No. R15649

B. Indicated Wind Direction Prior to Lowering Tower			
Estimated (deg.) 170		DAS Reading (deg.) 166.9	
C. Orientation of Sensor Crossarm (In Raised Position on Tower) (+/- 2 deg.)			
Orientation Method (circle) Transit-Sunshot		Transit-Magnetic (GPS)	Nextar X3-T
Target (circle) (90/270) 0/180	As-Found 88.9		Error (deg.)
D. Indicated Wind Direction Aligned With Crossarm (Prior to Linearity Checks) (+/- 2 deg.)			
Target 90	DAS As-Found 88.9		Error (deg.) 1.1

E. Linearity Checks (+/- 3 deg.)					
Clockwise			Counterclockwise		
Direction	DAS	Error	Direction	DAS	Error
0/360	0.80		0/360	0.81	
30	29.77		30	30.37	
60	60.07		60	60.02	
90	90.00		90	89.91	
120	119.27		120	119.56	
150	149.45		150	149.64	
180	178.96		180	179.17	
210	209.32		210	209.32	
240	239.26		240	239.49	
270	269.20		270	269.56	
300	298.95		300	299.33	
330	329.07		330	329.60	
0/360	0.81		0/360	0.76	

F. Torque Check			
Type (circle) (Disk) Watch	Measured 3.0 [illegible] gcm	<7.45 g-cm OR 0.10 oz.-in?	

G. Indicated Wind Direction Aligned With Crossarm (After Re-installation) (+/- 2 deg.)		
Target (circle)	DAS As-Left 91.0	Error (deg.)

H. Audit Equipment Description	
Transit	Torque Disk / Watch
GPS Unit Nextar X3-T S/N ML070602/483	Linearity Wheel
Site Lat. / Long.	Current Mag. Declination

I. Signature	
Site Operator:	Auditor: Don M. Milmine

43° 39.97992'
117° 24.40338'

43° 39.98202'
117° 24.53761'

271.24°

Figure 1.6-1
Temperature/Delta Temperature Performance Audit Form

TEMPERATURE / DELTA TEMPERATURE PERFORMANCE AUDIT

Location HDR/Calico Date February 24, 2015

Performed By Don Milmine System Down Time: Off 951 On 1510

A. Site Sensor Information	
Manufacturer Climatronics	Model 100093
Serial No. (Upper) R 14676	Serial No. (Lower) R 14677

B. Indicated Temperatures Prior to Removing Sensors for Tests	
Upper (deg. C) 5.1	Lower (deg. C) 5.0

C. Tests (read responses to 0.01 deg. C)					
Known (deg. C)	Upper (DAS)	Lower (DAS)	Error Upper - Known	Error Lower - Known	Delta T (Upper – Lower)
72.6	72.59	72.59	0.01	0.01	0.00
32.0	32.14	32.14	0.14	0.14	0.01
88.07	88.12	88.12	0.05	0.05	0.00
Limits: +/- 0.5 deg. C for individual temperatures, 0.10 deg. C for Delta T					

D. Audit Temperature Standard Description	
Manufacturer Control Company	Model 4000
Serial No. 130236679	Certification Date 4/23/14
Other	

E. Signature
Site Operator :
Auditor : Don V. Milmine

Figure 4.6-1
Relative Humidity Performance Audit Form

RELATIVE HUMIDITY PERFORMANCE AUDIT

Location HDR/Calico Date February 24, 2015

Performed By Don Milmine System Down Time: Off _____ On _____ N/A X

A. Site Sensor Information		
Manufacturer Climatronics	Model 836-0-35	Serial No. R205288

B. Collocated Tests							
Time (MST)	Audit Sensor				Site Sensor RH	Error %RH	
	Dry Bub Temperature	Wet Bulb Temperature	Barometric Pressure	Calculated RH			
0942	44	35	680mm	40.3	31.2	-9.1	old sensor
1036	48	37		34.0	30.7	-3.3	
1147	50	38		31.1	29.9	-1.2	
1330	52	39		28.9	29.1	0.2	New Sensor
1355	53	40		29.8	25.2	-4.6	
1440	54	41		31.5	26.3	-5.2	
Error Limit: +/- 7% RH							

C. Audit Sensor Description		
Manufacturer Fisher Scientific	Model Taylor Model 5522	
Serial No.	Certification Date Primary Standard Hg thermometers	
Certified Against		

D. Signature
Site Operator : _____
Auditor : Don V. Milmine

Note: sensor was replaced. The first 3 data points are comparisions with the original sensor. The last 3 data point are comparisions with a new sensor.

Figure 5.6-1
Barometric Pressure Performance Audit Form

BAROMETRIC PRESSURE PERFORMANCE AUDIT

Location HDR/Calico Date February 24, 2015

Performed By Don Milsine System Down Time: Off N/A On _____ N/A ✓

A. Site Sensor Information		
Manufacturer Climetronics	Model 102663	Serial No. R12874

B. Collocated Tests

Units (circle one): Millibars (mb) mmHg inches Hg

Time (MST)	Audit Sensor	Site Sensor	Error
1420	675.5	26.672 677.5	2.0 MM

Error Limit: +/- 3 mb OR +/- 2.3 mmHg OR +/- 0.09 inches Hg

C. Audit Sensor Description			
Manufacturer	Vaisala	Model	PTB 330 (50-1100)
Serial No.	D4310002	Certification Date	Mar 8, 2014
Certified Against	Primco Primary Standard Model 453-9N W12537		

D. Signature

Site Operator : _____

Auditor : Don V. Milsine

Figure 7.6-1
Solar Radiation Performance Audit Form

SOLAR RADIATION PERFORMANCE AUDIT

Location HDR/Calico Date February 24, 2015

Performed By Don Wilmine System Down Time: Off N/A On

A. Site Sensor Information		
Manufacturer Met One.	Model 096-1	Serial No.

B. Collocated Tests				
Time (MST)	Audit Sensor (w/m^2)	Site Sensor (w/m^2)	Error (w/m^2)	Error (percent)
1246	564	551	-13	-2.3
1303	564	547	-17	-3.0
1331	429	419	-10	-2.3
1358	395	380	-15	-3.8
1441	538	526	-12	-2.3
1445	536	519	-16	-3.0
Error Limit: +/- 5%				

C. Audit Sensor Description	
Manufacturer Met One	Model 096-1
Serial No. PY 82228	Certification Date 2/16/14
Datalogger (note whether site or external)	Campbel CR-850

D. Signature
Site Operator :
Auditor : Don V. Wilmine

Figure 6.6-1
Precipitation Performance Audit Form

PRECIPITATION PERFORMANCE AUDIT

Location HDR/Calico Date February 24, 2015

Performed By Don Milmine System Down Time: Off N/A On

A. Site Sensor Information		
Manufacturer	**Model**	**Serial No.**
Met One		R 12754
Gauge Diameter (inches)	**Precipitation per Tip** (Circle one below)	
	0.01 inches 0.25 mm Other	

B. Water Volume per Tip		
Precipitation per Tip	**Gauge Diameter (inches)**	
	6	**8**
0.01 inches	4.63 ml/tip	(8.24 ml/tip)
0.25 mm	4.56 ml/tip	8.11 ml/tip

C. Expected Number of Tips for Test Volume		
Cylinder or Buret Volume (ml)	**ml/tip (from Part B)**	**Expected No. of Tips**
250	8.24	30

A. Volumetric Tests				
Time (MST)	**Expected Tips**	**Actual Sensor Tips**	**Error (Tips)**	**Error (percent)**
	30	29	1	
Error Limit: +/- 10%				

B. Audit Cylinder or Buret Description	
Manufacturer Fisher Scientific	Model Graduated Cylinder (PP)
Volume 250 ml	Type

D. Signature
Site Operator :
Auditor : Don W Milmine

BISON
ENGINEERING, INC.

Bison Engineering

Meteorological Parameters Audit/Calibration Form

Date: 05/11/2015 Start Time : 1135 MST End Time : 1340 MST
Client: Calico Resources
Site: CR-Met (~22 mi. SSW of Vale, OR)
Performed By: Steve Heck

Temperature

Site Sensor: Climatronics 100093 S/N R14677 (2-meter height)
Climatronics 100093 S/N R14677 (9-meter height)

Reference Std.: Control Company - digital thermometer Model 4000
Serial Number : 91255639
Last certified: 04/21/2015

Temperature bath results

Reference Value °F	9m DAS Value °F	9m DAS Diff. °F	2m DAS Value °F	2m DAS Diff. °F	Delta T 9m - 2m DAS Diff. °F
32.18	32.27	0.09	32.29	0.11	-0.02
64.33	64.16	-0.17	64.16	-0.17	0.00
101.83	102.16	0.33	102.16	0.33	0.00

Wind Direction

Site Sensor: Climatronics 102083S, S/N R15649
Sensor Height: 10 meters
Design Crossarm Orientation: 90 / 270 deg. true north

Crossarm orientation as-found (GPS sighting): 90.9 / 270.9
GPS coordinates of wind vane:
Lat 43 deg 39.9825 min N, Long 117 deg 24.429 min W
GPS coordinates of sighting point:
Lat 43 deg 39.982 min N, Long 117 deg 24.383 min W
Sensor reading aligned with crossarm: 91.0
Sensor reading aligned with crossarm as-left: 89.8

Linearity Fixture: Climatronics 101966, SN 70

Linearity Check from DAS

Setpoint	Clockwise	Counter-CW	Diff CW	Diff CCW
0	0.9	0.9	0.9	0.9
30	30.9	30.7	0.9	0.7
60	60.7	60.5	0.7	0.5
90	90.5	90.3	0.5	0.3
120	120.1	120.0	0.1	0.0
150	150.3	150.0	0.3	0.0
180	179.8	179.6	-0.2	-0.4
210	210.0	209.8	0.0	-0.2
240	240.2	239.9	0.2	-0.1
270	270.2	270.0	0.2	0.0
300	299.9	299.7	-0.1	-0.3
330	330.0	329.9	0.0	-0.1
		Max Diff	**0.9**	**0.9**

Threshold Torque: 0.05 oz.-in.
(Waters Model 366-1 torque watch)

Wind Speed

Site Sensor: Climatronics 102083S, S/N R15649
Sensor Height: 10 meters
Reference Std: R.M. Young Model 18801 Motor, S/N CA10546

Synchronous motor checks

Known Value RPM	Known Value mph	DAS Value mph	DAS Diff. mph
0	0.00	0.00	0.00
300	14.69	14.68	-0.01
600	29.08	29.07	-0.01

Known WS (mph) = (RPM/20.85) + 0.3

Threshold Torque: 0.004 oz.-in.
(Waters Model 366-3 torque watch)

Relative Humidity

Site Sensor: Met One 083E-0-35, S/N R15253
Sensor Height: 2 meters
Reference Std: Assmann Psychrometer, thermometer calibrations checked April 2015

Ref Dry-Bulb:	14.4	deg C	BP = 26.40 In. Hg
Ref Wet-Bulb	6.2	deg C	
Ref RH:	28.8	%RH	
Station RH:	32.4	%RH	
Diff:	3.6	%RH	

Barometric Pressure

Site Sensor: Climatronics 102663, S/N R12874
Sensor Height: ~1.5 meters
Reference Std: Wallace & Tiernan FA185269, SN LL03297
Checked against mercury wall barometer April 2015

Ref Value:	26.40	Inches Hg
Station Value:	26.37	inches Hg
Diff:	-0.03	inches Hg

Solar Radiation

Site Sensor: Li Cor LI-200, S/N PY85412 (Certified by LiCor on 07/23/2013)
Sensor Height: 3 meters
Reference Std: Eppley Pyranometer, SN 18166F3 (certified by Eppley September 2014)

Time (MST)	CTS Value (W/m^2)	Site Value (W/m^2)	Diff. (%)	Diff. (% FS)
1310	584	578	2.5	1.1
1312	509	527	3.5	1.4

Precipitation

Site Sensor: Rain Gauge = Met One Model 375, S/N R12754
Sensor Height: ~0.7 meters

Level checked OK, wind screen in place
559 ml water added to 8-inch opening, 0.01 inches of precipitation per tip
Calibration is 8.24 ml per tip
Known value is 559 / 8.24 = 67.8 tips (so 67 full tips expected)

Unit registered 68 tips
% difference from expected = +1.5%

Signature of Calibrator Steven R Heck

BISON
ENGINEERING, INC.

PRELIMINARY METEOROLOGICAL AUDIT REPORT

Client : Calico Resources
SITE : CR-Met (22mi.SSW of Vale, OR) DATE : 08/20/15

Audit Start Time : 9:00 MST Audit End Time : 12:00 MST

Temperature

Audit Device : Control Company Digital Thermometer
Model Number : 4000 Serial Number : 140251289
Last certified : 04/10/15
Sensor Make : Climatronics
Model Number : 100093 Serial Number Upper: R14676 Serial Number Lower: R14677

Temperature bath results as is

Audit Value oF	9m DAS Value oF	9m DAS Diff. oF	2m DAS Value oF	2m DAS Diff. oF	9m - 2m DAS Diff. oF
24.70	24.60	-0.10	24.70	0.00	0.10
68.80	68.70	-0.10	68.60	-0.20	-0.10
120.40	120.20	-0.20	120.30	-0.10	0.10

Wind Direction

Alignment Audit Device : Nextar
Model Number : X3-T
Linearity Audit Device : Climatronics
Model Number : 101966 Serial Number : 72
Sensor height : 10 Meter
Sensor Make : Climatronics
Model Number : 102083S Serial Number : R15649

Crossarm Orientation : E-W
Measured Degrees : 90
Sensor response aligned with crossarm (as found) : 89.3
Sensor response aligned with crossarm (as left) : 89.3

Linearity Check from DAS (as found)

Setpoint	Clockwise	Counter-CW	Diff CW	Diff CCW
0	0.8	0.8	0.8	0.8
30	30.3	30.4	0.3	0.4
60	59.8	60.1	-0.2	0.1
90	91.3	89.8	1.3	-0.2
120	119.3	119.1	-0.7	-0.9
150	149.5	148.9	-0.5	-1.1
180	178.3	178.0	-1.7	-2.0
210	209.5	209.5	-0.5	-0.5
240	241.1	239.5	1.1	-0.5
270	270.1	270.0	0.1	0.0
300	299.6	299.6	-0.4	-0.4
330	329.7	329.7	-0.3	-0.3
		Max Diff	1.3	0.8

Torque Audit Device : RM Young Disk
Model Number : 18312 Serial Number : NA

Threshold Torque gm-cm Maximum	Station Value Torque gm-cm	Diff. Torque gm-cm
7.45	4.0	-3.45

Wind Speed

Audit Device :	RMYoung		
Model Number :	18811	Serial Number :	CA02929
Last certified :	NA		
Sensor height :	10 Meter		
Sensor Make :	Climatronics		
Model Number :	102083S	Serial Number :	R15649

Synchronous motor checks

Known Value RPM	Audit Value MPH	DAS Station Value MPH	DAS Diff. MPH
0	0.0	0.0	0.0
300	14.7	14.6	-0.1
600	29.1	29.1	0.0
950	45.9	45.9	0.0

Torque Audit Device :	RM Young Disk		
Model Number :	18312	Serial Number :	NA

Threshold Torque gm-cm Maximum	Station Value Torque gm-cm	Diff. Torque gm-cm
1.0	0.3	-0.7

Relative Humidity

Audit Device :	Taylor Hygometer		
Model Number :	5522	Serial Number :	66978
Last certified :	NA		
Sensor height :	10 Meter		
Sensor Make :	Met One		
Model Number :	083E-0-35	Serial Number :	R15253

Audit Dry-Bulb: oF	Audit Wet-Bulb oF	Audit Audit RH %RH	Audit Station RH %RH	Audit Diff %RH
88.0	60.0	16.0	16.3	0.3

Barometric Pressure

Audit Device :	Delta Cal		
Model Number :	Delta Cal	Serial Number :	999
Last certified :	03/19/15		
Sensor Make :	Climatronics		
Model Number :	102663-G0	Serial Number :	R12874

Audit Value In Hg	Station Value In Hg	Audit Diff. In Hg
26.37	26.41	0.04

Solar Radiation

Audit Device :	Li Cor		
Model Number :	LI-200	Serial Number :	PY82228
Last certified :	05/21/15	uA/m^2 :	98.51
Sensor Make :	Li Cor		
Model Number :	LI-200	Serial Number :	PY85412

Audit Value w/m2	DAS Station Value w/m2	DAS Diff. %
790	789	-0.1

Precipitation

Audit Device :	Fisher Scientific		
Model Number :	S32814A	Serial Number :	250 ml
Last certified :	NA		
Sensor Make :	Met One		
Model Number :	375	Serial Number :	R12754
Opening :	8	Inch	
Bucket Tip :	0.254	MM	
Bucket Tip Volume :	8.24	ML	
Level checked :	OK		
Wind Screen in place :	OK		

Known Value ML	Known Value Bucket Tips	Station Value Bucket Tips	% Diff
250.0	30	28.5	-6.1
250.0	30	28.5	-6.1

Signature Site Operator : _____

Signature Auditor : _____

Note: These preliminary results are subject to appropriate changes following verification of audit equipment,procedures,and calculations.

BISON
ENGINEERING, INC.

Bison Engineering

Meteorological Parameters Audit Form
(Shutdown audit at conclusion of ambient monitoring program)

Date: 10/06/2015 Start Time : 0915 MST End Time : 1210 MST
Client: Calico Resources
Site: CR-Met (~22 mi. SSW of Vale, OR)
Performed By: Steve Heck

Temperature

Site Sensor: Climatronics 100093 S/N R14677 (2-meter height)
Climatronics 100093 S/N R14677 (9-meter height)

Reference Std.: Control Company - digital thermometer Model 4000
Serial Number : 91255639
Last certified: 04/21/2015

Temperature bath results

Reference Value °F	9m DAS Value °F	9m DAS Diff. °F	2m DAS Value °F	2m DAS Diff. °F	Delta T 9m - 2m DAS Diff. °F
32.20	32.31	0.11	32.31	0.11	0.00
66.37	66.16	-0.21	66.16	-0.21	0.00
103.06	103.42	0.36	103.46	0.40	-0.04

Wind Direction

Site Sensor: Climatronics 102083S, S/N R15649
Sensor Height: 10 meters
Design Crossarm Orientation: 90 / 270 deg. true north

Crossarm orientation as-found (solar sighting): 91.8 / 271.8
Time of solar sighting: 0946 MST
Lat 43 deg 40 min N, Long 117 deg 24 min W
Calculated sun position: 130.0 degrees
(Naval observatory tables)

Linearity Check from DAS

Setpoint	Clockwise	Counter-CW	Diff CW	Diff CCW
0	0.2	0.2	0.2	0.2
30	28.9	28.6	-1.1	-1.4
60	58.7	58.2	-1.3	-1.8
90	88.3	88.0	-1.7	-2.0
120	118.1	117.7	-1.9	-2.3
150	148.2	147.8	-1.8	-2.2
180	177.8	177.4	-2.2	-2.6
210	208.0	207.6	-2.0	-2.4
240	238.2	237.8	-1.8	-2.2
270	268.3	267.9	-1.7	-2.1
300	298.1	297.7	-1.9	-2.3
330	328.2	327.8	-1.8	-2.2
		Max Diff	**-2.2**	**-2.6**

Linearity Fixture: Climatronics 101966, SN 70

Threshold Torque: 0.05 oz.-in.
(Waters Model 366-1 torque watch)

Wind Speed

Site Sensor: Climatronics 102083S, S/N R15649
Sensor Height: 10 meters
Reference Std: Weathertronics 300 rpm & 600 rpm synchronous motors

Synchronous motor checks

Known Value RPM	Known Value mph	DAS Value mph	DAS Diff. mph
0	0.00	0.00	0.00
300	14.69	14.68	-0.01
600	29.08	29.07	-0.01

Known WS (mph) = (RPM/20.85) + 0.3

Threshold Torque: 0.004 oz.-in.
(Waters Model 366-3 torque watch)

Relative Humidity

Site Sensor: Met One 083E-0-35, S/N R15253
Sensor Height: 2 meters
Reference Std: Assmann Psychrometer, thermometer calibrations checked April 2015

Ref Dry-Bulb:	16.0	deg C	BP = 26.61 in. Hg
Ref Wet-Bulb	9.7	deg C	
Ref RH:	45.9	%RH	
Station RH:	44.4	%RH	
Diff:	-1.5	%RH	

Barometric Pressure

Site Sensor: Climatronics 102663, S/N R12874
Sensor Height: ~1.5 meters
Reference Std: Wallace & Tiernan FA185269, SN LL03297 (Aneroid Barometer)
Checked against mercury wall barometer October 1, 2015

Ref Value:	26.61	inches Hg
Station Value:	26.60	inches Hg
Diff:	-0.01	inches Hg

Solar Radiation

Site Sensor: Li Cor LI-200, S/N PY85412 (Certified by LiCor on 07/23/2013)
Sensor Height: 3 meters
Reference Std: Eppley Pyranometer, SN 16166F3 (certified by Eppley August 19, 2015)

Time (MST)	CTS Value (W/m^2)	Site Value (W/m^2)	Diff. (%)	Diff. (% FS)
0930	414	403	-2.7	-0.8
0957	468	471	0.6	0.2

Precipitation

Site Sensor: Rain Gauge = Met One Model 375, S/N R12754
Sensor Height: ~0.7 meters

Level checked OK, wind screen in place
559 ml water added to 8-inch opening, 0.01 inches of precipitation per tip
Calibration is 8.24 ml per tip
Known value is 559 / 8.24 = 67.8 tips (so 67 full tips expected)

Unit registered 71 tips
% difference from expected = +6.0%

Signature of Auditor 

ATTACHMENT 1: HOURLY METEOROLOGICAL DATA

PART A: HOURLY METEOROLOGICAL DATA, THIRD QUARTER 2014

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Speed (miles per hour)
August 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1																		Ca	Ca	Ca	Ca	8.7	13.3	5.3	9.1	13.3	5.3
2	3.4	4.8	6.7	8.9	7.9	2.9	2.2	1.6	3.6	3.5	3.4	4.6	7.9	7.3	7.8	9.3	9.9	9.2	6.5	5.0	5.1	3.0	8.5	5.2	5.8	9.9	1.6
3	5.4	3.8	4.0	4.3	3.2	4.1	4.6	5.3	11.5	13.7	9.9	10.1	9.8	9.1	8.1	8.4	8.1	7.2	6.7	6.2	5.8	5.2	3.4	3.8	6.7	13.7	3.2
4	3.7	3.2	5.6	3.8	2.7	2.6	3.2	5.1	7.0	10.0	7.3	8.9	9.0	9.2	8.0	10.5	11.8	11.0	9.5	15.3	4.1	7.4	3.8	3.2	6.9	15.3	2.6
5	2.7	2.1	1.8	1.7	2.7	3.3	2.6	2.1	5.4	6.8	9.2	9.0	7.7	11.0	11.6	10.8	9.4	8.0	5.5	2.4	2.1	6.9	15.8	13.1	6.4	15.8	1.7
6	11.3	10.9	11.1	7.4	3.1	2.1	1.8	1.8	3.9	7.3	5.9	3.2	2.7	2.8	4.7	6.3	11.3	17.5	14.9	8.8	12.9	10.3	7.5	5.8	7.3	17.5	1.8
7	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
8	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
9	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
10	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
11	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
12	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
13	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
14	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
15	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
16	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
17	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
18	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
19	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Au	Au	Au	Au	Au	11.9	9.4	5.5	5.4	17.7	8.5	5.9	9.2	17.7	5.4
20	3.1	1.9	2.6	7.2	5.6	2.9	3.3	2.0	7.8	8.7	6.4	5.6	7.2	11.6	12.6	12.6	8.4	9.0	10.9	11.4	7.5	11.8	10.3	4.3	7.3	12.6	1.9
21	5.1	5.6	9.3	7.2	2.7	2.5	2.6	3.5	4.5	6.4	5.5	8.5	10.0	8.1	8.6	7.7	8.1	8.6	6.8	6.0	3.9	3.3	4.7	2.4	5.9	10.0	2.4
22	4.8	3.6	2.5	3.2	3.7	2.8	2.5	3.3	5.6	7.0	7.7	8.3	8.4	6.7	7.0	8.4	14.4	20.2	15.4	14.5	21.2	17.6	9.8	9.4	8.7	21.2	2.5
23	10.9	9.4	9.7	10.6	9.5	5.0	9.8	12.1	10.2	8.6	7.4	10.0	12.7	13.6	14.3	14.0	14.0	13.2	13.3	13.8	13.5	13.3	9.6	9.3	11.2	14.3	5.0
24	4.5	1.8	2.1	2.0	1.5	2.4	3.4	4.1	4.7	4.1	4.6	6.9	5.1	5.9	6.9	7.3	7.2	9.3	9.4	16.4	16.1	8.5	10.2	6.9	6.3	16.4	1.5
25	6.5	8.3	4.2	3.6	6.6	4.0	3.6	3.9	10.0	9.4	8.6	9.9	7.1	8.6	8.2	10.0	10.7	9.5	7.3	3.9	1.8	1.9	1.4	2.5	6.3	10.7	1.4
26	1.4	1.4	1.7	1.8	1.4	2.7	7.7	8.4	8.3	4.3	4.2	4.2	5.3	6.7	7.2	5.9	7.2	6.4	5.2	4.3	3.3	2.6	4.9	5.7	4.7	8.4	1.4
27	8.2	8.6	7.5	9.3	7.9	6.3	7.4	8.6	10.9	9.7	10.8	10.5	8.9	8.4	6.7	12.0	11.4	10.9	12.4	7.0	3.4	2.1	1.7	1.8	8.0	12.4	1.7
28	2.5	1.8	2.0	1.9	3.5	2.4	4.2	6.2	6.6	4.7	3.7	4.1	8.6	9.3	7.7	9.6	8.1	9.5	8.6	7.3	9.2	5.9	7.8	3.3	5.8	9.6	1.8
29	3.4	3.0	2.1	2.4	1.4	1.2	1.2	1.8	8.0	8.5	6.6	6.9	8.6	8.0	11.8	11.1	9.2	5.1	4.5	2.1	3.6	5.9	9.9	12.8	5.8	12.8	1.2
30	13.1	10.5	11.0	10.2	4.2	3.7	1.9	3.0	4.5	5.6	6.7	6.5	9.6	10.9	9.9	7.0	8.3	12.4	21.1	20.4	15.5	9.5	6.0	5.6	9.0	21.1	1.9
31	4.5	6.7	5.9	3.1	2.0	4.0	4.7	3.2	4.5	4.6	5.1	5.3	5.9	5.9	6.3	5.9	6.2	9.8	8.2	8.6	6.2	6.0	3.4	2.8	5.4	9.8	2.0
Avg	5.6	5.1	5.3	5.2	4.1	3.2	3.9	4.5	6.9	7.2	6.6	7.2	7.9	8.4	8.7	9.2	9.6	10.5	9.8	8.8	7.8	7.8	7.4	5.7	7.0	13.8	2.4
Max	13.1	10.9	11.1	10.6	9.5	6.3	9.8	12.1	11.5	13.7	10.8	10.5	12.7	13.6	14.3	14.0	14.4	20.2	21.1	20.4	21.2	17.7	15.8	13.1	11.2	21.2	5.4
Min	1.4	1.4	1.7	1.7	1.4	1.2	1.2	1.6	3.6	3.5	3.4	3.2	2.7	2.8	4.7	5.9	6.2	5.1	4.5	2.1	1.8	1.9	1.4	1.8	4.7	8.4	1.2

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Speed (miles per hour)
September 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	3.8	3.2	4.2	3.8	2.2	1.9	2.4	2.8	7.0	4.2	3.5	4.5	5.5	6.5	5.9	6.8	6.8	8.6	8.8	5.5	4.1	2.7	2.1	1.3	4.5	8.8	1.3
2	2.3	2.0	1.8	4.4	3.4	4.9	6.1	7.8	6.7	8.1	6.9	6.1	8.3	9.3	13.6	13.1	10.2	7.6	7.9	4.4	11.2	16.2	15.5	10.1	7.8	16.2	1.8
3	12.2	13.5	11.0	10.0	14.5	14.6	14.5	18.9	18.5	12.6	8.9	10.6	7.1	7.6	6.8	8.0	9.4	9.2	10.4	7.6	7.0	2.7	3.1	4.0	10.1	18.9	2.7
4	6.2	4.5	5.5	3.7	2.9	1.9	1.2	2.1	7.9	9.4	6.2	6.1	6.1	7.5	6.9	8.0	8.9	9.6	7.6	4.2	3.0	2.4	1.7	1.7	5.2	9.6	1.2
5	2.4	2.8	2.4	2.8	1.1	1.5	2.1	1.4	4.7	7.0	7.9	8.3	8.0	8.0	8.3	7.7	7.5	8.3	7.7	3.7	2.4	3.2	2.4	2.6	4.8	8.3	1.1
6	3.1	3.1	1.4	1.8	2.2	2.8	1.3	1.3	4.8	6.0	5.8	7.8	7.6	7.2	7.4	8.2	7.7	6.5	6.8	6.1	4.0	2.4	1.9	2.0	4.5	8.2	1.3
7	2.3	2.6	2.6	3.0	2.5	2.8	8.2	6.6	11.1	10.1	8.1	8.9	4.7	11.4	11.2	9.6	9.9	8.2	5.7	3.8	5.1	9.3	9.6	4.8	6.8	11.4	2.3
8	2.1	2.7	2.0	1.6	3.7	2.0	9.0	7.2	11.2	7.6	7.7	7.6	4.5	4.9	6.9	10.8	8.8	7.7	7.1	5.2	3.6	6.1	3.8	3.6	5.7	11.2	1.6
9	2.9	3.4	7.3	4.6	2.5	3.1	4.5	2.8	6.6	7.8	10.3	10.1	7.1	7.7	8.4	9.8	11.7	14.1	13.7	10.8	10.1	11.4	9.0	6.0	7.7	14.1	2.5
10	15.4	13.8	11.7	10.5	10.6	8.6	8.0	7.4	8.2	5.8	6.7	6.3	7.3	5.9	7.6	7.1	6.5	9.1	14.7	11.6	9.6	12.4	13.5	11.1	9.6	15.4	5.8
11	12.5	10.4	8.0	8.5	7.7	4.4	3.8	8.6	13.9	15.1	13.5	13.8	13.3	13.2	10.9	10.7	8.8	6.6	6.1	4.7	2.2	2.2	4.1	2.9	8.6	15.1	2.2
12	2.9	4.5	4.4	2.3	1.9	2.3	2.3	3.9	7.0	6.2	9.3	10.2	9.9	11.4	9.6	7.8	8.6	9.2	7.2	5.0	3.9	2.0	1.6	2.4	5.7	11.4	1.6
13	2.6	3.5	2.6	2.6	3.2	1.1	1.9	2.1	1.8	5.4	5.3	5.0	5.7	5.6	6.3	6.5	6.9	7.4	7.0	6.0	2.1	4.2	3.1	1.7	4.2	7.4	1.1
14	2.2	1.8	2.2	2.1	4.2	5.2	3.9	1.3	3.7	4.7	5.1	6.3	6.8	6.2	6.3	5.7	6.0	5.0	3.5	3.5	2.7	2.9	1.2	2.4	4.0	6.8	1.2
15	2.3	3.5	2.0	2.1	1.3	2.5	2.1	1.2	1.4	2.8	2.5	3.3	5.5	4.2	7.7	11.4	10.9	10.9	5.9	5.1	6.2	4.3	10.0	11.2	5.0	11.4	1.2
16	9.3	5.9	6.8	11.6	12.9	7.9	6.7	5.5	8.5	9.6	7.9	5.7	6.0	9.7	10.1	13.3	12.1	7.7	5.3	4.3	3.2	2.2	1.6	3.1	7.4	13.3	1.6
17	10.7	11.3	10.9	4.5	7.7	9.8	12.4	11.0	12.0	10.0	8.9	6.2	5.0	8.7	11.3	13.2	11.5	8.8	5.8	3.6	3.2	1.2	3.6	9.5	8.4	13.2	1.2
18	11.2	10.6	13.9	14.2	17.5	8.1	9.4	6.6	4.0	7.6	9.7	9.6	9.2	11.9	9.9	6.3	8.8	7.6	8.9	11.7	11.7	9.3	11.8	9.9	10.0	17.5	4.0
19	9.1	4.1	2.5	4.3	3.1	1.7	2.9	2.3	5.6	7.8	7.1	5.9	8.6	8.4	8.3	8.2	10.1	8.5	7.8	3.7	3.0	2.4	3.4	3.7	5.5	10.1	1.7
20	1.8	2.3	2.4	3.1	1.9	1.8	2.6	5.9	6.5	3.7	4.0	5.5	7.9	9.0	9.9	8.9	7.8	7.0	4.7	2.6	2.7	1.6	2.5	1.3	4.5	9.9	1.3
21	2.0	1.9	1.9	1.2	2.6	1.7	1.9	4.8	3.9	4.0	4.3	5.2	8.7	8.9	10.9	10.1	14.1	13.5	11.3	10.4	6.2	4.7	6.1	3.6	6.0	14.1	1.2
22	3.8	6.7	5.9	2.7	2.3	5.8	3.5	3.0	3.3	4.9	3.6	4.1	7.1	9.0	7.9	7.8	8.3	8.5	7.0	2.9	3.1	10.0	7.5	9.3	5.8	10.0	2.3
23	5.1	3.6	2.5	1.5	1.7	1.6	1.6	1.9	3.2	6.5	10.4	9.5	6.8	3.9	10.6	12.8	9.6	6.5	7.3	7.1	4.3	1.5	3.6	8.4	5.5	12.8	1.5
24	11.1	8.4	6.2	7.0	9.7	11.2	12.8	11.6	9.6	10.2	7.8	8.2	10.6	14.9	17.2	13.5	12.7	16.7	7.7	3.6	2.4	5.2	3.7	10.9	9.7	17.2	2.4
25	2.8	3.4	2.6	3.1	3.8	2.8	3.4	2.2	5.5	9.8	13.9	11.7	7.6	7.8	12.5	16.1	26.7	28.4	27.1	25.6	21.5	16.6	20.3	12.9	12.0	28.4	2.2
26	7.5	15.9	5.4	3.7	5.7	4.9	6.5	7.3	6.2	6.6	4.0	4.7	6.2	5.1	5.7	6.6	8.7	8.5	7.6	6.3	10.2	10.2	10.3	8.6	7.2	15.9	3.7
27	6.6	9.0	6.8	7.2	7.1	9.3	8.8	12.6	12.5	12.6	17.1	18.6	17.3	18.6	18.0	17.9	17.5	15.4	15.7	16.5	9.9	11.9	12.5	12.9	13.0	18.6	6.6
28	10.0	6.0	3.6	3.5	3.8	5.4	5.2	2.3	1.8	2.0	3.8	4.3	4.4	3.7	2.7	3.7	6.3	3.5	6.1	5.8	4.1	2.9	3.2	8.0	4.4	10.0	1.8
29	6.5	5.3	4.0	4.9	6.8	8.2	8.4	11.2	12.5	9.3	7.0	6.7	4.7	2.4	1.6	4.2	8.9	9.5	8.9	9.8	10.7	10.4	5.8	3.2	7.1	12.5	1.6
30	5.1	2.7	2.8	1.7	2.0	10.7	7.3	6.9	10.6	11.2	10.0	10.5	7.6	6.9	9.3	11.5	10.8	13.1	7.5	7.2	8.4	7.5	7.4	13.2	8.0	13.2	1.7
Avg	5.9	5.7	4.9	4.6	5.1	5.0	5.5	5.7	7.3	7.6	7.6	7.7	7.5	8.2	9.0	9.5	10.1	9.7	8.6	6.9	6.1	6.1	6.2	6.2	6.9	13.0	2.1
Max	15.4	15.9	13.9	14.2	17.5	14.6	14.5	18.9	18.5	15.1	17.1	18.6	17.3	18.6	18.0	17.9	26.7	28.4	27.1	25.6	21.5	16.6	20.3	13.2	13.0	28.4	6.6
Min	1.8	1.8	1.4	1.2	1.1	1.1	1.2	1.2	1.4	2.0	2.5	3.3	4.4	2.4	1.6	3.7	6.0	3.5	3.5	2.6	2.1	1.2	1.2	1.3	4.0	6.8	1.1

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Direction (degrees)
August 2014

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1																		Ca	Ca	Ca	Ca	227	326	15	317
2	289	212	207	212	213	245	210	3	19	326	40	78	148	155	106	75	55	43	91	212	350	2	360	26	49
3	21	26	15	22	9	21	25	30	2	1	27	35	43	37	42	27	25	37	52	146	208	325	206	305	23
4	15	273	360	17	255	307	11	26	27	29	72	109	68	63	39	55	64	56	80	115	105	211	188	360	44
5	7	33	352	324	343	346	347	24	28	17	1	14	26	16	21	36	42	46	53	291	225	212	194	193	8
6	208	214	209	234	268	289	291	203	182	193	183	76	127	193	49	86	84	109	122	153	194	197	200	285	186
7	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
8	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
9	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
10	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
11	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
12	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
13	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
14	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
15	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
16	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
17	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
18	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	
19	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Au	Au	Au	Au	Au	291	233	237	246	290	245	254	256
20	249	215	80	297	342	348	219	199	209	214	188	54	247	233	242	245	274	281	300	348	329	338	346	7	276
21	13	340	304	355	16	24	274	191	182	181	163	230	225	231	223	246	336	62	79	109	188	204	201	271	235
22	23	23	3	25	18	17	28	185	264	8	37	354	305	292	257	292	328	335	330	332	357	355	360	324	345
23	306	308	309	302	305	312	303	322	340	358	357	4	2	3	2	7	360	358	10	12	4	358	344	339	342
24	24	18	261	224	227	207	205	194	192	63	25	44	58	99	137	118	114	85	75	11	350	15	344	279	67
25	257	286	23	16	9	3	25	18	3	10	16	31	30	51	48	41	53	65	68	49	237	216	251	360	18
26	301	228	211	231	265	13	214	206	210	191	68	71	37	64	36	71	11	344	326	320	294	220	210	197	271
27	209	214	212	215	209	216	219	213	196	193	190	169	160	165	163	43	51	96	111	145	182	208	223	275	188
28	269	215	262	214	248	209	221	201	201	188	173	169	248	265	264	291	270	272	259	271	335	356	360	335	250
29	4	353	341	352	193	190	299	179	209	198	183	162	175	172	133	49	63	66	359	306	214	247	341	343	235
30	346	348	350	354	24	359	339	39	54	334	334	25	290	282	264	286	258	255	299	319	346	350	348	317	332
31	342	305	267	360	197	218	198	192	191	108	125	166	165	355	24	57	50	50	72	103	353	338	3	16	48
Prev	326	298	308	314	289	313	280	198	217	14	73	69	81	43	46	33	27	31	41	346	285	284	292	320	335

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Direction (degrees)
September 2014

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	334	357	347	354	12	357	236	61	11	85	156	80	13	19	86	355	38	77	84	53	308	259	231	329	18
2	240	222	214	199	202	211	206	213	218	199	193	196	169	158	27	48	71	39	53	292	264	320	306	330	221
3	336	314	307	290	280	266	267	278	283	275	294	352	348	21	14	341	357	27	30	38	354	17	5	6	333
4	359	7	19	16	359	10	156	31	19	4	21	33	28	352	51	31	23	43	32	7	330	211	226	18	17
5	10	10	9	359	35	29	206	193	42	14	34	35	26	44	38	49	59	54	21	356	331	247	207	336	20
6	9	345	131	8	317	200	191	16	28	359	356	19	45	43	22	27	42	53	36	348	328	259	205	212	11
7	304	352	9	10	335	222	216	203	214	210	207	202	178	26	34	49	48	72	33	269	206	234	300	356	294
8	354	16	38	173	206	276	219	210	218	211	186	201	194	108	14	23	75	90	121	330	314	11	14	3	17
9	18	1	332	309	360	39	329	232	342	263	332	331	335	17	5	14	14	10	6	2	360	345	348	351	349
10	317	309	304	300	292	305	307	304	311	350	343	335	304	158	275	355	348	18	17	12	11	3	356	344	331
11	334	322	360	342	331	360	16	344	351	1	1	359	352	2	357	18	360	28	351	347	285	211	211	217	346
12	304	326	342	301	232	323	335	32	25	2	27	36	62	54	46	28	44	39	23	349	2	27	29	19	11
13	32	23	10	351	347	203	211	288	17	40	23	7	7	9	4	357	10	35	360	328	211	11	358	278	358
14	325	230	348	300	207	207	208	225	183	42	17	13	33	58	57	33	55	45	17	280	266	307	247	4	339
15	253	314	299	356	225	335	225	187	175	42	34	108	199	80	75	51	68	59	20	253	356	218	208	209	333
16	207	243	204	218	214	212	215	203	218	217	194	180	176	163	159	41	65	79	28	341	243	233	233	236	206
17	218	223	225	212	214	219	219	219	225	223	229	222	178	22	47	52	69	77	353	261	358	189	227	225	221
18	211	224	258	262	239	206	228	243	213	176	170	203	206	238	267	242	189	288	272	310	330	2	348	345	245
19	3	20	164	216	204	165	339	192	246	314	317	135	7	35	26	21	6	26	31	346	287	13	334	345	351
20	46	7	22	12	342	255	204	206	207	190	26	16	52	45	34	54	44	23	18	343	349	345	358	11	14
21	246	284	226	216	349	218	278	206	183	171	29	23	26	58	103	88	110	111	105	135	78	61	271	259	136
22	360	23	352	19	3	14	38	27	37	44	36	40	54	36	24	24	72	77	66	10	131	264	257	39	30
23	5	333	319	133	205	244	237	194	191	202	195	190	211	227	5	42	37	5	354	342	321	202	216	220	247
24	219	217	215	221	230	218	213	217	210	204	201	172	173	165	177	153	130	195	196	190	210	223	201	333	201
25	355	314	327	330	301	302	289	190	207	204	268	274	273	270	276	275	282	269	263	252	248	265	256	246	273
26	219	275	305	209	214	216	224	209	184	198	130	69	67	33	17	359	8	2	348	333	347	341	344	15	324
27	1	17	353	312	2	326	349	342	356	353	5	7	16	358	360	360	4	13	358	351	15	350	341	338	355
28	342	10	29	22	18	11	32	309	180	49	44	49	33	68	83	199	14	313	233	251	339	8	6	338	11
29	3	354	8	3	13	359	26	1	359	9	12	16	46	52	96	183	183	182	201	205	210	214	244	298	1
30	15	31	68	183	257	262	244	278	297	336	305	308	331	9	341	316	326	346	338	307	305	318	320	323	319
Prev	331	332	336	309	291	271	246	241	251	313	359	26	27	42	31	24	39	39	18	327	315	300	287	325	340

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
August 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1																		Ca	Ca	Ca	Ca	48	20	19	29	48	19
2	27	21	9	9	16	82	38	88	23	95	83	98	53	39	46	14	10	18	58	80	47	58	21	23	44	98	9
3	15	18	17	13	34	13	16	11	20	15	24	22	16	19	20	18	23	19	18	64	18	75	50	75	26	75	11
4	55	83	30	48	55	48	65	17	18	21	43	24	47	30	37	20	16	14	17	12	79	12	30	55	37	83	12
5	29	27	45	74	29	15	21	22	22	19	22	25	33	21	25	31	26	17	22	84	62	88	9	9	32	88	9
6	10	9	7	17	34	39	42	38	18	11	19	47	81	77	56	40	21	10	12	19	8	51	14	72	31	81	7
7	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
8	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
9	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
10	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
11	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
12	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
13	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
14	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
15	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
16	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
17	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
18	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
19	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Au	Au	Au	Au	Au	79	25	64	35	40	38	65	49	79	25
20	43	77	89	34	79	42	56	34	11	10	44	91	40	28	19	20	24	16	34	14	6	12	11	20	36	91	6
21	22	45	9	39	60	53	72	13	17	31	44	31	30	35	39	33	71	18	15	29	57	33	81	62	39	81	9
22	35	18	47	27	27	32	76	20	65	33	37	40	47	54	49	37	28	12	8	10	17	14	16	15	32	76	8
23	12	9	9	10	12	19	9	10	17	25	37	26	22	22	19	17	17	17	12	8	11	15	13	4	16	37	4
24	42	59	95	63	87	31	21	19	31	49	48	49	43	88	61	35	30	23	14	21	16	14	13	94	44	95	13
25	32	10	32	19	19	32	13	44	14	17	41	22	43	27	37	26	18	21	13	38	65	73	67	45	32	73	10
26	80	53	44	58	76	60	9	14	10	48	48	58	53	50	55	67	39	35	28	36	48	35	21	9	43	80	9
27	9	11	46	6	9	17	9	7	11	15	13	18	37	30	46	25	16	19	12	42	44	39	33	89	25	89	6
28	76	57	89	52	78	48	30	10	10	31	57	41	29	22	32	30	34	19	13	15	13	31	24	40	37	89	10
29	43	37	81	26	77	33	64	45	8	11	19	25	29	29	79	13	13	41	22	74	33	42	17	13	36	81	8
30	13	15	18	29	50	70	55	36	52	90	33	45	36	17	29	27	26	16	33	9	20	14	24	30	33	90	9
31	26	31	36	70	65	39	41	35	54	53	50	50	53	53	60	35	42	15	19	10	41	13	35	31	40	70	10
Avg	33	34	41	35	47	40	37	27	24	34	39	42	41	38	42	29	27	23	21	35	34	37	28	41	34	79	10
Max	80	83	95	74	87	82	76	88	65	95	83	98	81	88	79	67	71	79	58	84	79	88	81	94	49	98	25
Min	9	9	7	6	9	13	9	7	8	10	13	18	16	17	19	13	10	10	8	8	6	12	9	4	16	37	4

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
September 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	11	36	23	22	30	68	92	57	18	63	81	60	45	46	75	48	32	19	11	70	66	70	44	63	48	92	11
2	55	31	48	10	19	15	10	9	13	12	23	28	32	59	29	18	20	36	33	54	36	6	9	30	26	59	6
3	9	13	9	12	10	7	6	8	8	16	34	28	53	50	64	44	23	25	13	19	14	48	26	27	24	64	6
4	22	20	11	13	23	59	85	73	23	17	46	47	71	46	38	35	34	20	16	17	23	21	25	64	35	85	11
5	38	31	27	16	50	30	34	44	17	25	26	26	30	36	30	37	22	17	13	16	29	55	50	56	31	56	13
6	37	23	86	28	62	30	90	66	16	20	26	26	24	23	26	30	21	17	19	17	27	71	41	36	36	90	16
7	59	30	20	23	44	45	10	11	7	7	12	16	44	17	15	16	16	12	65	72	15	34	10	23	26	72	7
8	71	65	51	80	36	73	35	14	7	12	51	17	56	58	28	39	13	15	27	53	74	31	15	28	40	80	7
9	56	56	17	73	67	47	60	85	37	40	37	41	41	31	46	29	19	15	12	12	12	12	12	23	37	85	12
10	10	9	7	7	6	10	20	39	15	30	30	47	48	46	63	54	50	28	8	8	14	16	14	12	25	63	6
11	8	10	30	19	11	62	52	21	15	14	16	19	21	20	21	24	20	28	22	41	86	35	28	68	29	86	8
12	67	85	65	52	65	60	53	16	15	22	25	20	25	20	18	22	25	12	16	15	28	50	57	24	36	85	12
13	15	16	25	52	23	85	28	90	31	15	30	36	39	35	30	19	25	15	28	32	71	24	29	87	37	90	15
14	76	80	20	52	10	11	12	76	32	15	31	27	31	31	27	30	21	20	49	54	70	96	74	51	42	96	10
15	64	30	95	40	79	42	97	33	78	45	77	76	33	69	39	15	14	11	34	72	72	42	17	11	49	97	11
16	7	61	17	10	5	13	48	61	13	8	17	38	60	24	77	11	15	11	58	27	59	56	73	54	34	77	5
17	5	10	8	68	21	8	6	8	10	14	14	35	52	23	15	12	11	14	55	78	29	78	41	26	27	78	5
18	19	30	11	9	8	13	13	15	62	15	19	47	44	19	30	88	32	29	10	24	21	31	17	14	26	88	8
19	24	70	78	64	69	60	61	42	55	18	37	81	63	28	30	31	17	20	16	23	59	31	16	23	42	81	16
20	58	29	21	18	45	65	35	14	13	88	34	42	23	21	20	18	15	12	10	24	22	52	42	27	31	88	10
21	56	60	57	33	62	84	72	18	20	53	54	50	21	37	16	24	13	11	15	29	58	90	59	73	44	90	11
22	73	25	20	70	43	21	18	14	23	18	48	65	35	15	24	26	20	11	16	45	72	77	87	87	40	87	11
23	51	46	41	81	20	83	63	55	16	14	11	9	16	43	30	15	10	18	12	14	67	68	32	6	34	83	6
24	6	8	10	12	12	7	3	6	8	10	22	21	21	22	15	41	41	12	18	23	22	13	43	18	17	43	3
25	75	45	62	27	19	53	55	73	19	32	11	16	34	33	19	16	9	11	8	10	10	8	9	21	28	75	8
26	41	8	74	53	34	49	52	21	20	19	59	54	52	66	40	30	13	12	15	6	7	9	8	23	32	74	6
27	16	19	27	23	31	10	20	11	12	13	12	12	17	15	15	15	11	9	15	14	17	14	11	8	15	31	8
28	10	31	25	23	28	11	12	80	20	97	21	20	21	46	74	42	36	36	19	43	45	60	68	20	37	97	10
29	11	16	13	12	12	10	8	20	14	11	8	12	12	21	28	43	14	9	12	7	8	5	44	97	19	97	5
30	20	32	23	82	87	12	20	48	17	17	20	23	25	29	20	15	17	24	15	10	10	12	17	7	25	87	7
Avg	36	34	34	36	34	38	39	38	22	26	31	35	36	34	33	30	21	18	22	31	38	41	34	37	32	79	9
Max	76	85	95	82	87	85	97	90	78	97	81	81	71	69	77	88	50	36	65	78	86	96	87	97	49	97	16
Min	5	8	7	7	5	7	3	6	7	7	8	9	12	15	15	11	9	9	8	6	7	5	8	6	15	31	3

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
August 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1																		Ca	Ca	Ca	Ca	80.5	79.4	76.9	78.9	80.5	76.9
2	75.7	73.4	73.6	74.0	72.8	71.1	70.3	71.4	76.2	79.8	82.6	85.5	87.4	89.1	90.6	88.9	88.4	88.1	88.2	86.4	83.6	81.4	80.6	78.5	80.7	90.6	70.3
3	75.8	73.7	72.6	71.2	72.5	71.2	71.9	74.0	80.0	81.4	83.2	85.5	86.6	87.2	88.5	89.7	91.3	91.4	91.0	89.2	85.7	84.3	83.0	82.5	81.8	91.4	71.2
4	79.5	80.9	78.0	76.5	77.3	76.9	75.6	75.9	78.7	80.8	82.3	84.3	85.9	86.7	87.5	87.2	86.8	85.7	84.7	80.0	79.2	78.3	75.4	73.3	80.7	87.5	73.3
5	71.7	69.9	69.5	68.2	67.6	67.1	67.1	69.7	73.6	77.0	79.8	81.5	83.8	86.5	87.9	88.6	88.5	88.6	88.4	87.0	84.0	81.3	77.7	75.3	78.3	88.6	67.1
6	72.7	71.3	70.1	68.9	66.6	64.1	64.4	66.3	69.9	71.2	72.4	75.9	79.0	82.1	84.8	86.6	86.3	82.4	80.8	80.0	78.5	76.5	74.2	70.1	74.8	86.6	64.1
7	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
8	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
9	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
10	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
11	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
12	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
13	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
14	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
15	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
16	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
17	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
18	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
19	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Au	Au	Au	Au	Au	77.2	75.3	75.7	73.5	76.8	74.0	70.6	74.7	77.2	70.6
20	68.9	66.7	67.3	67.8	66.3	64.0	62.8	64.7	66.6	69.4	73.1	76.1	77.5	80.4	81.7	82.1	82.5	82.0	80.3	74.7	73.0	72.3	70.7	66.8	72.4	82.5	62.8
21	64.5	64.8	64.6	63.0	62.1	61.5	60.0	62.0	66.3	68.4	70.7	74.4	76.5	77.9	79.1	81.1	80.5	78.3	76.8	74.0	72.1	68.4	66.7	65.2	70.0	81.1	60.0
22	61.5	61.5	62.2	60.5	60.1	58.3	58.8	61.9	65.3	67.5	68.8	71.0	72.4	73.0	74.2	75.1	74.6	71.7	70.2	69.3	65.3	62.0	60.1	60.2	66.1	75.1	58.3
23	59.3	58.9	59.1	59.1	59.0	57.2	57.8	60.0	61.5	63.1	65.5	67.5	69.6	71.2	72.0	72.6	72.7	72.4	71.5	70.8	68.4	66.3	63.7	61.9	65.0	72.7	57.2
24	60.8	59.4	57.7	57.6	56.5	55.8	56.8	58.9	61.0	63.9	65.6	67.9	69.0	69.7	69.9	72.2	73.1	73.2	72.7	67.7	63.7	62.1	61.0	59.7	64.0	73.2	55.8
25	62.4	61.9	60.2	59.5	59.3	56.8	54.5	56.7	60.8	61.5	64.3	66.4	68.0	69.4	70.6	71.7	71.3	70.9	69.9	67.5	65.4	64.3	61.7	61.6	64.0	71.7	54.5
26	60.3	59.9	59.3	58.5	58.2	57.2	58.2	59.8	63.1	67.0	70.0	72.1	74.0	75.8	77.0	77.6	78.5	78.6	78.1	74.8	73.7	70.4	69.2	67.1	68.3	78.6	57.2
27	67.7	67.2	65.4	65.2	64.3	62.7	64.1	65.8	68.8	71.9	75.2	79.1	81.7	83.6	85.3	84.9	84.7	84.4	83.2	80.8	79.2	75.0	73.0	70.9	74.3	85.3	62.7
28	70.4	70.0	67.8	67.2	66.3	65.4	65.6	68.6	71.1	74.4	77.8	80.5	84.5	85.8	87.4	89.2	89.0	88.9	88.4	86.6	80.9	75.7	74.5	72.1	77.0	89.2	65.4
29	70.1	68.6	66.6	67.8	65.9	65.3	63.8	66.2	70.9	74.8	78.3	81.1	84.1	85.8	86.6	84.9	84.6	84.2	82.9	81.6	80.5	80.1	75.8	73.4	76.0	86.6	63.8
30	71.3	69.8	68.3	65.9	64.3	64.1	62.7	63.3	66.0	68.2	69.7	70.8	73.1	74.4	74.9	74.6	74.6	75.0	66.6	60.0	59.2	58.5	59.1	58.7	67.2	75.0	58.5
31	56.4	56.5	55.1	53.5	53.5	52.1	50.9	53.8	57.0	59.3	61.5	63.5	65.9	67.7	69.6	70.6	71.4	70.9	69.2	66.6	64.1	62.7	60.0	58.2	61.3	71.4	50.9
Avg	67.6	66.7	65.7	65.0	64.3	63.0	62.7	64.6	68.0	70.6	73.0	75.5	77.6	79.2	80.4	81.0	81.1	80.2	78.8	76.3	73.9	72.5	70.5	68.6	72.0	81.3	63.2
Max	79.5	80.9	78.0	76.5	77.3	76.9	75.6	75.9	80.0	81.4	83.2	85.5	87.4	89.1	90.6	89.7	91.3	91.4	91.0	89.2	85.7	84.3	83.0	82.5	81.8	91.4	76.9
Min	56.4	56.5	55.1	53.5	53.5	52.1	50.9	53.8	57.0	59.3	61.5	63.5	65.9	67.7	69.6	70.6	71.3	70.9	66.6	60.0	59.2	58.5	59.1	58.2	61.3	71.4	50.9

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
September 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	58.0	56.1	53.9	52.6	52.2	52.1	52.3	54.6	57.9	59.2	61.4	64.6	67.7	70.4	71.6	73.3	73.8	73.2	71.5	68.6	67.5	64.0	62.9	61.1	62.5	73.8	52.1
2	60.7	59.6	58.4	57.0	56.0	55.4	55.3	59.0	62.1	66.4	70.3	73.8	78.0	81.8	81.9	82.2	83.0	82.7	80.5	77.6	78.8	75.2	72.7	69.2	69.9	83.0	55.3
3	64.4	60.4	58.4	57.4	56.5	55.5	54.8	55.8	57.1	59.0	61.1	61.6	62.9	64.5	66.1	67.4	68.1	67.9	66.7	63.7	61.1	58.2	57.4	55.9	60.9	68.1	54.8
4	54.9	53.0	51.5	49.0	50.7	49.9	48.7	51.9	56.4	58.5	60.5	62.8	64.8	66.3	67.9	69.1	69.7	69.4	68.2	64.5	61.8	60.6	60.5	57.2	59.5	69.7	48.7
5	56.5	57.1	57.5	57.2	54.6	52.6	53.3	55.4	61.5	64.4	66.7	68.9	71.3	73.6	74.8	75.4	75.8	75.6	73.9	70.2	67.5	64.8	64.5	61.5	64.8	75.8	52.6
6	61.0	62.5	60.1	59.7	59.3	57.9	56.7	57.4	63.7	66.8	69.4	72.2	74.4	76.7	78.3	79.7	80.4	80.6	78.9	75.0	73.1	71.2	69.4	69.7	68.9	80.6	56.7
7	67.6	65.3	63.8	62.4	62.6	61.6	61.7	62.5	66.2	70.1	75.0	79.0	81.6	83.3	83.9	84.9	85.3	85.5	82.9	79.8	76.4	76.8	75.7	71.7	73.6	85.5	61.6
8	70.1	67.4	67.0	66.8	65.6	64.8	63.8	65.5	67.4	71.7	76.0	77.7	80.7	82.6	84.5	84.5	83.2	83.5	81.9	77.2	74.3	70.1	69.7	68.1	73.5	84.5	63.8
9	64.3	65.2	65.9	64.3	60.7	59.9	57.6	58.6	62.5	65.7	66.8	68.2	70.0	72.1	73.4	74.1	74.2	73.1	70.4	67.4	64.0	60.9	60.5	59.4	65.8	74.2	57.6
10	59.0	58.3	57.6	56.8	56.3	55.6	55.6	58.4	59.9	61.6	63.8	66.4	69.1	70.8	72.4	72.6	73.3	73.4	69.8	65.0	62.0	59.7	57.6	55.0	62.9	73.4	55.0
11	55.2	53.6	52.0	50.2	47.9	46.5	45.2	49.8	52.4	53.4	54.8	57.1	58.9	60.3	62.1	63.0	63.5	63.9	62.8	59.2	57.3	56.0	55.5	53.5	55.6	63.9	45.2
12	53.7	53.1	51.1	49.0	47.9	45.8	46.1	45.2	50.4	53.2	58.0	62.3	65.3	66.5	67.4	68.3	69.3	69.1	67.7	64.2	61.2	59.3	57.7	57.3	57.9	69.3	45.2
13	55.4	55.3	54.3	55.3	53.8	53.6	53.1	53.0	54.7	59.9	63.4	65.9	68.8	71.4	74.1	75.8	77.5	77.4	74.4	69.1	66.2	62.4	64.4	64.1	63.5	77.5	53.0
14	62.3	61.9	61.3	61.0	59.8	59.6	58.2	58.4	62.3	67.7	71.3	74.0	76.9	78.5	79.6	80.8	81.6	81.6	79.6	75.5	72.6	69.5	70.0	66.4	69.6	81.6	58.2
15	68.0	67.7	64.9	64.5	64.9	62.3	60.8	60.9	65.2	69.7	73.6	77.3	80.5	82.9	84.2	84.2	84.9	82.5	80.4	80.2	78.6	76.3	75.3	74.2	73.5	84.9	60.8
16	75.3	73.0	70.0	70.5	70.8	71.3	69.7	68.4	70.5	72.3	76.5	80.8	83.2	85.3	85.4	83.5	84.1	83.6	81.8	80.9	81.3	76.9	75.0	73.5	76.8	85.4	68.4
17	76.0	74.2	71.8	70.0	69.4	70.0	70.5	71.5	71.1	72.9	74.4	78.1	83.2	84.2	84.0	83.2	82.5	82.2	80.9	80.0	74.9	74.6	75.4	76.3	76.3	84.2	69.4
18	75.8	77.4	77.8	76.7	76.5	72.5	72.3	72.3	72.6	73.7	76.6	79.3	80.1	80.0	80.5	79.3	80.8	81.4	79.6	76.0	72.3	69.4	68.0	66.1	75.7	81.4	66.1
19	65.3	63.3	61.4	61.5	59.9	56.3	56.0	57.8	62.4	64.5	66.8	69.6	71.7	73.5	74.9	76.5	77.4	76.9	74.9	72.3	70.2	67.3	68.3	66.7	67.3	77.4	56.0
20	64.8	63.5	62.2	61.9	62.6	62.0	61.2	62.8	66.6	69.6	72.0	74.6	76.1	77.1	78.1	78.9	79.3	79.1	76.7	73.1	71.2	69.2	67.9	66.3	69.9	79.3	61.2
21	66.9	65.1	64.1	64.4	62.3	62.2	61.8	61.9	68.4	71.9	75.2	76.7	77.3	78.7	78.5	76.5	77.8	77.4	74.8	72.2	71.8	69.3	69.1	66.0	70.4	78.7	61.8
22	66.0	64.1	62.9	60.5	61.2	60.6	59.2	58.7	61.5	64.6	68.2	72.1	73.8	74.0	75.5	76.2	76.7	76.1	73.3	71.3	71.5	71.6	65.5	64.5	67.9	76.7	58.7
23	64.0	62.8	62.2	59.3	60.3	60.0	59.4	59.4	62.1	65.7	69.0	69.5	72.5	75.9	76.0	74.4	74.3	75.1	73.6	71.2	68.1	66.6	66.6	70.2	67.4	76.0	59.3
24	69.9	69.7	69.4	68.5	67.8	67.0	65.4	65.2	67.3	70.8	73.6	76.8	80.4	84.4	86.7	86.7	86.0	88.1	83.2	79.7	75.5	75.8	71.5	66.4	74.8	88.1	65.2
25	61.0	61.2	58.4	57.6	57.0	54.4	53.3	52.5	58.7	63.3	66.9	67.8	69.2	70.9	72.7	72.3	67.7	62.8	61.6	63.4	64.1	63.0	62.7	60.8	62.6	72.7	52.5
26	60.0	59.2	57.6	57.4	55.6	54.4	53.0	52.0	55.6	57.9	60.3	62.3	63.9	64.6	65.5	65.7	65.8	65.1	64.1	62.7	62.8	61.3	60.3	60.4	60.3	65.8	52.0
27	59.6	59.5	58.3	56.6	54.7	54.7	54.5	54.8	55.7	56.6	57.6	58.3	57.0	57.5	59.7	61.5	63.2	63.0	62.5	62.3	58.0	53.9	55.3	57.1	58.0	63.2	53.9
28	57.6	56.1	55.5	55.1	56.5	55.9	54.1	53.6	54.0	55.0	56.4	57.5	58.8	60.5	62.2	62.9	64.4	64.6	62.8	62.6	60.6	58.6	58.4	56.3	58.3	64.6	53.6
29	54.3	52.8	52.5	52.2	51.9	50.7	50.4	50.2	49.8	50.1	50.4	51.2	52.1	52.9	53.5	54.3	55.0	55.0	54.3	53.6	53.5	53.8	53.8	52.5	52.5	55.0	49.8
30	51.2	51.6	51.9	52.5	52.8	53.7	52.0	51.3	52.3	52.0	53.6	54.9	55.3	56.4	57.7	59.5	59.1	58.3	55.5	53.5	52.2	51.7	50.3	50.9	53.8	59.5	50.3
Avg	62.6	61.7	60.5	59.6	58.9	58.0	57.2	58.0	60.9	63.6	66.3	68.7	70.9	72.6	73.8	74.2	74.6	74.3	72.3	69.7	67.7	65.6	64.7	63.3	65.8	75.1	56.6
Max	76.0	77.4	77.8	76.7	76.5	72.5	72.3	72.3	72.6	73.7	76.6	80.8	83.2	85.3	86.7	86.7	86.0	88.1	83.2	80.9	81.3	76.9	75.7	76.3	76.8	88.1	69.4
Min	51.2	51.6	51.1	49.0	47.9	45.8	45.2	45.2	49.8	50.1	50.4	51.2	52.1	52.9	53.5	54.3	55.0	55.0	54.3	53.5	52.2	51.7	50.3	50.9	52.5	55.0	45.2

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
August 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1																		Ca	Ca	Ca	Ca	79.8	79.1	76.0	78.3	79.8	76.0
2	73.0	71.5	72.5	72.7	71.8	69.4	68.8	71.4	77.1	80.7	83.7	87.0	89.2	91.0	92.1	89.9	89.2	88.6	88.4	86.0	82.0	80.0	79.7	77.4	80.5	92.1	68.8
3	74.5	72.3	71.2	69.1	70.8	69.4	69.9	74.3	81.4	83.3	85.3	87.8	88.8	89.1	90.3	91.5	92.9	92.3	91.7	89.1	84.9	83.3	81.8	81.3	81.9	92.9	69.1
4	78.2	78.9	76.6	75.0	75.4	75.0	74.3	75.9	79.5	82.5	83.7	86.2	88.0	88.7	89.4	88.9	88.7	87.1	85.7	80.3	78.8	77.4	74.3	72.1	80.9	89.4	72.1
5	71.0	68.8	68.2	67.1	65.9	65.5	66.2	70.5	74.8	78.9	81.8	83.1	85.6	88.6	89.9	90.5	89.5	89.2	88.6	86.3	82.9	80.6	77.5	75.1	78.6	90.5	65.5
6	72.4	71.0	69.7	68.0	65.2	63.1	63.5	65.9	70.4	72.0	73.1	77.0	79.9	83.2	86.2	88.2	87.8	83.3	81.4	80.0	78.3	76.2	73.5	69.4	74.9	88.2	63.1
7	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
8	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
9	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
10	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
11	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
12	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
13	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
14	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
15	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
16	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
17	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
18	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
19	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Au	Au	Au	Au	Au	77.2	75.1	74.0	71.4	75.6	72.2	69.6	73.6	77.2	69.6
20	66.2	64.7	65.6	66.8	65.3	62.8	61.3	64.3	67.2	70.5	74.3	77.5	78.6	81.8	83.3	83.6	83.4	82.5	80.5	74.8	72.6	71.9	70.2	65.5	72.3	83.6	61.3
21	62.5	64.0	63.9	62.1	61.1	60.0	58.1	62.2	67.1	69.6	71.8	75.9	78.3	79.4	80.6	82.4	81.6	79.3	77.0	73.6	71.2	66.4	64.9	63.0	69.8	82.4	58.1
22	59.4	60.1	60.7	58.8	58.5	57.4	57.8	62.1	66.1	69.0	70.6	72.8	73.9	74.4	75.7	76.5	75.9	72.8	70.7	69.3	65.3	61.8	59.6	59.8	66.2	76.5	57.4
23	59.0	58.5	58.7	58.8	58.5	56.5	57.5	60.5	62.6	64.6	67.3	69.7	72.0	73.6	74.2	74.6	74.2	73.3	72.0	70.9	68.2	66.0	63.0	60.8	65.6	74.6	56.5
24	60.0	58.3	56.4	55.9	54.6	53.9	55.7	59.1	61.6	65.1	67.0	69.8	70.3	70.9	71.4	73.8	74.5	74.3	73.1	67.7	63.7	62.0	60.6	59.2	64.1	74.5	53.9
25	61.8	61.8	59.9	59.0	58.7	56.2	53.6	56.7	61.9	62.7	66.2	68.4	69.9	71.4	72.7	73.7	73.1	72.2	70.4	67.2	64.3	62.6	60.4	59.8	64.4	73.7	53.6
26	58.7	58.6	57.5	56.7	56.5	56.0	57.2	60.2	64.1	68.0	71.4	73.5	75.7	77.6	78.8	79.1	80.0	79.7	78.4	73.7	72.4	68.4	67.2	65.0	68.1	80.0	56.0
27	66.0	65.4	63.8	63.9	61.8	60.3	63.0	66.2	69.9	73.2	76.9	81.2	83.6	85.3	87.0	86.9	86.4	85.5	83.5	80.4	78.3	73.2	71.9	69.6	74.3	87.0	60.3
28	68.4	67.9	66.1	65.2	63.7	62.9	63.1	67.8	71.9	75.4	78.8	81.6	85.9	87.1	88.6	90.6	90.1	89.4	88.3	85.3	79.3	74.4	73.3	70.2	76.5	90.6	62.9
29	68.6	67.0	64.5	65.5	64.7	63.3	61.9	65.6	71.9	76.1	79.6	82.7	85.8	87.4	88.4	86.4	85.5	84.4	82.7	80.8	79.5	79.0	75.6	73.3	75.8	88.4	61.9
30	71.2	69.8	68.3	65.5	63.5	63.0	62.0	63.4	66.8	69.1	71.0	72.2	74.4	75.9	76.0	75.5	75.2	75.4	67.0	60.3	59.4	58.6	59.0	58.2	67.5	76.0	58.2
31	55.1	55.7	54.2	52.3	52.5	50.1	49.6	54.2	57.9	60.6	63.1	64.9	67.4	69.5	71.5	72.1	72.7	72.1	69.7	66.5	63.4	61.3	58.8	57.0	61.3	72.7	49.6
Avg	66.2	65.5	64.6	63.7	62.9	61.5	61.4	64.7	69.0	71.8	74.4	77.1	79.3	80.9	82.1	82.6	82.4	81.0	79.1	75.9	73.1	71.5	69.6	67.5	72.0	82.6	61.8
Max	78.2	78.9	76.6	75.0	75.4	75.0	74.3	75.9	81.4	83.3	85.3	87.8	89.2	91.0	92.1	91.5	92.9	92.3	91.7	89.1	84.9	83.3	81.8	81.3	81.9	92.9	76.0
Min	55.1	55.7	54.2	52.3	52.5	50.1	49.6	54.2	57.9	60.6	63.1	64.9	67.4	69.5	71.4	72.1	72.7	72.1	67.0	60.3	59.4	58.6	58.8	57.0	61.3	72.7	49.6

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
September 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	55.8	54.5	53.0	51.3	51.2	51.3	51.3	55.0	59.0	60.3	62.6	66.0	69.4	72.3	73.2	74.8	75.3	74.3	71.8	68.2	66.2	62.6	60.9	59.3	62.5	75.3	51.2
2	58.9	57.2	56.6	54.7	54.7	53.6	52.8	59.1	63.0	67.7	71.6	75.3	79.8	83.6	84.1	84.2	84.5	83.6	80.4	75.5	77.3	74.7	72.3	68.5	69.7	84.5	52.8
3	63.8	60.1	57.9	57.0	56.2	55.1	54.6	56.1	58.1	60.3	62.6	63.7	64.6	66.5	67.7	69.1	69.5	68.9	66.9	63.0	60.0	57.3	56.0	54.7	61.2	69.5	54.6
4	53.4	51.8	49.6	48.0	49.4	48.2	47.7	52.1	57.5	60.1	62.0	64.4	66.6	68.0	69.7	70.8	71.2	70.4	67.8	62.4	59.0	58.3	58.6	55.7	59.3	71.2	47.7
5	54.5	55.4	55.7	55.0	53.3	51.3	51.6	54.7	62.5	65.8	68.4	70.9	73.3	75.6	76.7	77.0	77.2	76.5	73.3	67.6	65.1	62.4	62.6	58.9	64.4	77.2	51.3
6	58.9	59.2	58.0	58.0	56.9	55.7	54.1	57.5	64.8	68.1	70.9	74.1	76.4	78.6	80.1	81.3	81.8	81.5	78.7	73.6	70.5	68.2	67.6	67.6	68.4	81.8	54.1
7	65.0	63.2	62.3	61.0	59.4	59.3	58.7	62.1	67.2	71.4	76.4	80.5	83.0	85.6	86.0	86.7	86.8	86.2	82.6	78.0	73.5	74.5	74.3	70.0	73.1	86.8	58.7
8	68.2	65.3	65.4	65.0	63.0	62.1	62.6	64.5	68.1	72.7	77.3	79.1	82.0	84.1	86.3	85.9	83.9	84.0	81.4	75.0	72.0	68.5	68.2	65.7	72.9	86.3	62.1
9	63.1	63.5	64.0	62.5	58.9	58.5	55.1	58.5	63.4	66.8	68.4	70.2	71.6	74.0	75.1	75.8	75.8	74.0	70.5	66.8	63.0	60.0	59.9	58.4	65.7	75.8	55.1
10	58.7	57.9	57.1	56.2	55.7	55.0	55.1	58.7	60.8	62.8	65.4	68.0	70.8	72.3	73.9	74.0	74.6	74.3	70.0	64.7	61.6	59.3	57.2	54.3	63.3	74.6	54.3
11	54.3	52.4	50.6	48.6	46.2	45.4	43.8	49.9	53.4	55.0	56.8	59.3	61.1	62.6	64.1	64.6	64.9	64.8	62.0	58.3	55.7	54.2	53.5	51.5	55.5	64.9	43.8
12	50.9	51.3	49.0	46.7	45.4	43.4	44.0	45.5	51.5	54.4	59.8	64.3	67.4	68.6	69.2	69.8	70.6	70.0	67.2	62.3	59.4	57.9	56.2	55.7	57.5	70.6	43.4
13	54.5	53.1	52.3	53.6	51.3	52.4	51.4	51.9	55.0	61.0	65.0	67.4	70.3	73.0	75.5	77.2	78.7	78.1	73.5	67.9	65.0	60.7	62.6	61.4	63.0	78.7	51.3
14	60.1	60.4	59.2	58.2	58.3	57.5	57.0	56.6	62.7	68.8	72.7	75.6	78.6	80.2	81.0	82.1	82.7	82.2	78.3	72.3	70.7	67.3	67.4	64.5	68.9	82.7	56.6
15	65.5	64.2	63.2	62.8	62.9	60.0	59.0	59.9	65.6	70.3	74.4	78.4	81.7	84.3	85.7	86.0	86.2	82.8	80.1	79.5	77.5	74.5	74.4	73.2	73.0	86.2	59.0
16	73.3	71.2	68.2	69.9	70.4	70.4	69.2	68.0	70.7	73.1	77.8	82.1	84.6	87.0	86.5	84.9	85.0	83.7	81.3	80.0	79.8	74.8	73.8	71.5	76.5	87.0	68.0
17	74.3	72.8	70.8	68.2	67.9	68.8	69.5	70.9	71.1	73.4	75.1	79.0	84.3	85.9	85.7	84.8	83.5	82.3	80.2	78.6	73.5	73.1	73.2	75.0	75.9	85.9	67.9
18	74.8	76.3	77.2	76.5	76.2	71.7	71.7	72.0	72.8	74.6	78.0	81.1	81.6	80.8	81.1	79.8	81.7	81.7	79.1	75.5	71.7	68.4	67.2	65.5	75.7	81.7	65.5
19	64.7	62.7	60.7	60.7	58.7	55.3	54.6	57.6	63.0	65.8	68.1	70.9	73.5	75.4	76.6	78.0	78.7	77.7	74.4	70.4	68.1	66.1	66.4	64.8	67.2	78.7	54.6
20	63.6	62.3	61.0	60.8	61.1	60.1	59.3	61.4	67.3	70.5	73.3	76.3	78.0	79.0	79.9	80.5	80.5	79.8	75.7	71.8	69.7	67.6	65.7	64.5	69.6	80.5	59.3
21	64.9	63.7	61.8	62.6	60.6	60.7	60.3	60.9	69.0	72.7	76.6	78.1	79.0	80.6	80.1	77.4	79.0	78.1	75.0	72.3	71.7	69.3	68.9	65.7	70.4	80.6	60.3
22	65.7	64.0	62.6	60.3	61.1	60.6	58.8	58.4	62.3	65.7	69.5	73.5	75.5	75.7	77.0	77.5	77.7	76.8	73.0	70.7	70.4	70.9	64.9	63.9	68.2	77.7	58.4
23	63.3	61.5	60.7	58.5	59.2	59.3	58.2	59.1	62.4	66.6	70.2	70.4	73.7	76.7	77.5	75.6	75.1	75.3	73.1	69.9	67.1	65.0	64.4	67.9	67.1	77.5	58.2
24	67.9	67.5	67.1	67.0	66.2	64.9	63.2	64.4	67.8	71.9	74.9	78.4	82.2	86.3	88.5	88.0	86.8	87.9	82.0	78.1	73.9	72.7	69.1	65.4	74.3	88.5	63.2
25	59.8	59.1	56.4	55.5	53.8	52.3	51.0	51.9	59.3	64.4	68.3	69.2	70.6	72.1	74.1	73.6	68.6	63.2	61.7	63.4	64.2	63.1	62.8	60.8	62.5	74.1	51.0
26	60.0	59.1	57.4	56.9	54.7	53.4	51.3	51.7	56.3	58.7	61.5	63.8	65.4	65.8	66.6	66.6	66.4	65.5	63.9	61.8	62.2	60.8	59.9	60.3	60.4	66.6	51.3
27	59.4	59.4	58.1	56.1	54.3	54.2	54.2	54.6	55.6	56.7	58.2	58.9	57.7	59.0	60.8	62.8	64.2	63.4	62.6	62.3	57.5	53.8	55.1	56.7	58.1	64.2	53.8
28	57.2	55.7	54.9	54.7	55.8	55.2	53.7	53.4	53.9	55.1	56.7	58.0	59.5	61.2	62.9	63.5	64.8	64.8	62.6	62.3	60.5	58.4	57.9	56.1	58.3	64.8	53.4
29	54.5	53.0	52.7	52.4	52.1	50.9	50.6	50.5	50.1	50.5	50.7	51.7	52.5	53.2	53.8	54.6	55.4	55.0	54.1	53.5	53.4	53.6	53.5	52.1	52.7	55.4	50.1
30	51.2	51.7	52.0	52.6	52.6	53.2	51.6	51.1	52.8	52.8	54.5	55.8	56.1	57.2	58.4	60.4	59.7	58.3	54.5	52.7	51.4	50.5	49.0	50.1	53.8	60.4	49.0
Avg	61.3	60.3	59.2	58.4	57.6	56.7	55.9	57.6	61.6	64.6	67.6	70.1	72.4	74.2	75.3	75.6	75.7	74.8	71.9	68.6	66.4	64.3	63.5	62.0	65.6	76.3	55.3
Max	74.8	76.3	77.2	76.5	76.2	71.7	71.7	72.0	72.8	74.6	78.0	82.1	84.6	87.0	88.5	88.0	86.8	87.9	82.6	80.0	79.8	74.8	74.4	75.0	76.5	88.5	68.0
Min	50.9	51.3	49.0	46.7	45.4	43.4	43.8	45.5	50.1	50.5	50.7	51.7	52.5	53.2	53.8	54.6	55.4	55.0	54.1	52.7	51.4	50.5	49.0	50.1	52.7	55.4	43.4

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
August 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1																		Ca	Ca	Ca	Ca	0.66	0.34	0.96	0.65	0.96	0.34
2	2.69	1.96	1.13	1.27	0.97	1.67	1.51	0.02	-0.87	-0.93	-1.10	-1.50	-1.79	-1.89	-1.50	-1.00	-0.80	-0.50	-0.20	0.40	1.60	1.41	0.88	1.05	0.19	2.69	-1.89
3	1.28	1.48	1.48	2.05	1.75	1.85	1.99	-0.33	-1.39	-1.89	-2.09	-2.29	-2.20	-1.89	-1.79	-1.79	-1.60	-0.89	-0.69	0.10	0.80	1.00	1.20	1.20	-0.11	2.05	-2.29
4	1.35	1.97	1.31	1.52	1.90	1.92	1.28	-0.01	-0.86	-1.70	-1.39	-1.89	-2.09	-2.00	-1.89	-1.70	-1.89	-1.39	-1.00	-0.31	0.39	0.87	1.06	1.27	-0.14	1.97	-2.09
5	0.70	1.07	1.29	1.07	1.69	1.60	0.93	-0.79	-1.20	-1.89	-1.97	-1.60	-1.79	-2.09	-2.00	-1.89	-1.00	-0.60	-0.20	0.70	1.10	0.70	0.14	0.17	-0.24	1.69	-2.09
6	0.26	0.29	0.42	0.88	1.39	1.02	0.95	0.36	-0.56	-0.82	-0.73	-1.07	-0.92	-1.10	-1.39	-1.60	-1.50	-0.89	-0.60	-0.01	0.27	0.37	0.75	0.64	-0.15	1.39	-1.60
7	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
8	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
9	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
10	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
11	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
12	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
13	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
14	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
15	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
16	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
17	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
18	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
19	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Au	Au	Au	Au	Au	0.05	0.19	1.71	2.06	1.18	1.81	0.98	1.14	2.06	0.05
20	2.61	1.99	1.72	0.97	0.98	1.19	1.50	0.34	-0.63	-1.07	-1.23	-1.39	-1.03	-1.38	-1.54	-1.49	-0.94	-0.50	-0.21	-0.04	0.39	0.36	0.48	1.28	0.10	2.61	-1.54
21	2.04	0.83	0.65	0.82	1.08	1.50	1.89	-0.24	-0.73	-1.17	-1.14	-1.51	-1.74	-1.51	-1.50	-1.35	-1.10	-0.99	-0.21	0.37	0.94	2.02	1.80	2.26	0.13	2.26	-1.74
22	2.10	1.46	1.57	1.70	1.64	0.90	0.98	-0.20	-0.78	-1.55	-1.80	-1.86	-1.57	-1.31	-1.43	-1.37	-1.33	-1.10	-0.52	0.01	0.08	0.12	0.51	0.42	-0.14	2.10	-1.86
23	0.31	0.41	0.41	0.33	0.48	0.69	0.23	-0.53	-1.08	-1.51	-1.76	-2.16	-2.39	-2.36	-2.22	-2.01	-1.49	-0.94	-0.47	-0.11	0.22	0.31	0.64	1.06	-0.58	1.06	-2.39
24	0.79	1.07	1.31	1.63	1.91	1.91	1.18	-0.15	-0.65	-1.21	-1.43	-1.86	-1.28	-1.14	-1.43	-1.61	-1.33	-1.02	-0.41	0.04	-0.06	0.07	0.39	0.50	-0.12	1.91	-1.86
25	0.56	0.09	0.34	0.54	0.62	0.56	0.90	0.07	-1.18	-1.24	-1.89	-1.98	-1.86	-1.99	-2.04	-2.02	-1.77	-1.24	-0.53	0.36	1.13	1.71	1.26	1.75	-0.33	1.75	-2.04
26	1.53	1.33	1.80	1.83	1.70	1.17	0.99	-0.41	-1.02	-1.02	-1.37	-1.43	-1.62	-1.85	-1.81	-1.45	-1.41	-1.05	-0.29	1.10	1.35	1.99	1.97	2.11	0.17	2.11	-1.85
27	1.75	1.81	1.61	1.35	2.49	2.42	1.15	-0.32	-1.06	-1.29	-1.70	-2.07	-1.92	-1.71	-1.69	-2.05	-1.78	-1.03	-0.30	0.40	0.93	1.80	1.11	1.28	0.05	2.49	-2.07
28	1.93	2.03	1.70	2.00	2.63	2.52	2.50	0.74	-0.80	-0.91	-0.95	-1.09	-1.33	-1.31	-1.18	-1.38	-1.05	-0.47	0.04	1.34	1.57	1.32	1.25	1.93	0.54	2.63	-1.38
29	1.49	1.59	2.12	2.24	1.24	2.02	1.92	0.61	-0.96	-1.30	-1.28	-1.57	-1.75	-1.60	-1.76	-1.46	-0.84	-0.21	0.19	0.79	1.01	1.07	0.16	0.11	0.16	2.24	-1.76
30	0.09	0.07	0.03	0.40	0.84	1.01	0.69	-0.07	-0.78	-0.93	-1.30	-1.42	-1.27	-1.48	-1.12	-0.88	-0.55	-0.38	-0.39	-0.34	-0.18	-0.04	0.07	0.44	-0.31	1.01	-1.48
31	1.23	0.87	0.92	1.22	0.98	2.01	1.34	-0.36	-0.88	-1.26	-1.52	-1.39	-1.50	-1.76	-1.86	-1.52	-1.33	-1.23	-0.46	0.13	0.71	1.46	1.17	1.16	-0.08	2.01	-1.86
Avg	1.34	1.20	1.17	1.28	1.43	1.53	1.29	-0.07	-0.91	-1.28	-1.45	-1.65	-1.65	-1.67	-1.66	-1.56	-1.28	-0.80	-0.34	0.37	0.80	0.97	0.89	1.08	-0.03	1.95	-1.65
Max	2.69	2.03	2.12	2.24	2.63	2.52	2.50	0.74	-0.56	-0.82	-0.73	-1.07	-0.92	-1.10	-1.12	-0.88	-0.55	0.05	0.19	1.71	2.06	2.02	1.97	2.26	1.14	2.69	0.34
Min	0.09	0.07	0.03	0.33	0.48	0.56	0.23	-0.79	-1.39	-1.89	-2.09	-2.29	-2.39	-2.36	-2.22	-2.05	-1.89	-1.39	-1.00	-0.34	-0.18	-0.04	0.07	0.11	-0.58	0.96	-2.39

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
September 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.24	1.58	0.97	1.26	1.03	0.76	1.05	-0.49	-1.13	-1.12	-1.12	-1.44	-1.71	-1.84	-1.61	-1.52	-1.50	-1.07	-0.31	0.40	1.29	1.33	2.03	1.87	0.04	2.24	-1.84
2	1.80	2.35	1.78	2.31	1.31	1.86	2.49	-0.03	-0.84	-1.28	-1.30	-1.45	-1.77	-1.80	-2.20	-1.99	-1.44	-0.91	0.11	2.12	1.46	0.49	0.40	0.71	0.17	2.49	-2.20
3	0.62	0.29	0.47	0.43	0.34	0.44	0.26	-0.37	-0.96	-1.28	-1.55	-2.05	-1.67	-1.91	-1.56	-1.61	-1.43	-1.07	-0.24	0.68	1.12	0.92	1.35	1.12	-0.32	1.35	-2.05
4	1.48	1.15	1.94	1.06	1.24	1.73	1.06	-0.26	-1.11	-1.54	-1.54	-1.66	-1.77	-1.70	-1.74	-1.67	-1.51	-1.01	0.40	2.09	2.78	2.29	1.83	1.53	0.21	2.78	-1.77
5	1.94	1.70	1.87	2.21	1.28	1.25	1.67	0.71	-1.08	-1.40	-1.68	-1.92	-1.97	-1.99	-1.89	-1.60	-1.36	-0.85	0.65	2.57	2.35	2.40	1.96	2.54	0.39	2.57	-1.99
6	2.14	3.27	2.15	1.67	2.37	2.24	2.55	-0.10	-1.06	-1.25	-1.48	-1.91	-1.97	-1.86	-1.80	-1.60	-1.37	-0.89	0.25	1.37	2.59	2.99	1.79	2.08	0.51	3.27	-1.97
7	2.63	2.10	1.55	1.47	3.15	2.32	2.98	0.48	-0.91	-1.31	-1.40	-1.55	-1.41	-2.23	-2.02	-1.76	-1.43	-0.72	0.35	1.72	2.87	2.22	1.34	1.65	0.50	3.15	-2.23
8	1.90	2.17	1.59	1.75	2.55	2.70	1.22	1.05	-0.75	-0.98	-1.32	-1.44	-1.31	-1.43	-1.76	-1.40	-0.72	-0.43	0.52	2.16	2.25	1.63	1.53	2.34	0.58	2.70	-1.76
9	1.25	1.69	1.86	1.77	1.77	1.41	2.52	0.10	-0.90	-1.10	-1.64	-1.92	-1.54	-1.92	-1.75	-1.72	-1.54	-0.91	-0.11	0.58	1.06	0.92	0.68	0.97	0.06	2.52	-1.92
10	0.33	0.42	0.51	0.53	0.63	0.57	0.48	-0.27	-0.86	-1.17	-1.59	-1.54	-1.66	-1.52	-1.53	-1.41	-1.24	-0.91	-0.18	0.30	0.43	0.45	0.44	0.71	-0.34	0.71	-1.66
11	0.83	1.21	1.43	1.61	1.71	1.08	1.36	-0.10	-1.07	-1.66	-1.97	-2.20	-2.25	-2.26	-2.03	-1.68	-1.31	-0.81	0.79	0.91	1.68	1.73	1.99	2.00	0.04	2.00	-2.26
12	2.82	1.78	2.13	2.30	2.58	2.42	2.14	-0.21	-1.09	-1.25	-1.83	-1.98	-2.19	-2.08	-1.81	-1.46	-1.34	-0.83	0.56	1.86	1.85	1.46	1.46	1.57	0.37	2.82	-2.19
13	0.97	2.23	2.02	1.65	2.49	1.22	1.72	1.06	-0.36	-1.18	-1.52	-1.46	-1.55	-1.61	-1.45	-1.39	-1.22	-0.74	0.83	1.21	1.20	1.66	1.78	2.69	0.43	2.69	-1.61
14	2.27	1.43	2.08	2.81	1.44	2.06	1.22	1.72	-0.40	-1.17	-1.36	-1.57	-1.72	-1.68	-1.43	-1.36	-1.06	-0.61	1.22	3.20	1.84	2.21	2.58	1.89	0.65	3.20	-1.72
15	2.49	3.52	1.71	1.74	1.98	2.25	1.77	0.98	-0.33	-0.68	-0.87	-1.14	-1.19	-1.41	-1.58	-1.82	-1.35	-0.30	0.29	0.75	1.07	1.76	0.97	0.96	0.48	3.52	-1.82
16	2.00	1.80	1.72	0.62	0.39	0.91	0.51	0.42	-0.12	-0.79	-1.23	-1.32	-1.39	-1.67	-1.12	-1.32	-0.95	-0.14	0.44	0.91	1.46	2.02	1.21	1.98	0.26	2.02	-1.67
17	1.72	1.41	1.04	1.73	1.49	1.25	1.00	0.62	-0.07	-0.49	-0.66	-0.94	-1.12	-1.71	-1.75	-1.59	-0.96	-0.15	0.65	1.35	1.34	1.48	2.22	1.35	0.38	2.22	-1.75
18	0.98	1.08	0.56	0.24	0.32	0.83	0.62	0.34	-0.15	-0.84	-1.41	-1.79	-1.41	-0.85	-0.62	-0.51	-0.91	-0.30	0.49	0.58	0.59	0.98	0.79	0.67	0.01	1.08	-1.79
19	0.61	0.57	0.71	0.77	1.18	0.97	1.39	0.22	-0.64	-1.21	-1.33	-1.26	-1.76	-1.86	-1.71	-1.47	-1.23	-0.73	0.51	1.89	2.13	1.18	1.93	1.88	0.11	2.13	-1.86
20	1.22	1.20	1.13	1.12	1.47	1.90	1.91	1.43	-0.69	-0.92	-1.32	-1.63	-1.95	-1.90	-1.87	-1.62	-1.20	-0.65	1.01	1.37	1.53	1.55	2.26	1.83	0.30	2.26	-1.95
21	1.97	1.42	2.28	1.86	1.70	1.50	1.51	1.05	-0.63	-0.84	-1.33	-1.30	-1.69	-1.83	-1.57	-0.94	-1.20	-0.71	-0.25	-0.07	0.09	-0.02	0.21	0.27	0.06	2.28	-1.83
22	0.26	0.08	0.24	0.20	0.18	0.03	0.36	0.32	-0.82	-1.05	-1.32	-1.40	-1.73	-1.65	-1.49	-1.25	-0.98	-0.62	0.29	0.63	1.09	0.75	0.52	0.62	-0.28	1.09	-1.73
23	0.76	1.30	1.47	0.87	1.13	0.75	1.19	0.30	-0.33	-0.91	-1.24	-0.89	-1.12	-0.77	-1.51	-1.22	-0.76	-0.27	0.49	1.29	0.99	1.61	2.29	2.25	0.32	2.29	-1.51
24	2.02	2.17	2.28	1.57	1.62	2.06	2.19	0.75	-0.52	-1.11	-1.24	-1.53	-1.79	-1.94	-1.77	-1.38	-0.82	0.11	1.23	1.61	1.62	3.06	2.38	1.05	0.57	3.06	-1.94
25	1.23	2.09	2.04	2.10	3.24	2.10	2.23	0.64	-0.59	-1.07	-1.36	-1.48	-1.40	-1.20	-1.38	-1.23	-0.91	-0.42	-0.13	-0.08	-0.05	-0.02	-0.03	-0.03	0.18	3.24	-1.48
26	0.00	0.11	0.23	0.46	0.88	0.99	1.68	0.28	-0.66	-0.86	-1.14	-1.45	-1.58	-1.15	-1.12	-0.88	-0.67	-0.32	0.14	0.89	0.55	0.45	0.34	0.14	-0.11	1.68	-1.58
27	0.22	0.09	0.18	0.54	0.45	0.52	0.35	0.24	0.06	-0.15	-0.55	-0.59	-0.72	-1.47	-1.15	-1.32	-0.94	-0.35	-0.12	0.00	0.47	0.14	0.27	0.37	-0.14	0.54	-1.47
28	0.38	0.41	0.57	0.44	0.76	0.70	0.45	0.21	0.08	-0.08	-0.28	-0.50	-0.64	-0.71	-0.66	-0.60	-0.45	-0.15	0.20	0.27	0.12	0.24	0.45	0.21	0.06	0.76	-0.71
29	-0.13	-0.22	-0.21	-0.23	-0.24	-0.22	-0.23	-0.24	-0.31	-0.37	-0.33	-0.46	-0.40	-0.31	-0.28	-0.34	-0.40	0.00	0.17	0.15	0.17	0.17	0.35	0.37	-0.15	0.37	-0.46
30	0.00	-0.13	-0.13	-0.11	0.17	0.50	0.44	0.19	-0.51	-0.72	-0.95	-0.91	-0.84	-0.74	-0.62	-0.91	-0.54	-0.01	1.04	0.85	0.82	1.17	1.28	0.80	0.01	1.28	-0.95
Avg	1.30	1.34	1.27	1.23	1.35	1.30	1.34	0.37	-0.63	-0.99	-1.26	-1.42	-1.51	-1.57	-1.49	-1.35	-1.09	-0.56	0.38	1.12	1.29	1.31	1.29	1.28	0.18	2.14	-1.72
Max	2.82	3.52	2.28	2.81	3.24	2.70	2.98	1.72	0.08	-0.08	-0.28	-0.46	-0.40	-0.31	-0.28	-0.34	-0.40	0.11	1.23	3.20	2.87	3.06	2.58	2.69	0.65	3.52	-0.46
Min	-0.13	-0.22	-0.21	-0.23	-0.24	-0.22	-0.23	-0.49	-1.13	-1.66	-1.97	-2.20	-2.25	-2.26	-2.20	-1.99	-1.54	-1.07	-0.31	-0.08	-0.05	-0.02	-0.03	-0.03	-0.34	0.37	-2.26

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Relative Humidity (% RH)
August 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1																		Ca	Ca	Ca	Ca	31.0	32.7	34.4	32.7	34.4	31.0
2	36.4	38.3	37.4	37.0	38.8	41.9	42.6	37.7	30.6	26.2	23.2	20.3	19.9	16.9	17.0	24.0	23.7	21.5	19.8	21.1	24.0	27.0	28.9	31.7	28.6	42.6	16.9
3	35.0	38.9	39.5	41.5	39.6	40.6	39.2	34.0	25.8	24.3	22.9	22.0	21.1	21.1	20.1	18.6	16.4	16.5	16.9	21.1	26.3	27.5	28.2	28.0	27.7	41.5	16.4
4	29.9	27.8	29.3	31.2	31.0	32.4	33.8	34.3	29.7	26.8	27.5	26.7	26.1	24.0	22.4	24.2	25.1	27.2	29.4	39.6	40.5	41.7	45.5	48.9	31.5	48.9	22.4
5	50.1	55.1	57.7	60.7	62.6	64.1	62.1	50.5	46.1	39.2	32.4	27.5	22.7	15.6	11.1	13.4	14.1	14.2	14.8	17.0	19.1	28.8	40.5	46.7	36.1	64.1	11.1
6	52.1	54.1	56.1	58.9	63.6	75.6	74.6	66.6	57.7	54.0	50.2	35.6	30.6	23.4	20.6	18.0	24.4	35.4	37.7	38.7	40.8	43.7	47.2	56.5	46.5	75.6	18.0
7	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
8	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
9	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
10	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
11	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
12	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
13	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
14	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
15	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
16	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
17	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
18	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
19	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Au	Au	Au	Au	Au	35.9	41.9	45.3	47.0	32.4	40.0	47.1	41.4	47.1	32.4
20	53.6	56.9	54.3	52.8	54.6	60.6	66.0	61.3	54.5	45.5	38.1	33.7	33.3	28.0	23.2	21.0	20.8	22.0	24.5	38.4	42.8	43.4	43.9	51.1	42.7	66.0	20.8
21	53.3	44.8	37.0	33.9	37.0	37.7	38.6	33.7	27.4	28.1	24.4	15.9	13.3	9.2	9.7	8.6	10.9	19.8	20.7	25.7	28.6	32.4	34.8	36.1	27.6	53.3	8.6
22	39.0	38.5	37.6	38.9	35.1	33.7	32.7	27.5	24.7	25.4	23.4	21.8	21.4	22.2	20.7	20.3	21.4	26.4	28.1	30.3	40.9	44.9	48.4	47.7	31.3	48.4	20.3
23	51.1	53.1	53.0	53.0	54.9	59.8	57.9	52.5	48.4	44.1	39.2	36.9	34.3	32.1	31.5	30.7	31.6	32.7	35.2	37.0	42.1	47.8	53.5	56.5	44.5	59.8	30.7
24	57.8	61.2	65.0	65.3	67.6	68.5	65.6	57.9	52.3	43.6	40.4	38.4	36.8	34.7	35.2	31.2	31.4	32.9	34.2	41.3	48.9	52.8	54.2	56.3	48.9	68.5	31.2
25	49.1	50.4	53.7	56.3	57.6	62.6	69.1	63.7	50.9	49.2	42.7	41.5	38.6	37.2	34.8	33.8	38.2	36.7	38.8	49.1	52.7	51.2	50.8	50.6	48.3	69.1	33.8
26	52.9	53.0	53.8	54.8	57.4	59.2	56.1	48.6	43.4	39.1	35.0	32.8	30.6	27.6	26.0	24.5	22.8	20.5	18.5	21.2	29.7	34.6	35.9	38.0	38.2	59.2	18.5
27	36.9	37.2	39.1	37.8	40.0	42.8	39.9	36.6	33.9	30.9	28.1	24.8	22.1	20.2	17.8	22.2	22.3	22.1	22.7	25.3	26.7	31.4	33.3	35.9	30.4	42.8	17.8
28	36.7	37.4	39.1	40.1	39.7	39.9	38.3	31.7	27.9	25.5	23.5	21.7	18.7	17.8	17.3	15.3	16.3	16.1	17.2	18.3	26.4	32.7	36.2	39.3	28.0	40.1	15.3
29	40.4	42.1	44.6	42.8	44.2	43.6	42.0	34.3	30.4	24.6	19.8	18.8	17.8	16.0	15.9	19.3	20.6	21.2	23.0	25.2	26.3	25.5	30.9	34.7	29.3	44.6	15.9
30	36.4	38.4	39.8	47.8	55.9	55.0	58.1	54.0	41.1	33.8	30.6	31.0	29.2	28.3	27.6	28.2	28.3	26.8	46.4	64.6	64.4	65.9	61.3	59.2	43.8	65.9	26.8
31	66.2	63.6	67.1	70.5	70.5	74.0	74.8	63.4	57.6	51.4	46.4	42.5	37.2	33.8	30.8	29.1	29.8	34.2	37.7	44.2	48.4	51.2	54.9	58.2	51.6	74.8	29.1
Avg	45.7	46.5	47.3	48.4	50.0	52.5	52.4	46.4	40.1	36.0	32.2	28.9	26.7	24.0	22.5	22.5	23.4	25.7	28.2	33.5	37.5	39.3	42.2	45.1	37.4	55.1	21.9
Max	66.2	63.6	67.1	70.5	70.5	75.6	74.8	66.6	57.7	54.0	50.2	42.5	38.6	37.2	35.2	33.8	38.2	36.7	46.4	64.6	64.4	65.9	61.3	59.2	51.6	75.6	33.8
Min	29.9	27.8	29.3	31.2	31.0	32.4	32.7	27.5	24.7	24.3	19.8	15.9	13.3	9.2	9.7	8.6	10.9	14.2	14.8	17.0	19.1	25.5	28.2	28.0	27.6	34.4	8.6

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Relative Humidity (% RH)
September 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	56.7	58.9	61.1	63.7	66.3	66.8	65.5	54.0	48.2	43.9	39.5	36.0	32.0	28.3	27.1	24.8	24.6	26.8	28.4	32.7	34.5	38.4	40.0	43.0	43.4	66.8	24.6
2	42.0	42.8	44.9	47.1	48.6	49.9	50.3	41.2	37.6	32.8	28.3	25.4	20.6	18.0	20.3	20.7	19.3	19.1	22.4	25.8	15.1	26.2	26.0	31.2	31.5	50.3	15.1
3	41.7	51.2	55.1	53.2	51.9	56.4	58.2	54.2	47.7	36.0	24.1	24.8	25.1	23.0	20.0	18.5	19.1	20.8	24.6	30.2	34.4	38.6	42.6	46.2	37.4	58.2	18.5
4	48.5	51.5	54.2	57.4	56.2	56.9	56.6	43.7	39.9	37.2	32.2	28.3	22.6	20.0	18.3	17.4	16.4	15.1	13.1	16.9	18.6	18.3	20.8	25.8	32.7	57.4	13.1
5	26.3	24.9	28.7	38.5	42.2	43.3	42.4	32.8	30.6	28.8	26.6	24.0	21.1	15.9	11.8	11.8	10.5	11.1	12.3	15.9	20.1	23.8	22.5	22.5	24.5	43.3	10.5
6	24.2	21.8	24.7	26.0	31.9	32.3	33.8	26.7	22.8	22.6	20.0	18.0	17.2	15.2	14.3	14.1	14.1	14.4	17.2	23.7	25.8	27.4	24.3	22.6	22.3	33.8	14.1
7	24.0	25.6	26.6	27.2	28.6	28.7	28.6	25.5	20.1	16.9	14.3	10.7	8.9	11.7	12.2	11.4	11.8	11.4	12.7	15.2	17.6	17.1	17.7	21.3	18.6	28.7	8.9
8	23.7	26.8	27.0	25.7	25.3	23.8	24.0	22.6	19.5	14.6	11.0	9.7	7.7	7.1	6.8	8.6	10.3	9.3	10.4	14.3	17.6	19.5	20.1	21.9	17.0	27.0	6.8
9	24.2	25.4	26.2	28.4	31.9	32.2	38.3	35.3	30.2	28.6	28.6	24.7	20.2	18.6	18.4	19.5	21.0	22.7	27.5	32.1	35.3	39.3	41.0	41.2	28.8	41.2	18.4
10	40.1	40.9	42.5	44.6	45.6	50.1	50.5	40.7	40.3	37.1	33.7	30.3	24.6	23.1	22.1	21.7	21.9	23.8	28.9	31.2	34.4	37.1	35.0	34.6	34.8	50.5	21.7
11	32.9	33.9	35.7	38.5	40.3	41.1	42.3	29.6	27.6	28.5	26.6	21.4	17.1	15.1	14.5	14.6	15.4	15.3	17.3	20.7	22.9	24.3	24.4	26.3	26.1	42.3	14.5
12	28.0	29.1	30.4	33.4	34.8	37.0	36.9	32.7	27.8	25.2	24.1	17.7	15.6	15.5	15.2	15.1	15.4	15.8	17.0	21.9	25.3	27.9	29.9	29.5	25.0	37.0	15.1
13	30.8	31.6	31.8	30.2	31.1	30.6	30.7	28.5	26.1	21.5	17.8	15.7	14.2	13.1	12.2	11.6	12.1	14.3	17.9	24.6	27.2	30.1	29.3	29.7	23.4	31.8	11.6
14	29.7	29.4	30.1	29.6	29.9	30.5	31.0	29.1	24.7	20.0	17.5	15.6	14.2	13.6	13.2	11.7	11.8	12.1	14.2	18.2	19.8	21.4	21.3	23.7	21.3	31.0	11.7
15	23.7	25.9	27.1	27.9	28.2	30.1	31.4	29.2	23.0	19.7	16.0	14.1	12.9	11.8	13.1	14.6	14.7	17.4	21.8	23.2	27.5	29.9	30.3	32.4	22.7	32.4	11.8
16	31.9	34.0	38.1	38.3	39.9	41.2	43.1	47.0	43.0	39.8	32.9	25.4	21.0	22.6	24.9	29.7	30.3	29.4	29.9	31.5	30.3	33.9	36.4	37.8	33.8	47.0	21.0
17	34.4	33.3	35.5	34.9	31.1	27.5	23.5	21.4	21.3	19.9	19.0	16.4	13.3	14.4	18.0	20.7	22.1	19.8	20.7	20.4	25.3	27.8	28.0	26.3	24.0	35.5	13.3
18	27.6	30.2	24.8	25.1	25.4	34.0	30.2	29.9	29.4	27.5	24.7	21.9	21.9	23.2	21.3	24.5	21.6	21.1	23.0	29.3	36.2	40.7	44.0	49.1	28.6	49.1	21.1
19	53.3	57.8	62.5	62.5	66.6	73.5	74.5	63.6	54.7	50.4	45.5	40.4	37.6	35.0	32.9	30.1	26.7	27.5	33.6	39.0	41.1	44.6	44.3	46.8	47.7	74.5	26.7
20	50.0	52.0	54.8	55.0	55.2	55.0	55.0	49.7	41.3	34.5	31.2	29.2	29.3	28.7	27.6	27.7	27.1	26.1	30.4	35.8	39.5	41.9	43.1	46.5	40.3	55.2	26.1
21	45.4	47.2	49.2	48.8	51.1	52.1	51.1	48.5	35.7	30.8	26.3	25.8	27.2	26.9	27.7	29.8	28.6	31.5	35.4	40.8	41.9	53.3	53.9	66.2	40.6	66.2	25.8
22	64.2	69.7	76.3	80.1	79.9	80.1	85.4	87.3	74.1	67.7	54.5	45.8	44.0	46.0	41.8	41.1	41.5	41.2	47.3	51.5	52.1	51.0	75.5	73.5	61.3	87.3	41.1
23	74.8	80.0	80.0	85.7	82.9	83.4	87.3	84.2	76.1	64.4	55.9	58.1	47.1	34.9	41.7	43.4	41.8	38.4	42.0	49.2	54.7	58.7	59.5	43.7	61.2	87.3	34.9
24	32.5	29.2	28.4	29.8	29.8	30.5	32.4	31.5	28.8	25.5	22.1	19.1	15.2	9.9	9.0	12.3	14.7	4.8	6.6	9.2	11.9	13.1	15.7	35.0	20.7	35.0	4.8
25	51.0	52.9	56.9	60.8	62.3	64.3	68.1	62.6	51.7	45.1	39.8	38.5	34.7	32.3	28.4	29.0	34.6	45.4	44.3	36.3	32.7	34.7	36.3	44.3	45.3	68.1	28.4
26	48.1	50.6	54.2	56.3	60.3	63.9	65.6	64.4	54.0	49.0	41.7	37.3	34.5	32.0	31.0	29.8	29.8	33.3	35.5	38.2	38.2	40.2	42.6	46.4	44.9	65.6	29.8
27	49.1	50.9	55.9	67.7	76.9	76.3	73.7	70.6	67.5	63.5	59.2	57.5	64.3	65.5	59.1	54.6	48.9	49.7	50.9	50.4	72.4	88.0	80.6	72.1	63.6	88.0	48.9
28	69.5	75.2	80.0	82.8	78.6	81.8	91.2	92.8	90.7	87.7	82.1	77.6	72.5	68.1	64.7	66.2	64.5	64.7	73.9	72.6	77.3	88.6	90.7	91.8	78.6	92.8	64.5
29	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6	97.2	96.4	94.4	91.5	92.0	95.1	96.8	95.6	94.2	93.5	97.2	97.6	100.0	91.5
30	100.0	100.0	100.0	100.0	99.1	75.2	74.5	66.8	65.0	62.0	53.0	49.8	47.8	45.6	43.1	37.3	37.5	41.4	51.9	51.9	53.9	57.9	62.5	59.4	64.0	100.0	37.3
Avg	44.2	46.1	48.1	50.0	51.1	51.6	52.5	48.2	43.3	39.4	34.9	32.0	29.5	27.7	26.9	26.9	26.7	27.2	30.2	33.3	36.0	39.6	41.1	42.9	38.7	56.1	24.4
Max	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6	97.2	96.4	94.4	91.5	92.0	95.1	96.8	95.6	94.2	93.5	97.2	97.6	100.0	91.5
Min	23.7	21.8	24.7	25.1	25.3	23.8	23.5	21.4	19.5	14.6	11.0	9.7	7.7	7.1	6.8	8.6	10.3	4.8	6.6	9.2	11.9	13.1	15.7	21.3	17.0	27.0	4.8

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Barometric Pressure (InHg)
August 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1																		Ca	Ca	Ca	Ca	26.51	26.53	26.54	26.53	26.54	26.51
2	26.56	26.56	26.56	26.56	26.57	26.56	26.57	26.57	26.57	26.57	26.57	26.56	26.54	26.53	26.50	26.49	26.48	26.46	26.45	26.45	26.45	26.48	26.49	26.49	26.52	26.57	26.45
3	26.50	26.51	26.51	26.51	26.52	26.52	26.52	26.53	26.53	26.53	26.53	26.52	26.50	26.49	26.47	26.44	26.42	26.42	26.42	26.44	26.44	26.46	26.47	26.47	26.49	26.53	26.42
4	26.46	26.46	26.47	26.48	26.48	26.48	26.49	26.50	26.50	26.50	26.50	26.49	26.47	26.46	26.44	26.43	26.42	26.42	26.42	26.44	26.46	26.46	26.47	26.48	26.47	26.50	26.42
5	26.48	26.49	26.48	26.49	26.49	26.50	26.51	26.52	26.52	26.52	26.51	26.51	26.50	26.48	26.46	26.45	26.44	26.43	26.44	26.44	26.44	26.46	26.47	26.49	26.48	26.52	26.43
6	26.51	26.52	26.53	26.53	26.54	26.55	26.55	26.56	26.57	26.57	26.56	26.56	26.54	26.53	26.50	26.48	26.47	26.47	26.46	26.47	26.48	26.51	26.52	26.54	26.52	26.57	26.46
7	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
8	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
9	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
10	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
11	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
12	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
13	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
14	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
15	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
16	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
17	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
18	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
19	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Au	Au	Au	Au	Au	26.30	26.28	26.28	26.30	26.31	26.30	26.33	26.30	26.33	26.28
20	26.34	26.34	26.34	26.34	26.35	26.36	26.39	26.40	26.39	26.39	26.39	26.39	26.37	26.36	26.35	26.33	26.32	26.32	26.32	26.34	26.36	26.38	26.40	26.41	26.36	26.41	26.32
21	26.43	26.44	26.45	26.45	26.46	26.47	26.49	26.50	26.50	26.50	26.50	26.48	26.47	26.46	26.44	26.42	26.40	26.40	26.40	26.40	26.41	26.41	26.41	26.41	26.45	26.50	26.40
22	26.41	26.42	26.43	26.43	26.43	26.43	26.44	26.45	26.45	26.45	26.44	26.43	26.42	26.41	26.40	26.39	26.39	26.41	26.42	26.44	26.48	26.50	26.52	26.52	26.44	26.52	26.39
23	26.53	26.53	26.53	26.53	26.53	26.54	26.55	26.56	26.57	26.57	26.57	26.57	26.56	26.54	26.54	26.53	26.52	26.51	26.52	26.52	26.53	26.54	26.54	26.54	26.54	26.57	26.51
24	26.54	26.54	26.53	26.53	26.53	26.52	26.52	26.53	26.53	26.52	26.51	26.50	26.48	26.46	26.44	26.41	26.40	26.38	26.38	26.40	26.44	26.44	26.44	26.44	26.48	26.54	26.38
25	26.46	26.46	26.45	26.46	26.45	26.47	26.49	26.50	Co	26.51	26.51	26.51	26.51	26.50	26.49	26.48	26.48	26.49	26.49	26.50	26.52	26.53	26.54	26.56	26.49	26.56	26.45
26	26.57	26.57	26.57	26.58	26.58	26.59	26.61	26.62	26.62	26.63	26.63	26.62	26.61	26.60	26.58	26.57	26.55	26.55	26.54	26.55	26.56	26.57	26.58	26.58	26.58	26.63	26.54
27	26.58	26.58	26.59	26.60	26.60	26.61	26.63	26.64	26.64	26.64	26.63	26.62	26.60	26.58	26.56	26.55	26.55	26.54	26.53	26.53	26.54	26.55	26.55	26.55	26.58	26.64	26.53
28	26.55	26.55	26.56	26.56	26.57	26.58	26.59	26.59	26.59	26.59	26.59	26.58	26.55	26.54	26.51	26.49	26.47	26.46	26.45	26.45	26.47	26.48	26.50	26.50	26.53	26.59	26.45
29	26.51	26.51	26.51	26.52	26.52	26.51	26.51	26.51	26.51	26.50	26.49	26.47	26.44	26.41	26.39	26.38	26.36	26.35	26.34	26.33	26.33	26.34	26.36	26.38	26.44	26.52	26.33
30	26.39	26.39	26.40	26.41	26.41	26.42	26.44	26.44	26.44	26.44	26.45	26.43	26.42	26.40	26.39	26.38	26.37	26.35	26.39	26.43	26.46	26.47	26.46	26.47	26.42	26.47	26.35
31	26.48	26.48	26.49	26.50	26.50	26.51	26.53	26.54	26.55	26.55	26.55	26.54	26.52	26.51	26.49	26.48	26.46	26.46	26.46	26.46	26.48	26.50	26.51	26.52	26.50	26.55	26.46
Avg	26.49	26.49	26.49	26.50	26.50	26.51	26.52	26.53	26.53	26.53	26.53	26.52	26.50	26.49	26.47	26.45	26.44	26.43	26.43	26.44	26.45	26.47	26.48	26.49	26.48	26.53	26.43
Max	26.58	26.58	26.59	26.60	26.60	26.61	26.63	26.64	26.64	26.64	26.63	26.62	26.61	26.60	26.58	26.57	26.55	26.55	26.54	26.55	26.56	26.57	26.58	26.58	26.58	26.64	26.54
Min	26.34	26.34	26.34	26.34	26.35	26.36	26.39	26.40	26.39	26.39	26.39	26.39	26.37	26.36	26.35	26.33	26.32	26.30	26.28	26.28	26.30	26.31	26.30	26.33	26.30	26.33	26.28

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Barometric Pressure (InHg)
September 2014

Day	<< Hour >>																								Avg	Max	Min
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	26.53	26.54	26.55	26.56	26.56	26.57	26.58	26.59	26.60	26.60	26.60	26.58	26.56	26.55	26.53	26.52	26.51	26.49	26.49	26.49	26.50	26.50	26.50	26.50	26.54	26.60	26.49
2	26.49	26.48	26.48	26.48	26.47	26.47	26.47	26.47	26.46	26.45	26.43	26.41	26.38	26.34	26.31	26.29	26.26	26.24	26.23	26.22	26.23	26.24	26.26	26.29	26.37	26.49	26.22
3	26.32	26.35	26.38	26.40	26.41	26.43	26.45	26.46	26.47	26.49	26.50	26.50	26.50	26.49	26.48	26.47	26.47	26.46	26.47	26.48	26.50	26.52	26.53	26.54	26.46	26.54	26.32
4	26.55	26.55	26.56	26.56	26.56	26.57	26.58	26.59	Co	26.60	26.60	26.59	26.58	26.56	26.55	26.54	26.53	26.53	26.53	26.54	26.55	26.56	26.56	26.57	26.56	26.60	26.53
5	26.58	26.59	26.59	26.60	26.60	26.61	26.62	26.64	26.64	26.64	26.64	26.64	26.63	26.62	26.60	26.59	26.58	26.58	26.57	26.58	26.60	26.61	26.61	26.61	26.61	26.64	26.57
6	26.61	26.62	26.62	26.62	26.62	26.62	26.62	26.63	26.63	26.63	26.62	26.61	26.59	26.57	26.55	26.53	26.51	26.50	26.48	26.48	26.49	26.50	26.49	26.49	26.57	26.63	26.48
7	26.48	26.48	26.48	26.48	26.47	26.47	26.47	26.48	26.47	26.47	26.46	26.45	26.43	26.41	26.39	26.37	26.36	26.34	26.33	26.34	26.35	26.36	26.38	26.39	26.42	26.48	26.33
8	26.39	26.40	26.40	26.40	26.39	26.39	26.39	26.41	26.41	26.40	26.40	26.39	26.37	26.35	26.32	26.30	26.29	26.28	26.27	26.28	26.31	26.33	26.35	26.36	26.36	26.41	26.27
9	26.37	26.39	26.39	26.40	26.42	26.43	26.45	26.47	26.48	26.48	26.48	26.48	26.47	26.46	26.45	26.44	26.44	26.45	26.46	26.48	26.51	26.53	26.54	26.56	26.46	26.56	26.37
10	26.56	26.56	26.58	26.58	26.59	26.60	26.61	26.62	26.62	26.63	26.62	26.61	26.59	26.57	26.56	26.55	26.54	26.53	26.54	26.56	26.59	26.61	26.62	26.64	26.59	26.64	26.53
11	26.65	26.66	26.68	26.69	26.70	26.71	26.72	26.74	26.75	26.76	26.76	26.75	26.73	26.72	26.70	26.69	26.68	26.67	26.67	26.67	26.68	26.69	26.69	26.69	26.70	26.76	26.65
12	26.69	26.69	26.69	26.69	26.69	26.69	26.69	26.69	26.69	26.69	26.67	26.65	26.62	26.60	26.57	26.55	26.53	26.52	26.51	26.51	26.52	26.52	26.52	26.52	26.61	26.69	26.51
13	26.52	26.53	26.52	26.52	26.52	26.52	26.52	26.52	26.53	26.53	26.53	26.51	26.49	26.48	26.46	26.44	26.42	26.41	26.41	26.41	26.42	26.42	26.43	26.44	26.48	26.53	26.41
14	26.45	26.45	26.46	26.46	26.46	26.47	26.48	26.49	Co	26.51	26.50	26.50	26.48	26.47	26.46	26.45	26.44	26.44	26.44	26.45	26.46	26.46	26.47	26.49	26.47	26.51	26.44
15	26.50	26.50	26.51	26.51	26.52	26.52	26.53	26.54	26.54	26.54	26.55	26.53	26.51	26.49	26.47	26.46	26.45	26.44	26.44	26.47	26.47	26.47	26.46	26.48	26.50	26.55	26.44
16	26.47	26.47	26.47	26.47	26.47	26.48	26.49	26.49	26.49	26.49	26.48	26.47	26.45	26.42	26.40	26.39	26.37	26.36	26.35	26.35	26.36	26.36	26.36	26.36	26.43	26.49	26.35
17	26.36	26.36	26.36	26.36	26.37	26.37	26.37	26.38	26.38	26.39	26.39	26.38	26.36	26.34	26.31	26.30	26.28	26.26	26.26	26.26	26.26	26.25	26.25	26.26	26.33	26.39	26.25
18	26.27	26.28	26.28	26.28	26.28	26.30	26.31	26.33	26.35	26.36	26.35	26.34	26.33	26.32	26.31	26.31	26.29	26.30	26.31	26.34	26.38	26.40	26.43	26.45	26.33	26.45	26.27
19	26.46	26.48	26.50	26.52	26.53	26.54	26.56	26.58	26.58	26.59	26.59	26.58	26.57	26.55	26.54	26.52	26.52	26.52	26.52	26.54	26.55	26.57	26.58	26.59	26.54	26.59	26.46
20	26.59	26.60	26.60	26.59	26.59	26.60	26.62	26.63	26.63	26.64	26.63	26.62	26.60	26.59	26.57	26.55	26.54	26.53	26.52	26.53	26.53	26.54	26.54	26.54	26.58	26.64	26.52
21	26.54	26.54	26.54	26.53	26.53	26.53	26.53	26.55	26.54	26.54	26.53	26.52	26.51	26.50	26.50	26.49	26.49	26.48	26.49	26.49	26.50	26.51	26.51	26.52	26.52	26.55	26.48
22	26.52	26.53	26.53	26.53	26.54	26.55	26.55	26.56	26.56	26.57	26.56	26.55	26.54	26.53	26.52	26.51	26.49	26.48	26.48	26.49	26.49	26.51	26.55	26.53	26.53	26.57	26.48
23	26.53	26.53	26.52	26.51	26.51	26.51	26.51	26.52	26.53	26.53	26.52	26.52	26.51	26.49	26.47	26.45	26.44	26.43	26.42	26.43	26.43	26.43	26.44	26.43	26.48	26.53	26.42
24	26.42	26.43	26.43	26.43	26.44	26.44	26.45	26.46	Co	26.47	26.47	26.46	26.43	26.40	26.37	26.35	26.33	26.31	26.32	26.32	26.33	26.33	26.33	26.35	26.39	26.47	26.31
25	26.38	26.39	26.38	26.38	26.38	26.39	26.39	26.41	26.42	26.42	26.42	26.42	26.41	26.40	26.39	26.38	26.39	26.40	26.41	26.41	26.42	26.42	26.42	26.45	26.40	26.45	26.38
26	26.46	26.46	26.47	26.49	26.50	26.50	26.51	26.53	26.54	26.54	26.54	26.53	26.52	26.51	26.50	26.49	26.49	26.47	26.46	26.46	26.46	26.45	26.44	26.45	26.49	26.54	26.44
27	26.45	26.45	26.43	26.44	26.43	26.42	26.42	26.41	26.41	26.41	26.39	26.40	26.40	26.39	26.38	26.37	26.37	26.37	26.37	26.37	26.41	26.40	26.40	26.39	26.40	26.45	26.37
28	26.40	26.40	26.41	26.40	26.40	26.41	26.41	26.43	26.44	26.45	26.46	26.45	26.45	26.44	26.42	26.41	26.40	26.41	26.41	26.41	26.42	26.42	26.43	26.43	26.42	26.46	26.40
29	26.42	26.41	26.40	26.40	26.40	26.40	26.41	26.43	26.44	26.45	26.46	26.47	26.47	26.47	26.47	26.46	26.45	26.45	26.44	26.44	26.44	26.43	26.44	26.44	26.44	26.47	26.40
30	26.44	26.44	26.44	26.44	26.44	26.45	26.46	26.48	26.50	26.52	26.52	26.52	26.51	26.50	26.49	26.48	26.48	26.48	26.50	26.52	26.54	26.55	26.55	26.56	26.49	26.56	26.44
Avg	26.48	26.49	26.49	26.49	26.49	26.50	26.51	26.52	26.52	26.53	26.52	26.51	26.50	26.48	26.47	26.46	26.44	26.44	26.44	26.44	26.46	26.46	26.47	26.48	26.48	26.54	26.42
Max	26.69	26.69	26.69	26.69	26.70	26.71	26.72	26.74	26.75	26.76	26.76	26.75	26.73	26.72	26.70	26.69	26.68	26.67	26.67	26.67	26.68	26.69	26.69	26.69	26.70	26.76	26.65
Min	26.27	26.28	26.28	26.28	26.28	26.30	26.31	26.33	26.35	26.36	26.35	26.34	26.33	26.32	26.31	26.29	26.26	26.24	26.23	26.22	26.23	26.24	26.25	26.26	26.33	26.39	26.22

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Solar Radiation (watts m^2)
August 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1																		Ca	Ca	Ca	Ca	0	0	0	0	0	0
2	0	0	0	0	0	1	33	177	350	473	675	791	882	924	603	204	190	121	107	35	1	0	0	0	232	924	0
3	0	0	0	0	0	2	57	219	438	572	733	797	689	599	658	669	479	263	179	24	1	0	0	0	266	797	0
4	0	0	0	0	0	2	25	68	254	525	508	782	754	712	764	480	612	412	262	30	1	0	0	0	258	782	0
5	0	0	0	0	0	3	79	239	379	702	694	550	668	780	734	687	294	215	122	37	2	0	0	0	258	780	0
6	0	0	0	0	0	2	46	139	276	276	253	568	473	809	781	664	457	217	132	43	4	0	0	0	214	809	0
7	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
8	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
9	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
10	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
11	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
12	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
13	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
14	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
15	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
16	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
17	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
18	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw			
19	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Au	Au	Au	Au	Au	98	97	33	0	0	0	0	33	98	0
20	0	0	0	0	0	0	25	110	298	470	657	559	558	559	820	619	392	165	73	24	0	0	0	0	222	820	0
21	0	0	0	0	0	0	46	208	400	577	666	826	887	766	742	691	437	298	105	16	0	0	0	0	278	887	0
22	0	0	0	0	0	0	47	173	377	582	718	789	619	572	671	606	421	388	201	21	0	0	0	0	258	789	0
23	0	0	0	0	0	0	37	196	378	553	726	834	796	797	769	643	398	242	120	17	0	0	0	0	271	834	0
24	0	0	0	0	0	0	22	131	289	573	658	792	422	389	714	679	493	317	150	5	0	0	0	0	235	792	0
25	0	0	0	0	0	0	13	89	380	325	754	655	792	786	808	710	561	364	151	9	0	0	0	0	267	808	0
26	0	0	0	0	0	0	34	189	370	545	693	801	861	878	821	705	552	376	170	7	0	0	0	0	292	878	0
27	0	0	0	0	0	0	33	189	371	547	694	802	854	854	799	687	539	357	155	7	0	0	0	0	287	854	0
28	0	0	0	0	0	0	31	178	342	503	601	703	687	660	723	649	474	204	90	14	0	0	0	0	244	723	0
29	0	0	0	0	0	0	28	179	363	538	687	794	850	737	673	383	205	100	58	1	0	0	0	0	233	850	0
30	0	0	0	0	0	0	16	152	352	556	599	546	557	586	423	282	156	109	39	6	0	0	0	0	182	599	0
31	0	0	0	0	0	0	27	185	361	660	757	649	657	847	808	617	533	343	132	5	0	0	0	0	274	847	0
Avg	0	0	0	0	0	1	35	166	352	528	651	720	706	721	724	587	423	255	130	19	1	0	0	0	246	730	0
Max	0	0	0	0	0	3	79	239	438	702	757	834	887	924	821	710	612	412	262	43	4	0	0	0	292	924	0
Min	0	0	0	0	0	0	13	68	254	276	253	546	422	389	423	204	156	98	39	1	0	0	0	0	0	0	0

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Solar Radiation (watts m^2)
September 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	25	177	359	533	682	788	839	839	781	675	526	344	128	5	0	0	0	0	279	839	0
2	0	0	0	0	0	0	24	180	364	540	688	791	841	838	776	669	523	338	119	6	0	0	0	0	279	841	0
3	0	0	0	0	0	0	23	176	363	549	700	800	846	840	786	675	523	339	117	4	0	0	0	0	281	846	0
4	0	0	0	0	0	0	22	173	358	533	685	791	845	842	787	676	522	334	114	4	0	0	0	0	279	845	0
5	0	0	0	0	0	0	20	168	354	530	682	789	841	840	788	676	527	338	110	3	0	0	0	0	278	841	0
6	0	0	0	0	0	0	19	166	353	529	678	782	831	826	767	654	501	311	96	3	0	0	0	0	272	831	0
7	0	0	0	0	0	0	17	160	341	514	665	770	819	816	760	632	491	303	91	3	0	0	0	0	266	819	0
8	0	0	0	0	0	0	16	122	319	467	595	740	799	807	744	463	267	233	79	2	0	0	0	0	236	807	0
9	0	0	0	0	0	0	13	153	344	514	659	760	809	805	748	634	479	294	79	2	0	0	0	0	262	809	0
10	0	0	0	0	0	0	14	148	329	501	649	751	799	793	737	626	473	287	73	2	0	0	0	0	258	799	0
11	0	0	0	0	0	0	13	153	341	518	671	778	829	826	765	650	494	304	75	2	0	0	0	0	267	829	0
12	0	0	0	0	0	0	12	150	338	514	658	752	807	796	713	595	452	264	63	1	0	0	0	0	255	807	0
13	0	0	0	0	0	0	12	131	193	460	626	727	777	773	719	614	452	265	61	1	0	0	0	0	242	777	0
14	0	0	0	0	0	0	9	119	294	464	618	720	774	774	713	595	431	244	54	1	0	0	0	0	242	774	0
15	0	0	0	0	0	0	9	102	248	294	551	712	774	735	641	590	469	118	8	0	0	0	0	0	219	774	0
16	0	0	0	0	0	0	2	31	117	294	581	685	747	597	284	318	295	86	20	0	0	0	0	0	169	747	0
17	0	0	0	0	0	0	7	41	105	202	261	613	642	722	592	526	331	123	19	0	0	0	0	0	174	722	0
18	0	0	0	0	0	0	2	54	113	351	538	826	448	248	168	254	317	210	36	0	0	0	0	0	149	826	0
19	0	0	0	0	0	0	7	113	286	452	595	690	734	728	668	557	408	231	31	0	0	0	0	0	229	734	0
20	0	0	0	0	0	0	6	113	287	455	597	692	737	730	669	556	402	224	28	0	0	0	0	0	229	737	0
21	0	0	0	0	0	0	5	118	359	475	605	492	597	711	466	212	417	222	27	0	0	0	0	0	196	711	0
22	0	0	0	0	0	0	4	51	273	338	592	704	624	484	522	354	282	205	16	0	0	0	0	0	185	704	0
23	0	0	0	0	0	0	3	95	200	439	430	246	572	423	486	269	160	80	15	0	0	0	0	0	142	572	0
24	0	0	0	0	0	0	4	88	253	437	583	681	735	726	642	524	377	182	13	0	0	0	0	0	219	735	0
25	0	0	0	0	0	0	4	92	259	423	570	668	713	527	633	467	258	63	8	0	0	0	0	0	195	713	0
26	0	0	0	0	0	0	3	94	272	442	586	694	676	532	388	235	134	48	8	0	0	0	0	0	171	694	0
27	0	0	0	0	0	0	1	26	63	102	183	178	173	400	277	389	232	33	6	0	0	0	0	0	86	400	0
28	0	0	0	0	0	0	0	9	29	61	123	233	316	420	381	317	159	67	9	0	0	0	0	0	89	420	0
29	0	0	0	0	0	0	0	13	45	57	48	96	134	128	96	112	185	54	10	0	0	0	0	0	41	185	0
30	0	0	0	0	0	0	2	79	331	338	592	473	438	314	347	549	349	159	7	0	0	0	0	0	166	592	0
Avg	0	0	0	0	0	0	10	110	263	411	556	647	684	661	595	502	381	210	51	1	0	0	0	0	212	724	0
Max	0	0	0	0	0	0	25	180	364	549	700	826	846	842	788	676	527	344	128	6	0	0	0	0	281	846	0
Min	0	0	0	0	0	0	0	9	29	57	48	96	134	128	96	112	134	33	6	0	0	0	0	0	41	185	0

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Precipitation (Inches)
August 2014

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1																		Ca	Ca	Ca	Ca	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
8	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
9	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
10	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
11	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
12	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
13	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
14	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
15	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
16	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
17	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
18	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw		
19	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Au	Au	Au	Au	Au	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000
Max	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Precipitation (Inches)
September 2014

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.010
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.180	0.050	0.000	0.000	0.240	0.180
28	0.000	0.000	0.000	0.000	0.000	0.010	0.030	0.040	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.040	0.030	0.170	0.040
29	0.070	0.010	0.010	0.020	0.090	0.080	0.050	0.010	0.000	0.000	0.000	0.010	0.010	0.020	0.030	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.420	0.090
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.070	0.010	0.010	0.020	0.090	0.100	0.080	0.050	0.010	0.000	0.000	0.010	0.010	0.020	0.030	0.010	0.000	0.000	0.000	0.000	0.180	0.060	0.050	0.030	0.840	0.000
Max	0.070	0.010	0.010	0.020	0.090	0.080	0.050	0.040	0.010	0.000	0.000	0.010	0.010	0.020	0.030	0.010	0.000	0.000	0.000	0.000	0.180	0.050	0.040	0.030	0.420	0.180

PART B: HOURLY METEOROLOGICAL DATA, FOURTH QUARTER 2014

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Speed (miles per hour)
October 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	14.4	12.0	11.6	10.8	5.4	4.8	5.4	6.9	8.5	5.6	5.0	4.5	4.5	7.4	7.2	7.2	6.3	5.5	6.1	11.0	13.5	11.9	13.4	14.1	8.5	14.4	4.5
2	12.7	13.5	13.0	13.6	15.1	16.5	14.0	12.7	12.6	11.8	9.9	6.0	6.8	7.9	7.0	6.2	3.3	4.1	4.6	6.9	3.5	0.9	2.8	1.6	8.6	16.5	0.9
3	3.4	2.3	2.3	2.6	1.4	2.0	2.3	1.0	3.1	5.7	5.1	6.3	4.0	7.5	8.3	9.3	7.5	4.8	6.5	1.8	1.6	1.2	1.9	1.3	3.9	9.3	1.0
4	2.3	2.6	2.6	3.4	5.3	11.0	5.3	8.4	6.9	8.8	8.0	7.3	4.1	2.3	3.1	4.4	6.5	4.6	7.9	5.6	1.2	2.5	1.7	2.1	4.9	11.0	1.2
5	3.2	4.6	9.0	13.8	11.2	11.7	12.4	12.3	12.2	12.2	10.3	8.1	4.6	3.0	3.8	4.2	2.9	5.8	5.4	3.2	1.3	2.9	1.3	3.0	6.8	13.8	1.3
6	2.2	1.1	3.0	2.9	5.9	9.0	11.8	14.0	11.9	10.9	8.8	7.8	4.8	3.4	5.9	8.0	7.4	7.9	3.7	3.1	2.6	1.5	0.9	2.5	5.9	14.0	0.9
7	2.1	2.3	1.9	5.4	7.7	8.5	10.3	11.4	10.6	9.4	8.7	8.0	5.6	4.9	4.5	6.8	6.8	7.9	4.7	2.8	5.7	5.0	3.1	2.3	6.1	11.4	1.9
8	2.6	1.8	3.8	2.6	2.4	2.9	4.9	3.3	6.6	9.0	7.1	3.0	3.6	5.9	5.6	4.5	4.7	4.7	3.1	2.2	4.4	3.6	4.3	3.3	4.2	9.0	1.8
9	2.6	2.4	1.8	1.5	1.7	1.4	1.5	3.0	1.9	3.3	8.6	10.7	9.8	10.9	12.1	7.4	8.2	6.8	4.8	2.2	1.3	2.1	2.1	3.0	4.6	12.1	1.3
10	1.6	2.4	2.9	8.0	7.9	7.5	8.7	10.5	10.8	10.7	10.0	6.4	4.5	7.2	5.1	3.9	6.5	3.9	2.8	2.7	2.1	2.6	4.9	4.0	5.7	10.8	1.6
11	7.5	7.5	9.5	11.2	11.1	11.0	10.7	8.7	12.3	7.2	6.8	18.7	12.5	11.7	11.7	13.7	18.9	15.2	8.7	15.8	14.4	19.2	15.2	9.0	12.0	19.2	6.8
12	6.6	3.5	7.6	6.7	3.2	3.9	3.4	7.7	6.3	6.5	7.8	5.7	5.0	4.9	4.8	5.3	3.4	4.0	3.2	2.5	2.0	4.8	6.7	9.1	5.2	9.1	2.0
13	4.1	6.6	12.8	12.7	2.6	3.1	2.1	3.8	6.0	6.6	5.7	4.0	4.4	8.8	13.7	10.5	8.8	5.4	7.1	2.4	1.5	11.2	13.5	13.6	7.1	13.7	1.5
14	11.0	7.4	5.7	3.2	9.1	8.4	3.3	3.6	5.4	5.6	4.0	6.2	5.9	5.6	6.1	9.5	4.2	4.4	5.0	4.4	2.4	6.7	4.8	7.3	5.8	11.0	2.4
15	7.7	8.4	11.8	9.0	8.1	8.8	8.4	12.7	25.2	26.1	16.9	15.8	22.8	24.7	18.9	8.7	9.4	11.5	7.5	9.4	8.4	6.3	6.8	8.7	12.6	26.1	6.3
16	5.0	5.6	4.7	5.8	7.5	6.9	8.1	3.5	1.8	3.0	6.2	4.7	7.7	8.1	8.8	8.7	7.2	7.8	7.2	2.3	2.3	2.2	1.6	1.9	5.4	8.8	1.6
17	2.2	2.4	2.1	1.8	2.8	3.3	4.4	4.8	5.3	7.2	5.5	6.2	6.6	8.9	8.2	7.7	6.2	4.8	3.3	2.7	2.2	1.9	1.8	5.9	4.5	8.9	1.8
18	11.2	5.6	10.5	12.8	10.8	12.0	12.8	13.4	12.2	13.2	10.1	9.1	5.7	4.8	5.4	4.0	4.3	8.9	4.9	4.3	1.5	2.2	2.8	5.8	7.8	13.4	1.5
19	5.4	2.1	4.5	2.3	2.3	1.7	1.7	1.6	1.4	5.2	4.7	5.4	5.3	5.1	7.0	9.3	5.7	5.5	3.6	2.5	2.4	6.0	10.5	10.4	4.7	10.5	1.4
20	11.7	11.7	12.8	7.7	7.7	4.5	8.2	14.2	10.7	11.4	9.0	9.1	9.8	8.3	8.3	6.5	4.5	5.5	3.0	6.2	28.3	25.5	24.4	23.1	11.3	28.3	3.0
21	13.2	7.3	7.1	6.5	7.8	6.3	10.6	10.7	13.5	18.4	20.2	17.0	18.1	13.6	12.6	10.4	11.9	11.1	12.6	13.5	8.0	9.3	8.4	10.1	11.6	20.2	6.3
22	10.2	11.2	9.1	8.5	10.7	9.8	11.3	11.6	11.9	13.4	13.2	11.6	13.5	14.4	15.1	12.7	9.6	8.0	3.9	4.2	10.5	14.4	8.6	12.7	10.8	15.1	3.9
23	14.9	12.9	9.1	9.6	13.1	15.6	9.2	9.7	11.5	19.1	20.8	17.7	20.1	20.0	18.1	15.1	8.0	5.6	5.9	7.1	4.8	4.3	4.7	5.0	11.7	20.8	4.3
24	6.6	5.8	6.2	3.3	2.3	3.0	3.7	3.7	4.3	4.0	6.3	6.8	4.7	4.2	3.3	5.4	4.6	5.5	5.8	3.2	1.5	1.3	1.9	1.4	4.1	6.8	1.3
25	2.0	2.2	3.1	4.2	8.8	7.2	9.4	10.7	10.0	5.0	2.0	3.1	3.4	12.6	14.4	27.4	29.2	22.8	14.4	13.3	18.7	25.5	27.4	25.1	12.6	29.2	2.0
26	25.2	15.7	15.0	18.6	10.8	4.9	10.8	11.8	6.1	6.9	15.7	13.5	13.2	16.6	15.7	9.7	10.7	6.5	5.1	4.6	4.0	5.8	11.9	14.5	11.4	25.2	4.0
27	12.3	13.8	14.3	11.3	12.7	11.7	5.1	5.7	7.1	7.4	7.8	5.4	4.2	4.1	4.3	3.0	10.5	7.9	4.5	5.6	4.2	1.8	1.7	1.3	7.0	14.3	1.3
28	2.4	2.0	2.8	2.2	2.0	4.7	3.0	1.9	2.4	4.8	5.0	4.8	4.6	5.8	5.0	3.1	7.6	7.2	3.0	1.7	5.1	5.9	2.6	2.4	3.8	7.6	1.7
29	2.3	2.2	2.2	2.3	2.2	2.8	7.8	9.6	3.1	2.9	9.8	6.0	6.8	4.8	7.3	8.5	7.5	2.6	1.8	3.6	3.7	3.6	2.6	4.1	4.6	9.8	1.8
30	3.7	3.6	2.8	2.2	1.3	2.3	2.4	1.8	2.2	3.9	5.5	5.1	6.2	6.9	9.6	8.9	8.1	5.8	3.3	1.6	1.7	1.1	1.5	2.8	3.9	9.6	1.1
31	2.3	3.2	3.2	3.0	10.2	16.0	14.4	14.1	13.4	13.0	11.5	9.2	5.9	8.0	8.1	6.0	6.7	2.8	4.2	3.8	4.6	4.4	5.7	6.2	7.5	16.0	2.3
Avg	6.9	6.0	6.7	6.8	6.8	7.2	7.3	8.0	8.3	9.0	8.9	8.2	7.7	8.5	8.7	8.3	8.0	6.9	5.4	5.0	5.5	6.4	6.5	7.0	7.2	14.4	2.4
Max	25.2	15.7	15.0	18.6	15.1	16.5	14.4	14.2	25.2	26.1	20.8	18.7	22.8	24.7	18.9	27.4	29.2	22.8	14.4	15.8	28.3	25.5	27.4	25.1	12.6	29.2	6.8
Min	1.6	1.1	1.8	1.5	1.3	1.4	1.5	1.0	1.4	2.9	2.0	3.0	3.4	2.3	3.1	3.0	2.9	2.6	1.8	1.6	1.2	0.9	0.9	1.3	3.8	6.8	0.9

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Speed (miles per hour)
November 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	9.8	14.5	14.1	10.9	2.4	2.0	1.9	1.7	7.1	5.2	9.1	14.3	15.7	21.5	23.9	20.2	16.1	9.4	13.0	12.0	11.1	6.3	5.0	7.6	10.6	23.9	1.7
2	11.5	17.1	16.8	13.6	9.4	9.3	8.5	9.6	11.8	9.2	7.2	8.6	6.9	6.0	7.1	4.7	5.4	4.4	3.4	1.7	2.9	3.1	2.3	3.6	7.7	17.1	1.7
3	9.8	7.8	10.5	11.4	9.6	9.3	10.0	9.6	12.5	11.1	11.4	11.0	10.5	7.7	6.7	4.6	4.3	4.4	4.8	1.6	1.8	2.6	6.1	9.1	7.8	12.5	1.6
4	11.4	12.9	12.9	13.8	12.7	13.3	14.8	13.4	10.7	9.9	11.2	12.5	14.2	11.3	9.2	8.8	5.6	6.2	4.6	3.5	3.2	5.2	4.7	5.0	9.6	14.8	3.2
5	4.1	5.1	4.1	2.5	2.4	1.7	1.8	1.4	4.7	10.1	10.0	7.5	6.5	7.8	7.8	7.5	5.0	6.4	7.5	7.3	5.5	3.1	2.8	2.9	5.2	10.1	1.4
6	3.2	2.2	2.6	1.6	2.5	1.9	2.1	3.1	2.9	3.6	5.1	4.2	3.4	5.6	9.6	4.8	3.7	3.0	2.7	2.7	8.3	10.1	9.9	10.6	4.6	10.6	1.6
7	12.9	13.2	12.6	14.0	12.8	5.1	3.4	4.3	3.5	4.6	5.8	7.2	6.6	3.4	4.1	3.9	4.0	3.0	3.0	3.0	2.9	2.1	2.4	2.7	5.9	14.0	2.1
8	5.4	6.0	2.8	4.2	7.9	4.0	2.1	1.5	2.6	3.8	4.8	2.6	4.7	4.3	5.4	5.3	6.1	6.7	2.3	1.6	1.6	1.5	1.6	3.0	3.8	7.9	1.5
9	2.1	1.9	2.4	2.2	3.9	2.8	2.8	4.3	13.3	13.1	14.7	13.6	8.1	7.1	13.3	10.8	8.3	10.5	5.9	4.3	4.7	10.3	11.4	10.1	7.6	14.7	1.9
10	8.4	7.7	15.7	15.4	11.7	13.4	9.7	11.7	11.2	10.8	9.4	11.2	10.4	8.4	6.5	4.4	5.5	6.4	5.7	4.5	3.7	4.6	8.2	5.9	8.8	15.7	3.7
11	8.3	9.6	5.1	4.0	4.9	5.3	5.0	5.7	5.1	9.1	9.1	5.9	6.9	8.4	10.9	12.6	10.7	6.5	5.8	13.0	10.1	9.2	9.6	9.5	7.9	13.0	4.0
12	6.8	4.0	8.4	9.5	6.8	5.7	10.5	9.2	9.7	11.8	10.7	11.4	11.7	14.2	14.1	14.4	9.3	6.9	9.3	6.0	3.9	1.8	3.6	3.6	8.5	14.4	1.8
13	4.4	5.7	6.4	7.5	4.4	3.6	6.2	7.2	11.4	10.3	10.9	11.2	9.4	7.9	9.3	12.0	10.3	6.9	5.3	4.6	5.3	5.4	6.2	3.3	7.3	12.0	3.3
14	1.6	2.6	2.2	2.6	5.3	4.7	4.2	5.2	6.1	6.6	5.4	5.9	7.1	4.0	6.0	4.9	4.7	4.7	4.0	5.2	10.4	10.0	4.4	7.6	5.2	10.4	1.6
15	11.2	13.0	13.9	2.3	1.9	1.8	3.0	2.4	2.1	6.6	8.0	4.3	1.7	4.5	3.3	2.4	6.0	3.6	1.3	1.8	4.9	2.6	5.0	6.4	4.7	13.9	1.3
16	8.6	11.6	12.0	12.2	9.2	8.9	10.4	5.4	4.2	5.8	8.2	7.5	5.5	4.5	5.6	7.8	10.3	7.2	4.0	4.8	4.7	3.5	4.6	3.3	7.1	12.2	3.3
17	3.5	2.8	2.5	2.5	2.8	3.3	4.6	4.4	3.6	4.0	5.1	6.7	5.4	5.7	5.8	6.9	4.1	2.7	2.9	2.9	1.7	1.3	1.0	0.8	3.6	6.9	0.8
18	1.0	1.0	1.1	2.5	3.7	0.7	0.3	0.3	0.4	1.7	1.8	2.7	5.8	5.9	6.3	6.2	4.7	3.4	3.6	2.5	1.2	1.8	1.6	1.2	2.6	6.3	0.3
19	1.1	1.8	2.3	1.7	2.0	5.4	4.4	3.1	5.9	5.2	Au	Au	Au	Au	4.6	4.5	4.7	3.6	3.8	3.5	3.2	1.8	2.8	1.9	3.4	5.9	1.1
20	2.5	6.2	2.6	4.5	3.6	4.4	3.6	4.6	4.8	4.8	5.2	5.2	4.6	6.4	7.0	7.2	5.9	4.9	5.7	5.5	4.2	2.7	2.7	2.0	4.6	7.2	2.0
21	2.9	1.8	5.1	5.4	5.8	7.0	7.9	8.7	7.5	3.2	3.5	2.9	5.0	4.3	7.2	5.7	4.8	2.2	1.8	2.5	4.4	8.1	7.2	3.3	4.9	8.7	1.8
22	10.8	16.6	18.8	21.1	15.1	16.4	19.2	12.9	12.9	13.0	20.1	20.5	16.4	12.4	10.9	12.3	16.4	22.9	22.8	18.4	16.6	11.8	4.3	3.9	15.3	22.9	3.9
23	6.3	10.5	15.8	10.6	7.7	9.3	12.8	11.2	14.8	16.2	18.0	16.2	21.2	19.3	22.1	17.1	17.1	15.2	14.5	14.0	11.0	11.3	12.8	11.5	14.0	22.1	6.3
24	10.1	10.1	12.5	15.1	13.2	8.2	6.9	7.4	10.7	10.7	10.8	9.1	7.2	8.4	8.6	8.0	7.4	4.0	1.4	3.2	2.8	4.9	4.8	6.0	8.0	15.1	1.4
25	12.8	11.9	18.1	17.3	16.4	16.3	18.8	18.4	20.6	18.7	18.2	18.0	18.9	15.1	13.4	11.6	14.2	9.3	11.4	13.3	12.4	11.7	8.5	11.3	14.9	20.6	8.5
26	14.6	16.0	12.2	8.7	3.2	3.0	4.6	9.7	9.6	12.6	12.9	9.4	7.2	5.2	3.4	1.2	5.6	4.2	1.7	1.5	1.7	1.5	2.4	2.8	6.5	16.0	1.2
27	3.1	2.3	3.4	2.7	3.5	10.5	13.0	14.0	5.6	3.9	2.0	4.9	9.4	14.1	6.2	4.5	7.9	5.8	2.4	5.2	3.6	2.3	2.3	6.1	5.8	14.1	2.0
28	13.9	13.1	10.8	6.8	6.2	6.5	5.5	4.7	8.8	9.8	7.8	9.9	13.7	23.3	27.8	21.5	22.1	20.3	17.0	16.1	17.1	15.9	14.0	14.0	13.6	27.8	4.7
29	14.2	15.9	13.3	12.9	15.5	16.4	18.3	15.5	22.0	20.2	20.9	19.2	21.1	17.8	19.6	17.4	13.5	6.1	13.1	11.1	10.5	8.0	7.9	5.8	14.8	22.0	5.8
30	5.3	3.7	4.8	2.3	1.5	3.2	3.3	2.5	3.9	1.7	2.6	2.3	2.3	4.1	9.0	7.8	5.7	2.8	2.6	1.6	2.8	1.1	2.0	2.6	3.4	9.0	1.1
Avg	7.4	8.3	8.9	8.1	6.9	6.8	7.3	7.1	8.3	8.6	9.3	9.2	9.2	9.3	9.8	8.7	8.3	6.8	6.2	6.0	5.9	5.5	5.4	5.6	7.6	14.1	2.6
Max	14.6	17.1	18.8	21.1	16.4	16.4	19.2	18.4	22.0	20.2	20.9	20.5	21.2	23.3	27.8	21.5	22.1	22.9	22.8	18.4	17.1	15.9	14.0	14.0	15.3	27.8	8.5
Min	1.0	1.0	1.1	1.6	1.5	0.7	0.3	0.3	0.4	1.7	1.8	2.3	1.7	3.4	3.3	1.2	3.7	2.2	1.3	1.5	1.2	1.1	1.0	0.8	2.6	5.9	0.3

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Speed (miles per hour)
December 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	3.4	2.4	5.3	5.3	3.3	4.7	3.9	3.1	2.8	3.1	2.6	3.0	5.9	5.8	5.6	5.8	4.2	3.9	4.4	8.4	11.9	13.1	11.2	7.3	5.4	13.1	2.4
2	4.5	5.0	4.5	6.0	3.5	4.3	2.4	3.6	4.8	7.7	5.1	2.5	3.6	5.6	7.3	7.2	7.0	4.2	5.8	3.2	5.5	6.3	4.9	6.8	5.1	7.7	2.4
3	5.9	7.6	7.7	6.7	5.9	4.3	3.4	2.7	2.3	3.9	1.9	3.7	3.3	4.1	4.4	5.8	5.3	5.4	4.6	5.0	4.3	3.4	1.6	1.4	4.4	7.7	1.4
4	9.4	12.7	12.3	11.1	10.8	10.9	11.8	9.3	11.6	12.9	11.7	9.9	6.8	6.5	4.5	5.2	3.2	3.6	3.7	2.0	1.8	2.8	3.3	2.4	7.5	12.9	1.8
5	2.4	3.0	10.7	11.7	9.7	13.2	8.8	6.5	3.3	2.7	4.0	5.1	5.4	5.5	5.8	5.8	6.4	5.7	4.6	4.4	4.1	4.2	1.3	2.9	5.7	13.2	1.3
6	6.0	7.9	3.0	3.0	2.3	3.2	3.0	2.9	5.7	4.6	13.6	11.2	8.2	5.6	6.0	7.2	5.6	4.1	3.8	3.9	3.6	2.8	2.7	3.1	5.1	13.6	2.3
7	3.8	3.3	1.6	2.4	1.7	1.9	1.8	1.3	2.0	2.4	2.5	2.3	2.4	3.3	3.8	3.6	5.4	6.5	5.7	4.2	3.1	2.5	1.9	2.4	3.0	6.5	1.3
8	1.3	3.2	3.7	2.7	1.6	2.1	4.6	3.3	3.8	8.4	14.8	11.9	8.3	6.5	5.0	2.9	4.8	4.3	5.1	4.0	3.1	4.2	2.7	3.3	4.8	14.8	1.3
9	2.9	2.9	1.9	1.1	2.3	2.8	1.3	3.6	4.4	4.0	2.0	3.7	6.5	1.5	4.9	3.2	4.1	6.5	3.0	3.0	1.5	2.3	1.2	1.7	3.0	6.5	1.1
10	3.2	2.0	5.0	9.2	4.3	3.8	1.8	3.9	3.4	3.0	5.7	5.1	5.8	5.3	3.3	7.1	4.9	2.5	8.3	9.2	8.6	5.0	4.0	2.4	4.9	9.2	1.8
11	3.3	4.3	2.9	2.3	2.5	5.6	6.2	3.1	5.1	2.9	6.6	7.6	8.6	5.6	4.8	5.3	4.3	4.5	6.3	3.5	3.8	6.2	10.2	9.8	5.2	10.2	2.3
12	6.2	5.3	5.7	4.0	3.4	3.6	2.6	2.4	3.1	2.0	2.8	3.1	2.1	2.7	9.4	13.7	17.5	10.1	9.2	16.4	15.3	5.2	9.9	9.4	6.9	17.5	2.0
13	14.8	17.3	15.1	18.2	13.5	2.6	3.9	8.7	7.7	4.3	6.1	6.7	9.6	10.8	8.7	7.5	6.5	6.2	6.6	11.4	12.3	8.7	8.0	9.2	9.3	18.2	2.6
14	6.7	2.7	1.9	1.4	2.2	2.1	2.8	6.4	9.4	10.7	9.6	9.4	7.3	4.8	3.1	4.4	3.4	1.4	2.2	2.0	1.7	2.2	1.8	2.3	4.2	10.7	1.4
15	2.0	1.9	3.0	3.6	4.5	4.3	5.0	5.1	4.4	5.3	5.5	4.9	5.4	7.3	9.0	11.9	14.1	12.5	6.6	4.1	2.8	3.4	4.0	8.4	5.8	14.1	1.9
16	7.5	7.4	2.2	2.8	1.3	2.3	1.4	2.1	2.9	1.9	1.4	2.2	4.4	3.8	3.4	3.2	3.2	1.7	3.4	3.9	3.1	2.8	2.1	3.6	3.1	7.5	1.3
17	2.7	5.1	4.7	2.5	2.8	2.0	2.6	3.2	4.4	7.1	5.6	5.7	4.8	3.9	3.1	4.9	5.1	5.7	5.6	3.8	3.0	5.4	12.3	5.2	4.6	12.3	2.0
18	11.7	12.2	12.9	13.8	12.6	10.5	12.1	11.1	10.0	8.6	9.2	9.7	8.2	8.4	7.0	5.0	4.8	4.3	4.0	2.2	1.5	1.8	1.8	1.8	7.7	13.8	1.5
19	2.5	1.6	2.1	2.3	2.3	1.9	3.2	9.0	10.5	15.2	14.3	14.4	14.0	12.0	9.8	9.8	8.2	7.9	5.1	8.5	7.9	2.8	11.3	10.4	7.8	15.2	1.6
20	9.1	9.7	9.0	9.3	7.6	9.5	9.3	14.2	13.8	13.4	13.6	15.0	13.5	16.1	13.9	15.3	14.1	14.7	16.0	14.3	19.1	19.5	15.0	16.6	13.4	19.5	7.6
21	23.7	33.0	33.6	34.1	33.7	27.8	22.3	22.0	Pw	Pw	Pw	Pw	Pw	Pw	4.9	5.4	4.1	3.1	1.4	2.2	Pw	Pw	Pw	Pw	18.0	34.1	1.4
22	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	11.1	12.9	14.5	15.5	17.9	18.2	16.9	12.7	7.5	7.7	2.9	2.5	3.9	2.0	3.1	10.0	18.2	2.0
23	3.1	4.2	5.9	7.5	9.7	11.4	11.2	6.7	11.2	12.9	11.7	10.8	9.5	5.3	6.2	6.7	6.2	4.8	2.7	3.1	3.1	3.8	3.1	1.3	6.8	12.9	1.3
24	2.7	3.3	3.0	3.3	2.0	2.1	1.6	2.4	3.8	2.9	1.3	6.8	7.4	1.9	6.0	6.7	12.5	11.6	21.9	21.8	20.4	16.4	12.2	17.4	8.0	21.9	1.3
25	13.0	12.8	10.2	9.8	11.7	13.5	25.7	21.6	15.2	15.6	12.0	18.9	17.1	14.0	11.6	13.3	10.2	8.4	11.2	11.3	10.6	5.8	2.9	5.2	12.6	25.7	2.9
26	4.6	2.1	1.4	1.6	4.4	7.5	7.4	6.0	12.3	14.3	13.4	10.5	10.1	9.1	8.1	9.1	7.6	5.6	2.4	2.0	5.0	5.0	7.2	9.1	6.9	14.3	1.4
27	10.4	12.5	12.8	13.7	14.5	15.6	15.7	17.3	16.5	14.2	14.2	14.8	13.1	15.5	14.6	11.1	10.6	11.5	15.3	17.7	16.0	17.6	18.7	18.6	14.7	18.7	10.4
28	15.7	16.5	11.5	7.2	8.6	6.3	9.7	8.4	7.7	7.4	14.3	12.9	13.8	13.4	10.3	12.6	9.9	12.2	12.2	5.9	8.6	6.4	2.8	5.4	10.0	16.5	2.8
29	6.0	10.0	9.8	8.3	9.8	10.0	10.7	9.4	6.8	2.0	5.7	6.2	8.7	9.2	8.5	8.4	9.5	8.6	9.1	8.7	7.7	7.3	11.7	8.0	8.3	11.7	2.0
30	5.6	5.9	4.6	5.0	6.5	6.6	3.5	6.8	5.9	2.5	1.5	5.7	4.6	5.5	2.6	6.0	5.4	6.4	4.0	3.2	1.9	5.3	6.9	3.9	4.8	6.9	1.5
31	5.0	5.9	6.7	7.7	3.1	7.2	8.0	9.4	7.8	11.0	9.5	10.0	7.6	6.3	3.1	1.4	2.8	4.1	2.1	1.7	0.5	2.2	1.8	1.6	5.3	11.0	0.5
Avg	6.6	7.5	7.2	7.3	6.7	6.8	6.9	7.2	7.0	7.3	7.8	8.3	8.0	7.4	7.0	7.5	7.2	6.4	6.6	6.4	6.5	5.9	6.0	6.1	7.0	14.1	2.2
Max	23.7	33.0	33.6	34.1	33.7	27.8	25.7	22.0	16.5	15.6	14.8	18.9	17.1	17.9	18.2	16.9	17.5	14.7	21.9	21.8	20.4	19.5	18.7	18.6	18.0	34.1	10.4
Min	1.3	1.6	1.4	1.1	1.3	1.9	1.3	1.3	2.0	1.9	1.3	2.2	2.1	1.5	2.6	1.4	2.8	1.4	1.4	1.7	0.5	1.8	1.2	1.3	3.0	6.5	0.5

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Direction (degrees)
October 2014

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	321	322	316	311	358	204	215	218	208	274	12	97	98	189	231	244	241	236	214	245	247	230	210	206	243
2	214	216	217	219	217	218	221	210	203	193	194	182	20	36	47	67	33	81	352	334	197	188	16	3	206
3	350	305	225	325	21	337	3	194	192	200	203	208	197	40	56	17	36	15	313	226	296	217	262	252	288
4	254	339	207	203	203	219	217	227	212	203	201	209	211	157	34	9	41	353	324	348	351	223	313	200	241
5	215	219	221	219	220	216	218	213	210	212	205	203	190	66	95	115	87	134	209	189	165	345	334	354	197
6	247	228	207	212	207	217	221	219	212	210	206	200	197	73	26	47	93	108	281	301	332	295	337	353	233
7	295	217	218	201	207	213	219	214	214	216	217	211	208	200	92	101	95	117	305	211	210	199	254	338	210
8	359	271	218	198	354	280	208	202	206	206	204	34	59	25	58	54	34	47	257	197	198	60	35	357	330
9	47	20	19	175	213	276	197	300	174	114	13	20	352	350	331	320	318	333	334	292	27	21	48	32	352
10	358	189	169	209	216	223	218	218	212	211	207	212	221	323	354	31	355	37	282	212	244	238	200	207	229
11	213	234	223	217	220	225	219	218	217	201	197	260	250	260	268	266	300	7	348	324	314	318	310	302	257
12	306	82	271	331	199	235	210	265	265	312	332	322	328	13	63	98	23	26	330	218	203	196	203	211	284
13	217	211	221	218	179	31	339	203	199	195	206	40	320	103	108	103	86	79	311	183	188	215	212	209	188
14	221	214	210	312	216	219	17	200	3	39	22	10	12	8	358	336	38	6	21	15	213	214	215	196	324
15	214	214	239	239	210	205	210	208	239	264	217	186	228	228	212	230	241	228	235	244	257	273	220	261	229
16	183	215	215	210	212	214	205	210	201	37	14	29	4	9	12	39	23	358	328	4	14	352	355	350	343
17	1	17	20	14	4	10	28	21	35	31	25	15	358	1	13	12	347	335	7	341	271	225	211	204	2
18	216	224	225	224	224	225	218	217	213	211	199	206	198	172	189	154	193	24	339	318	231	219	210	204	214
19	204	227	205	211	260	214	310	206	71	46	39	23	26	15	359	9	101	317	282	279	203	212	221	222	266
20	224	224	223	233	214	191	217	216	211	214	209	192	178	175	150	328	334	303	216	212	274	284	281	280	229
21	282	256	209	215	239	231	286	283	270	259	256	253	249	261	255	252	244	246	242	256	213	213	214	222	246
22	219	223	223	223	221	215	218	214	210	197	194	189	173	170	163	167	168	207	207	204	208	193	201	203	201
23	203	198	195	208	195	207	203	198	178	178	191	174	179	195	206	258	215	238	206	223	239	241	250	190	207
24	210	203	215	247	335	28	15	32	19	355	357	354	355	69	85	6	16	353	360	43	19	352	310	177	4
25	152	232	181	192	212	212	209	213	220	261	181	37	269	216	224	205	209	211	203	201	235	237	234	233	215
26	235	232	236	254	255	249	234	233	201	224	205	214	242	259	263	285	283	271	202	206	202	223	269	270	239
27	265	262	263	261	270	277	214	203	213	209	200	191	187	192	125	206	113	79	360	318	325	7	327	299	243
28	4	3	23	351	335	213	211	219	183	184	204	197	38	13	21	210	123	124	309	31	356	33	292	283	329
29	226	267	229	70	355	338	217	242	34	154	210	277	11	7	13	354	346	348	347	9	34	38	19	15	347
30	11	19	347	358	25	14	12	1	11	34	35	15	3	357	6	353	333	4	24	306	248	287	225	5	358
31	298	5	2	235	218	223	219	216	215	217	217	219	198	196	213	232	336	331	4	25	17	21	328	5	268
Prev	252	244	228	234	235	234	229	222	211	213	212	218	253	24	43	355	19	2	302	273	254	254	266	263	245

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Direction (degrees)
November 2014

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	17	312	302	302	53	2	28	88	191	43	19	356	323	311	314	321	314	304	298	308	317	353	272	279	331
2	274	270	271	264	266	255	235	246	261	276	293	333	332	306	322	327	352	349	312	270	265	184	206	200	279
3	227	219	222	223	216	227	222	220	221	201	185	184	170	179	327	35	23	1	319	28	257	209	203	217	223
4	219	211	208	206	203	208	203	211	199	187	187	182	176	177	181	194	207	4	32	2	134	14	26	5	195
5	192	24	24	291	4	299	17	217	210	212	199	203	285	15	47	104	59	338	330	335	3	26	19	7	348
6	12	2	312	269	351	258	9	4	6	43	18	56	37	31	342	3	4	7	38	215	221	250	270	283	347
7	283	290	276	286	297	258	7	304	25	19	25	26	30	23	95	2	38	343	315	207	209	11	342	209	336
8	206	198	205	204	205	191	216	208	210	182	171	134	24	4	17	20	11	319	11	230	345	222	337	268	234
9	199	195	61	215	70	188	24	204	218	219	216	225	353	26	244	247	247	320	306	8	358	340	307	325	273
10	276	260	267	269	292	334	350	336	334	345	349	5	2	352	20	26	28	348	355	357	334	13	336	20	341
11	351	350	12	34	15	12	18	3	11	359	10	9	5	13	3	6	5	347	19	353	356	344	329	312	2
12	322	21	338	335	351	319	327	333	344	20	42	55	64	74	75	68	53	3	340	339	15	35	20	18	12
13	21	43	10	21	53	19	14	16	324	322	316	325	21	17	355	328	330	331	26	38	30	30	20	50	8
14	343	35	42	179	3	20	33	21	24	16	37	25	4	68	22	19	22	360	331	337	335	9	339	305	11
15	301	293	289	140	166	290	293	279	201	209	212	222	23	7	28	340	307	260	157	210	207	206	210	211	247
16	216	221	222	223	216	209	218	222	203	208	220	228	236	253	9	354	345	341	29	20	18	357	1	356	265
17	2	6	3	8	13	24	29	30	11	26	45	355	15	25	33	6	7	297	339	343	355	249	204	197	5
18	190	208	206	206	209	219	225	315	354	15	35	31	9	360	358	357	12	25	3	341	240	325	355	228	326
19	211	314	2	360	208	216	208	200	217	208	Au	Au	Au	Au	31	33	24	23	14	6	23	276	348	185	318
20	181	207	182	208	173	25	14	28	26	17	26	38	25	16	359	349	359	21	15	2	341	336	346	6	10
21	350	247	216	210	214	216	227	217	219	170	185	13	21	14	18	6	26	334	55	47	208	275	26	37	303
22	207	204	207	213	209	227	248	227	247	266	279	267	282	283	266	266	243	270	279	271	272	273	32	298	255
23	307	286	289	279	255	222	246	217	192	194	237	231	235	230	225	223	201	214	209	203	194	223	246	259	233
24	265	258	260	270	267	243	205	204	222	221	207	200	191	215	216	322	351	342	283	13	64	231	4	206	248
25	214	217	208	211	207	211	223	213	215	210	211	223	229	217	221	195	175	200	228	214	201	201	197	203	210
26	182	193	212	214	62	10	232	220	222	210	195	187	182	188	198	308	318	339	4	212	347	325	52	3	235
27	355	6	276	247	346	216	228	223	355	12	128	202	207	297	350	16	344	343	33	19	14	341	3	217	328
28	216	216	217	210	210	218	350	233	227	223	210	194	187	235	232	227	219	208	209	212	214	208	216	211	217
29	200	206	206	208	209	205	207	208	221	216	230	237	241	258	259	274	280	302	340	352	341	343	336	331	253
30	355	324	284	301	66	32	27	10	1	30	86	130	115	32	354	40	43	5	322	28	5	268	356	16	14
Prev	263	267	265	246	252	257	289	252	255	254	221	250	346	344	347	348	353	335	343	334	324	306	336	288	304

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Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	25	24	30	34	41	19	26	32	9	37	44	37	17	9	24	17	35	338	23	193	215	215	213	343	21
2	37	24	23	11	29	21	14	12	32	27	12	73	9	32	15	18	9	47	36	50	28	20	39	18	26
3	23	15	334	337	338	30	42	46	26	52	54	38	33	40	34	9	8	18	47	45	38	33	24	184	27
4	219	234	233	235	221	223	214	207	192	216	212	218	215	22	14	9	26	27	4	257	11	352	13	357	265
5	212	102	219	216	214	217	213	213	21	34	32	38	39	21	23	9	16	16	40	34	360	313	283	311	359
6	205	208	214	189	100	45	32	215	343	212	220	218	200	204	9	21	330	332	224	266	348	3	357	13	276
7	18	12	350	327	163	188	225	180	68	178	330	284	336	56	38	1	1	352	347	355	357	14	343	280	351
8	50	321	327	327	157	207	208	206	211	202	203	202	233	328	13	29	45	16	22	4	16	33	41	172	340
9	23	64	72	81	8	53	304	187	356	28	166	159	25	76	202	360	21	16	51	348	1	330	174	52	37
10	28	9	215	211	217	40	26	15	71	16	10	12	9	8	32	32	355	8	201	216	218	225	181	341	5
11	25	8	334	196	205	205	222	20	7	185	350	344	3	16	314	316	358	19	20	348	224	207	228	217	322
12	224	206	217	21	23	1	23	3	15	40	40	23	46	356	184	226	250	196	302	324	319	261	277	284	324
13	281	280	271	277	295	71	251	266	248	187	272	316	319	328	307	322	338	350	307	295	294	301	308	293	296
14	310	23	26	211	169	181	191	209	216	216	209	210	205	210	137	183	174	207	298	239	217	256	244	295	216
15	303	333	353	22	34	31	33	358	3	1	7	8	17	351	343	340	326	326	338	34	37	21	16	344	1
16	347	351	14	7	11	259	341	19	13	211	247	121	16	359	31	39	44	33	35	14	20	51	53	336	14
17	327	338	307	337	151	191	143	195	216	209	198	202	198	202	199	190	200	215	209	6	329	219	233	215	218
18	226	218	226	216	217	219	221	228	228	225	219	214	206	199	207	220	246	12	23	352	57	78	7	67	223
19	31	40	20	19	345	209	204	212	212	192	187	190	187	186	201	216	216	226	217	221	227	290	215	214	215
20	218	214	218	211	212	213	208	193	194	194	184	189	190	192	193	204	200	196	190	195	185	186	198	217	200
21	220	228	234	237	234	235	239	238	Pw	Pw	Pw	Pw	Pw	Pw	306	7	355	275	268	206	Pw	Pw	Pw	Pw	252
22	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	270	315	349	350	358	353	346	341	335	321	288	234	232	346	231	316
23	215	202	212	219	215	221	218	214	218	217	228	222	225	337	11	4	339	329	23	35	22	33	27	334	268
24	5	19	15	23	340	276	322	18	21	19	332	209	277	20	210	267	359	3	327	334	339	348	321	307	339
25	298	289	298	300	341	355	321	328	346	344	4	359	6	12	13	357	337	349	339	339	347	11	344	328	341
26	335	207	182	130	341	328	345	341	309	316	326	338	331	320	333	10	349	296	209	216	209	193	202	220	298
27	221	215	222	221	222	218	208	214	216	213	188	183	182	183	190	192	201	196	200	188	188	202	210	194	203
28	206	233	271	340	268	282	260	280	261	283	273	262	255	279	283	281	279	274	278	322	287	278	178	196	269
29	214	221	227	218	213	218	220	220	206	340	31	36	358	355	350	345	346	335	340	339	341	19	16	16	319
30	16	13	32	32	3	351	323	341	339	359	14	15	15	15	354	34	12	328	231	208	214	196	200	220	352
31	205	206	217	222	214	224	227	220	223	216	209	206	205	208	213	307	294	325	13	256	358	3	233	212	234
Prev	304	307	284	284	257	249	261	254	309	252	290	269	324	356	344	345	343	338	333	312	327	320	294	285	310

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Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	6	7	7	10	32	39	12	9	9	79	43	66	73	38	31	32	40	24	15	6	5	15	7	6	25	79	5
2	10	5	6	6	5	5	5	9	6	10	10	54	29	24	30	50	83	39	46	19	95	34	27	22	26	95	5
3	30	63	62	79	66	56	27	57	14	13	24	18	57	76	41	11	13	18	17	84	83	47	69	74	46	84	11
4	52	37	20	63	21	13	31	7	18	10	11	13	89	85	67	42	19	29	16	47	94	38	83	80	41	94	7
5	63	60	8	4	4	6	5	6	6	6	9	11	43	77	75	45	48	38	20	23	61	72	73	23	33	77	4
6	79	54	15	13	8	8	3	4	5	9	10	12	39	59	35	30	19	20	96	39	50	69	62	32	32	96	3
7	52	36	34	9	8	5	6	6	7	7	10	13	19	44	40	27	16	17	47	68	25	15	83	57	27	83	5
8	16	70	50	72	40	61	18	35	9	8	15	87	57	37	35	45	58	25	56	33	19	90	29	20	41	90	8
9	50	33	54	89	53	83	74	78	25	55	41	18	19	20	14	21	15	22	16	49	70	44	32	54	43	89	14
10	74	28	65	15	23	11	9	9	9	8	9	50	60	30	61	52	28	48	77	54	75	47	16	16	36	77	8
11	6	18	8	5	5	6	6	16	15	22	42	12	21	22	27	17	20	17	10	9	8	8	14	37	15	42	5
12	51	75	19	52	63	50	63	11	21	27	26	48	48	48	58	70	79	26	31	70	48	24	11	7	43	79	7
13	79	21	6	6	91	40	61	13	9	12	14	59	95	17	8	11	16	47	20	48	45	7	4	5	31	95	4
14	6	9	30	100	6	34	60	27	89	12	17	12	12	15	17	16	17	21	29	30	77	12	51	13	30	100	6
15	14	22	20	41	14	12	6	7	27	10	37	15	11	10	14	35	25	12	12	7	8	61	14	34	20	61	6
16	62	37	30	23	17	13	6	57	63	42	12	20	17	21	25	16	18	12	12	42	26	33	42	52	29	63	6
17	23	17	21	23	21	19	11	8	15	16	19	18	18	18	16	16	15	23	34	27	56	69	44	16	23	69	8
18	10	49	10	6	5	5	7	5	6	9	9	12	19	35	38	57	79	24	53	56	46	26	17	29	26	79	5
19	24	29	11	21	74	33	56	25	63	10	16	25	28	25	16	25	18	62	57	60	20	13	6	4	30	74	4
20	4	5	5	69	40	68	20	5	7	9	13	22	17	24	45	24	72	45	27	22	8	7	11	8	24	72	4
21	17	59	13	14	39	29	10	7	12	10	11	12	15	16	19	19	14	8	5	6	36	12	8	7	17	59	5
22	5	5	5	5	4	6	5	5	5	8	7	15	10	11	14	10	9	14	22	13	12	9	9	11	9	22	4
23	18	13	10	9	9	12	14	14	12	8	8	11	10	10	12	12	17	17	40	23	83	34	63	34	21	83	8
24	7	7	10	87	58	96	42	39	21	25	16	16	20	28	51	22	19	18	16	26	39	35	64	76	35	96	7
25	61	45	35	23	13	9	9	9	8	57	93	32	96	10	16	10	8	8	13	8	16	8	6	7	25	96	6
26	9	26	17	9	13	30	26	11	36	58	20	21	14	14	15	13	14	19	30	21	55	37	12	7	22	58	7
27	8	6	4	4	5	8	51	18	12	7	9	24	46	46	59	72	17	26	43	14	11	41	64	54	27	72	4
28	26	14	11	25	50	42	73	46	33	39	21	28	33	28	43	59	31	40	36	74	58	23	72	83	41	83	11
29	47	74	96	85	68	47	11	79	92	99	9	71	16	17	14	11	12	44	81	42	19	37	26	13	46	99	9
30	31	19	35	43	32	27	14	57	24	19	16	22	19	19	23	18	10	36	17	75	57	66	51	48	32	75	10
31	80	33	30	50	10	8	7	10	11	7	10	16	17	14	10	66	16	52	32	20	25	23	53	54	27	80	7
Avg	33	31	24	34	29	28	24	22	22	23	20	28	34	30	31	31	28	27	33	36	43	34	36	32	30	78	7
Max	80	75	96	100	91	96	74	79	92	99	93	87	96	85	75	72	83	62	96	84	95	90	83	83	46	100	14
Min	4	5	4	4	4	5	3	4	5	6	7	11	10	10	8	10	8	8	5	6	5	7	4	4	9	22	3

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Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	21	14	7	44	61	42	54	86	61	51	22	14	22	8	8	7	9	14	13	12	15	48	26	10	28	86	7
2	11	9	8	8	10	8	10	11	7	15	14	18	37	43	22	23	23	25	47	91	78	16	45	19	25	91	7
3	9	8	7	6	16	16	8	7	5	14	14	11	11	14	39	23	14	16	20	70	56	33	14	8	18	70	5
4	9	5	5	4	6	5	6	6	9	8	10	8	9	10	12	14	58	32	38	38	102	19	30	63	21	102	4
5	56	28	19	63	58	80	80	65	16	7	14	14	92	17	51	28	60	40	13	14	26	10	19	23	37	92	7
6	13	30	44	89	15	65	30	25	31	27	45	34	44	25	15	21	16	33	29	75	18	11	11	11	32	89	11
7	5	9	6	10	14	91	68	55	78	38	40	17	24	56	45	41	19	25	32	23	28	66	46	36	36	91	5
8	11	11	27	17	16	19	19	42	13	14	31	43	22	24	16	22	26	7	29	74	84	59	57	75	32	84	7
9	97	41	95	47	96	78	50	31	6	10	6	19	58	92	11	12	25	66	70	56	25	21	13	18	43	97	6
10	20	34	12	8	12	19	16	9	16	17	22	15	18	27	37	33	19	13	15	45	19	22	7	12	19	45	7
11	14	14	17	13	11	11	13	23	27	14	15	25	36	24	17	14	13	18	11	17	27	15	6	8	17	36	6
12	36	19	18	7	22	31	11	13	12	13	13	12	14	10	12	9	17	18	13	45	21	67	18	19	20	67	7
13	10	9	29	17	21	16	9	26	8	6	6	9	11	7	19	4	5	9	19	10	10	8	9	33	13	33	4
14	58	23	25	31	36	20	10	19	9	12	20	100	10	45	16	13	12	20	34	38	26	30	30	22	27	100	9
15	13	5	14	75	62	79	73	49	34	9	9	34	83	14	32	37	6	86	60	45	14	31	17	12	37	86	5
16	9	8	4	4	9	12	6	38	11	16	4	4	9	64	17	8	13	22	16	6	9	11	12	12	14	64	4
17	15	13	25	12	11	10	9	7	10	11	13	17	19	18	11	15	19	38	34	15	59	70	58	32	23	70	7
18	32	20	21	12	13	62	28	22	30	8	19	16	11	12	10	10	17	8	16	32	79	80	30	68	27	80	8
19	78	63	22	53	16	5	9	11	6	7	Au	Au	Au	Au	21	11	10	9	10	9	20	68	74	69	29	78	5
20	68	13	53	57	81	10	16	13	13	12	14	11	20	12	10	13	23	18	13	18	19	23	34	40	25	81	10
21	31	87	15	20	15	8	6	13	15	55	20	76	9	14	8	12	11	65	70	56	55	93	16	17	33	93	6
22	32	8	5	7	13	12	9	8	15	15	10	9	13	13	19	16	23	10	10	12	11	17	86	43	17	86	5
23	16	9	7	14	15	11	10	11	19	12	18	23	6	9	9	10	11	9	8	11	23	15	12	11	12	23	6
24	11	8	7	6	6	24	14	19	6	7	6	9	14	29	19	88	17	72	82	27	81	33	43	50	28	88	6
25	14	12	8	6	9	9	9	8	9	10	10	13	13	15	17	26	15	28	15	9	7	11	25	26	14	28	6
26	9	11	19	21	99	69	52	10	14	13	8	22	17	17	14	51	19	44	57	69	60	73	89	21	37	99	8
27	47	46	91	73	75	13	10	8	86	30	99	24	44	57	63	39	14	33	58	29	33	47	38	12	45	99	8
28	5	7	8	13	71	50	74	34	19	10	13	9	16	10	8	8	9	7	8	6	6	7	6	7	17	74	5
29	7	5	7	6	6	9	9	11	8	6	14	11	14	14	11	12	14	39	9	12	13	12	8	7	11	39	5
30	21	44	81	80	74	46	21	22	27	49	31	69	71	48	15	15	9	41	62	40	25	66	53	13	43	81	9
Avg	26	20	24	27	32	31	25	23	21	17	19	24	26	26	20	21	18	29	30	33	35	36	31	27	26	75	7
Max	97	87	95	89	99	91	80	86	86	55	99	100	92	92	63	88	60	86	82	91	102	93	89	75	45	102	11
Min	5	5	4	4	6	5	6	6	5	6	4	4	6	7	8	4	5	7	8	6	6	7	6	7	11	23	4

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Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	10	17	10	14	20	13	20	24	26	18	10	19	10	9	10	10	10	27	48	14	5	6	12	56	17	56	5
2	13	10	17	10	24	17	29	15	13	13	13	34	17	10	8	8	22	13	7	13	9	15	13	8	15	34	7
3	11	15	5	6	10	15	9	15	13	12	69	21	13	13	11	10	12	9	10	11	14	16	82	50	19	82	5
4	17	9	8	8	7	8	9	17	10	8	10	10	73	14	24	13	18	21	34	81	43	30	24	32	22	81	7
5	31	91	5	5	24	4	15	21	21	21	16	13	13	14	13	18	11	13	9	13	23	25	83	58	23	91	4
6	17	29	63	74	81	84	54	89	93	17	8	11	16	43	32	15	24	21	42	82	64	50	53	33	46	93	8
7	36	44	85	34	30	53	29	63	45	33	77	50	55	18	19	27	13	14	14	16	16	12	61	35	37	85	12
8	83	21	30	75	27	45	9	20	10	13	4	8	16	60	32	27	12	21	12	13	28	13	33	64	28	83	4
9	59	32	55	35	33	18	70	34	53	14	68	82	11	87	97	59	89	12	43	44	73	50	53	55	51	97	11
10	19	47	35	14	66	28	59	45	54	73	20	24	15	15	46	71	41	63	28	9	22	55	91	63	42	91	9
11	47	28	54	24	38	18	24	64	32	52	36	35	37	66	78	40	93	56	23	42	67	20	6	10	41	93	6
12	7	9	43	13	14	22	47	30	47	42	33	23	29	44	15	27	16	49	39	12	11	54	12	7	27	54	7
13	6	6	11	7	43	76	49	16	78	23	38	18	15	11	15	17	19	17	20	5	5	7	13	12	22	78	5
14	61	48	37	56	38	34	32	22	8	5	5	7	9	18	66	24	19	37	57	48	68	49	72	55	36	72	5
15	38	79	36	24	22	16	11	19	15	15	17	14	11	19	14	10	12	10	41	21	27	33	46	20	24	79	10
16	16	31	42	20	89	77	64	22	14	93	55	91	13	18	20	15	11	23	21	13	22	19	25	24	35	93	11
17	31	19	11	61	40	79	58	26	9	6	11	10	10	11	16	9	8	14	18	65	20	42	8	33	26	79	6
18	8	6	9	6	7	7	6	5	5	5	10	16	11	11	13	14	71	34	28	42	55	84	37	80	24	84	5
19	28	85	62	38	53	61	28	8	7	9	7	7	6	6	9	13	17	26	25	13	56	97	8	5	28	97	5
20	6	5	6	8	5	4	7	5	6	6	7	5	5	5	5	6	6	6	5	7	7	8	15	11	7	15	4
21	8	7	7	7	7	7	8	8	Pw	Pw	Pw	Pw	Pw	Pw	17	19	24	39	58	23	Pw	Pw	Pw	Pw	17	58	7
22	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	13	16	17	16	17	17	16	13	19	30	57	71	59	62	56	32	71	13
23	26	15	9	8	7	5	6	27	6	6	12	5	7	62	14	16	9	16	17	17	20	12	20	49	16	62	5
24	24	22	11	12	45	71	62	23	19	16	35	26	79	23	22	78	21	15	7	7	9	14	19	9	28	79	7
25	9	9	9	11	14	19	7	8	12	11	16	17	12	8	12	13	17	10	6	7	8	24	75	76	17	76	6
26	73	71	41	75	19	10	13	29	9	7	6	14	13	10	33	12	19	43	39	28	26	8	16	5	26	75	5
27	5	4	5	6	5	6	7	5	5	12	6	9	8	6	4	6	8	7	9	4	9	10	10	16	7	16	4
28	16	12	47	64	14	17	8	15	16	24	10	8	10	10	9	9	6	5	5	73	27	19	40	34	21	73	5
29	21	5	7	16	7	8	5	4	25	80	15	14	18	11	11	9	12	5	5	6	9	29	13	16	15	80	4
30	21	16	16	21	18	25	20	14	14	29	31	19	30	21	46	19	33	14	53	14	28	7	9	36	23	53	7
31	10	11	9	12	76	13	26	6	6	5	6	5	7	8	13	32	14	22	40	54	50	47	41	22	22	76	5
Avg	25	27	26	25	29	29	26	23	23	23	22	21	20	22	24	21	23	22	26	28	30	30	35	34	26	73	7
Max	83	91	85	75	89	84	70	89	93	93	77	91	79	87	97	78	93	63	58	82	73	97	91	80	51	97	13
Min	5	4	5	5	5	4	5	4	5	5	4	5	5	5	4	6	6	5	5	4	5	6	6	5	7	15	4

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
October 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	49.8	49.1	48.3	47.4	46.2	45.2	43.6	44.5	45.9	50.0	52.3	53.7	55.2	57.7	59.1	59.8	60.6	60.5	57.7	57.3	57.0	56.1	54.8	53.9	52.7	60.6	43.6
2	52.6	51.9	51.3	50.0	47.9	47.2	46.3	47.3	50.1	52.1	54.3	59.7	62.8	63.8	64.9	65.7	66.1	65.6	61.5	58.8	55.3	54.9	53.8	54.7	55.8	66.1	46.3
3	54.4	52.8	52.3	49.5	49.3	49.2	48.8	49.0	51.8	55.3	57.9	61.0	63.8	65.8	66.9	66.8	66.5	66.1	62.3	59.2	57.5	56.8	55.8	55.2	57.2	66.9	48.8
4	54.3	53.3	53.3	52.2	49.6	51.7	49.3	51.9	54.5	57.3	60.0	64.4	68.1	71.1	73.9	74.9	74.6	73.3	67.3	63.4	62.1	63.7	61.7	59.6	61.1	74.9	49.3
5	59.2	57.8	61.0	59.9	58.4	57.9	57.4	56.4	59.1	61.9	65.4	69.6	72.5	74.8	77.1	78.0	78.6	77.5	73.5	68.5	66.8	66.2	65.0	64.4	66.1	78.6	56.4
6	62.6	61.8	60.3	60.5	60.4	59.9	60.3	60.2	60.8	64.1	67.6	71.1	74.3	77.3	78.8	79.0	78.6	77.3	73.6	70.4	67.2	66.7	65.9	64.2	67.6	79.0	59.9
7	64.2	61.9	60.1	59.3	59.6	60.9	58.7	58.9	61.2	64.0	67.7	71.2	74.7	77.4	78.6	79.2	79.0	76.8	72.9	68.7	68.9	65.5	64.2	62.5	67.3	79.2	58.7
8	61.8	61.0	59.7	57.0	56.6	58.5	55.6	54.1	59.0	62.5	65.6	69.4	72.1	73.6	74.4	75.0	75.1	73.6	70.2	66.1	65.5	61.7	59.3	61.2	64.5	75.1	54.1
9	57.9	58.6	58.2	56.6	55.9	55.7	54.4	54.2	56.8	61.8	65.2	67.0	68.9	70.7	72.0	72.3	71.9	70.2	66.2	63.0	60.2	60.4	57.9	58.5	62.3	72.3	54.2
10	57.6	56.8	55.6	55.5	54.7	53.8	52.7	52.8	53.6	56.6	60.0	63.8	66.6	69.1	70.2	70.9	71.3	69.4	66.0	61.2	59.3	59.6	58.1	58.5	60.6	71.3	52.7
11	58.5	60.0	57.6	57.0	56.9	56.6	55.4	55.6	57.0	61.5	63.8	65.9	67.8	69.0	70.4	71.7	71.4	64.8	61.3	60.9	59.9	57.1	54.3	53.9	61.2	71.7	53.9
12	52.6	51.4	51.0	49.1	46.7	45.8	44.6	47.9	50.5	52.0	53.2	54.3	55.6	57.4	58.3	59.1	60.1	58.3	56.0	54.6	51.6	50.1	50.0	52.2	52.6	60.1	44.6
13	49.9	50.6	50.6	49.4	46.4	43.2	44.2	43.8	49.1	53.1	55.8	58.7	61.9	64.2	64.9	66.3	66.9	65.2	62.4	59.5	56.9	61.1	63.0	64.4	56.3	66.9	43.2
14	63.4	63.1	60.8	56.9	62.7	61.9	51.7	56.0	55.0	54.0	57.1	58.9	60.7	62.6	65.1	63.7	60.7	58.9	58.3	57.0	57.8	63.8	62.5	62.4	59.8	65.1	51.7
15	63.1	63.2	62.9	59.9	56.8	54.9	54.8	56.6	55.8	47.0	48.3	49.0	52.5	53.7	54.2	56.2	57.7	57.0	54.8	53.4	52.4	50.7	49.0	50.0	54.7	63.2	47.0
16	46.9	46.2	45.5	44.1	43.5	43.6	42.1	40.7	42.0	43.6	45.9	47.5	50.1	52.3	54.4	55.1	54.6	53.5	50.8	48.0	46.2	46.5	46.2	45.3	47.3	55.1	40.7
17	44.6	42.8	43.1	42.5	41.5	42.0	41.5	41.5	43.2	46.1	49.5	52.3	55.3	58.2	59.9	60.6	60.2	58.8	56.1	54.2	52.5	50.6	51.3	51.6	50.0	60.6	41.5
18	52.4	50.5	52.3	51.7	51.6	51.4	49.8	49.9	51.1	53.9	57.5	60.8	63.7	65.8	67.4	68.2	68.2	64.7	62.1	59.1	56.9	56.5	55.9	56.2	57.4	68.2	49.8
19	54.6	52.4	51.3	48.7	47.9	48.4	46.9	45.3	47.0	51.5	54.6	56.9	59.7	62.7	65.4	68.2	69.7	66.6	62.0	59.4	57.5	59.6	60.9	59.9	56.5	69.7	45.3
20	60.1	60.0	59.2	57.2	53.7	52.1	54.0	54.1	56.2	59.2	62.7	67.1	69.3	71.1	71.8	70.4	72.2	68.5	65.0	63.6	62.3	59.8	58.2	54.8	61.8	72.2	52.1
21	51.7	51.4	50.3	50.1	49.7	49.4	49.5	49.5	49.8	50.8	51.9	54.1	55.2	56.0	56.9	57.6	57.1	55.4	53.7	52.9	51.2	49.8	50.2	48.3	52.2	57.6	48.3
22	47.3	46.2	45.6	45.0	44.2	43.8	44.1	44.8	46.4	49.0	50.9	52.6	55.4	57.6	58.2	59.5	60.1	59.3	58.3	56.8	58.7	58.8	57.3	57.9	52.4	60.1	43.8
23	55.0	53.8	54.2	54.8	54.9	55.6	52.1	51.7	52.8	54.5	56.9	58.0	59.1	61.1	61.4	55.9	54.7	53.8	53.0	53.1	52.6	51.9	51.7	50.6	54.7	61.4	50.6
24	50.1	50.1	50.7	49.4	48.4	47.4	47.0	46.6	47.3	48.1	48.7	49.0	49.3	49.9	50.3	51.0	51.4	51.2	50.8	50.1	49.7	49.5	49.6	49.7	49.4	51.4	46.6
25	49.6	49.4	48.5	46.9	46.1	45.4	45.7	45.6	45.3	46.0	46.6	49.1	55.0	62.7	65.1	68.2	66.5	64.0	61.2	59.1	57.6	54.7	54.1	52.6	53.5	68.2	45.3
26	50.9	50.0	49.8	49.3	48.2	47.2	46.1	45.0	44.8	45.9	47.2	48.6	49.1	50.7	51.1	50.3	50.1	49.6	47.3	46.0	44.5	44.2	44.9	43.4	47.7	51.1	43.4
27	42.1	41.3	41.1	41.2	40.8	39.9	37.8	35.9	37.6	39.3	41.3	43.7	45.1	46.3	47.0	47.9	47.3	45.2	43.2	40.5	40.4	38.6	37.9	37.3	41.6	47.9	35.9
28	36.6	36.9	35.1	35.5	36.2	36.1	33.7	33.2	34.1	39.4	43.7	47.1	49.4	50.9	52.7	55.7	55.4	53.0	51.6	49.2	48.6	48.1	48.1	45.9	44.0	55.7	33.2
29	44.8	43.8	43.4	43.0	43.4	45.0	46.7	45.8	42.9	46.5	51.0	54.9	53.6	53.7	54.6	54.2	53.6	53.7	52.4	51.4	49.6	48.6	47.1	46.9	48.8	54.9	42.9
30	45.1	44.7	46.0	44.4	43.3	43.3	42.8	42.9	42.9	46.5	49.7	51.9	54.5	57.5	60.1	59.3	57.7	54.6	51.6	51.0	49.8	48.9	49.9	47.3	49.4	60.1	42.8
31	48.1	48.2	48.7	50.2	47.9	50.5	51.7	51.7	52.9	53.8	55.1	56.6	59.5	62.1	61.9	62.2	59.1	56.2	52.4	52.3	52.1	51.6	51.8	51.9	53.7	62.2	47.9
Avg	53.0	52.3	51.9	50.8	50.0	49.8	48.7	48.8	50.2	52.5	55.1	57.7	60.0	62.2	63.5	64.0	63.8	62.0	59.2	57.1	55.8	55.2	54.5	54.0	55.5	64.8	47.6
Max	64.2	63.2	62.9	60.5	62.7	61.9	60.3	60.2	61.2	64.1	67.7	71.2	74.7	77.4	78.8	79.2	79.0	77.5	73.6	70.4	68.9	66.7	65.9	64.4	67.6	79.2	59.9
Min	36.6	36.9	35.1	35.5	36.2	36.1	33.7	33.2	34.1	39.3	41.3	43.7	45.1	46.3	47.0	47.9	47.3	45.2	43.2	40.5	40.4	38.6	37.9	37.3	41.6	47.9	33.2

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
November 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	49.4	49.9	48.8	48.1	46.5	46.2	45.3	44.0	45.0	45.9	46.3	45.3	43.8	41.9	41.7	41.7	41.5	40.6	40.8	41.8	42.0	41.6	42.5	42.1	44.3	49.9	40.6
2	41.5	40.7	39.8	39.2	38.9	38.2	37.9	38.5	40.5	41.7	42.7	43.9	44.6	45.7	46.4	46.9	47.3	45.2	43.4	42.9	40.8	41.0	40.4	40.9	42.0	47.3	37.9
3	41.0	40.2	40.5	40.4	40.1	40.3	40.3	40.4	40.4	41.8	44.0	46.8	48.3	49.7	49.3	49.5	49.6	48.7	47.4	46.3	45.1	43.8	43.4	43.8	44.2	49.7	40.1
4	43.5	42.3	41.2	40.7	41.4	41.8	42.1	42.5	43.6	44.3	45.2	47.2	48.3	49.6	50.5	51.3	51.6	47.9	47.0	46.5	45.7	45.1	43.7	43.8	45.3	51.6	40.7
5	44.5	43.4	42.3	42.7	41.0	40.2	40.3	40.4	43.5	48.4	51.6	53.5	54.4	54.4	56.1	57.2	55.6	54.3	51.2	50.0	48.0	46.1	45.6	45.0	47.9	57.2	40.2
6	44.9	44.5	45.4	43.8	44.0	43.3	42.3	41.9	41.0	42.2	43.5	45.5	51.3	56.2	54.1	55.4	56.6	54.8	52.5	52.3	55.7	60.3	60.4	59.3	49.6	60.4	41.0
7	58.1	56.1	54.4	52.5	51.7	50.5	47.9	46.4	45.2	48.3	49.9	50.3	50.9	52.0	53.0	53.8	53.8	51.4	48.7	45.9	46.2	44.9	45.5	43.6	50.0	58.1	43.6
8	42.8	41.8	41.4	39.8	39.7	37.2	37.5	37.1	37.9	39.6	43.1	45.8	47.8	48.6	49.7	50.1	49.5	46.8	44.8	44.0	42.8	42.4	41.6	41.9	43.1	50.1	37.1
9	41.0	39.8	39.1	39.1	38.5	38.6	38.1	39.9	44.7	46.9	47.6	51.4	49.3	48.9	62.3	62.1	61.1	48.5	44.8	43.6	45.9	45.9	45.5	42.8	46.1	62.3	38.1
10	42.9	42.3	42.0	41.4	40.7	40.4	39.0	38.3	38.5	40.1	40.3	41.1	42.1	43.2	43.6	44.0	43.6	40.7	37.9	35.4	34.6	33.2	32.5	30.9	39.5	44.0	30.9
11	31.0	31.3	28.1	27.9	26.6	25.5	25.8	26.2	28.2	30.6	31.2	32.2	33.9	35.0	35.8	36.0	35.6	33.1	29.5	29.7	27.9	26.1	24.2	22.9	29.8	36.0	22.9
12	21.6	19.4	19.4	18.4	18.1	19.2	16.7	16.6	17.3	18.8	21.0	23.1	24.2	24.9	25.5	25.5	24.6	23.3	21.7	19.6	17.4	17.2	16.7	17.7	20.3	25.5	16.6
13	16.9	16.8	18.7	19.0	18.3	16.4	15.3	15.8	16.5	17.8	18.7	20.2	21.4	22.2	22.3	21.2	20.7	20.2	20.0	19.9	19.9	19.9	20.0	20.0	19.1	22.3	15.3
14	20.4	20.8	20.9	21.5	21.7	21.4	21.3	21.4	21.3	22.2	22.7	23.7	23.9	24.5	25.7	26.2	27.1	26.3	24.4	22.9	23.9	20.9	18.2	19.6	22.6	27.1	18.2
15	19.6	19.6	19.2	15.6	14.1	15.0	15.2	14.6	13.2	15.2	15.7	18.5	20.9	22.5	22.8	22.8	22.2	18.8	16.5	16.5	17.1	16.5	15.9	16.6	17.7	22.8	13.2
16	16.6	16.3	16.3	16.4	15.3	13.7	14.8	12.0	11.7	14.6	16.6	18.5	20.4	22.5	22.2	20.0	16.6	14.8	12.2	10.7	9.9	9.7	10.9	10.6	15.1	22.5	9.7
17	9.6	9.6	8.0	8.2	6.8	8.2	8.9	9.9	11.2	12.4	13.3	13.7	14.6	14.9	15.6	15.9	14.7	13.7	11.3	11.0	10.0	10.3	9.8	10.1	11.3	15.9	6.8
18	9.1	9.1	8.4	8.1	7.0	6.3	8.4	10.1	10.6	11.7	13.2	14.4	15.2	15.2	15.3	15.5	15.6	15.2	13.4	13.5	12.6	12.3	12.1	11.7	11.8	15.6	6.3
19	11.1	11.3	11.8	11.7	12.5	13.4	12.3	11.6	12.7	13.5	Au	Au	Au	Au	18.2	18.2	18.0	16.3	15.6	16.7	17.2	19.2	19.5	20.9	15.1	20.9	11.1
20	21.4	22.0	22.3	22.6	22.7	21.9	21.7	21.5	20.0	20.9	22.2	24.0	25.7	26.6	26.4	26.0	25.1	22.9	22.1	22.3	24.4	24.8	23.3	23.4	23.2	26.6	20.0
21	25.3	25.5	26.2	26.4	26.4	26.4	26.9	27.3	27.2	28.4	28.8	29.7	29.1	29.8	29.1	27.6	27.2	27.3	27.7	28.0	30.2	32.3	28.9	28.2	27.9	32.3	25.3
22	34.1	39.8	41.3	43.9	43.8	45.6	46.4	45.0	45.5	46.5	45.7	44.9	45.3	45.8	46.6	45.1	41.5	41.9	41.6	40.8	39.8	39.2	38.7	38.2	42.8	46.6	34.1
23	37.9	38.0	38.0	37.8	37.2	35.3	35.4	34.4	34.2	37.1	39.4	40.4	41.4	42.5	42.5	42.0	41.5	41.2	41.0	41.2	41.0	41.3	41.8	41.4	39.3	42.5	34.2
24	40.9	40.3	39.5	38.6	38.7	37.6	35.6	34.9	34.8	36.3	38.3	40.6	43.0	45.5	46.8	43.7	39.3	37.6	36.9	36.7	36.5	40.5	37.2	39.1	39.1	46.8	34.8
25	43.7	45.0	47.0	48.1	48.1	48.9	49.8	49.9	50.7	51.0	51.9	53.5	54.5	54.9	55.5	55.3	55.3	54.1	52.5	51.1	50.7	50.7	51.2	50.5	51.0	55.5	43.7
26	50.2	50.8	50.3	49.8	49.1	49.1	48.7	46.9	46.9	48.3	49.3	50.4	51.4	51.9	52.9	53.8	51.3	47.9	46.3	45.4	44.6	43.6	42.4	42.3	48.5	53.8	42.3
27	42.0	42.3	42.8	42.2	41.9	47.5	49.5	49.2	46.6	42.2	45.8	49.1	53.4	52.2	46.1	48.0	48.4	47.0	46.2	44.0	41.8	41.9	42.1	44.7	45.7	53.4	41.8
28	45.3	45.3	45.2	44.8	43.8	42.4	43.9	45.7	46.9	47.8	50.0	53.0	57.1	58.7	56.4	57.2	55.1	51.8	50.1	50.0	49.6	48.3	48.2	47.5	49.3	58.7	42.4
29	45.0	46.6	45.9	46.1	46.6	46.7	47.7	47.3	46.7	46.6	48.2	49.7	51.2	51.0	51.0	49.4	47.0	42.1	35.4	32.9	31.2	29.5	28.4	27.1	43.3	51.2	27.1
30	25.8	24.1	23.8	23.0	21.5	22.0	20.9	21.2	19.5	22.1	24.4	26.3	28.1	29.2	28.3	27.8	26.9	25.9	24.3	22.5	22.2	21.3	20.5	21.6	23.9	29.2	19.5
Avg	33.9	33.8	33.6	33.3	32.8	32.6	32.5	32.4	32.7	34.1	36.2	37.8	39.2	40.0	39.7	39.6	38.8	36.7	34.9	34.1	33.8	33.7	33.0	32.9	35.1	41.2	29.2
Max	58.1	56.1	54.4	52.5	51.7	50.5	49.8	49.9	50.7	51.0	51.9	53.5	57.1	58.7	62.3	62.1	61.1	54.8	52.5	52.3	55.7	60.3	60.4	59.3	51.0	62.3	43.7
Min	9.1	9.1	8.0	8.1	6.8	6.3	8.4	9.9	10.6	11.7	13.2	13.7	14.6	14.9	15.3	15.5	14.7	13.7	11.3	10.7	9.9	9.7	9.8	10.1	11.3	15.6	6.3

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
December 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	22.9	24.3	23.6	23.8	23.9	23.7	23.8	23.9	24.0	22.5	22.9	24.2	24.7	24.9	25.8	26.0	26.5	27.4	28.1	28.8	30.0	30.3	31.4	29.1	25.7	31.4	22.5
2	27.4	27.6	27.8	27.6	27.5	27.9	28.4	28.4	28.5	28.8	29.1	30.0	30.7	31.5	31.8	31.6	31.5	31.2	31.4	31.9	32.0	32.4	32.3	31.9	30.0	32.4	27.4
3	31.6	31.7	31.1	30.8	30.7	30.1	29.7	29.8	29.9	30.5	31.1	31.9	32.5	33.5	33.5	33.1	32.8	32.5	32.4	32.3	32.4	32.3	32.4	32.9	31.7	33.5	29.7
4	34.7	35.9	38.5	39.8	40.0	41.1	42.2	42.3	44.4	43.8	45.8	47.2	48.0	46.2	46.5	46.6	45.8	44.6	42.7	42.9	40.8	40.4	36.9	37.6	42.3	48.0	34.7
5	38.3	37.8	41.9	42.2	41.5	41.5	40.4	38.8	34.8	34.7	34.8	35.7	36.8	36.9	37.0	36.9	36.7	36.3	36.0	35.8	35.5	34.6	34.2	33.3	37.2	42.2	33.3
6	33.3	32.9	32.5	32.2	32.0	32.8	33.7	35.2	38.5	42.6	42.9	45.3	48.3	50.3	50.3	49.8	48.4	46.8	45.1	43.2	40.8	39.1	38.0	37.0	40.5	50.3	32.0
7	35.8	37.2	37.8	37.9	37.7	38.0	39.0	39.4	39.2	39.2	39.2	39.4	40.1	40.3	40.3	40.3	40.1	39.8	39.6	39.5	39.5	39.5	39.3	39.1	39.0	40.3	35.8
8	38.8	38.3	37.6	37.3	37.4	37.4	37.3	37.1	37.1	37.7	38.8	39.2	41.2	42.2	40.2	40.5	40.5	40.3	39.9	39.7	39.6	39.4	38.7	38.2	38.9	42.2	37.1
9	37.7	37.4	37.4	37.4	37.5	37.7	37.6	37.3	37.4	37.9	37.9	38.8	39.8	40.1	41.9	41.7	42.2	40.7	40.6	40.0	39.2	38.5	38.5	37.8	38.9	42.2	37.3
10	37.5	37.1	37.2	35.3	34.9	35.0	36.2	36.1	36.1	35.9	36.3	36.5	37.2	37.7	37.8	39.6	39.3	37.2	39.4	41.6	45.1	47.1	43.8	43.9	38.5	47.1	34.9
11	42.5	41.9	43.3	43.8	45.9	47.4	48.5	44.6	44.5	44.9	47.7	48.5	47.8	54.0	54.0	53.1	54.0	50.9	50.7	49.5	50.1	49.7	50.3	49.5	48.2	54.0	41.9
12	50.3	49.2	49.1	45.4	44.7	45.1	45.1	43.7	43.9	44.3	45.1	45.6	47.8	49.9	51.3	49.3	44.4	43.1	41.9	40.9	41.3	41.6	41.4	41.0	45.2	51.3	40.9
13	40.3	40.3	39.6	38.9	37.9	35.3	35.6	35.8	35.4	36.2	38.8	39.4	40.4	41.0	41.3	40.8	39.8	38.7	38.5	37.6	36.9	37.3	36.9	35.8	38.3	41.3	35.3
14	35.5	34.2	32.6	31.8	30.8	30.6	30.5	29.7	29.5	30.3	31.9	33.8	36.3	38.2	39.1	39.4	38.6	34.9	33.5	32.6	32.4	32.5	31.7	30.7	33.4	39.4	29.5
15	30.3	28.7	27.4	26.1	24.6	23.1	22.8	23.4	23.4	23.3	24.7	25.7	26.4	28.2	30.5	32.5	31.1	30.9	31.7	30.1	29.4	30.1	31.9	32.7	27.9	32.7	22.8
16	32.7	31.9	29.5	28.7	28.4	29.7	29.7	29.8	30.0	30.0	30.9	32.0	32.2	32.2	32.6	33.1	33.2	32.8	32.6	32.9	32.9	32.7	32.9	32.5	31.5	33.2	28.4
17	32.2	31.2	31.5	31.4	30.7	30.4	30.3	30.4	30.1	29.8	30.0	30.4	30.7	31.5	32.3	32.9	33.2	33.2	32.6	32.4	31.4	31.2	33.1	33.3	31.5	33.3	29.8
18	34.4	34.4	34.4	34.7	35.1	35.3	35.5	36.0	36.0	36.2	37.4	38.6	39.9	40.9	41.7	42.3	41.7	38.4	36.3	34.7	34.6	34.6	33.9	34.2	36.7	42.3	33.9
19	34.2	34.5	34.5	34.2	34.5	34.8	36.1	36.7	37.2	38.6	38.5	38.9	40.7	42.8	43.3	42.8	41.8	41.2	40.4	39.8	38.6	32.6	37.3	37.6	38.0	43.3	32.6
20	37.6	37.8	37.9	37.4	38.2	37.9	37.4	37.9	37.8	38.1	39.8	41.3	42.1	43.4	42.7	41.2	39.3	38.7	39.4	39.8	41.1	42.1	42.9	44.0	39.8	44.0	37.4
21	48.2	48.8	49.3	49.8	50.5	50.2	51.0	51.4	Pw	Pw	Pw	Pw	Pw	Pw	45.2	44.8	43.7	44.1	43.4	42.6	Pw	Pw	Pw	Pw	47.4	51.4	42.6
22	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	44.5	45.6	45.6	46.0	45.6	45.0	44.4	42.9	39.9	38.3	36.1	36.3	35.7	34.4	33.6	40.9	46.0	33.6
23	32.9	32.1	33.3	33.9	32.7	32.0	32.4	30.8	31.4	32.6	34.6	35.3	36.5	37.6	37.5	37.6	36.3	34.5	32.9	31.6	31.1	29.8	29.8	30.7	33.3	37.6	29.8
24	29.9	30.0	29.6	29.1	29.3	29.1	28.9	27.8	28.4	29.5	30.5	31.4	32.3	31.0	31.8	32.1	29.7	30.6	33.5	34.1	34.1	33.0	32.5	31.9	30.8	34.1	27.8
25	31.3	31.1	30.8	30.6	30.9	30.4	32.0	31.5	30.4	31.3	32.5	33.9	34.1	34.0	34.7	34.9	33.9	33.1	32.5	32.4	32.2	31.4	30.5	29.4	32.1	34.9	29.4
26	28.4	28.5	30.0	30.7	31.3	31.4	31.1	30.8	30.7	31.0	31.9	32.9	33.7	34.4	35.1	35.0	34.5	32.0	28.9	28.2	27.3	26.0	26.4	28.3	30.8	35.1	26.0
27	27.0	25.2	24.9	24.5	24.2	24.7	25.4	25.4	25.3	26.1	27.8	28.9	30.1	31.3	32.0	32.2	32.4	32.2	31.7	30.5	31.5	31.6	31.6	33.4	28.7	33.4	24.2
28	34.9	37.2	36.0	28.0	35.7	34.0	34.3	33.8	33.2	34.1	35.1	35.1	35.8	36.5	35.9	35.6	34.3	32.4	31.1	29.7	29.5	29.3	27.5	27.1	33.2	37.2	27.1
29	26.1	26.5	25.7	24.5	25.1	25.5	24.3	24.5	24.3	23.0	21.9	23.0	23.1	22.1	22.6	22.3	21.8	22.7	23.0	23.5	23.6	24.0	23.9	23.0	23.8	26.5	21.8
30	22.3	22.1	22.0	21.9	21.3	19.8	19.0	17.5	14.1	14.4	15.8	18.1	19.1	20.0	20.8	20.7	18.6	16.0	13.8	11.8	11.4	10.9	11.4	11.7	17.3	22.3	10.9
31	10.1	10.6	11.0	11.0	7.8	8.5	8.7	8.5	9.3	8.8	9.6	10.7	11.9	13.4	14.7	15.8	16.1	13.5	10.2	10.1	8.8	7.9	9.1	8.6	10.6	16.1	7.8
Avg	33.3	33.2	33.3	32.7	32.8	32.7	32.9	32.6	31.9	32.7	33.6	34.6	35.5	36.4	37.1	37.1	36.3	35.2	34.6	34.1	33.6	33.3	33.2	33.0	34.0	38.7	30.3
Max	50.3	49.2	49.3	49.8	50.5	50.2	51.0	51.4	44.5	44.9	47.7	48.5	48.3	54.0	54.0	53.1	54.0	50.9	50.7	49.5	50.1	49.7	50.3	49.5	48.2	54.0	42.6
Min	10.1	10.6	11.0	11.0	7.8	8.5	8.7	8.5	9.3	8.8	9.6	10.7	11.9	13.4	14.7	15.8	16.1	13.5	10.2	10.1	8.8	7.9	9.1	8.6	10.6	16.1	7.8

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
October 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	49.1	48.3	47.5	46.6	45.2	43.9	42.2	44.0	46.4	50.7	53.3	54.7	56.4	58.9	60.1	60.6	61.2	60.5	56.5	56.1	56.2	55.2	53.6	52.9	52.5	61.2	42.2
2	51.5	50.6	50.2	49.2	47.2	46.5	45.6	47.0	50.5	53.0	55.4	60.7	64.3	65.4	66.2	66.7	66.9	65.8	60.4	56.9	54.0	54.2	52.5	52.9	55.6	66.9	45.6
3	51.7	50.7	50.2	47.9	47.6	47.2	47.0	47.5	52.0	56.1	58.8	62.0	64.7	67.1	68.3	68.0	67.4	66.0	60.9	58.0	56.0	55.5	53.9	53.5	56.6	68.3	47.0
4	52.5	51.2	51.1	50.0	48.2	50.4	46.3	50.9	55.0	58.2	61.1	65.5	69.1	72.2	74.9	75.8	75.4	73.0	66.5	62.2	60.9	61.6	59.8	58.2	60.4	75.8	46.3
5	57.2	55.6	58.6	58.5	57.2	56.3	56.0	55.9	59.6	62.9	66.7	70.8	73.4	75.8	78.1	78.9	79.3	77.1	71.7	66.0	66.0	64.0	63.3	62.3	65.5	79.3	55.6
6	60.5	59.4	58.3	58.7	57.3	57.7	58.8	59.6	61.3	65.2	68.7	72.3	75.4	78.3	80.0	80.0	79.3	77.3	72.5	68.1	65.0	64.6	64.0	62.5	66.9	80.0	57.3
7	61.7	59.9	57.8	57.5	57.6	58.6	57.2	58.4	61.7	64.9	68.8	72.4	75.7	78.4	79.8	80.2	79.7	76.7	71.2	66.9	66.7	63.3	61.6	60.0	66.5	80.2	57.2
8	59.7	59.1	57.8	54.7	54.9	55.7	53.7	52.8	59.3	63.4	66.7	70.5	73.5	74.9	75.7	76.0	75.7	73.4	68.5	64.7	62.8	59.5	57.6	59.2	63.7	76.0	52.8
9	56.5	57.6	56.7	55.3	54.5	53.9	52.8	52.2	56.9	62.5	66.5	68.6	70.5	72.3	73.4	73.3	72.6	69.4	63.6	61.3	58.4	58.9	56.3	56.9	61.7	73.4	52.2
10	55.8	55.5	54.3	53.4	52.9	51.1	50.5	51.6	54.1	57.6	61.3	64.9	67.6	70.4	71.2	71.8	71.9	69.1	64.1	59.6	57.4	57.4	56.0	55.1	59.8	71.9	50.5
11	56.3	58.7	56.4	56.1	55.8	56.0	55.0	55.3	57.1	61.8	64.6	67.2	68.9	70.0	71.5	72.6	71.9	65.1	60.7	60.6	59.5	56.8	54.1	53.6	61.1	72.6	53.6
12	52.2	50.8	49.6	48.4	45.5	44.0	43.3	47.6	50.8	52.6	54.3	55.4	56.8	58.6	59.5	60.0	60.8	58.2	54.8	53.5	50.5	48.3	48.3	50.9	52.3	60.8	43.3
13	48.6	50.1	50.0	48.7	45.0	41.8	42.8	42.5	49.5	53.9	56.6	59.9	63.1	65.8	66.4	67.4	67.6	65.0	60.9	58.1	55.6	59.1	61.6	63.0	56.0	67.6	41.8
14	62.2	61.2	58.3	53.9	61.2	60.3	50.7	53.7	53.7	54.5	57.8	59.7	61.6	63.5	65.8	63.9	60.4	58.4	57.6	56.1	57.0	61.7	60.8	61.2	59.0	65.8	50.7
15	62.2	62.1	61.9	59.3	55.9	54.1	53.7	56.0	55.8	47.1	48.5	49.6	53.5	54.6	55.0	57.1	58.4	56.8	53.4	51.8	51.4	49.7	47.6	48.8	54.3	62.2	47.1
16	45.3	43.9	43.7	41.3	41.1	41.9	39.5	40.1	41.9	43.9	46.5	48.4	51.3	53.6	55.8	56.2	55.3	53.1	49.5	46.7	45.7	45.4	44.9	43.8	46.6	56.2	39.5
17	43.3	42.3	42.2	41.3	40.6	40.6	39.3	40.2	43.6	47.2	50.7	53.5	56.4	59.3	61.0	61.3	60.6	58.8	55.4	53.1	50.8	48.4	49.8	48.6	49.5	61.3	39.3
18	51.0	49.1	51.2	50.8	50.6	50.2	48.7	49.5	51.6	54.9	58.8	62.0	64.8	66.8	68.4	69.0	68.8	64.3	61.0	57.7	55.3	54.5	54.5	53.5	57.0	69.0	48.7
19	52.2	50.2	49.3	47.9	45.6	46.5	45.6	43.8	47.1	52.5	55.8	58.2	61.1	63.9	66.7	69.2	70.1	65.3	60.5	57.2	55.6	55.8	58.8	58.0	55.7	70.1	43.8
20	58.3	58.2	57.8	55.6	51.6	49.6	51.7	53.0	56.4	60.0	63.6	68.3	70.6	72.2	72.4	70.9	72.4	67.1	63.3	62.3	62.0	59.6	58.1	54.7	61.2	72.4	49.6
21	51.6	51.2	50.1	49.6	49.4	49.3	49.4	49.5	49.9	51.4	53.1	55.4	56.6	57.2	58.0	58.4	57.6	55.2	52.7	52.4	50.4	48.5	47.9	47.1	52.2	58.4	47.1
22	45.9	45.3	44.2	43.5	42.8	42.9	43.9	44.7	46.7	49.6	51.5	53.3	56.6	58.9	59.2	60.1	60.3	58.8	57.2	55.6	58.0	58.2	56.7	57.5	52.1	60.3	42.8
23	54.5	53.2	53.2	53.8	54.2	55.1	51.6	51.2	52.6	54.6	57.2	58.4	59.9	61.5	61.6	55.7	54.6	53.6	52.6	52.8	52.3	51.2	51.1	50.2	54.4	61.6	50.2
24	49.8	49.8	50.3	49.0	48.1	47.4	47.0	46.8	47.5	48.3	49.2	49.4	49.7	50.3	50.7	51.5	51.8	51.4	50.9	50.2	49.7	49.3	49.3	49.6	49.5	51.8	46.8
25	49.7	49.5	48.6	47.0	46.3	45.6	45.9	45.8	45.5	46.2	46.9	49.8	55.9	63.5	65.4	68.4	66.5	63.5	60.4	58.5	57.2	54.5	54.0	52.4	53.6	68.4	45.5
26	50.7	49.9	49.7	49.2	48.0	46.7	45.9	44.8	44.8	46.2	47.7	49.1	49.6	51.5	51.6	50.2	50.1	49.0	46.3	44.6	43.2	43.3	44.4	42.9	47.5	51.6	42.9
27	41.5	40.6	40.5	40.5	40.1	39.1	36.6	34.1	37.6	39.7	42.1	44.5	45.8	47.0	47.9	48.5	47.9	45.2	42.7	39.2	38.8	37.8	36.8	36.1	41.3	48.5	34.1
28	35.7	36.2	34.4	34.7	35.5	34.7	32.4	32.1	34.0	40.0	44.4	47.9	50.6	52.0	53.6	56.4	55.9	52.7	50.4	48.2	48.2	47.9	47.6	44.5	43.8	56.4	32.1
29	43.2	42.2	42.3	42.2	42.1	43.3	44.6	44.3	42.6	46.7	51.7	55.5	54.3	54.4	55.4	54.7	53.9	53.4	51.9	50.8	49.3	48.3	46.2	45.2	48.3	55.5	42.1
30	43.6	43.8	44.9	43.2	42.4	42.3	41.4	41.6	42.8	47.3	50.7	52.9	55.6	58.6	61.2	60.0	57.9	54.1	51.0	50.2	48.7	47.7	48.7	45.9	49.0	61.2	41.4
31	46.4	47.0	47.6	48.5	47.4	50.0	51.1	51.3	52.6	53.7	55.3	57.1	60.4	63.1	62.5	62.5	59.1	55.2	51.1	51.2	50.8	50.4	51.0	51.3	53.2	63.1	46.4
Avg	51.6	51.1	50.6	49.6	48.8	48.5	47.4	48.0	50.4	53.1	55.9	58.6	61.1	63.2	64.4	64.7	64.2	61.7	58.1	55.8	54.6	53.9	53.3	52.7	55.1	65.4	46.3
Max	62.2	62.1	61.9	59.3	61.2	60.3	58.8	59.6	61.7	65.2	68.8	72.4	75.7	78.4	80.0	80.2	79.7	77.3	72.5	68.1	66.7	64.6	64.0	63.0	66.9	80.2	57.3
Min	35.7	36.2	34.4	34.7	35.5	34.7	32.4	32.1	34.0	39.7	42.1	44.5	45.8	47.0	47.9	48.5	47.9	45.2	42.7	39.2	38.8	37.8	36.8	36.1	41.3	48.5	32.1

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
November 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	48.4	49.4	48.5	47.7	45.6	45.4	44.6	43.5	44.6	45.7	46.4	45.4	43.9	42.1	41.7	41.6	41.5	40.6	40.7	41.6	41.8	41.3	42.1	41.7	44.0	49.4	40.6
2	41.1	40.4	39.5	38.8	38.3	37.2	36.0	37.3	40.3	41.8	43.1	44.6	45.4	46.4	46.9	47.3	47.4	44.1	42.2	42.1	39.6	40.1	39.5	39.9	41.6	47.4	36.0
3	40.5	39.7	40.3	40.1	39.8	40.1	40.1	40.2	40.4	42.0	44.4	47.8	49.1	50.1	49.7	49.9	49.8	48.6	47.1	46.0	44.2	42.8	42.2	42.8	44.1	50.1	39.7
4	42.6	41.6	40.5	40.0	40.8	41.5	41.8	42.2	43.4	44.4	45.5	47.4	48.7	50.0	50.5	51.3	51.5	47.9	47.0	46.4	45.6	45.0	43.6	43.8	45.1	51.5	40.0
5	44.3	43.1	41.8	41.4	40.0	39.3	39.4	39.3	42.2	48.7	52.4	54.2	55.3	55.4	56.9	57.6	55.8	53.9	50.3	48.7	47.1	45.5	45.0	44.1	47.6	57.6	39.3
6	44.2	43.7	43.8	43.2	43.0	42.2	41.3	41.0	40.5	42.5	44.0	46.3	52.2	57.1	54.9	56.0	56.7	53.6	51.8	51.0	53.9	58.6	59.4	58.5	49.1	59.4	40.5
7	56.7	55.4	53.7	51.8	51.2	50.0	46.4	43.8	44.7	48.8	50.8	51.3	52.0	52.8	53.7	54.5	54.0	49.7	47.0	44.4	45.1	43.5	43.3	41.9	49.4	56.7	41.9
8	40.5	39.7	40.0	38.5	37.6	35.1	36.3	35.7	36.3	39.4	43.7	46.4	48.7	49.5	50.4	50.7	49.6	45.8	44.0	42.8	41.8	41.2	40.4	40.1	42.3	50.7	35.1
9	39.0	38.2	37.5	37.7	37.4	37.7	37.0	39.1	44.3	47.0	47.9	51.8	49.8	49.5	62.3	62.0	60.4	48.1	43.7	42.1	44.4	45.0	44.9	42.0	45.4	62.3	37.0
10	42.3	41.8	41.6	41.0	40.1	39.8	38.6	37.8	38.2	40.3	41.0	42.2	43.3	44.2	44.4	44.6	43.7	38.8	35.9	33.9	32.6	31.5	30.4	29.5	39.1	44.6	29.5
11	29.0	29.5	26.9	26.5	25.5	24.4	24.7	24.9	27.6	31.1	32.1	33.2	35.0	36.1	36.9	36.7	35.5	31.9	28.3	28.8	27.1	25.2	23.3	22.3	29.3	36.9	22.3
12	21.1	18.7	18.4	17.6	17.3	18.6	16.1	15.9	17.4	19.7	22.2	24.5	25.6	26.1	26.4	26.1	24.8	22.5	20.3	18.1	16.1	16.5	15.6	16.9	20.1	26.4	15.6
13	15.9	16.4	18.9	19.3	18.6	16.7	15.6	15.9	16.6	17.9	18.8	20.3	21.6	22.5	22.5	21.3	20.8	20.3	20.1	20.1	20.1	20.1	20.2	20.1	19.2	22.5	15.6
14	20.6	21.0	21.0	21.7	21.9	21.6	21.5	21.6	21.5	22.4	23.0	23.9	24.1	24.8	25.9	26.4	27.1	25.1	22.0	20.1	22.1	18.8	15.6	18.1	22.2	27.1	15.6
15	18.3	18.2	17.2	14.0	12.8	12.9	13.1	12.5	11.6	13.2	15.2	18.2	21.2	22.5	22.3	21.8	18.8	16.3	15.2	14.7	15.2	14.7	13.9	14.3	16.2	22.5	11.6
16	13.8	14.3	14.4	15.1	13.6	11.1	13.2	10.0	10.1	13.3	16.4	18.6	20.5	22.8	22.1	19.4	15.8	13.1	10.7	8.9	8.0	8.6	9.3	9.7	13.9	22.8	8.0
17	8.2	9.0	6.9	7.5	6.2	7.4	8.7	9.8	11.3	12.6	13.7	14.0	14.9	15.3	16.0	16.1	13.7	11.8	10.0	9.6	9.3	9.0	8.6	8.8	10.8	16.1	6.2
18	8.3	8.3	6.9	7.0	6.1	5.6	6.6	8.6	10.2	11.8	13.6	15.0	15.6	15.5	15.6	15.8	15.8	14.7	12.6	12.8	11.7	11.8	11.1	9.9	11.3	15.8	5.6
19	9.9	10.0	10.6	10.9	11.5	12.6	11.3	10.2	12.2	13.5	Au	Au	Au	Au	18.5	18.4	17.8	15.8	14.9	16.1	16.8	19.2	19.6	20.9	14.5	20.9	9.9
20	21.5	22.1	22.3	22.7	22.8	22.0	21.8	21.6	19.9	21.1	22.5	24.3	26.1	26.8	26.5	25.7	23.5	21.3	20.9	21.5	23.7	23.6	22.3	22.9	22.9	26.8	19.9
21	24.7	24.9	25.8	25.9	25.9	26.0	26.9	27.1	27.1	28.5	29.0	30.2	29.5	30.1	29.2	27.8	27.5	27.4	27.8	28.2	30.1	32.1	29.1	28.5	27.9	32.1	24.7
22	33.5	38.8	39.9	42.1	41.7	44.1	45.3	43.6	44.6	46.0	45.3	44.6	45.3	46.0	46.9	45.0	41.4	41.6	41.1	40.4	39.4	38.8	38.0	37.5	42.1	46.9	33.5
23	37.3	37.3	37.5	37.2	35.4	34.0	34.8	33.7	33.8	37.0	39.5	40.4	41.5	42.8	42.7	41.9	41.0	40.7	40.4	40.6	39.9	40.4	41.2	40.8	38.8	42.8	33.7
24	40.4	39.6	38.8	38.0	38.1	36.7	34.4	33.3	34.4	36.4	38.7	41.2	43.6	46.1	47.2	43.9	39.3	37.4	36.4	36.1	36.1	40.1	36.9	38.7	38.8	47.2	33.3
25	43.2	44.5	46.3	47.5	47.5	48.4	49.4	49.4	50.2	50.6	51.7	53.3	54.3	54.7	55.5	55.0	54.6	53.3	51.8	50.3	49.9	49.9	50.4	49.7	50.5	55.5	43.2
26	49.2	50.2	49.9	48.9	48.3	47.9	47.1	45.8	46.4	48.3	49.4	50.6	51.7	52.2	53.1	54.1	50.9	47.4	45.4	44.4	43.2	42.7	41.4	41.0	47.9	54.1	41.0
27	40.7	41.1	41.6	41.0	40.7	45.9	48.7	48.0	45.6	42.1	45.9	48.8	53.0	52.0	46.5	48.2	48.1	46.2	45.5	43.4	41.4	40.8	40.9	43.6	45.0	53.0	40.7
28	44.5	44.4	44.3	43.3	42.8	41.5	43.0	44.2	46.1	47.1	49.7	52.6	57.5	58.5	56.1	56.9	54.4	51.0	49.3	49.1	48.8	47.4	47.3	46.5	48.6	58.5	41.5
29	43.7	45.5	44.9	45.3	45.8	46.1	47.1	46.6	46.2	46.2	48.3	50.2	51.7	51.6	51.3	49.4	46.6	41.0	34.8	32.4	30.7	28.3	27.1	25.4	42.8	51.7	25.4
30	24.5	23.2	22.7	21.9	20.5	20.8	19.8	20.4	18.3	22.2	25.1	27.0	29.0	30.0	28.9	28.0	26.7	25.1	23.2	21.9	21.2	20.2	19.4	21.2	23.4	30.0	18.3
Avg	32.9	33.0	32.7	32.5	31.9	31.8	31.7	31.4	32.2	34.1	36.5	38.2	39.7	40.5	40.0	39.8	38.5	35.8	34.0	33.2	32.9	32.8	32.1	32.0	34.6	41.3	28.2
Max	56.7	55.4	53.7	51.8	51.2	50.0	49.4	49.4	50.2	50.6	52.4	54.2	57.5	58.5	62.3	62.0	60.4	53.9	51.8	51.0	53.9	58.6	59.4	58.5	50.5	62.3	43.2
Min	8.2	8.3	6.9	7.0	6.1	5.6	6.6	8.6	10.1	11.8	13.6	14.0	14.9	15.3	15.6	15.8	13.7	11.8	10.0	8.9	8.0	8.6	8.6	8.8	10.8	15.8	5.6

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
December 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	22.8	24.4	23.8	24.0	24.1	24.0	24.0	24.2	24.2	22.7	23.2	24.6	25.1	25.3	26.1	26.3	26.7	27.7	28.4	29.1	30.2	30.4	31.3	29.1	25.9	31.3	22.7
2	27.6	27.8	28.0	27.8	27.6	28.1	28.5	28.5	28.7	29.0	29.4	30.5	31.0	31.8	32.0	31.8	31.6	31.3	31.5	31.9	32.1	32.3	32.3	32.0	30.1	32.3	27.6
3	31.7	31.8	31.2	31.1	30.8	30.2	29.8	29.9	30.0	30.6	31.2	32.2	32.8	33.9	33.8	33.4	33.0	32.7	32.5	32.5	32.5	32.4	32.5	33.0	31.9	33.9	29.8
4	34.7	35.8	38.0	39.3	39.1	40.7	41.6	41.7	43.6	43.6	45.7	47.5	48.4	46.9	47.0	46.9	45.9	44.3	42.4	41.8	39.8	39.3	36.3	36.9	42.0	48.4	34.7
5	37.1	36.4	41.0	40.9	40.3	40.3	39.2	37.0	34.1	34.9	35.2	36.3	37.3	37.4	37.4	37.3	37.0	36.5	36.2	36.0	35.6	34.7	34.3	33.5	36.9	41.0	33.5
6	33.3	33.0	32.6	32.3	32.1	33.0	33.7	35.2	38.0	41.7	42.7	45.8	48.8	51.1	50.9	50.2	47.8	45.1	43.7	41.6	39.0	37.6	36.7	36.2	40.1	51.1	32.1
7	35.5	36.8	37.6	37.8	37.8	38.1	38.9	39.3	39.2	39.4	39.4	39.8	40.4	40.6	40.7	40.6	40.3	39.9	39.7	39.7	39.6	39.7	39.5	39.2	39.1	40.7	35.5
8	38.9	38.4	37.7	37.4	37.5	37.6	37.5	37.2	37.3	37.9	39.3	39.6	41.7	42.6	40.6	40.8	40.8	40.4	40.1	39.8	39.8	39.5	38.8	38.3	39.1	42.6	37.2
9	37.9	37.5	37.5	37.5	37.6	37.8	37.6	37.3	37.5	38.1	38.1	39.2	40.4	40.4	42.3	42.1	42.2	40.8	40.7	40.1	39.3	38.6	38.6	37.9	39.0	42.3	37.3
10	37.6	37.1	37.1	35.1	34.3	34.9	36.3	36.3	36.3	36.1	36.7	36.9	37.6	38.0	38.1	39.8	39.2	37.0	38.8	40.8	44.0	45.6	42.7	43.0	38.3	45.6	34.3
11	41.7	41.3	42.3	42.9	44.2	45.7	46.8	43.7	43.1	43.8	46.4	47.7	47.4	53.2	53.3	52.2	53.3	49.9	49.5	48.3	48.4	48.2	49.3	48.3	47.1	53.3	41.3
12	49.0	47.7	47.5	44.6	43.9	43.9	44.0	42.9	42.9	43.5	44.5	45.6	48.0	50.1	50.8	49.1	44.3	43.0	41.8	40.8	41.1	41.5	41.3	40.7	44.7	50.8	40.7
13	39.9	40.0	39.4	38.6	37.5	34.6	34.8	35.4	34.8	36.2	39.1	39.6	40.8	41.7	41.9	41.0	39.7	38.5	38.2	37.1	36.3	36.8	36.2	34.8	38.0	41.9	34.6
14	34.6	33.3	31.9	30.7	29.9	29.7	29.4	28.8	28.7	30.4	32.4	34.4	36.9	38.7	39.7	39.8	38.2	34.4	31.9	31.1	30.7	30.7	29.7	29.0	32.7	39.8	28.7
15	28.5	27.3	26.6	25.5	23.9	22.3	22.0	23.5	23.6	23.6	25.1	26.0	26.8	28.9	30.8	32.5	31.1	30.9	31.7	30.1	29.4	30.0	31.6	32.4	27.7	32.5	22.0
16	32.3	31.5	29.0	28.0	28.2	29.7	29.7	29.8	29.6	29.5	30.9	32.1	32.5	32.5	32.7	33.2	33.3	32.8	32.6	32.8	32.9	32.7	32.9	32.6	31.4	33.3	28.0
17	32.2	31.4	31.5	31.5	30.8	30.4	30.3	30.5	30.3	30.0	30.2	30.7	31.0	31.8	32.6	33.3	33.4	33.1	32.4	31.9	31.2	31.2	33.0	33.0	31.6	33.4	30.0
18	34.0	34.1	34.4	34.5	34.9	35.2	35.3	35.8	35.8	36.1	37.5	38.9	40.5	41.3	42.1	42.4	41.5	38.1	36.0	34.7	34.6	34.3	34.0	34.1	36.7	42.4	34.0
19	34.2	34.4	34.3	33.9	34.3	34.5	35.3	36.4	37.0	38.4	38.4	39.0	41.1	43.2	43.5	42.7	41.4	40.0	39.3	38.4	37.3	31.9	36.0	36.7	37.6	43.5	31.9
20	37.0	37.3	37.4	36.9	37.7	37.6	37.1	37.7	37.6	38.0	39.8	41.2	42.1	43.4	42.6	41.1	39.3	38.7	39.3	39.6	40.9	41.8	42.6	43.7	39.6	43.7	36.9
21	47.8	48.3	48.9	49.3	50.0	49.7	50.6	51.0	Pw	Pw	Pw	Pw	Pw	Pw	45.3	44.8	43.6	43.6	43.0	42.3	Pw	Pw	Pw	Pw	47.0	51.0	42.3
22	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	44.3	45.7	46.1	46.5	46.1	45.3	44.5	42.4	38.3	36.6	34.9	34.9	34.1	32.9	31.9	40.3	46.5	31.9
23	31.8	31.4	31.5	32.3	31.6	31.2	31.6	29.8	30.8	32.6	34.9	35.6	36.9	38.1	38.1	38.0	36.2	33.5	32.3	30.8	30.4	29.0	29.4	30.1	32.8	38.1	29.0
24	29.2	28.9	28.6	28.4	28.5	27.9	28.3	27.2	28.2	29.4	30.6	31.4	32.3	31.2	31.8	32.2	29.9	30.6	33.2	33.6	33.7	32.6	32.0	31.3	30.5	33.7	27.2
25	30.7	30.6	30.2	29.8	29.9	29.4	31.0	30.7	29.8	30.8	32.1	33.5	33.7	33.6	34.4	34.4	32.9	32.0	31.6	31.8	31.6	30.7	29.4	28.1	31.4	34.4	28.1
26	27.5	27.5	29.3	29.9	30.3	30.6	30.6	30.2	30.2	30.4	31.4	32.7	33.5	34.3	35.1	35.0	33.9	30.3	27.6	26.9	25.5	23.5	24.6	26.8	29.9	35.1	23.5
27	25.8	24.3	24.3	23.9	23.8	24.5	25.2	25.1	25.0	25.9	27.9	29.0	30.1	31.2	31.7	31.9	32.2	32.0	31.5	30.5	31.4	31.4	31.2	32.9	28.4	32.9	23.8
28	34.5	36.9	35.7	27.9	34.6	32.5	33.1	32.6	32.1	33.7	34.6	34.6	35.4	36.2	35.7	35.3	33.5	31.5	30.1	28.8	28.5	28.5	26.6	25.6	32.4	36.9	25.6
29	24.5	25.4	24.7	22.9	24.3	25.2	24.2	24.5	24.2	22.8	22.3	23.4	23.4	22.5	22.9	22.6	22.0	22.8	23.2	23.5	23.7	24.0	23.9	23.0	23.6	25.4	22.0
30	22.3	21.9	21.8	21.7	21.1	19.8	18.9	15.5	10.8	12.9	15.4	18.0	19.2	20.2	21.0	20.2	17.5	13.8	12.6	11.1	10.3	8.9	8.7	10.0	16.4	22.3	8.7
31	8.7	8.6	9.5	9.5	6.7	6.9	7.7	8.5	9.3	8.9	9.9	11.0	12.1	13.6	14.9	15.8	15.1	12.4	9.4	9.3	7.7	7.0	7.9	7.6	9.9	15.8	6.7
Avg	32.8	32.7	32.8	32.2	32.2	32.2	32.4	32.2	31.5	32.5	33.7	34.8	35.8	36.7	37.3	37.1	36.1	34.7	34.1	33.6	33.1	32.6	32.5	32.4	33.7	38.6	29.7
Max	49.0	48.3	48.9	49.3	50.0	49.7	50.6	51.0	43.6	44.3	46.4	47.7	48.8	53.2	53.3	52.2	53.3	49.9	49.5	48.3	48.4	48.2	49.3	48.3	47.1	53.3	42.3
Min	8.7	8.6	9.5	9.5	6.7	6.9	7.7	8.5	9.3	8.9	9.9	11.0	12.1	13.6	14.9	15.8	15.1	12.4	9.4	9.3	7.7	7.0	7.9	7.6	9.9	15.8	6.7

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
October 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.71	0.72	0.76	0.75	1.03	1.30	1.45	0.53	-0.53	-0.72	-1.01	-1.00	-1.13	-1.16	-0.98	-0.88	-0.62	0.02	1.25	1.19	0.81	0.97	1.16	1.02	0.24	1.45	-1.16
2	1.14	1.30	1.06	0.87	0.71	0.72	0.72	0.31	-0.43	-0.96	-1.12	-1.03	-1.53	-1.54	-1.29	-1.00	-0.81	-0.27	1.04	1.87	1.37	0.71	1.23	1.75	0.20	1.87	-1.54
3	2.71	2.01	2.17	1.61	1.70	1.95	1.80	1.42	-0.18	-0.77	-0.87	-1.03	-0.90	-1.31	-1.32	-1.26	-0.91	0.11	1.44	1.28	1.47	1.32	1.88	1.66	0.67	2.71	-1.32
4	1.90	2.17	2.13	2.22	1.40	1.34	2.98	0.94	-0.47	-0.94	-1.07	-1.14	-1.02	-1.07	-0.98	-0.88	-0.81	0.25	0.80	1.21	1.22	2.15	1.86	1.42	0.65	2.98	-1.14
5	2.08	2.22	2.42	1.44	1.23	1.64	1.39	0.47	-0.50	-1.04	-1.27	-1.13	-0.99	-1.00	-0.99	-0.93	-0.70	0.49	1.78	2.51	0.80	2.25	1.73	2.13	0.67	2.51	-1.27
6	2.05	2.32	2.07	1.80	3.08	2.19	1.44	0.54	-0.56	-1.05	-1.13	-1.18	-1.06	-1.03	-1.13	-1.09	-0.72	0.03	1.14	2.25	2.14	2.02	1.90	1.70	0.74	3.08	-1.18
7	2.41	1.99	2.32	1.87	2.07	2.33	1.47	0.51	-0.50	-0.89	-1.08	-1.13	-1.01	-1.02	-1.12	-1.04	-0.66	0.06	1.71	1.79	2.18	2.21	2.63	2.48	0.82	2.63	-1.13
8	2.10	1.90	1.87	2.30	1.67	2.87	1.96	1.32	-0.28	-0.94	-1.09	-1.03	-1.32	-1.28	-1.25	-0.97	-0.68	0.21	1.72	1.42	2.67	2.19	1.69	2.03	0.80	2.87	-1.32
9	1.39	1.05	1.51	1.31	1.36	1.76	1.65	2.02	-0.15	-0.69	-1.27	-1.60	-1.60	-1.57	-1.46	-0.96	-0.68	0.78	2.67	1.70	1.83	1.50	1.62	1.57	0.57	2.67	-1.60
10	1.79	1.27	1.32	2.10	1.76	2.71	2.15	1.20	-0.44	-1.01	-1.21	-1.15	-1.00	-1.26	-1.03	-0.93	-0.61	0.37	1.90	1.64	1.88	2.20	2.16	3.40	0.80	3.40	-1.26
11	2.22	1.30	1.17	0.90	1.15	0.58	0.41	0.30	-0.03	-0.35	-0.82	-1.25	-1.16	-1.06	-1.12	-0.92	-0.54	-0.27	0.57	0.29	0.42	0.35	0.22	0.29	0.11	2.22	-1.25
12	0.39	0.63	1.46	0.67	1.23	1.81	1.29	0.26	-0.30	-0.66	-1.13	-1.16	-1.25	-1.29	-1.23	-0.94	-0.73	0.11	1.26	1.10	1.02	1.76	1.71	1.32	0.31	1.81	-1.29
13	1.31	0.49	0.62	0.69	1.43	1.47	1.41	1.27	-0.41	-0.76	-0.76	-1.16	-1.16	-1.53	-1.51	-1.09	-0.66	0.15	1.41	1.33	1.35	2.05	1.40	1.39	0.36	2.05	-1.53
14	1.24	1.91	2.58	3.03	1.49	1.60	0.94	2.26	1.28	-0.49	-0.67	-0.73	-0.90	-0.85	-0.64	-0.26	0.25	0.55	0.71	0.86	0.76	2.16	1.72	1.22	0.83	3.03	-0.90
15	0.89	1.12	1.00	0.60	0.97	0.81	1.16	0.60	-0.08	-0.10	-0.16	-0.58	-0.99	-0.89	-0.80	-0.89	-0.71	0.18	1.43	1.63	0.97	1.00	1.44	1.17	0.41	1.63	-0.99
16	1.51	2.32	1.82	2.80	2.34	1.72	2.54	0.69	0.13	-0.35	-0.58	-0.91	-1.18	-1.33	-1.36	-1.11	-0.71	0.39	1.33	1.20	0.53	1.15	1.28	1.42	0.65	2.80	-1.36
17	1.37	0.43	0.88	1.22	0.96	1.41	2.20	1.28	-0.42	-1.10	-1.17	-1.16	-1.04	-1.10	-1.13	-0.70	-0.40	0.03	0.70	1.09	1.73	2.24	1.54	2.92	0.49	2.92	-1.17
18	1.44	1.41	1.05	0.96	0.98	1.25	1.05	0.47	-0.47	-1.02	-1.25	-1.25	-1.09	-1.04	-1.02	-0.83	-0.56	0.39	1.06	1.35	1.64	2.05	1.44	2.71	0.45	2.71	-1.25
19	2.31	2.18	2.01	0.80	2.27	1.84	1.36	1.55	-0.16	-0.99	-1.18	-1.31	-1.33	-1.21	-1.23	-1.07	-0.44	1.27	1.49	2.24	1.86	3.86	2.13	1.99	0.84	3.86	-1.33
20	1.80	1.76	1.41	1.59	2.02	2.51	2.28	1.11	-0.22	-0.83	-0.93	-1.24	-1.30	-1.16	-0.68	-0.54	-0.21	1.37	1.66	1.33	0.27	0.26	0.10	0.12	0.52	2.51	-1.30
21	0.13	0.22	0.18	0.51	0.34	0.11	0.14	0.05	-0.08	-0.63	-1.21	-1.33	-1.41	-1.25	-1.07	-0.87	-0.48	0.23	1.03	0.46	0.81	1.30	2.33	1.28	0.03	2.33	-1.41
22	1.45	0.90	1.43	1.51	1.44	0.90	0.27	0.09	-0.32	-0.67	-0.68	-0.71	-1.15	-1.33	-1.00	-0.65	-0.18	0.46	1.12	1.27	0.68	0.51	0.64	0.37	0.26	1.51	-1.33
23	0.52	0.68	1.08	0.95	0.70	0.52	0.52	0.50	0.23	-0.08	-0.31	-0.40	-0.74	-0.44	-0.22	0.18	0.09	0.20	0.37	0.28	0.33	0.69	0.61	0.38	0.28	1.08	-0.74
24	0.31	0.30	0.41	0.41	0.28	0.04	-0.04	-0.13	-0.20	-0.28	-0.49	-0.44	-0.37	-0.43	-0.39	-0.50	-0.37	-0.17	-0.10	-0.07	-0.01	0.16	0.32	0.15	-0.07	0.41	-0.50
25	-0.03	-0.08	-0.11	-0.16	-0.18	-0.18	-0.18	-0.17	-0.20	-0.19	-0.30	-0.75	-0.87	-0.73	-0.38	-0.23	0.00	0.41	0.77	0.65	0.42	0.18	0.16	0.20	-0.08	0.77	-0.87
26	0.15	0.11	0.09	0.09	0.20	0.53	0.20	0.17	0.02	-0.29	-0.56	-0.48	-0.46	-0.81	-0.56	0.03	0.08	0.54	1.01	1.33	1.32	0.94	0.48	0.51	0.19	1.33	-0.81
27	0.65	0.65	0.67	0.71	0.69	0.80	1.22	1.86	-0.01	-0.48	-0.80	-0.80	-0.72	-0.74	-0.83	-0.61	-0.64	0.07	0.50	1.28	1.59	0.75	1.11	1.22	0.34	1.86	-0.83
28	0.86	0.65	0.72	0.80	0.73	1.42	1.25	1.15	0.04	-0.61	-0.74	-0.84	-1.15	-1.08	-0.91	-0.69	-0.49	0.29	1.17	1.01	0.40	0.12	0.44	1.38	0.25	1.42	-1.15
29	1.57	1.64	1.06	0.83	1.30	1.75	2.13	1.52	0.28	-0.22	-0.66	-0.60	-0.70	-0.65	-0.81	-0.52	-0.29	0.29	0.51	0.55	0.31	0.37	0.94	1.68	0.51	2.13	-0.81
30	1.42	0.82	1.09	1.23	0.89	0.93	1.33	1.34	0.10	-0.76	-0.96	-1.01	-1.15	-1.12	-1.01	-0.67	-0.22	0.50	0.65	0.87	1.12	1.16	1.20	1.46	0.38	1.46	-1.15
31	1.74	1.21	1.09	1.69	0.44	0.47	0.62	0.38	0.29	0.07	-0.15	-0.50	-0.83	-1.02	-0.63	-0.33	0.06	1.01	1.36	1.19	1.30	1.14	0.79	0.61	0.50	1.74	-1.02
Avg	1.34	1.21	1.27	1.23	1.22	1.33	1.26	0.83	-0.15	-0.64	-0.86	-0.97	-1.05	-1.07	-0.97	-0.75	-0.46	0.32	1.14	1.23	1.14	1.35	1.29	1.39	0.44	2.19	-1.16
Max	2.71	2.32	2.58	3.03	3.08	2.87	2.98	2.26	1.28	0.07	-0.15	-0.40	-0.37	-0.43	-0.22	0.18	0.25	1.37	2.67	2.51	2.67	3.86	2.63	3.40	0.84	3.86	-0.50
Min	-0.03	-0.08	-0.11	-0.16	-0.18	-0.18	-0.18	-0.17	-0.56	-1.10	-1.27	-1.60	-1.60	-1.57	-1.51	-1.26	-0.91	-0.27	-0.10	-0.07	-0.01	0.12	0.10	0.12	-0.08	0.41	-1.60

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
November 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.95	0.46	0.35	0.42	0.88	0.79	0.70	0.52	0.45	0.24	-0.05	-0.12	-0.13	-0.15	-0.03	0.02	0.03	0.04	0.07	0.14	0.20	0.33	0.48	0.38	0.29	0.95	-0.15
2	0.35	0.34	0.37	0.41	0.62	0.97	1.83	1.16	0.13	-0.11	-0.39	-0.69	-0.77	-0.72	-0.54	-0.40	-0.14	1.11	1.23	0.82	1.22	0.88	0.91	1.04	0.40	1.83	-0.77
3	0.47	0.46	0.20	0.25	0.27	0.23	0.17	0.16	0.01	-0.21	-0.38	-0.93	-0.78	-0.43	-0.36	-0.36	-0.21	0.07	0.34	0.24	0.93	0.99	1.29	0.99	0.14	1.29	-0.93
4	0.88	0.65	0.73	0.64	0.57	0.35	0.33	0.27	0.16	-0.10	-0.25	-0.25	-0.47	-0.36	-0.06	-0.07	0.12	-0.01	0.04	0.10	0.15	0.10	0.07	-0.02	0.15	0.88	-0.47
5	0.19	0.28	0.49	1.38	0.99	0.86	0.90	1.02	1.35	-0.35	-0.73	-0.73	-0.86	-1.00	-0.74	-0.42	-0.16	0.39	0.89	1.33	0.93	0.64	0.61	0.92	0.34	1.38	-1.00
6	0.70	0.84	1.59	0.65	1.03	1.14	0.98	0.87	0.45	-0.25	-0.44	-0.85	-0.91	-0.93	-0.81	-0.62	-0.06	1.17	0.72	1.27	1.81	1.71	1.03	0.86	0.50	1.81	-0.93
7	1.38	0.71	0.72	0.68	0.49	0.58	1.51	2.56	0.48	-0.53	-0.84	-1.03	-1.10	-0.84	-0.68	-0.63	-0.16	1.69	1.72	1.44	1.19	1.41	2.15	1.67	0.61	2.56	-1.10
8	2.33	2.10	1.40	1.24	2.08	2.11	1.14	1.33	1.63	0.15	-0.56	-0.61	-0.93	-0.85	-0.67	-0.56	-0.07	0.94	0.74	1.11	1.07	1.15	1.19	1.85	0.80	2.33	-0.93
9	2.04	1.62	1.58	1.40	1.17	0.88	1.08	0.77	0.41	-0.08	-0.34	-0.41	-0.50	-0.62	0.01	0.16	0.63	0.41	1.17	1.49	1.56	0.88	0.57	0.80	0.70	2.04	-0.62
10	0.51	0.42	0.39	0.43	0.55	0.62	0.38	0.55	0.26	-0.17	-0.72	-1.11	-1.22	-1.00	-0.80	-0.63	-0.07	1.94	2.03	1.53	2.05	1.72	2.09	1.40	0.46	2.09	-1.22
11	2.06	1.72	1.19	1.33	1.12	1.09	1.14	1.25	0.55	-0.49	-0.92	-0.98	-1.09	-1.15	-1.08	-0.67	0.07	1.16	1.21	0.87	0.83	0.89	0.89	0.51	0.48	2.06	-1.15
12	0.49	0.70	1.05	0.78	0.79	0.58	0.56	0.63	-0.15	-0.92	-1.24	-1.38	-1.37	-1.16	-0.95	-0.69	-0.20	0.84	1.40	1.57	1.29	0.71	1.03	0.84	0.22	1.57	-1.38
13	1.09	0.38	-0.24	-0.26	-0.28	-0.26	-0.25	-0.16	-0.11	-0.13	-0.11	-0.11	-0.24	-0.25	-0.15	-0.11	-0.12	-0.09	-0.14	-0.17	-0.19	-0.21	-0.24	-0.12	-0.10	1.09	-0.28
14	-0.16	-0.17	-0.17	-0.16	-0.21	-0.18	-0.20	-0.24	-0.23	-0.22	-0.26	-0.18	-0.19	-0.31	-0.23	-0.19	0.00	1.17	2.39	2.77	1.76	2.02	2.65	1.48	0.46	2.77	-0.31
15	1.37	1.45	2.02	1.63	1.28	2.08	2.13	2.06	1.60	1.98	0.57	0.29	-0.27	0.03	0.47	0.99	3.43	2.45	1.27	1.80	1.92	1.78	2.01	2.35	1.53	3.43	-0.27
16	2.76	2.00	1.90	1.22	1.71	2.61	1.67	1.93	1.59	1.27	0.18	-0.06	-0.15	-0.25	0.06	0.67	0.82	1.69	1.53	1.88	1.91	1.13	1.62	0.81	1.27	2.76	-0.25
17	1.35	0.65	1.03	0.74	0.60	0.81	0.20	0.03	-0.08	-0.25	-0.35	-0.28	-0.38	-0.42	-0.38	-0.18	0.99	1.90	1.30	1.39	0.65	1.24	1.18	1.32	0.54	1.90	-0.42
18	0.75	0.81	1.50	1.03	0.93	0.69	1.72	1.51	0.39	-0.10	-0.34	-0.53	-0.34	-0.36	-0.33	-0.29	-0.20	0.50	0.76	0.72	0.89	0.46	0.92	1.77	0.54	1.77	-0.53
19	1.14	1.30	1.15	0.81	1.05	0.72	1.04	1.45	0.51	-0.02	Au	Au	Au	Au	-0.29	-0.25	0.19	0.49	0.69	0.62	0.44	0.00	-0.06	-0.03	0.55	1.45	-0.29
20	-0.08	-0.10	-0.06	-0.11	-0.08	-0.09	-0.05	-0.08	0.05	-0.24	-0.25	-0.30	-0.37	-0.18	-0.05	0.31	1.59	1.61	1.20	0.84	0.70	1.18	0.93	0.53	0.29	1.61	-0.37
21	0.58	0.68	0.44	0.49	0.54	0.44	0.05	0.12	0.11	-0.07	-0.19	-0.44	-0.39	-0.37	-0.13	-0.17	-0.21	-0.08	-0.16	-0.22	0.08	0.16	-0.23	-0.26	0.03	0.68	-0.44
22	0.56	1.03	1.41	1.76	2.05	1.51	1.11	1.36	0.86	0.41	0.39	0.23	0.01	-0.22	-0.26	0.05	0.18	0.34	0.47	0.42	0.38	0.39	0.74	0.75	0.66	2.05	-0.26
23	0.58	0.66	0.53	0.59	1.80	1.26	0.52	0.69	0.41	0.09	-0.15	0.01	-0.07	-0.30	-0.17	0.12	0.44	0.52	0.60	0.64	1.04	0.85	0.62	0.61	0.50	1.80	-0.30
24	0.48	0.68	0.62	0.58	0.58	0.92	1.22	1.57	0.43	-0.10	-0.39	-0.62	-0.60	-0.65	-0.39	-0.21	-0.05	0.23	0.48	0.60	0.38	0.39	0.31	0.36	0.28	1.57	-0.65
25	0.51	0.45	0.73	0.62	0.61	0.54	0.49	0.57	0.46	0.39	0.28	0.18	0.14	0.18	0.08	0.31	0.61	0.81	0.68	0.77	0.85	0.81	0.78	0.78	0.53	0.85	0.08
26	0.90	0.65	0.41	0.93	0.75	1.20	1.55	1.07	0.50	0.01	-0.14	-0.17	-0.30	-0.30	-0.22	-0.35	0.37	0.57	0.94	1.01	1.36	0.94	1.01	1.21	0.58	1.55	-0.35
27	1.26	1.17	1.15	1.14	1.22	1.69	0.82	1.26	0.97	0.09	-0.09	0.31	0.40	0.26	-0.32	-0.20	0.24	0.78	0.72	0.63	0.45	1.10	1.15	1.12	0.72	1.69	-0.32
28	0.78	0.93	0.85	1.50	0.99	0.87	0.88	1.53	0.80	0.64	0.29	0.36	-0.46	0.13	0.24	0.34	0.64	0.77	0.86	0.94	0.85	0.85	0.97	0.99	0.73	1.53	-0.46
29	1.37	1.03	0.95	0.89	0.82	0.61	0.61	0.67	0.47	0.41	-0.12	-0.48	-0.55	-0.54	-0.34	-0.02	0.41	1.12	0.59	0.49	0.42	1.18	1.30	1.70	0.54	1.70	-0.55
30	1.33	0.85	1.06	1.04	0.98	1.19	1.09	0.80	1.25	-0.11	-0.69	-0.69	-0.80	-0.81	-0.59	-0.26	0.18	0.79	1.05	0.59	1.09	1.06	1.04	0.45	0.50	1.33	-0.81
Avg	0.96	0.82	0.84	0.80	0.86	0.89	0.84	0.91	0.52	0.04	-0.28	-0.40	-0.51	-0.47	-0.32	-0.14	0.31	0.84	0.89	0.92	0.94	0.89	0.97	0.90	0.51	1.74	-0.58
Max	2.76	2.10	2.02	1.76	2.08	2.61	2.13	2.56	1.63	1.98	0.57	0.36	0.40	0.26	0.47	0.99	3.43	2.45	2.39	2.77	2.05	2.02	2.65	2.35	1.53	3.43	0.08
Min	-0.16	-0.17	-0.24	-0.26	-0.28	-0.26	-0.25	-0.24	-0.23	-0.92	-1.24	-1.38	-1.37	-1.16	-1.08	-0.69	-0.21	-0.09	-0.16	-0.22	-0.19	-0.21	-0.24	-0.26	-0.10	0.68	-1.38

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
December 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.12	-0.12	-0.22	-0.24	-0.22	-0.25	-0.22	-0.23	-0.22	-0.25	-0.31	-0.39	-0.37	-0.33	-0.36	-0.27	-0.24	-0.24	-0.26	-0.26	-0.20	-0.11	0.06	-0.05	-0.22	0.12	-0.39
2	-0.23	-0.22	-0.19	-0.19	-0.15	-0.18	-0.03	-0.15	-0.17	-0.20	-0.24	-0.49	-0.31	-0.25	-0.17	-0.15	-0.09	-0.10	-0.10	-0.03	-0.04	0.04	0.01	-0.06	-0.15	0.04	-0.49
3	-0.04	-0.06	-0.13	-0.28	-0.11	-0.10	-0.11	-0.11	-0.16	-0.16	-0.14	-0.31	-0.30	-0.41	-0.32	-0.30	-0.24	-0.18	-0.15	-0.16	-0.17	-0.12	-0.10	-0.15	-0.18	-0.04	-0.41
4	0.03	0.12	0.42	0.49	0.88	0.44	0.61	0.60	0.76	0.27	0.11	-0.32	-0.37	-0.68	-0.46	-0.28	-0.10	0.34	0.31	1.06	1.02	1.04	0.54	0.71	0.31	1.06	-0.68
5	1.20	1.45	0.87	1.27	1.17	1.17	1.21	1.82	0.72	-0.13	-0.42	-0.53	-0.55	-0.46	-0.42	-0.35	-0.29	-0.21	-0.18	-0.17	-0.15	-0.14	-0.09	-0.16	0.28	1.82	-0.55
6	-0.01	-0.11	-0.10	-0.11	-0.13	-0.17	0.02	0.05	0.57	0.94	0.17	-0.45	-0.56	-0.73	-0.52	-0.42	0.57	1.67	1.45	1.61	1.80	1.48	1.32	0.79	0.38	1.80	-0.73
7	0.30	0.33	0.18	0.10	-0.04	-0.05	0.05	0.12	-0.01	-0.14	-0.20	-0.37	-0.29	-0.36	-0.35	-0.25	-0.20	-0.16	-0.14	-0.13	-0.12	-0.12	-0.14	-0.10	-0.09	0.33	-0.37
8	-0.09	-0.13	-0.16	-0.12	-0.08	-0.11	-0.18	-0.08	-0.17	-0.25	-0.49	-0.35	-0.44	-0.41	-0.30	-0.29	-0.27	-0.16	-0.16	-0.15	-0.11	-0.14	-0.11	-0.14	-0.20	-0.08	-0.49
9	-0.15	-0.14	-0.12	-0.11	-0.10	-0.11	-0.03	0.00	-0.07	-0.18	-0.19	-0.42	-0.67	-0.34	-0.46	-0.40	0.00	-0.10	-0.11	-0.12	-0.09	-0.14	-0.09	-0.07	-0.18	0.00	-0.67
10	-0.09	-0.05	0.03	0.17	0.64	0.03	-0.08	-0.11	-0.11	-0.23	-0.33	-0.40	-0.40	-0.28	-0.27	-0.23	0.09	0.24	0.56	0.83	1.07	1.54	1.08	0.93	0.19	1.54	-0.40
11	0.83	0.61	0.95	0.81	1.65	1.67	1.70	0.96	1.38	1.09	1.32	0.76	0.37	0.76	0.77	0.94	0.77	1.05	1.18	1.14	1.66	1.48	1.06	1.25	1.09	1.70	0.37
12	1.25	1.47	1.67	0.82	0.84	1.20	1.13	0.85	0.95	0.82	0.56	-0.07	-0.18	-0.16	0.47	0.18	0.03	0.12	0.04	0.07	0.12	0.12	0.15	0.25	0.53	1.67	-0.18
13	0.45	0.33	0.24	0.33	0.44	0.67	0.72	0.41	0.58	0.05	-0.32	-0.13	-0.41	-0.69	-0.63	-0.21	0.15	0.22	0.29	0.45	0.61	0.52	0.67	0.95	0.24	0.95	-0.69
14	0.89	0.83	0.78	1.11	0.92	0.90	1.05	0.93	0.76	-0.14	-0.50	-0.64	-0.64	-0.55	-0.57	-0.40	0.39	0.57	1.55	1.43	1.76	1.82	2.01	1.74	0.67	2.01	-0.64
15	1.77	1.46	0.75	0.68	0.74	0.82	0.72	-0.06	-0.21	-0.37	-0.39	-0.35	-0.44	-0.65	-0.32	-0.05	0.04	0.02	0.02	-0.06	-0.03	0.11	0.31	0.26	0.20	1.77	-0.65
16	0.41	0.43	0.48	0.70	0.24	0.01	0.00	0.05	0.41	0.48	0.07	-0.19	-0.27	-0.24	-0.12	-0.18	-0.12	0.05	0.03	0.03	0.00	-0.01	0.01	-0.02	0.09	0.70	-0.27
17	-0.04	-0.12	-0.06	-0.08	-0.09	-0.05	-0.06	-0.08	-0.12	-0.20	-0.23	-0.28	-0.27	-0.28	-0.33	-0.42	-0.12	0.13	0.19	0.50	0.21	0.02	0.09	0.36	-0.06	0.50	-0.42
18	0.37	0.30	0.01	0.14	0.17	0.10	0.15	0.18	0.20	0.04	-0.18	-0.31	-0.52	-0.41	-0.42	-0.17	0.20	0.29	0.36	-0.04	-0.03	0.26	-0.03	0.12	0.03	0.37	-0.52
19	-0.06	0.08	0.14	0.35	0.19	0.27	0.87	0.27	0.24	0.22	0.06	-0.05	-0.33	-0.37	-0.21	0.11	0.43	1.26	1.15	1.47	1.21	0.69	1.32	0.82	0.42	1.47	-0.37
20	0.66	0.47	0.53	0.48	0.50	0.30	0.24	0.22	0.19	0.09	0.00	0.06	0.04	0.03	0.05	0.08	0.06	0.06	0.18	0.19	0.21	0.27	0.29	0.29	0.23	0.66	0.00
21	0.45	0.51	0.47	0.48	0.53	0.50	0.43	0.43	Pw	Pw	Pw	Pw	Pw	Pw	-0.11	-0.03	0.08	0.44	0.36	0.26	Pw	Pw	Pw	Pw	0.34	0.53	-0.11
22	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	0.17	-0.18	-0.49	-0.53	-0.50	-0.31	-0.07	0.52	1.63	1.71	1.22	1.41	1.57	1.50	1.74	0.63	1.74	-0.53
23	1.09	0.74	1.76	1.61	1.10	0.77	0.80	0.98	0.61	0.01	-0.33	-0.31	-0.37	-0.45	-0.58	-0.40	0.12	1.04	0.55	0.77	0.67	0.77	0.43	0.56	0.50	1.76	-0.58
24	0.73	1.08	0.92	0.69	0.76	1.16	0.62	0.56	0.18	0.12	-0.07	-0.05	0.04	-0.17	-0.01	-0.05	-0.20	-0.02	0.27	0.46	0.44	0.38	0.48	0.53	0.37	1.16	-0.20
25	0.55	0.48	0.54	0.81	0.99	0.96	0.99	0.77	0.66	0.56	0.44	0.46	0.46	0.39	0.36	0.52	0.93	1.12	0.84	0.67	0.66	0.73	1.05	1.34	0.72	1.34	0.36
26	0.92	1.03	0.67	0.70	0.94	0.80	0.46	0.61	0.53	0.60	0.48	0.22	0.15	0.09	-0.05	0.02	0.60	1.72	1.32	1.32	1.85	2.53	1.78	1.50	0.87	2.53	-0.05
27	1.17	0.85	0.59	0.63	0.43	0.18	0.22	0.26	0.32	0.18	-0.06	-0.05	0.01	0.13	0.29	0.30	0.24	0.27	0.17	0.05	0.14	0.21	0.38	0.49	0.31	1.17	-0.06
28	0.39	0.36	0.33	0.10	1.13	1.46	1.16	1.22	1.07	0.44	0.49	0.48	0.34	0.29	0.24	0.32	0.77	0.89	0.98	0.86	0.96	0.81	0.95	1.60	0.74	1.60	0.10
29	1.59	1.12	0.99	1.58	0.84	0.34	0.10	-0.05	0.11	0.19	-0.36	-0.36	-0.33	-0.37	-0.30	-0.26	-0.21	-0.19	-0.15	-0.04	-0.05	-0.06	-0.01	0.03	0.17	1.59	-0.37
30	0.08	0.12	0.16	0.21	0.16	0.08	0.10	2.02	3.32	1.60	0.40	0.08	-0.06	-0.16	-0.20	0.58	1.13	2.16	1.13	0.62	1.10	1.99	2.64	1.69	0.87	3.32	-0.20
31	1.41	2.03	1.56	1.50	1.06	1.56	0.99	0.03	-0.02	-0.07	-0.24	-0.30	-0.22	-0.21	-0.14	-0.05	1.03	1.14	0.89	0.82	1.08	0.89	1.22	1.02	0.71	2.03	-0.30
Avg	0.53	0.51	0.47	0.49	0.51	0.48	0.45	0.42	0.42	0.19	-0.04	-0.19	-0.25	-0.26	-0.19	-0.07	0.20	0.49	0.46	0.47	0.57	0.61	0.63	0.61	0.31	1.20	-0.34
Max	1.77	2.03	1.76	1.61	1.65	1.67	1.70	2.02	3.32	1.60	1.32	0.76	0.46	0.76	0.77	0.94	1.13	2.16	1.71	1.61	1.85	2.53	2.64	1.74	1.09	3.32	0.37
Min	-0.23	-0.22	-0.22	-0.28	-0.22	-0.25	-0.22	-0.23	-0.22	-0.37	-0.50	-0.64	-0.67	-0.73	-0.63	-0.42	-0.29	-0.24	-0.26	-0.26	-0.20	-0.14	-0.14	-0.16	-0.22	-0.08	-0.73

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Relative Humidity (% RH)
October 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	61.0	63.4	65.6	68.1	71.5	73.1	75.8	71.9	68.6	56.3	46.7	43.6	41.7	39.0	31.9	30.4	30.6	33.2	44.8	41.4	37.9	41.2	45.8	47.9	51.3	75.8	30.4
2	50.8	52.4	53.1	55.9	60.8	62.4	64.1	61.5	54.3	51.5	49.2	36.3	28.0	26.2	22.6	18.9	21.4	25.9	40.6	47.2	52.0	50.5	49.8	50.3	45.2	64.1	18.9
3	52.5	54.7	54.9	60.3	61.4	60.0	56.9	53.9	50.4	40.4	34.5	33.5	30.0	28.6	27.9	27.1	28.9	31.3	42.5	49.0	52.2	52.9	53.7	54.8	45.5	61.4	27.1
4	54.8	56.7	56.6	58.5	63.2	58.0	68.4	58.1	50.5	47.1	41.6	36.7	31.7	25.3	21.0	22.1	26.6	29.2	44.3	52.7	54.1	43.1	44.6	47.2	45.5	68.4	21.0
5	46.6	50.1	43.6	44.0	47.1	49.2	49.5	49.6	42.8	37.7	33.0	27.1	23.9	22.2	21.0	18.5	17.8	22.3	28.5	35.6	36.0	38.2	40.2	41.4	36.1	50.1	17.8
6	44.4	48.9	51.1	48.7	51.2	49.8	46.3	45.0	42.6	36.5	33.1	31.0	27.7	25.0	23.0	24.9	26.6	28.7	35.3	40.5	45.5	45.1	46.2	49.3	39.4	51.2	23.0
7	50.7	53.1	57.5	59.0	58.0	55.8	58.4	55.6	49.1	43.4	37.7	32.3	25.5	23.4	23.7	25.0	25.6	28.8	35.5	40.3	39.7	45.2	49.0	52.3	42.7	59.0	23.4
8	53.6	57.4	57.4	61.8	60.3	61.9	62.8	65.5	48.2	39.2	36.2	30.9	28.0	27.6	27.2	26.9	27.2	31.6	38.5	43.8	46.6	53.5	54.9	54.3	45.6	65.5	26.9
9	57.6	51.5	48.9	51.1	50.2	48.9	48.6	45.3	37.4	30.4	26.5	24.0	20.2	18.6	15.8	13.0	14.3	19.1	28.7	32.1	36.9	40.9	44.6	45.3	35.4	57.6	13.0
10	48.9	50.5	52.5	51.3	50.6	52.8	52.9	50.5	46.3	41.0	36.2	31.0	24.8	18.2	16.8	17.0	18.6	23.9	32.6	36.0	39.5	38.6	39.4	40.5	37.9	52.9	16.8
11	39.3	35.6	36.7	36.2	36.2	36.0	37.6	37.8	38.3	39.8	36.5	36.0	36.0	32.9	29.9	28.8	28.0	47.5	58.0	44.7	35.5	40.7	53.3	53.2	38.9	58.0	28.0
12	54.4	57.4	57.3	58.9	64.3	66.7	69.4	61.4	53.9	47.4	42.9	39.1	36.7	34.9	33.9	34.0	31.8	37.7	43.3	46.2	50.8	54.6	55.9	50.6	49.3	69.4	31.8
13	54.8	52.2	48.3	48.9	56.9	64.2	62.6	61.5	47.9	39.5	35.1	31.6	28.3	28.5	29.0	26.4	26.6	32.8	37.7	41.0	45.7	39.0	33.6	28.3	41.7	64.2	26.4
14	27.6	28.3	32.7	43.1	29.0	29.5	49.5	43.5	44.7	45.7	39.6	37.5	35.4	33.2	31.3	33.7	38.7	42.1	43.2	46.3	44.9	34.1	33.0	31.0	37.4	49.5	27.6
15	28.4	27.5	30.7	38.0	43.8	47.9	48.9	44.9	51.2	69.4	67.3	66.7	52.0	53.8	56.6	45.9	38.2	36.9	43.3	47.7	49.8	53.0	57.3	53.9	48.0	69.4	27.5
16	60.5	62.7	63.1	67.0	69.5	67.7	73.5	73.1	70.8	66.6	60.1	55.6	50.6	46.9	43.3	42.5	45.6	50.4	58.5	64.9	68.3	69.2	71.7	72.5	61.4	73.5	42.5
17	73.6	75.7	76.2	76.3	78.3	77.5	79.7	77.5	67.6	60.4	52.7	47.8	42.5	37.7	35.7	36.4	37.4	40.1	45.4	49.1	53.1	57.1	55.8	55.7	57.9	79.7	35.7
18	52.5	54.3	52.0	53.7	55.1	55.9	58.3	56.8	52.5	48.3	42.6	38.5	35.5	33.8	32.7	31.2	31.8	40.9	46.9	52.1	56.3	57.8	57.9	58.8	48.2	58.8	31.2
19	60.9	66.2	66.3	70.3	74.3	73.8	76.8	78.4	64.1	58.6	51.4	47.2	42.8	38.0	34.8	30.2	26.2	31.3	38.4	42.3	45.0	42.9	40.3	41.2	51.7	78.4	26.2
20	38.7	35.6	33.9	36.3	42.2	43.5	40.8	37.6	34.6	31.7	28.3	23.0	21.0	19.9	21.0	24.7	20.7	26.2	29.6	29.5	45.3	51.0	53.1	61.4	34.6	61.4	19.9
21	67.5	69.6	75.5	73.8	70.2	69.8	68.0	67.7	64.8	59.8	52.9	45.6	40.9	39.8	37.5	36.2	36.9	41.3	44.0	47.1	51.0	54.2	56.6	58.1	55.4	75.5	36.2
22	60.1	60.9	63.1	64.5	66.1	65.9	64.5	62.8	59.9	53.8	49.9	46.1	40.1	35.7	36.7	36.6	37.8	40.7	43.4	45.9	43.9	48.4	51.6	50.2	51.2	66.1	35.7
23	69.7	76.1	74.1	68.8	67.0	64.9	84.7	87.2	84.6	76.7	69.6	66.7	62.1	53.0	51.1	75.1	79.9	82.1	84.5	79.0	73.8	78.6	78.0	80.6	73.7	87.2	51.1
24	81.5	82.1	79.7	86.7	92.5	97.7	99.7	100.0	99.0	95.1	93.2	93.4	91.9	88.9	87.1	85.8	84.8	88.4	90.2	92.8	94.1	95.2	95.1	94.9	91.2	100.0	79.7
25	94.9	94.4	96.3	99.6	100.0	100.0	100.0	100.0	100.0	99.1	95.8	85.6	65.6	46.4	41.1	31.9	30.1	30.1	33.1	39.4	45.7	55.9	55.7	59.5	70.8	100.0	30.1
26	62.1	62.9	62.3	61.2	61.7	64.8	63.4	61.9	61.5	57.1	55.2	51.5	50.6	44.7	46.4	53.1	47.2	48.6	56.2	60.8	65.3	66.5	60.6	62.8	57.8	66.5	44.7
27	66.0	67.2	68.7	70.5	70.6	72.2	77.6	82.5	77.8	72.3	66.2	57.3	50.2	47.3	45.5	42.5	52.3	59.3	64.7	72.1	73.6	76.0	78.7	79.9	66.3	82.5	42.5
28	80.4	79.9	83.6	83.4	82.4	83.1	88.4	88.5	78.9	67.5	56.7	47.9	46.6	44.8	41.6	34.8	39.6	45.7	49.3	52.7	54.2	59.8	63.9	72.4	63.6	88.5	34.8
29	72.4	73.9	76.4	78.1	77.0	75.0	74.0	73.2	74.8	70.1	63.7	56.7	58.3	57.8	57.8	60.8	62.2	63.0	66.5	68.9	73.2	75.2	79.0	80.5	69.5	80.5	56.7
30	84.2	84.3	82.6	85.1	88.0	88.1	90.6	88.6	83.4	75.1	68.7	63.0	57.4	50.9	45.0	48.2	54.6	63.5	70.5	72.1	74.4	75.4	74.8	78.2	72.8	90.6	45.0
31	78.1	76.5	74.3	71.8	73.2	64.6	61.0	61.5	56.6	51.8	47.8	45.4	37.6	32.4	34.4	36.5	48.4	56.0	62.7	63.1	64.0	64.3	64.3	64.2	57.9	78.1	32.4
Avg	59.0	60.1	60.5	62.3	63.6	63.9	66.2	64.6	59.9	55.1	50.0	45.4	40.8	37.3	35.6	35.5	36.7	41.2	47.8	50.8	53.2	54.8	56.1	57.1	52.4	70.4	32.4
Max	94.9	94.4	96.3	99.6	100.0	100.0	100.0	100.0	100.0	99.1	95.8	93.4	91.9	88.9	87.1	85.8	84.8	88.4	90.2	92.8	94.1	95.2	95.1	94.9	91.2	100.0	79.7
Min	27.6	27.5	30.7	36.2	29.0	29.5	37.6	37.6	34.6	30.4	26.5	23.0	20.2	18.2	15.8	13.0	14.3	19.1	28.5	29.5	35.5	34.1	33.0	28.3	34.6	49.5	13.0

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Relative Humidity (% RH)
November 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	71.0	66.7	67.8	68.9	74.0	74.8	76.4	79.6	80.1	85.2	86.2	89.7	93.2	90.8	88.3	89.5	89.9	91.2	90.3	89.5	88.9	90.8	86.8	82.2	83.0	93.2	66.7
2	78.6	75.7	73.0	72.4	72.5	75.3	78.4	75.9	69.9	67.9	65.0	59.0	55.7	52.1	52.0	49.9	49.2	62.1	67.0	69.7	72.5	73.2	75.0	75.5	67.4	78.6	49.2
3	71.6	74.0	73.5	75.0	76.6	77.4	77.4	77.9	79.6	78.4	73.7	68.7	67.0	65.3	69.7	68.8	70.6	76.2	80.1	83.9	87.0	88.4	87.6	82.3	76.3	88.4	65.3
4	79.6	81.1	83.0	82.4	81.0	78.6	77.5	76.3	73.2	72.4	73.5	70.3	69.4	67.8	70.1	72.5	73.2	81.8	83.1	86.4	89.0	89.8	96.2	94.8	79.3	96.2	67.8
5	93.7	95.9	98.6	96.2	97.7	99.4	99.7	98.4	92.2	81.7	71.5	65.2	64.6	68.9	65.3	62.0	66.1	72.2	82.4	87.5	90.2	95.0	96.0	98.2	84.9	99.7	62.0
6	98.8	98.1	97.1	99.3	98.7	98.7	99.7	100.0	100.0	100.0	99.8	92.4	76.2	66.1	72.9	66.9	66.3	75.3	80.6	82.0	72.1	53.9	52.8	54.6	83.4	100.0	52.8
7	58.2	61.6	64.6	65.2	61.7	62.9	70.7	77.2	73.7	63.4	58.8	58.1	56.9	50.7	48.9	44.2	45.6	60.0	65.8	71.1	70.1	73.5	72.6	75.0	62.9	77.2	44.2
8	78.3	79.0	79.5	83.2	83.4	89.8	88.1	87.5	86.8	81.8	73.9	64.3	62.8	61.5	61.5	61.5	65.0	76.3	79.8	81.6	85.0	84.5	84.5	86.0	77.7	89.8	61.5
9	87.1	89.7	91.2	91.4	91.1	92.0	94.1	91.9	81.2	77.5	75.0	66.8	70.6	72.0	41.1	39.2	40.3	69.8	81.6	85.3	81.4	74.1	64.1	60.6	75.4	94.1	39.2
10	52.5	56.6	58.0	61.2	64.2	66.7	76.2	77.9	74.4	65.1	63.6	59.6	49.1	45.5	42.6	40.1	44.4	58.7	64.2	69.0	71.5	72.0	73.9	74.9	61.7	77.9	40.1
11	73.2	68.4	73.9	72.7	74.8	76.0	72.6	70.3	62.0	52.9	50.1	46.7	41.7	37.9	36.7	36.9	38.3	44.8	47.1	41.2	50.1	64.2	68.3	67.4	57.0	76.0	36.7
12	66.4	68.8	61.7	51.2	45.7	39.3	42.4	41.2	38.1	35.1	32.3	29.0	28.6	27.4	27.6	28.0	29.4	35.3	41.0	47.1	51.7	53.1	57.4	57.1	43.1	68.8	27.4
13	60.7	62.8	53.5	52.4	54.1	76.3	89.1	90.6	89.4	89.8	90.2	90.0	91.4	91.3	92.5	91.8	92.4	93.4	94.0	94.4	94.4	94.5	94.9	95.0	84.1	95.0	52.4
14	94.6	94.2	94.6	94.0	94.5	95.1	95.2	95.2	95.0	94.1	93.6	92.6	92.6	91.0	90.9	90.2	86.4	88.8	88.2	87.9	78.3	75.5	76.9	69.0	89.5	95.2	69.0
15	64.4	62.9	63.1	66.5	68.5	67.1	65.4	66.9	62.3	63.5	65.6	59.2	43.9	47.0	49.3	51.3	61.3	69.2	72.8	70.8	68.2	66.5	68.2	68.8	63.0	72.8	43.9
16	69.9	72.3	76.9	71.2	71.6	75.8	74.0	76.8	75.6	70.0	69.6	68.2	67.5	65.3	63.5	69.8	76.3	80.7	85.0	87.4	88.9	89.3	87.3	86.5	75.8	89.3	63.5
17	88.0	86.9	90.3	90.6	89.4	88.1	87.2	87.8	86.7	84.6	86.3	85.6	83.8	83.0	80.3	78.4	77.4	85.6	87.0	87.7	88.9	89.4	91.3	89.5	86.4	91.3	77.4
18	89.3	88.7	89.0	90.7	87.3	86.5	86.8	87.7	88.3	88.0	86.6	84.3	82.5	81.3	81.9	83.9	86.4	88.3	90.0	89.3	91.1	91.1	89.0	88.0	87.3	91.1	81.3
19	89.1	88.7	87.8	89.0	88.9	89.8	89.7	90.4	91.1	87.2	Au	Au	Au	Au	76.9	78.9	80.2	84.3	86.0	84.6	85.1	82.0	83.6	81.7	85.7	91.1	76.9
20	82.9	84.5	84.3	84.7	86.5	90.7	91.0	92.4	91.2	87.9	82.4	77.4	76.8	77.3	74.5	76.3	80.0	86.7	88.7	88.9	87.4	86.7	87.6	88.9	84.8	92.4	74.5
21	87.7	88.5	87.7	86.9	87.8	87.3	86.8	87.2	86.8	82.6	78.0	72.9	77.6	75.2	83.5	85.8	87.5	89.2	90.2	93.5	97.3	96.5	98.9	99.6	87.3	99.6	72.9
22	97.9	92.8	90.2	84.4	85.0	83.0	80.7	84.1	77.1	69.6	64.0	64.0	62.9	61.7	59.1	66.3	77.3	66.6	61.7	63.8	65.6	62.8	61.7	64.2	72.8	97.9	59.1
23	63.9	64.4	63.0	63.2	68.0	72.9	72.5	76.3	76.7	70.8	66.6	65.2	62.9	61.4	61.0	61.8	63.5	62.5	63.3	61.7	61.3	60.1	58.6	60.4	65.1	76.7	58.6
24	62.4	65.3	67.8	70.7	70.8	74.7	80.2	82.2	78.8	75.0	71.0	67.2	62.1	56.3	55.1	66.8	80.5	83.9	85.5	86.9	86.2	73.6	84.8	79.8	73.6	86.9	55.1
25	65.4	64.3	66.0	68.0	72.3	71.7	72.0	73.2	71.8	71.8	70.3	67.4	64.8	63.7	61.8	62.5	62.9	66.1	70.0	72.9	72.3	70.7	68.5	69.8	68.3	73.2	61.8
26	71.3	66.5	65.9	67.1	67.5	67.0	70.8	75.5	73.3	69.3	67.7	62.9	60.6	59.2	55.4	46.1	68.3	79.9	85.9	87.1	86.5	89.5	93.1	93.8	72.1	93.8	46.1
27	96.2	94.2	91.9	92.4	93.5	74.1	62.3	63.4	71.3	88.8	79.8	74.6	67.0	70.9	85.5	80.9	80.6	85.6	86.6	91.2	99.1	97.8	96.6	90.2	83.9	99.1	62.3
28	84.9	81.2	79.8	78.7	72.8	77.7	67.1	58.8	50.3	47.6	44.5	36.3	27.3	18.1	32.3	30.5	39.6	54.9	60.2	61.6	60.4	62.8	63.6	67.0	56.6	84.9	18.1
29	73.9	71.1	73.1	72.1	68.1	67.5	65.2	66.3	71.5	71.5	67.0	61.6	50.0	49.8	44.4	39.0	35.5	48.3	66.5	65.8	65.0	67.6	66.3	70.6	62.4	73.9	35.5
30	72.0	75.9	77.3	77.8	81.1	78.8	79.7	77.1	80.0	68.3	57.7	49.5	44.1	48.4	56.1	57.6	62.5	66.8	71.2	73.5	74.3	77.7	79.6	78.3	69.4	81.1	44.1
Avg	77.5	77.4	77.5	77.3	77.6	78.5	79.0	79.5	77.6	74.7	71.2	67.2	63.9	62.3	62.7	62.6	65.9	72.8	76.5	78.1	78.7	78.2	78.9	78.3	74.0	87.5	55.5
Max	98.8	98.1	98.6	99.3	98.7	99.4	99.7	100.0	100.0	100.0	99.8	92.6	93.2	91.3	92.5	91.8	92.4	93.4	94.0	94.4	99.1	97.8	98.9	99.6	89.5	100.0	81.3
Min	52.5	56.6	53.5	51.2	45.7	39.3	42.4	41.2	38.1	35.1	32.3	29.0	27.3	18.1	27.6	28.0	29.4	35.3	41.0	41.2	50.1	53.1	52.8	54.6	43.1	68.8	18.1

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Relative Humidity (% RH)
December 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	76.3	73.8	77.4	70.5	69.7	73.7	74.1	73.6	76.4	91.8	91.6	86.5	85.9	87.3	85.8	89.3	90.1	90.4	92.5	96.2	97.0	96.5	94.9	95.9	84.9	97.0	69.7
2	99.2	98.6	97.2	96.4	94.9	95.4	95.6	96.5	98.1	97.5	96.0	90.2	90.8	95.3	97.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.4	100.0	90.2
3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4	100.0	99.5	97.2	95.5	96.0	93.9	93.4	92.7	88.1	88.9	84.0	82.3	79.2	84.0	83.1	85.8	91.3	96.1	99.0	96.7	97.6	97.5	100.0	100.0	92.6	100.0	79.2
5	99.5	99.5	93.6	91.6	92.0	90.9	90.3	93.8	98.3	97.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	94.6	99.5	90.3
6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	94.0	75.9	72.0	52.5	50.6	54.1	49.8	61.7	65.2	73.0	71.9	73.6	70.1	71.7	66.9	94.0	49.8
12	68.9	72.3	72.8	80.3	83.3	84.0	83.1	86.5	84.3	83.8	81.8	79.6	72.5	64.6	65.4	67.1	73.4	75.5	80.4	81.9	78.0	76.8	73.7	73.3	76.8	86.5	64.6
13	73.5	73.0	71.5	70.8	71.5	80.1	78.2	72.2	72.2	66.4	61.5	63.3	60.5	59.7	60.2	63.1	67.3	70.6	69.7	68.1	67.9	65.3	66.1	68.9	68.4	80.1	59.7
14	67.9	70.3	74.7	77.5	78.5	79.7	78.9	81.1	80.8	77.8	73.6	70.9	64.6	55.7	51.4	52.3	57.7	70.8	76.1	77.9	79.2	77.7	79.8	82.1	72.4	82.1	51.4
15	83.4	84.7	87.5	89.5	92.1	96.3	98.7	99.3	98.1	97.8	98.3	98.1	97.8	96.1	89.4	80.8	85.9	87.6	84.2	94.6	99.6	99.7	95.8	90.4	92.7	99.7	80.8
16	88.6	90.4	97.3	99.0	99.7	99.6	99.9	100.0	100.0	98.8	95.8	90.1	91.1	95.8	98.0	98.2	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.5	100.0	88.6
17	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	98.6	97.1	99.8	100.0	97.1
18	92.5	90.9	91.1	94.7	91.5	90.9	91.0	90.6	91.0	89.4	87.2	86.3	82.2	80.5	77.2	77.4	82.1	94.9	99.0	100.0	100.0	100.0	100.0	100.0	90.9	100.0	77.2
19	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.2	95.4	92.1	94.7	93.4	89.3	84.2	84.9	86.0	87.2	89.1	88.7	91.1	90.5	99.1	91.4	88.2	93.5	100.0	84.2
20	88.9	90.0	90.2	92.0	92.7	92.9	96.4	95.1	95.0	94.9	90.9	88.3	88.2	84.7	90.9	92.3	95.5	96.6	94.7	96.2	94.6	91.8	89.9	88.5	92.1	96.6	84.7
21	77.8	76.3	74.7	74.3	73.9	75.0	73.6	73.4	Pw	Pw	Pw	Pw	Pw	Pw	86.1	92.0	95.2	89.9	89.9	93.9	Pw	Pw	Pw	Pw	81.9	95.2	73.4
22	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	73.8	70.0	66.9	54.4	47.9	45.0	47.4	51.2	65.7	69.2	73.4	74.1	75.6	79.6	81.2	65.0	81.2	45.0
23	82.3	83.3	83.5	80.7	82.0	82.1	78.9	82.5	80.2	77.3	73.4	73.8	71.6	70.4	71.7	73.1	81.0	88.0	90.2	93.7	95.2	97.9	98.0	97.2	82.8	98.0	70.4
24	96.9	96.7	96.6	98.1	95.7	94.3	94.6	96.0	96.2	94.1	91.2	94.1	93.0	96.7	99.0	99.7	99.5	100.0	99.6	95.3	88.4	83.1	81.3	73.1	93.9	100.0	73.1
25	69.2	67.4	68.3	69.7	68.3	69.6	69.5	69.0	70.2	66.0	62.4	60.9	61.9	63.1	62.2	63.9	67.8	71.9	72.2	71.7	72.9	74.9	75.6	74.4	68.5	75.6	60.9
26	73.9	75.3	72.5	70.6	70.7	67.6	68.9	71.7	67.9	62.2	61.0	56.8	56.3	53.3	52.5	54.2	57.0	66.3	70.5	72.7	74.9	79.4	77.4	71.4	66.9	79.4	52.5
27	73.4	76.6	77.1	78.1	79.0	79.7	79.9	79.5	79.4	77.3	74.2	73.3	73.2	71.5	72.4	74.1	75.3	78.8	85.1	95.6	90.8	89.6	88.1	82.4	79.3	95.6	71.5
28	81.3	84.8	86.7	97.6	81.9	73.6	65.9	68.1	68.8	62.5	62.5	64.3	64.7	60.4	61.8	62.4	66.1	69.4	71.4	74.0	75.0	72.3	72.1	72.9	71.7	97.6	60.4
29	77.2	76.6	79.2	81.2	81.7	79.5	83.5	88.2	94.2	93.7	90.8	89.5	89.1	92.7	92.5	94.4	95.8	95.5	96.0	95.4	95.9	96.7	94.3	92.5	89.4	96.7	76.6
30	91.9	91.8	89.9	83.1	76.9	76.0	77.5	78.6	81.0	72.7	56.0	59.5	56.8	57.8	47.9	60.8	66.0	76.9	77.5	78.6	79.4	81.4	82.1	81.4	74.2	91.9	47.9
31	83.1	81.4	81.4	81.5	83.7	82.4	81.6	81.1	81.9	83.6	81.3	79.8	76.7	72.0	66.5	56.6	67.9	79.1	86.2	84.7	86.7	86.8	85.6	84.0	79.8	86.8	56.6
Avg	85.2	85.5	85.9	86.4	85.7	85.7	85.6	86.2	86.8	85.0	82.2	80.2	78.0	76.1	75.7	77.0	80.0	84.6	86.3	88.2	87.9	88.2	87.3	86.1	84.0	93.6	71.4
Max	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Min	67.9	67.4	68.3	69.7	68.3	67.6	65.9	68.1	67.9	62.2	56.0	56.8	54.4	47.9	45.0	47.4	49.8	61.7	65.2	68.1	67.9	65.3	66.1	68.9	65.0	75.6	45.0

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Barometric Pressure (InHg)
October 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	26.56	26.58	26.59	26.59	26.60	26.61	26.63	26.64	26.65	26.67	26.67	26.66	26.64	26.63	26.61	26.62	26.61	26.61	26.61	26.62	26.62	26.63	26.63	26.63	26.62	26.67	26.56
2	26.63	26.64	26.65	26.66	26.65	26.64	26.65	26.68	26.69	26.70	26.71	26.71	26.70	26.70	26.70	26.69	26.69	26.70	26.71	26.73	26.75	26.76	26.77	26.78	26.70	26.78	26.63
3	26.79	26.79	26.80	26.80	26.81	26.82	26.83	26.84	26.85	26.85	26.85	26.84	26.83	26.81	26.79	26.79	26.78	26.78	26.77	26.78	26.78	26.78	26.78	26.77	26.80	26.85	26.77
4	26.77	26.78	26.78	26.77	26.77	26.76	26.76	26.76	26.77	26.77	26.76	26.75	26.73	26.71	26.68	26.66	26.65	26.64	26.64	26.66	26.66	26.66	26.66	26.66	26.72	26.78	26.64
5	26.66	26.66	26.65	26.65	26.66	26.66	26.66	26.67	26.67	26.68	26.68	26.67	26.66	26.64	26.62	26.60	26.58	26.57	26.57	26.58	26.58	26.59	26.59	26.60	26.63	26.68	26.57
6	26.60	26.59	26.59	26.58	26.58	26.58	26.58	26.59	26.60	26.61	26.60	26.59	26.57	26.54	26.52	26.50	26.50	26.49	26.49	26.50	26.50	26.51	26.52	26.52	26.55	26.61	26.49
7	26.52	26.52	26.53	26.53	26.52	26.52	26.52	26.53	26.54	26.54	26.54	26.53	26.51	26.49	26.47	26.45	26.44	26.43	26.43	26.44	26.44	26.44	26.44	26.45	26.49	26.54	26.43
8	26.45	26.45	26.46	26.45	26.46	26.46	26.47	26.48	26.49	26.49	26.50	26.49	26.47	26.45	26.43	26.42	26.41	26.41	26.42	26.43	26.42	26.44	26.46	26.46	26.45	26.50	26.41
9	26.47	26.48	26.48	26.48	26.48	26.48	26.49	26.50	26.51	26.52	26.52	26.52	26.51	26.49	26.48	26.47	26.47	26.48	26.49	26.50	26.51	26.52	26.53	26.53	26.50	26.53	26.47
10	26.54	26.54	26.54	26.54	26.55	26.56	26.56	26.57	26.59	26.60	26.60	26.59	26.58	26.57	26.55	26.54	26.54	26.53	26.54	26.55	26.56	26.56	26.56	26.55	26.56	26.60	26.53
11	26.55	26.56	26.55	26.55	26.55	26.55	26.55	26.55	26.56	26.56	26.55	26.53	26.52	26.50	26.48	26.46	26.45	26.46	26.49	26.51	26.52	26.55	26.57	26.60	26.53	26.60	26.45
12	26.61	26.63	26.65	26.65	26.67	26.68	26.70	26.72	26.74	26.75	26.74	26.74	26.72	26.70	26.69	26.68	26.67	26.67	26.68	26.68	26.68	26.66	26.66	26.65	26.68	26.75	26.61
13	26.67	26.67	26.65	26.64	26.65	26.64	26.66	26.66	26.66	26.66	26.65	26.64	26.60	26.57	26.54	26.52	26.49	26.47	26.46	26.45	26.45	26.44	26.42	26.42	26.57	26.67	26.42
14	26.42	26.42	26.42	26.41	26.41	26.40	26.41	26.41	26.41	26.42	26.41	26.39	26.36	26.33	26.29	26.27	26.26	26.24	26.22	26.20	26.17	26.16	26.16	26.16	26.32	26.42	26.16
15	26.17	26.17	26.18	26.17	26.18	26.19	26.20	26.21	26.25	26.32	26.35	26.39	26.41	26.41	26.42	26.43	26.45	26.47	26.50	26.52	26.54	26.56	26.57	26.57	26.36	26.57	26.17
16	26.58	26.58	26.57	26.56	26.57	26.58	26.58	26.59	26.60	26.61	26.61	26.60	26.59	26.57	26.55	26.54	26.53	26.52	26.52	26.52	26.52	26.51	26.51	26.51	26.56	26.61	26.51
17	26.50	26.49	26.49	26.49	26.49	26.48	26.48	26.48	26.49	26.49	26.49	26.48	26.46	26.44	26.43	26.43	26.43	26.44	26.44	26.45	26.45	26.47	26.48	26.48	26.47	26.50	26.43
18	26.49	26.50	26.50	26.51	26.52	26.53	26.54	26.55	26.56	26.57	26.57	26.57	26.56	26.54	26.52	26.51	26.50	26.50	26.50	26.51	26.52	26.51	26.51	26.50	26.52	26.57	26.49
19	26.50	26.50	26.50	26.49	26.49	26.49	26.49	26.50	26.51	26.51	26.51	26.50	26.48	26.45	26.43	26.41	26.39	26.38	26.39	26.39	26.38	26.38	26.38	26.38	26.45	26.51	26.38
20	26.37	26.37	26.37	26.37	26.37	26.38	26.37	26.38	26.39	26.39	26.38	26.37	26.34	26.31	26.29	26.28	26.26	26.25	26.25	26.24	26.23	26.25	26.29	26.34	26.33	26.39	26.23
21	26.36	26.39	26.39	26.38	26.39	26.41	26.42	26.45	26.48	26.50	26.51	26.52	26.52	26.52	26.51	26.51	26.52	26.52	26.52	26.53	26.53	26.53	26.54	26.55	26.48	26.55	26.36
22	26.54	26.55	26.55	26.54	26.55	26.55	26.55	26.56	26.57	26.57	26.57	26.57	26.55	26.53	26.50	26.50	26.48	26.47	26.47	26.46	26.47	26.48	26.49	26.49	26.52	26.57	26.46
23	26.47	26.47	26.47	26.46	26.45	26.47	26.49	26.49	26.49	26.49	26.50	26.49	26.48	26.47	26.47	26.49	26.51	26.53	26.53	26.54	26.55	26.56	26.57	26.56	26.50	26.57	26.45
24	26.57	26.57	26.56	26.55	26.56	26.57	26.57	26.58	26.59	26.59	26.59	26.58	26.56	26.54	26.52	26.51	26.50	26.48	26.47	26.47	26.46	26.45	26.45	26.44	26.53	26.59	26.44
25	26.43	26.42	26.40	26.38	26.36	26.35	26.34	26.33	26.33	26.33	26.33	26.32	26.30	26.27	26.27	26.26	26.26	26.26	26.29	26.31	26.34	26.36	26.37	26.38	26.33	26.43	26.26
26	26.40	26.43	26.45	26.47	26.49	26.51	26.51	26.52	26.54	26.55	26.55	26.55	26.55	26.53	26.52	26.52	26.52	26.52	26.53	26.54	26.55	26.56	26.57	26.58	26.52	26.58	26.40
27	26.59	26.60	26.61	26.62	26.62	26.62	26.63	26.63	26.65	26.67	26.68	26.68	26.66	26.64	26.63	26.62	26.62	26.61	26.62	26.62	26.63	26.63	26.63	26.63	26.63	26.68	26.59
28	26.63	26.64	26.64	26.64	26.64	26.64	26.65	26.66	26.68	26.69	26.69	26.68	26.67	26.64	26.62	26.61	26.60	26.59	26.58	26.58	26.59	26.61	26.61	26.62	26.63	26.69	26.58
29	26.62	26.62	26.62	26.62	26.62	26.64	26.65	26.65	26.67	26.69	26.68	26.70	26.69	26.69	26.68	26.68	26.68	26.67	26.66	26.67	26.66	26.66	26.67	26.66	26.66	26.70	26.62
30	26.66	26.66	26.65	26.64	26.62	26.61	26.62	26.62	26.63	26.63	26.62	26.60	26.57	26.54	26.51	26.49	26.48	26.47	26.46	26.44	26.43	26.41	26.40	26.38	26.55	26.66	26.38
31	26.36	26.35	26.34	26.33	26.31	26.31	26.31	26.31	26.33	26.33	26.33	26.32	26.31	26.29	26.28	26.26	26.26	26.25	26.24	26.23	26.22	26.21	26.20	26.18	26.29	26.36	26.18
Avg	26.53	26.54	26.54	26.53	26.54	26.54	26.54	26.55	26.56	26.57	26.57	26.57	26.55	26.53	26.52	26.51	26.50	26.50	26.50	26.50	26.51	26.51	26.52	26.52	26.53	26.60	26.45
Max	26.79	26.79	26.80	26.80	26.81	26.82	26.83	26.84	26.85	26.85	26.85	26.84	26.83	26.81	26.79	26.79	26.78	26.78	26.77	26.78	26.78	26.78	26.78	26.78	26.80	26.85	26.77
Min	26.17	26.17	26.18	26.17	26.18	26.19	26.20	26.21	26.25	26.32	26.33	26.32	26.30	26.27	26.27	26.26	26.26	26.24	26.22	26.20	26.17	26.16	26.16	26.16	26.29	26.36	26.16

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Barometric Pressure (InHg)
November 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	26.18	26.15	26.14	26.12	26.11	26.10	26.08	26.07	26.09	26.09	26.08	26.09	26.08	26.08	26.10	26.12	26.15	26.19	26.22	26.26	26.29	26.32	26.35	26.37	26.16	26.37	26.07
2	26.39	26.41	26.45	26.48	26.50	26.51	26.52	26.54	26.56	26.58	26.59	26.60	26.59	26.59	26.58	26.59	26.59	26.61	26.62	26.63	26.63	26.64	26.65	26.65	26.56	26.65	26.39
3	26.65	26.66	26.65	26.66	26.66	26.68	26.68	26.70	26.71	26.73	26.74	26.74	26.74	26.73	26.73	26.73	26.74	26.74	26.74	26.74	26.75	26.75	26.76	26.76	26.72	26.76	26.65
4	26.75	26.75	26.74	26.73	26.72	26.72	26.71	26.73	26.76	26.76	26.76	26.76	26.75	26.73	26.73	26.73	26.73	26.75	26.77	26.78	26.78	26.80	26.81	26.83	26.75	26.83	26.71
5	26.82	26.82	26.83	26.82	26.82	26.82	26.82	26.83	26.85	26.86	26.86	26.86	26.84	26.83	26.81	26.80	26.80	26.80	26.80	26.80	26.80	26.79	26.78	26.78	26.82	26.86	26.78
6	26.77	26.76	26.75	26.74	26.73	26.71	26.71	26.70	26.70	26.70	26.70	26.68	26.65	26.62	26.61	26.61	26.60	26.61	26.62	26.61	26.62	26.63	26.65	26.67	26.67	26.77	26.60
7	26.68	26.70	26.72	26.73	26.72	26.74	26.76	26.77	26.80	26.82	26.83	26.83	26.83	26.81	26.80	26.80	26.81	26.82	26.82	26.81	26.81	26.81	26.81	26.82	26.79	26.83	26.68
8	26.82	26.81	26.81	26.81	26.81	26.80	26.81	26.81	26.82	26.83	26.82	26.81	26.80	26.77	26.75	26.74	26.72	26.72	26.71	26.70	26.69	26.68	26.67	26.66	26.77	26.83	26.66
9	26.65	26.63	26.61	26.59	26.56	26.54	26.52	26.50	26.47	26.45	26.42	26.38	26.37	26.34	26.30	26.27	26.25	26.25	26.25	26.27	26.28	26.31	26.32	26.34	26.41	26.65	26.25
10	26.34	26.35	26.36	26.38	26.40	26.43	26.46	26.48	26.50	26.53	26.55	26.56	26.55	26.53	26.53	26.52	26.52	26.51	26.50	26.51	26.51	26.51	26.51	26.51	26.48	26.56	26.34
11	26.51	26.52	26.52	26.53	26.53	26.54	26.54	26.56	26.57	26.59	26.60	26.61	26.60	26.59	26.59	26.58	26.59	26.59	26.60	26.61	26.62	26.64	26.65	26.66	26.58	26.66	26.51
12	26.67	26.69	26.70	26.71	26.72	26.73	26.74	26.75	26.76	26.76	26.77	26.76	26.75	26.72	26.70	26.69	26.69	26.69	26.68	26.69	26.69	26.68	26.67	26.66	26.71	26.77	26.66
13	26.65	26.63	26.60	26.58	26.57	26.56	26.55	26.54	26.53	26.52	26.51	26.50	26.49	26.47	26.46	26.46	26.46	26.45	26.45	26.44	26.44	26.44	26.44	26.44	26.51	26.65	26.44
14	26.43	26.41	26.40	26.38	26.38	26.37	26.37	26.36	26.37	26.37	26.37	26.36	26.37	26.36	26.37	26.38	26.40	26.42	26.44	26.46	26.48	26.50	26.55	26.57	26.41	26.57	26.36
15	26.58	26.59	26.60	26.62	26.64	26.66	26.67	26.69	26.70	26.70	26.71	26.73	26.74	26.74	26.75	26.76	26.77	26.79	26.83	26.85	26.85	26.86	26.88	26.90	26.73	26.90	26.58
16	26.92	26.94	26.95	26.97	26.98	26.98	26.98	26.98	26.99	26.97	26.97	26.98	26.97	26.97	26.96	26.94	26.94	26.94	26.96	26.97	26.97	26.98	26.99	26.99	26.97	26.99	26.92
17	26.99	26.99	26.98	26.98	26.97	26.96	26.96	26.97	26.97	26.97	26.97	26.96	26.95	26.93	26.91	26.91	26.90	26.90	26.91	26.92	26.92	26.92	26.92	26.91	26.94	26.99	26.90
18	26.91	26.91	26.90	26.88	26.87	26.87	26.86	26.86	26.86	26.86	26.85	26.84	26.83	26.81	26.79	26.77	26.76	26.76	26.76	26.76	26.76	26.75	26.76	26.75	26.82	26.91	26.75
19	26.75	26.75	26.74	26.73	26.72	26.71	26.70	26.71	26.71	26.70	Au	Au	Au	Au	26.61	26.59	26.59	26.58	26.59	26.59	26.59	26.58	26.58	26.57	26.65	26.75	26.57
20	26.58	26.58	26.58	26.57	26.57	26.58	26.58	26.58	26.59	26.60	26.60	26.60	26.59	26.57	26.56	26.55	26.54	26.53	26.53	26.53	26.52	26.52	26.52	26.51	26.56	26.60	26.51
21	26.51	26.51	26.50	26.50	26.49	26.49	26.50	26.49	26.50	26.51	26.50	26.50	26.49	26.46	26.44	26.42	26.40	26.38	26.36	26.34	26.32	26.29	26.29	26.27	26.44	26.51	26.27
22	26.24	26.20	26.19	26.17	26.18	26.19	26.22	26.22	26.23	26.24	26.26	26.27	26.28	26.30	26.30	26.32	26.33	26.35	26.39	26.42	26.46	26.49	26.53	26.56	26.31	26.56	26.17
23	26.59	26.60	26.62	26.66	26.67	26.69	26.71	26.73	26.73	26.75	26.76	26.75	26.72	26.71	26.69	26.69	26.67	26.67	26.67	26.66	26.66	26.68	26.69	26.70	26.69	26.76	26.59
24	26.72	26.73	26.75	26.76	26.77	26.78	26.80	26.82	26.84	26.86	26.87	26.88	26.86	26.84	26.83	26.82	26.81	26.81	26.79	26.78	26.77	26.76	26.77	26.75	26.80	26.88	26.72
25	26.73	26.72	26.71	26.72	26.71	26.70	26.70	26.70	26.70	26.71	26.72	26.72	26.71	26.71	26.72	26.73	26.73	26.73	26.74	26.74	26.74	26.75	26.76	26.76	26.72	26.76	26.70
26	26.75	26.75	26.75	26.76	26.76	26.76	26.76	26.76	26.76	26.76	26.76	26.77	26.75	26.72	26.71	26.69	26.69	26.69	26.68	26.67	26.66	26.65	26.64	26.64	26.72	26.77	26.64
27	26.64	26.63	26.62	26.62	26.61	26.60	26.59	26.59	26.60	26.61	26.61	26.61	26.58	26.56	26.55	26.54	26.53	26.52	26.51	26.50	26.50	26.49	26.49	26.47	26.57	26.64	26.47
28	26.45	26.43	26.41	26.40	26.39	26.36	26.35	26.33	26.31	26.30	26.30	26.28	26.25	26.24	26.20	26.19	26.17	26.15	26.15	26.15	26.13	26.12	26.11	26.10	26.26	26.45	26.10
29	26.10	26.08	26.07	26.06	26.05	26.05	26.05	26.06	26.08	26.08	26.10	26.10	26.09	26.08	26.09	26.11	26.15	26.18	26.23	26.28	26.32	26.37	26.40	26.43	26.15	26.43	26.05
30	26.45	26.47	26.48	26.51	26.52	26.54	26.55	26.56	26.56	26.58	26.60	26.61	26.60	26.58	26.57	26.56	26.57	26.58	26.58	26.59	26.61	26.62	26.63	26.63	26.56	26.63	26.45
Avg	26.61	26.61	26.60	26.61	26.60	26.61	26.61	26.61	26.62	26.63	26.63	26.63	26.61	26.60	26.59	26.59	26.59	26.59	26.60	26.60	26.61	26.61	26.62	26.62	26.61	26.71	26.52
Max	26.99	26.99	26.98	26.98	26.98	26.98	26.98	26.98	26.99	26.97	26.97	26.98	26.97	26.97	26.96	26.94	26.94	26.94	26.96	26.97	26.97	26.98	26.99	26.99	26.97	26.99	26.92
Min	26.10	26.08	26.07	26.06	26.05	26.05	26.05	26.06	26.08	26.08	26.08	26.09	26.08	26.08	26.09	26.11	26.15	26.15	26.15	26.15	26.13	26.12	26.11	26.10	26.15	26.37	26.05

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Barometric Pressure (InHg)
December 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	26.62	26.62	26.62	26.62	26.62	26.61	26.62	26.62	26.63	26.63	26.64	26.64	26.62	26.60	26.59	26.58	26.58	26.58	26.59	26.58	26.59	26.59	26.58	26.60	26.61	26.64	26.58
2	26.60	26.59	26.59	26.59	26.58	26.58	26.59	26.59	26.59	26.58	26.59	26.61	26.58	26.54	26.53	26.51	26.50	26.49	26.47	26.48	26.46	26.46	26.45	26.45	26.54	26.61	26.45
3	26.43	26.42	26.41	26.40	26.40	26.39	26.40	26.40	26.41	26.42	26.43	26.43	26.41	26.40	26.39	26.38	26.38	26.37	26.36	26.35	26.34	26.33	26.33	26.32	26.39	26.43	26.32
4	26.32	26.33	26.34	26.36	26.36	26.37	26.38	26.39	26.40	26.41	26.43	26.43	26.42	26.42	26.42	26.43	26.45	26.45	26.46	26.47	26.48	26.48	26.50	26.51	26.42	26.51	26.32
5	26.53	26.53	26.55	26.56	26.57	26.58	26.59	26.60	26.61	26.63	26.64	26.64	26.63	26.62	26.61	26.61	26.60	26.60	26.59	26.59	26.58	26.57	26.56	26.56	26.59	26.64	26.53
6	26.55	26.54	26.55	26.55	26.54	26.54	26.54	26.56	26.60	26.63	26.64	26.65	26.65	26.65	26.66	26.67	26.68	26.69	26.70	26.70	26.71	26.72	26.73	26.74	26.63	26.74	26.54
7	26.75	26.75	26.75	26.75	26.76	26.76	26.76	26.76	26.77	26.78	26.78	26.77	26.76	26.74	26.73	26.72	26.72	26.71	26.71	26.71	26.71	26.71	26.70	26.70	26.74	26.78	26.70
8	26.69	26.68	26.69	26.70	26.69	26.69	26.69	26.70	26.71	26.73	26.73	26.73	26.70	26.71	26.71	26.69	26.70	26.71	26.71	26.70	26.69	26.69	26.69	26.68	26.70	26.73	26.68
9	26.68	26.68	26.67	26.67	26.66	26.66	26.66	26.65	26.65	26.67	26.66	26.66	26.66	26.64	26.63	26.63	26.61	26.62	26.62	26.62	26.62	26.62	26.60	26.60	26.64	26.68	26.60
10	26.59	26.58	26.57	26.55	26.53	26.54	26.53	26.52	26.51	26.50	26.50	26.46	26.43	26.40	26.36	26.33	26.31	26.29	26.27	26.26	26.25	26.27	26.27	26.28	26.42	26.59	26.25
11	26.27	26.27	26.26	26.24	26.22	26.21	26.17	26.15	26.15	26.15	26.15	26.14	26.11	26.09	26.08	26.09	26.10	26.12	26.14	26.14	26.14	26.14	26.14	26.14	26.16	26.27	26.08
12	26.14	26.13	26.13	26.13	26.13	26.13	26.12	26.12	26.11	26.12	26.12	26.12	26.11	26.12	26.12	26.14	26.17	26.22	26.25	26.27	26.31	26.33	26.35	26.38	26.18	26.38	26.11
13	26.38	26.39	26.42	26.44	26.46	26.49	26.50	26.52	26.54	26.56	26.58	26.58	26.57	26.57	26.58	26.59	26.59	26.60	26.61	26.61	26.61	26.62	26.62	26.62	26.54	26.62	26.38
14	26.61	26.60	26.61	26.61	26.61	26.61	26.61	26.62	26.63	26.64	26.65	26.64	26.63	26.60	26.59	26.58	26.58	26.58	26.58	26.58	26.59	26.60	26.60	26.61	26.61	26.65	26.58
15	26.60	26.60	26.60	26.59	26.57	26.57	26.57	26.58	26.58	26.57	26.58	26.58	26.55	26.52	26.50	26.48	26.47	26.47	26.48	26.48	26.47	26.46	26.45	26.44	26.53	26.60	26.44
16	26.43	26.42	26.42	26.42	26.41	26.40	26.41	26.41	26.41	26.42	26.43	26.43	26.42	26.41	26.41	26.41	26.41	26.42	26.43	26.44	26.44	26.44	26.44	26.44	26.42	26.44	26.40
17	26.44	26.44	26.44	26.43	26.43	26.42	26.43	26.43	26.44	26.44	26.45	26.45	26.44	26.43	26.42	26.43	26.44	26.45	26.45	26.46	26.47	26.47	26.48	26.49	26.44	26.49	26.42
18	26.48	26.49	26.49	26.50	26.50	26.51	26.51	26.53	26.53	26.54	26.56	26.56	26.56	26.54	26.53	26.53	26.53	26.53	26.53	26.53	26.52	26.53	26.52	26.52	26.52	26.56	26.48
19	26.52	26.51	26.50	26.51	26.50	26.49	26.48	26.48	26.48	26.48	26.50	26.48	26.48	26.48	26.49	26.50	26.50	26.50	26.52	26.53	26.53	26.54	26.53	26.53	26.50	26.54	26.48
20	26.52	26.51	26.50	26.50	26.48	26.46	26.46	26.45	26.44	26.44	26.44	26.43	26.42	26.40	26.40	26.39	26.38	26.38	26.37	26.36	26.34	26.33	26.33	26.32	26.42	26.52	26.32
21	26.30	26.29	26.30	26.28	26.29	26.30	26.33	26.34	Pw	Pw	Pw	Pw	Pw	Pw	26.39	26.49	26.52	26.53	26.55	26.56	Pw	Pw	Pw	Pw	26.39	26.56	26.28
22	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	26.52	26.64	26.66	26.67	26.68	26.68	26.69	26.71	26.73	26.75	26.76	26.78	26.79	26.80	26.80	26.71	26.80	26.52
23	26.81	26.81	26.81	26.82	26.81	26.81	26.82	26.82	26.82	26.83	26.84	26.84	26.81	26.80	26.78	26.77	26.76	26.74	26.72	26.72	26.69	26.68	26.66	26.62	26.77	26.84	26.62
24	26.59	26.56	26.53	26.50	26.46	26.42	26.38	26.35	26.33	26.30	26.27	26.22	26.18	26.12	26.06	26.03	26.04	26.07	26.09	26.12	26.16	26.19	26.22	26.25	26.27	26.59	26.03
25	26.28	26.28	26.30	26.31	26.32	26.33	26.34	26.36	26.40	26.42	26.45	26.46	26.46	26.46	26.46	26.47	26.50	26.51	26.52	26.54	26.55	26.56	26.56	26.56	26.43	26.56	26.28
26	26.56	26.56	26.56	26.57	26.57	26.58	26.59	26.61	26.61	26.64	26.66	26.67	26.68	26.67	26.67	26.68	26.69	26.70	26.70	26.71	26.72	26.72	26.73	26.74	26.65	26.74	26.56
27	26.73	26.73	26.74	26.75	26.74	26.73	26.73	26.73	26.73	26.73	26.74	26.73	26.71	26.68	26.67	26.66	26.66	26.64	26.62	26.60	26.58	26.56	26.54	26.52	26.68	26.75	26.52
28	26.51	26.50	26.51	26.53	26.51	26.51	26.52	26.53	26.54	26.55	26.56	26.56	26.55	26.54	26.53	26.53	26.53	26.53	26.53	26.54	26.54	26.55	26.55	26.55	26.53	26.56	26.50
29	26.54	26.53	26.53	26.53	26.53	26.53	26.53	26.54	26.55	26.56	26.58	26.58	26.57	26.57	26.57	26.59	26.60	26.61	26.63	26.65	26.68	26.70	26.72	26.75	26.59	26.75	26.53
30	26.77	26.78	26.80	26.83	26.84	26.85	26.88	26.90	26.93	26.95	26.96	26.97	26.95	26.94	26.94	26.94	26.95	26.97	26.98	26.98	26.99	26.99	27.00	27.00	26.92	27.00	26.77
31	27.00	26.98	26.98	26.98	26.97	26.96	26.95	26.94	26.95	26.95	26.95	26.93	26.90	26.87	26.86	26.85	26.84	26.84	26.85	26.84	26.84	26.83	26.81	26.81	26.90	27.00	26.81
Avg	26.54	26.54	26.54	26.54	26.54	26.53	26.54	26.54	26.55	26.56	26.57	26.57	26.55	26.54	26.53	26.53	26.53	26.54	26.54	26.54	26.55	26.55	26.55	26.55	26.54	26.63	26.45
Max	27.00	26.98	26.98	26.98	26.97	26.96	26.95	26.94	26.95	26.95	26.96	26.97	26.95	26.94	26.94	26.94	26.95	26.97	26.98	26.98	26.99	26.99	27.00	27.00	26.92	27.00	26.81
Min	26.14	26.13	26.13	26.13	26.13	26.13	26.12	26.12	26.11	26.12	26.12	26.12	26.11	26.09	26.06	26.03	26.04	26.07	26.09	26.12	26.14	26.14	26.14	26.14	26.16	26.27	26.03

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Solar Radiation (watts m^2)
October 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	2	79	256	431	573	669	713	715	635	516	356	159	6	0	0	0	0	0	213	715	0
2	0	0	0	0	0	0	2	77	214	321	537	644	856	697	617	505	345	153	6	0	0	0	0	0	207	856	0
3	0	0	0	0	0	0	2	71	246	418	558	651	694	681	615	499	342	146	5	0	0	0	0	0	205	694	0
4	0	0	0	0	0	0	2	71	245	418	560	652	696	685	617	493	328	135	5	0	0	0	0	0	204	696	0
5	0	0	0	0	0	0	1	66	237	409	547	640	682	670	601	484	328	121	4	0	0	0	0	0	200	682	0
6	0	0	0	0	0	0	1	62	231	400	530	633	675	659	593	474	316	122	4	0	0	0	0	0	196	675	0
7	0	0	0	0	0	0	1	59	227	397	534	631	675	663	590	468	313	117	3	0	0	0	0	0	195	675	0
8	0	0	0	0	0	0	1	56	223	390	528	623	663	647	577	460	302	109	3	0	0	0	0	0	191	663	0
9	0	0	0	0	0	0	1	53	219	390	522	633	665	659	564	469	313	109	3	0	0	0	0	0	192	665	0
10	0	0	0	0	0	0	1	51	218	386	524	621	665	655	586	463	300	82	3	0	0	0	0	0	190	665	0
11	0	0	0	0	0	0	0	26	88	198	461	459	530	496	580	450	308	66	3	0	0	0	0	0	153	580	0
12	0	0	0	0	0	0	1	49	185	295	510	616	654	638	566	396	244	38	2	0	0	0	0	0	175	654	0
13	0	0	0	0	0	0	1	43	212	377	446	601	650	610	572	403	273	67	1	0	0	0	0	0	177	650	0
14	0	0	0	0	0	0	0	17	93	183	242	267	332	335	234	64	21	6	0	0	0	0	0	0	75	335	0
15	0	0	0	0	0	0	0	14	133	56	114	217	391	504	494	477	355	80	1	0	0	0	0	0	118	504	0
16	0	0	0	0	0	0	0	18	44	126	169	375	460	475	528	392	254	65	1	0	0	0	0	0	121	528	0
17	0	0	0	0	0	0	0	23	177	346	475	427	440	372	378	185	102	21	0	0	0	0	0	0	123	475	0
18	0	0	0	0	0	0	0	30	182	339	474	565	605	591	522	406	250	55	1	0	0	0	0	0	168	605	0
19	0	0	0	0	0	0	0	29	180	340	476	567	606	590	518	399	242	48	1	0	0	0	0	0	167	606	0
20	0	0	0	0	0	0	0	28	172	338	390	571	565	502	202	258	177	27	0	0	0	0	0	0	135	571	0
21	0	0	0	0	0	0	0	6	45	282	473	561	601	585	522	423	252	33	0	0	0	0	0	0	158	601	0
22	0	0	0	0	0	0	0	17	103	174	162	183	392	389	278	170	63	14	0	0	0	0	0	0	81	392	0
23	0	0	0	0	0	0	0	6	68	164	245	231	342	215	139	55	41	7	0	0	0	0	0	0	63	342	0
24	0	0	0	0	0	0	0	4	35	92	151	105	107	115	127	112	108	15	0	0	0	0	0	0	40	151	0
25	0	0	0	0	0	0	0	11	37	87	170	388	584	351	234	252	225	38	0	0	0	0	0	0	99	584	0
26	0	0	0	0	0	0	0	7	80	153	215	200	188	411	331	176	180	25	0	0	0	0	0	0	82	411	0
27	0	0	0	0	0	0	0	22	130	193	371	437	423	423	352	301	181	30	0	0	0	0	0	0	119	437	0
28	0	0	0	0	0	0	0	14	145	301	434	523	560	541	468	353	217	22	0	0	0	0	0	0	149	560	0
29	0	0	0	0	0	0	0	14	123	123	266	263	250	234	254	122	53	8	0	0	0	0	0	0	71	266	0
30	0	0	0	0	0	0	0	16	108	269	314	439	481	479	337	221	79	15	0	0	0	0	0	0	115	481	0
31	0	0	0	0	0	0	0	3	49	75	110	232	514	456	254	148	94	7	0	0	0	0	0	0	81	514	0
Avg	0	0	0	0	0	0	1	34	152	273	390	472	537	518	448	342	225	63	2	0	0	0	0	0	144	556	0
Max	0	0	0	0	0	0	2	79	256	431	573	669	856	715	635	516	356	159	6	0	0	0	0	0	213	856	0
Min	0	0	0	0	0	0	0	3	35	56	110	105	107	115	127	55	21	6	0	0	0	0	0	0	40	151	0

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Solar Radiation (watts m^2)
November 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	0	4	15	46	74	83	61	88	53	37	20	2	0	0	0	0	0	0	20	88	0
2	0	0	0	0	0	0	0	8	74	129	270	374	465	430	260	226	173	11	0	0	0	0	0	0	101	465	0
3	0	0	0	0	0	0	0	3	33	111	245	532	309	172	119	111	57	5	0	0	0	0	0	0	71	532	0
4	0	0	0	0	0	0	0	3	45	115	170	173	257	161	68	82	29	4	0	0	0	0	0	0	46	257	0
5	0	0	0	0	0	0	0	6	124	250	383	470	506	448	355	232	149	15	0	0	0	0	0	0	122	506	0
6	0	0	0	0	0	0	0	8	59	131	205	410	501	461	374	291	99	10	0	0	0	0	0	0	106	501	0
7	0	0	0	0	0	0	0	5	105	257	384	469	512	497	426	309	153	6	0	0	0	0	0	0	130	512	0
8	0	0	0	0	0	0	0	8	80	234	322	418	395	386	325	241	111	9	0	0	0	0	0	0	105	418	0
9	0	0	0	0	0	0	0	4	63	159	225	276	208	319	142	134	134	7	0	0	0	0	0	0	70	319	0
10	0	0	0	0	0	0	0	4	72	130	312	467	505	477	421	303	144	6	0	0	0	0	0	0	118	505	0
11	0	0	0	0	0	0	0	4	90	249	377	466	504	493	420	301	144	5	0	0	0	0	0	0	127	504	0
12	0	0	0	0	0	0	0	4	87	247	376	464	501	485	417	303	143	4	0	0	0	0	0	0	126	501	0
13	0	0	0	0	0	0	0	1	35	83	122	237	246	257	180	121	62	5	0	0	0	0	0	0	56	257	0
14	0	0	0	0	0	0	0	1	35	94	117	192	225	223	125	125	87	10	0	0	0	0	0	0	51	225	0
15	0	0	0	0	0	0	0	3	77	236	367	458	499	481	408	289	129	5	0	0	0	0	0	0	123	499	0
16	0	0	0	0	0	0	0	3	71	230	358	448	486	468	397	279	120	4	0	0	0	0	0	0	119	486	0
17	0	0	0	0	0	0	0	2	40	118	193	256	278	291	288	245	114	4	0	0	0	0	0	0	76	291	0
18	0	0	0	0	0	0	0	2	35	111	202	259	278	272	224	136	48	3	0	0	0	0	0	0	65	278	0
19	0	0	0	0	0	0	0	2	49	144	Au	Au	Au	Au	211	152	71	5	0	0	0	0	0	0	32	211	0
20	0	0	0	0	0	0	0	1	41	135	217	278	263	224	367	250	66	4	0	0	0	0	0	0	77	367	0
21	0	0	0	0	0	0	0	2	37	118	338	279	387	366	202	113	66	2	0	0	0	0	0	0	80	387	0
22	0	0	0	0	0	0	0	1	39	206	201	141	234	312	313	119	34	8	0	0	0	0	0	0	67	313	0
23	0	0	0	0	0	0	0	1	49	187	304	180	215	333	237	89	37	1	0	0	0	0	0	0	68	333	0
24	0	0	0	0	0	0	0	1	46	193	317	400	422	432	264	118	32	2	0	0	0	0	0	0	93	432	0
25	0	0	0	0	0	0	0	0	23	41	82	114	131	118	172	65	17	1	0	0	0	0	0	0	32	172	0
26	0	0	0	0	0	0	0	1	51	171	209	224	260	238	223	243	61	2	0	0	0	0	0	0	70	260	0
27	0	0	0	0	0	0	0	0	19	130	141	101	65	92	162	110	46	1	0	0	0	0	0	0	36	162	0
28	0	0	0	0	0	0	0	0	14	79	147	211	482	220	144	197	83	3	0	0	0	0	0	0	66	482	0
29	0	0	0	0	0	0	0	0	10	41	239	375	429	425	353	242	91	3	0	0	0	0	0	0	92	429	0
30	0	0	0	0	0	0	0	0	20	145	317	395	487	328	191	107	52	3	0	0	0	0	0	0	85	487	0
Avg	0	0	0	0	0	0	0	3	51	151	249	316	349	327	261	186	86	5	0	0	0	0	0	0	81	373	0
Max	0	0	0	0	0	0	0	8	124	257	384	532	512	497	426	309	173	15	0	0	0	0	0	0	130	532	0
Min	0	0	0	0	0	0	0	0	10	41	74	83	61	88	53	37	17	1	0	0	0	0	0	0	20	88	0

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Solar Radiation (watts m^2)
December 2014

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	0	0	7	29	59	109	149	117	122	60	26	1	0	0	0	0	0	0	28	149	0
2	0	0	0	0	0	0	0	0	12	46	83	163	140	93	63	36	11	1	0	0	0	0	0	0	27	163	0
3	0	0	0	0	0	0	0	0	13	43	133	174	145	142	61	46	15	0	0	0	0	0	0	0	32	174	0
4	0	0	0	0	0	0	0	0	38	84	164	266	286	286	186	83	42	3	0	0	0	0	0	0	60	286	0
5	0	0	0	0	0	0	0	1	30	99	158	195	175	111	95	58	25	1	0	0	0	0	0	0	40	195	0
6	0	0	0	0	0	0	0	0	10	26	99	332	344	482	232	189	60	1	0	0	0	0	0	0	74	482	0
7	0	0	0	0	0	0	0	0	12	38	61	103	109	91	79	46	13	0	0	0	0	0	0	0	23	109	0
8	0	0	0	0	0	0	0	0	15	57	144	79	213	139	65	95	25	0	0	0	0	0	0	0	35	213	0
9	0	0	0	0	0	0	0	0	10	33	68	215	145	107	142	113	32	1	0	0	0	0	0	0	36	215	0
10	0	0	0	0	0	0	0	0	9	61	60	100	75	52	58	72	25	1	0	0	0	0	0	0	21	100	0
11	0	0	0	0	0	0	0	0	4	15	29	32	41	35	27	21	13	1	0	0	0	0	0	0	9	41	0
12	0	0	0	0	0	0	0	0	5	33	72	95	117	123	47	56	48	2	0	0	0	0	0	0	25	123	0
13	0	0	0	0	0	0	0	0	14	140	260	150	257	345	318	85	22	1	0	0	0	0	0	0	66	345	0
14	0	0	0	0	0	0	0	0	13	140	262	348	392	384	328	230	84	2	0	0	0	0	0	0	91	392	0
15	0	0	0	0	0	0	0	0	11	61	70	85	161	178	152	99	31	1	0	0	0	0	0	0	35	178	0
16	0	0	0	0	0	0	0	0	4	24	49	189	201	128	65	102	54	1	0	0	0	0	0	0	34	201	0
17	0	0	0	0	0	0	0	0	6	48	78	134	126	82	86	52	19	1	0	0	0	0	0	0	26	134	0
18	0	0	0	0	0	0	0	0	6	41	109	146	252	181	228	101	22	1	0	0	0	0	0	0	45	252	0
19	0	0	0	0	0	0	0	0	3	20	37	87	183	186	138	81	54	3	0	0	0	0	0	0	33	186	0
20	0	0	0	0	0	0	0	0	5	40	80	65	77	86	50	13	4	0	0	0	0	0	0	0	18	86	0
21	0	0	0	0	0	0	0	0	Pw	Pw	Pw	Pw	Pw	Pw	103	33	9	1	0	0	Pw	Pw	Pw	Pw	10	103	0
22	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	133	252	343	389	384	337	252	92	3	0	0	0	0	0	0	146	389	0
23	0	0	0	0	0	0	0	0	8	124	277	212	224	217	278	177	57	3	0	0	0	0	0	0	66	278	0
24	0	0	0	0	0	0	0	0	4	18	29	52	29	39	25	18	4	0	0	0	0	0	0	0	9	52	0
25	0	0	0	0	0	0	0	0	7	127	260	353	380	404	340	246	80	6	0	0	0	0	0	0	92	404	0
26	0	0	0	0	0	0	0	0	7	56	206	349	397	397	386	282	129	3	0	0	0	0	0	0	92	397	0
27	0	0	0	0	0	0	0	0	11	99	199	195	173	157	79	41	16	1	0	0	0	0	0	0	40	199	0
28	0	0	0	0	0	0	0	0	8	118	245	111	402	380	233	278	58	3	0	0	0	0	0	0	77	402	0
29	0	0	0	0	0	0	0	0	11	85	144	167	174	131	107	79	44	2	0	0	0	0	0	0	39	174	0
30	0	0	0	0	0	0	0	0	7	122	263	359	412	410	358	259	112	4	0	0	0	0	0	0	96	412	0
31	0	0	0	0	0	0	0	0	5	53	155	192	256	404	352	255	111	5	0	0	0	0	0	0	75	404	0
Avg	0	0	0	0	0	0	0	0	10	67	137	180	214	209	166	115	43	2	0	0	0	0	0	0	48	233	0
Max	0	0	0	0	0	0	0	1	38	140	277	359	412	482	386	282	129	6	0	0	0	0	0	0	146	482	0
Min	0	0	0	0	0	0	0	0	3	15	29	32	29	35	25	13	4	0	0	0	0	0	0	0	9	41	0

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Precipitation (Inches)
October 2014

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.010	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.050	0.020
24	0.000	0.000	0.000	0.000	0.030	0.010	0.010	0.010	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.030
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.000	0.010	0.000	0.000	0.030	0.010	0.030	0.010	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.130	0.000
Max	0.000	0.010	0.000	0.000	0.030	0.010	0.020	0.010	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.030

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Precipitation (Inches)
November 2014

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.020	0.030	0.050	0.060	0.120	0.060	0.150	0.140	0.190	0.140	0.030	0.000	0.000	1.010	0.190
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Au	Au	Au	Au	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.020
22	0.000	0.060	0.190	0.180	0.080	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.570	0.190
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.000	0.060	0.190	0.180	0.080	0.050	0.000	0.000	0.000	0.000	0.020	0.040	0.040	0.060	0.060	0.130	0.060	0.150	0.140	0.190	0.140	0.030	0.000	0.000	1.620	0.000
Max	0.000	0.060	0.190	0.180	0.080	0.050	0.000	0.000	0.000	0.000	0.020	0.020	0.030	0.050	0.060	0.120	0.060	0.150	0.140	0.190	0.140	0.030	0.000	0.000	1.010	0.190

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Precipitation (Inches)
December 2014

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.010	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.030
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.030	0.040	0.030	0.020	0.040	0.020	0.040	0.060	0.020	0.010	0.040	0.010	0.370	0.060
4	0.010	0.020	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.020
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.010	0.000	0.000	0.010	0.020	0.000	0.020	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.080	0.020
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
9	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.020	0.050	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.050
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
18	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
19	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.020	0.010	0.010	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.020
20	0.000	0.000	0.000	0.000	0.010	0.010	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.020	0.020	0.000	0.000	0.010	0.000	0.000	0.000	0.160	0.070
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Pw	Pw	Pw	Pw	Pw	Pw	0.000	0.020	0.070	0.010	0.010	0.010	Pw	Pw	Pw	Pw	0.120	0.070
22	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	Pw	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.080	0.110	0.070	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.290	0.110
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.030	0.030	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.030
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.010
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.010	0.040	0.030	0.010	0.020	0.030	0.030	0.030	0.030	0.030	0.020	0.060	0.110	0.230	0.160	0.220	0.150	0.050	0.050	0.070	0.030	0.010	0.040	0.010	1.470	0.000
Max	0.010	0.020	0.010	0.010	0.010	0.020	0.020	0.020	0.020	0.010	0.010	0.030	0.030	0.080	0.110	0.070	0.070	0.020	0.040	0.060	0.020	0.010	0.040	0.010	0.370	0.110

PART C: HOURLY METEOROLOGICAL DATA, FIRST QUARTER 2015

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Speed (miles per hour)
January 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.2	4.8	7.4	5.7	10.1	8.7	10.1	10.2	10.2	11.3	9.8	9.0	6.7	6.7	4.5	8.9	5.2	5.5	3.1	3.0	2.5	2.7	1.7	2.5	6.4	11.3	1.7
2	3.7	2.6	2.8	2.1	2.6	2.7	2.1	2.0	1.8	1.0	0.8	0.7	1.7	2.0	3.5	4.8	4.8	6.8	6.0	2.3	2.8	3.8	4.0	4.5	3.0	6.8	0.7
3	3.2	2.4	1.8	2.9	2.9	2.5	2.1	1.9	2.7	4.4	3.6	5.9	5.6	1.3	1.2	6.4	6.7	6.1	6.4	4.1	3.0	4.2	4.6	4.5	3.8	6.7	1.2
4	5.2	4.9	3.9	3.4	4.6	2.9	3.3	4.5	1.9	13.2	13.4	8.2	5.7	3.3	2.9	3.6	3.8	3.9	3.9	4.1	4.6	3.0	2.4	4.5	4.8	13.4	1.9
5	4.5	4.2	6.4	2.7	3.6	5.1	4.6	4.1	4.0	4.7	4.5	5.9	8.3	14.7	7.7	5.3	8.8	4.8	3.5	5.2	6.2	12.4	11.8	6.2	6.2	14.7	2.7
6	6.4	3.4	2.0	2.7	4.5	3.3	3.0	1.3	3.2	3.6	3.2	5.5	6.3	9.1	5.9	4.9	4.3	2.5	2.9	4.0	2.9	3.1	3.2	3.8	4.0	9.1	1.3
7	3.6	4.4	3.7	3.1	1.3	2.4	6.2	5.7	4.3	2.3	2.6	2.1	2.3	1.2	3.4	3.0	11.4	7.4	3.8	5.6	6.5	6.1	8.6	10.7	4.7	11.4	1.2
8	9.3	5.8	8.3	9.8	8.3	7.7	9.4	9.4	7.3	9.1	7.4	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	8.3	9.8	5.8
9	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx			
10	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx			
11	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx			
12	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	4.1	6.7	10.0	8.0	7.4	8.1	5.2	7.0	1.3	7.2	13.7	14.9	14.0	8.3	14.9	1.3
13	14.9	8.8	3.2	2.0	2.3	4.9	5.1	5.2	5.2	4.0	4.3	7.5	6.8	7.2	3.8	3.4	2.2	4.1	3.5	3.8	2.7	0.7	2.8	3.2	4.7	14.9	0.7
14	1.9	2.6	3.9	3.2	2.9	4.1	2.5	4.1	3.7	1.4	3.9	3.0	5.0	6.4	6.8	5.4	4.1	4.5	5.4	4.6	5.7	5.8	5.8	5.9	4.3	6.8	1.4
15	6.4	6.9	6.3	6.5	7.8	6.4	7.4	7.1	4.4	3.9	2.2	3.5	1.6	2.7	3.6	3.6	6.5	5.3	6.4	4.5	3.8	3.8	5.9	7.4	5.2	7.8	1.6
16	4.2	7.9	3.6	13.0	8.9	6.5	3.7	3.9	5.9	2.7	3.5	6.3	4.0	7.5	4.6	7.2	4.1	4.6	3.7	4.1	4.3	3.9	6.9	5.0	5.4	13.0	2.7
17	2.3	5.0	4.3	4.5	3.5	4.1	5.1	3.9	4.2	3.2	2.3	4.4	2.9	2.5	3.6	2.7	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	3.7	5.1	2.3
18	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	3.2	3.8	5.4	8.5	12.3	10.9	9.5	7.1	5.1	5.4	3.0	7.5	10.4	12.9	11.9	11.9	8.1	12.9	3.0
19	12.2	3.5	3.1	8.3	8.3	4.8	10.3	7.0	7.6	8.7	10.4	9.1	7.0	7.6	8.2	7.2	5.9	5.7	2.7	1.6	2.2	2.0	1.5	2.1	6.1	12.2	1.5
20	2.0	2.2	1.6	2.1	1.8	1.3	1.3	3.0	2.7	1.5	2.3	3.0	3.8	3.8	5.7	5.2	6.6	6.8	2.0	2.5	2.0	1.3	0.9	1.4	2.8	6.8	0.9
21	0.8	1.4	2.0	2.0	1.0	0.9	1.7	2.1	3.9	7.9	5.3	3.5	4.9	4.5	6.0	6.2	7.1	6.8	5.8	4.5	4.7	3.6	2.7	2.2	3.8	7.9	0.8
22	3.0	3.6	2.5	2.6	4.2	3.6	3.1	3.6	2.6	1.3	3.0	1.4	2.4	5.1	4.8	4.3	2.8	3.3	2.8	2.1	3.0	1.2	2.9	2.7	3.0	5.1	1.2
23	1.8	1.7	3.2	1.2	1.4	2.9	8.2	8.3	9.4	13.5	16.7	15.0	7.3	4.1	3.0	2.7	8.3	6.8	4.3	1.5	3.0	3.1	6.9	2.4	5.7	16.7	1.2
24	4.5	5.3	2.7	4.9	3.8	3.8	4.3	4.8	5.4	1.3	Wx	Wx	2.1	5.1	7.4	7.4	6.4	6.5	6.1	4.4	3.9	3.8	1.4	4.0	4.5	7.4	1.3
25	3.2	3.3	2.3	4.1	5.3	3.8	3.0	2.8	2.3	1.8	2.2	2.3	4.4	4.4	3.1	2.5	2.9	3.6	5.5	5.8	4.5	5.3	3.2	2.3	3.5	5.8	1.8
26	5.2	5.9	7.6	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	2.1	5.2	7.8	6.0	6.1	5.0	4.1	1.9	2.2	1.3	1.5	1.6	1.6	4.1	7.8	1.3
27	1.5	1.1	0.9	2.8	0.7	0.5	4.8	5.5	5.5	5.5	8.3	6.9	4.6	6.5	7.6	7.6	3.5	3.2	2.2	4.1	2.6	3.9	3.7	4.3	4.1	8.3	0.5
28	7.2	9.6	12.1	12.4	11.4	11.4	8.3	9.6	8.0	6.6	5.7	4.1	4.4	4.4	3.7	3.0	4.0	3.4	3.4	2.2	1.4	1.7	1.7	1.0	5.9	12.4	1.0
29	1.3	1.9	1.9	1.8	2.5	4.6	6.5	5.5	6.3	7.5	8.3	8.6	7.4	8.1	6.5	6.5	8.7	4.3	1.7	1.5	1.2	3.6	1.4	0.7	4.5	8.7	0.7
30	1.5	1.6	2.2	1.0	2.4	1.7	4.0	5.8	4.9	4.0	2.0	2.2	4.7	2.9	2.4	3.9	4.6	6.2	9.4	6.5	8.4	11.5	6.8	10.9	4.6	11.5	1.0
31	11.7	13.6	12.9	13.0	13.7	14.5	15.3	14.2	14.6	15.5	15.1	16.0	13.9	11.5	9.2	9.2	9.1	8.1	6.8	4.1	2.8	1.8	4.5	6.6	10.7	16.0	1.8
Avg	4.8	4.6	4.3	4.7	4.8	4.6	5.4	5.4	5.2	5.5	5.8	5.7	5.5	6.0	5.3	5.4	5.8	5.2	4.4	3.7	4.0	4.6	4.8	4.9	5.0	10.2	1.6
Max	14.9	13.6	12.9	13.0	13.7	14.5	15.3	14.2	14.6	15.5	16.7	16.0	13.9	14.7	9.5	9.2	11.4	8.1	9.4	7.5	10.4	13.7	14.9	14.0	10.7	16.7	5.8
Min	0.8	1.1	0.9	1.0	0.7	0.5	1.3	1.3	1.8	1.0	0.8	0.7	1.6	1.2	1.2	2.5	2.2	2.5	1.7	1.3	1.2	0.7	0.9	0.7	2.8	5.1	0.5

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Speed (miles per hour)
February 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	8.6	10.9	8.1	13.0	9.3	3.1	7.3	12.3	14.5	12.5	8.2	5.0	5.5	7.0	5.3	5.6	6.2	5.9	3.8	4.9	4.4	2.9	3.3	4.4	7.2	14.5	2.9
2	4.3	5.4	4.6	2.7	2.5	3.8	3.4	1.4	2.0	5.0	6.4	2.3	6.6	12.3	5.8	4.1	5.2	3.9	5.0	7.6	3.8	4.6	2.0	2.8	4.5	12.3	1.4
3	7.1	1.6	2.6	4.4	3.6	4.0	3.1	5.3	5.6	4.3	5.0	4.7	2.5	1.8	1.9	5.0	7.1	5.9	5.7	4.7	3.5	3.9	1.8	1.7	4.0	7.1	1.6
4	4.1	1.7	1.0	3.3	2.9	2.3	4.4	3.3	4.9	4.3	4.7	3.0	4.4	6.9	8.9	7.1	5.6	5.1	3.9	3.6	4.8	5.2	2.4	2.6	4.2	8.9	1.0
5	3.2	1.4	4.6	9.1	7.8	4.8	3.9	2.7	3.9	3.8	2.5	4.9	3.2	1.8	4.6	5.8	5.8	5.2	3.4	3.1	1.9	1.4	4.1	6.9	4.2	9.1	1.4
6	6.8	9.4	7.7	7.1	7.2	8.5	2.6	3.0	3.0	4.3	10.9	9.4	4.4	4.8	3.5	7.3	26.3	20.4	18.1	23.7	14.1	13.9	18.5	22.4	10.7	26.3	2.6
7	14.3	12.3	15.4	17.2	16.4	22.6	18.9	20.4	19.3	15.8	33.7	34.4	28.4	26.4	26.1	23.7	22.3	16.0	7.9	3.5	6.3	3.8	6.4	9.6	17.5	34.4	3.5
8	13.3	8.4	9.5	10.4	11.8	9.8	9.4	11.3	10.5	9.3	11.1	9.5	6.0	5.9	10.6	9.7	4.8	3.3	3.8	3.5	10.9	10.9	11.1	10.1	9.0	13.3	3.3
9	11.0	13.9	13.1	13.8	10.4	12.1	13.9	10.2	12.8	14.1	18.1	18.9	19.7	20.1	18.5	22.4	22.5	17.0	11.0	7.4	10.9	13.9	8.3	12.9	14.5	22.5	7.4
10	14.3	10.6	9.4	6.7	12.6	11.1	9.6	10.4	10.3	10.9	13.6	5.3	3.5	4.6	2.5	2.1	4.1	5.1	2.8	3.9	3.8	3.3	1.3	0.8	6.8	14.3	0.8
11	0.8	0.7	0.8	1.6	3.1	4.9	1.7	2.2	3.7	5.4	6.7	5.2	5.5	5.4	5.4	6.3	7.2	8.0	4.6	3.8	4.6	4.1	1.8	2.4	4.0	8.0	0.7
12	3.1	2.2	2.2	3.5	1.4	1.4	1.7	2.5	7.2	6.0	3.8	2.6	2.1	3.5	3.6	6.4	6.6	4.9	4.2	3.1	1.9	1.8	2.4	1.8	3.3	7.2	1.4
13	2.7	2.4	2.4	2.2	1.6	1.8	1.3	1.9	2.6	4.1	5.9	6.4	5.7	8.5	9.8	8.9	8.8	6.8	5.0	4.0	3.7	2.2	2.0	1.3	4.3	9.8	1.3
14	3.8	6.7	6.8	7.0	10.5	5.3	4.5	10.2	12.0	11.8	9.6	8.9	5.3	5.5	3.1	2.5	1.5	6.4	7.6	5.9	7.5	8.6	10.2	8.7	7.1	12.0	1.5
15	6.8	10.3	12.9	6.3	2.2	8.1	8.9	3.3	1.2	3.6	7.3	11.1	9.6	7.4	5.0	5.8	5.7	4.2	4.2	1.6	2.8	1.9	2.4	3.8	5.7	12.9	1.2
16	2.1	2.6	2.7	2.2	3.4	4.1	3.2	1.8	2.0	3.4	10.8	8.1	6.5	5.9	6.3	5.9	6.5	5.7	1.8	2.4	2.1	1.4	1.5	1.6	3.9	10.8	1.4
17	2.1	1.2	1.8	1.0	1.4	2.9	1.1	2.2	2.8	2.2	5.0	3.5	5.0	5.7	5.8	6.0	7.9	6.1	5.8	2.2	1.0	1.0	0.8	1.4	3.2	7.9	0.8
18	3.6	7.6	8.3	7.8	9.4	4.3	7.1	10.0	11.1	10.6	9.2	8.4	4.4	6.7	5.9	8.4	9.9	9.2	7.9	3.5	2.0	2.8	3.0	2.1	6.8	11.1	2.0
19	3.7	13.3	14.0	9.9	3.6	5.4	10.3	11.0	13.6	12.9	11.1	9.2	8.5	8.9	5.6	7.5	6.4	8.8	8.8	6.6	6.8	5.8	3.8	4.8	8.3	14.0	3.6
20	5.6	3.3	2.6	4.1	6.6	4.3	5.5	9.4	9.5	10.5	9.7	6.4	6.7	4.7	6.4	6.9	8.6	5.4	9.5	9.4	8.8	5.7	2.7	4.4	6.5	10.5	2.6
21	4.0	4.1	8.0	5.8	4.4	2.6	2.3	1.8	3.5	11.7	11.0	10.9	15.4	15.3	16.7	18.1	21.9	19.9	14.9	15.7	19.1	14.2	15.8	17.4	11.4	21.9	1.8
22	12.3	14.9	17.0	20.3	20.7	16.7	7.5	13.2	15.6	15.2	13.1	10.6	10.3	10.4	11.3	10.4	10.8	9.5	4.5	2.9	3.3	4.8	7.6	2.8	11.1	20.7	2.8
23	4.2	3.7	3.2	4.8	4.6	3.1	2.0	1.4	4.5	8.5	4.0	2.8	2.9	4.6	4.1	4.1	4.1	3.5	3.4	2.1	3.7	4.3	7.6	8.7	4.2	8.7	1.4
24	10.4	13.0	13.0	13.9	14.3	12.5	13.2	15.7	Au	Au	Au	Au	Au	Au	Au	6.7	6.1	6.4	6.4	2.6	1.6	2.4	3.1	4.9	8.6	15.7	1.6
25	9.1	3.4	4.4	3.2	5.7	9.0	13.3	12.6	15.7	12.0	7.9	6.7	7.4	7.8	6.5	5.5	5.2	4.8	6.4	3.1	2.2	6.8	8.3	8.0	7.3	15.7	2.2
26	13.3	6.2	5.7	4.7	5.4	5.7	7.6	2.9	2.7	2.4	4.9	4.4	5.6	5.2	4.8	5.1	7.7	3.6	1.8	1.3	2.6	2.9	2.1	3.1	4.7	13.3	1.3
27	2.8	2.2	6.6	8.9	5.8	8.7	9.3	10.4	8.4	12.5	9.1	6.8	4.3	9.3	10.3	10.5	9.4	8.6	4.7	4.5	7.8	6.7	4.6	1.9	7.3	12.5	1.9
28	3.6	10.0	13.1	10.0	3.8	2.9	3.2	4.5	5.3	5.5	7.1	2.7	1.4	7.4	10.1	13.3	15.3	19.0	14.9	14.4	16.4	19.0	14.0	10.3	9.5	19.0	1.4
Avg	6.5	6.5	7.2	7.3	6.9	6.6	6.4	7.0	7.7	8.2	9.3	7.9	7.1	7.9	7.7	8.3	9.3	8.2	6.5	5.5	5.8	5.7	5.5	5.8	7.1	14.1	2.0
Max	14.3	14.9	17.0	20.3	20.7	22.6	18.9	20.4	19.3	15.8	33.7	34.4	28.4	26.4	26.1	23.7	26.3	20.4	18.1	23.7	19.1	19.0	18.5	22.4	17.5	34.4	7.4
Min	0.8	0.7	0.8	1.0	1.4	1.4	1.1	1.4	1.2	2.2	2.5	2.3	1.4	1.8	1.9	2.1	1.5	3.3	1.8	1.3	1.0	1.0	0.8	0.8	3.2	7.1	0.7

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Speed (miles per hour)
March 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	14.9	8.4	9.5	6.3	2.5	1.6	2.4	1.9	5.0	7.0	3.8	3.6	3.0	2.7	3.3	2.8	2.7	2.7	3.4	1.8	2.1	1.5	1.6	2.8	4.1	14.9	1.5
2	2.5	1.8	2.1	3.5	3.0	2.7	4.0	4.4	3.5	3.6	4.5	5.4	7.1	8.0	7.3	9.3	7.2	7.5	12.9	12.9	12.4	13.0	14.5	14.8	7.0	14.8	1.8
3	13.9	13.3	11.1	10.1	18.6	16.6	16.2	16.4	16.5	16.3	14.6	11.7	11.5	11.4	10.6	9.7	8.5	6.8	6.4	3.2	3.2	2.0	2.2	5.2	10.7	18.6	2.0
4	2.2	3.5	3.7	2.5	4.7	3.4	6.5	6.5	8.0	8.2	8.6	8.2	6.4	4.1	4.1	4.2	3.3	3.2	5.1	1.9	1.3	2.3	3.8	4.4	4.6	8.6	1.3
5	10.3	8.3	7.2	12.6	4.4	9.5	9.3	12.8	8.6	8.0	7.2	6.2	6.5	4.1	4.7	6.0	9.5	6.7	8.4	7.1	3.9	2.1	1.2	1.9	6.9	12.8	1.2
6	1.7	2.5	1.7	2.1	2.4	4.0	8.5	7.9	8.6	9.8	9.1	7.4	7.5	5.6	3.6	3.2	4.6	4.9	5.6	2.6	1.1	1.6	1.1	1.4	4.5	9.8	1.1
7	1.8	4.1	8.2	8.5	7.9	8.2	9.1	9.0	9.3	9.6	8.6	5.5	3.2	3.3	3.3	3.4	5.3	6.8	6.1	4.1	1.8	1.9	1.7	1.8	5.5	9.6	1.7
8	2.1	1.4	2.6	2.8	1.0	1.8	8.7	8.4	9.8	11.9	11.0	5.7	3.3	4.3	5.4	6.3	5.8	4.9	3.7	3.9	2.0	3.2	2.9	2.5	4.8	11.9	1.0
9	1.9	8.0	11.5	11.9	12.2	16.1	17.7	17.4	11.1	14.3	12.4	11.2	10.3	6.0	3.2	5.3	6.5	3.6	3.9	4.5	1.8	1.7	2.3	1.8	8.2	17.7	1.7
10	1.6	2.3	3.5	2.2	2.1	7.8	9.0	6.5	7.6	7.9	4.5	3.4	4.5	5.6	6.7	10.3	11.0	8.6	7.3	5.2	1.4	1.6	1.5	2.0	5.2	11.0	1.4
11	8.2	12.5	5.1	7.6	8.6	9.6	9.6	11.3	10.7	17.0	18.7	20.6	24.6	20.5	16.2	12.9	11.6	8.3	5.2	3.4	4.4	8.5	6.5	9.4	11.3	24.6	3.4
12	13.2	15.5	16.4	13.5	7.9	6.7	3.4	6.5	6.6	7.7	4.4	6.8	5.4	4.2	4.5	6.3	5.1	3.6	4.5	4.0	3.3	2.6	3.1	5.9	6.7	16.4	2.6
13	6.6	8.8	10.4	11.4	11.7	12.4	14.2	12.2	11.5	8.8	8.5	6.1	3.8	8.7	9.9	8.9	6.9	4.6	6.5	6.8	5.6	2.3	1.2	1.7	7.9	14.2	1.2
14	1.7	7.6	13.3	12.2	9.9	12.6	10.9	11.6	7.9	6.2	8.5	12.3	13.2	17.3	16.8	14.8	14.3	13.8	7.1	7.7	8.2	1.9	3.7	2.7	9.8	17.3	1.7
15	2.3	3.4	5.0	5.8	8.5	9.6	7.5	7.9	6.5	11.0	10.6	8.7	8.4	7.4	6.0	5.0	5.4	3.4	7.9	20.9	27.9	32.5	26.7	27.9	11.1	32.5	2.3
16	14.0	3.5	3.7	6.4	6.3	4.4	7.2	4.5	3.4	8.4	2.8	3.4	5.6	5.9	4.5	6.1	7.7	8.5	7.9	7.5	7.5	9.2	9.4	7.3	6.5	14.0	2.8
17	2.6	2.5	2.1	2.4	4.1	6.7	6.6	6.8	8.4	10.3	12.2	8.6	11.0	14.7	12.1	9.7	9.7	10.8	9.3	7.1	9.4	8.1	1.6	3.8	7.5	14.7	1.6
18	8.3	6.4	3.7	3.7	4.6	5.5	3.6	2.0	2.0	5.5	7.3	5.6	6.2	6.5	6.2	5.3	6.9	6.5	6.8	3.8	2.9	2.1	1.8	1.7	4.8	8.3	1.7
19	1.8	1.6	1.6	4.1	8.4	9.3	11.2	10.1	11.8	10.4	13.6	11.7	8.1	6.6	6.7	8.0	10.6	12.2	8.1	4.7	4.4	3.4	3.6	2.4	7.3	13.6	1.6
20	1.7	2.1	2.0	2.0	2.5	1.0	2.1	5.0	7.7	7.6	6.0	5.1	6.7	8.4	10.4	9.1	8.9	7.2	5.5	1.3	2.6	2.9	2.2	7.1	4.9	10.4	1.0
21	13.0	10.1	10.4	9.7	8.7	12.9	16.5	14.2	11.3	23.3	20.0	24.8	25.5	20.7	13.7	10.5	9.6	10.6	8.2	8.1	1.8	2.8	5.2	3.2	12.3	25.5	1.8
22	2.9	2.8	2.7	3.0	2.4	4.0	2.2	2.6	2.1	8.3	11.8	9.6	6.8	9.0	10.9	8.8	6.0	3.3	2.6	16.7	14.7	4.4	5.0	3.3	6.1	16.7	2.1
23	7.8	25.6	25.1	24.4	14.7	10.2	10.7	7.7	12.3	18.0	21.3	21.5	20.4	19.1	17.5	20.0	17.0	18.0	6.3	3.2	5.2	5.1	11.5	12.9	14.8	25.6	3.2
24	14.2	14.2	15.6	18.4	16.5	12.0	8.9	11.5	16.5	12.0	13.0	18.8	17.2	14.9	14.3	13.7	11.2	9.5	6.7	7.5	4.9	1.6	2.1	2.0	11.6	18.8	1.6
25	2.3	2.2	4.2	7.8	5.8	7.8	7.9	12.0	12.0	12.0	7.3	10.0	9.9	6.2	5.8	6.2	5.3	6.3	5.0	4.8	5.5	4.0	2.3	3.0	6.5	12.0	2.2
26	2.3	1.7	1.6	1.3	1.8	2.1	1.8	3.4	4.7	5.9	6.2	5.3	3.2	6.3	7.8	5.0	7.3	8.3	6.3	4.5	3.8	2.0	0.7	2.1	4.0	8.3	0.7
27	1.7	0.8	0.9	1.1	0.5	1.5	0.8	0.5	2.0	4.0	3.7	4.1	6.1	7.5	8.0	8.7	9.2	8.1	6.6	6.1	3.3	2.0	3.7	8.9	4.2	9.2	0.5
28	11.2	22.9	24.3	20.1	20.5	26.5	13.9	16.0	14.9	14.5	14.2	9.6	8.5	7.6	6.1	8.5	7.6	7.1	4.8	4.6	3.7	3.8	2.3	2.0	11.5	26.5	2.0
29	2.6	2.1	1.8	1.7	1.9	1.4	7.4	8.3	7.7	9.2	9.0	6.9	5.4	6.7	9.9	6.8	6.2	8.2	8.3	4.9	3.3	2.4	2.3	2.4	5.3	9.9	1.4
30	2.1	2.2	2.7	5.3	2.4	2.3	7.4	7.3	8.9	9.3	4.2	3.7	5.1	8.7	10.4	8.1	8.3	7.1	4.1	4.7	4.1	2.8	2.0	6.9	5.4	10.4	2.0
31	10.0	12.2	13.2	9.6	10.7	14.8	14.4	18.0	10.5	9.7	12.9	19.4	16.9	17.6	22.5	21.6	19.6	16.4	12.7	14.7	10.1	7.9	12.4	13.7	14.2	22.5	7.9
Avg	5.9	6.9	7.3	7.5	7.0	7.9	8.4	8.7	8.6	10.2	9.7	9.4	9.1	9.0	8.8	8.5	8.3	7.7	6.6	6.3	5.4	4.6	4.6	5.4	7.6	15.5	1.9
Max	14.9	25.6	25.1	24.4	20.5	26.5	17.7	18.0	16.5	23.3	21.3	24.8	25.5	20.7	22.5	21.6	19.6	18.0	12.9	20.9	27.9	32.5	26.7	27.9	14.8	32.5	7.9
Min	1.6	0.8	0.9	1.1	0.5	1.0	0.8	0.5	2.0	3.6	2.8	3.4	3.0	2.7	3.2	2.8	2.7	2.7	2.6	1.3	1.1	1.5	0.7	1.4	4.0	8.3	0.5

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Direction (degrees)
January 2015

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	200	205	218	229	223	222	221	217	215	217	205	197	206	210	226	341	360	347	26	23	31	21	345	15	242
2	5	40	24	352	24	26	31	43	16	52	93	335	38	323	41	39	13	342	342	25	25	16	329	334	16
3	340	2	60	358	33	35	250	241	204	201	197	211	202	205	218	18	355	14	3	27	1	8	21	14	348
4	32	42	43	52	38	23	355	22	84	203	207	335	1	32	18	21	11	24	31	19	27	18	59	31	27
5	17	28	15	36	27	31	29	27	53	23	16	18	247	217	23	28	24	33	356	206	20	214	335	42	19
6	51	346	223	9	25	19	324	112	4	18	18	38	27	339	15	39	41	333	276	24	7	12	5	21	12
7	4	6	16	17	323	202	213	217	206	209	35	37	158	165	16	170	193	270	15	202	221	218	215	217	224
8	216	212	217	217	213	215	215	212	213	213	205	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	213
9	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	
10	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	
11	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	
12	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	216	209	216	210	244	331	300	329	53	317	312	314	311	284
13	303	271	21	47	145	192	217	209	214	201	193	210	209	211	199	36	336	322	345	10	32	119	25	14	253
14	324	7	24	11	19	34	49	33	45	136	36	3	19	40	24	62	99	93	91	91	73	73	69	44	47
15	38	32	16	11	38	29	22	19	32	23	45	53	76	27	8	26	20	21	342	1	26	350	349	358	22
16	33	358	122	209	202	230	291	23	12	10	48	33	217	223	206	353	16	350	236	12	20	33	22	34	2
17	78	28	8	39	52	5	360	4	13	10	6	7	27	19	21	13	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	20
18	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	212	217	15	255	246	244	243	267	248	229	263	224	245	277	279	259	251
19	258	173	164	219	215	209	226	206	211	217	224	215	213	302	294	297	292	294	308	133	309	40	11	343	247
20	217	213	195	243	228	192	254	7	334	19	24	38	36	26	3	348	343	321	18	349	274	197	210	317	317
21	248	34	349	3	335	218	9	12	205	16	45	60	37	26	359	24	6	349	3	12	28	41	35	52	15
22	79	32	28	93	56	52	44	51	49	65	52	69	16	21	11	357	348	344	25	81	16	47	270	40	37
23	25	124	212	191	33	215	215	215	218	215	207	204	222	258	7	38	219	324	343	209	22	183	31	23	229
24	27	8	55	287	33	56	36	9	11	4	Wx	Wx	53	20	23	340	354	359	2	357	22	21	232	30	14
25	40	35	241	182	224	335	332	203	257	130	200	360	20	24	6	357	350	5	352	360	4	354	348	328	348
26	360	355	343	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	15	36	24	28	24	2	354	1	41	348	16	18	6	11
27	337	31	6	37	58	36	187	177	186	197	188	185	198	210	199	201	269	349	34	10	164	14	46	201	167
28	221	215	222	227	231	224	222	224	216	198	195	184	117	189	26	39	60	34	329	224	201	211	288	203	214
29	214	244	329	17	41	19	13	28	10	9	340	330	337	329	333	341	333	355	57	41	76	25	30	305	359
30	295	352	262	20	18	49	29	42	60	55	31	81	184	79	99	20	255	219	219	217	231	223	208	223	15
31	223	223	222	220	224	223	222	217	217	215	211	209	206	205	205	205	215	225	217	211	214	195	202	219	214
Prev	346	7	353	358	22	8	309	11	258	160	70	12	120	314	360	8	346	341	350	23	5	14	350	354	357

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Direction (degrees)
February 2015

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	223	221	214	219	225	194	211	213	213	202	226	31	213	21	28	21	14	353	11	358	2	13	12	8	293
2	41	18	21	355	11	16	17	29	67	10	3	62	192	210	255	29	25	23	358	26	25	30	9	227	18
3	269	20	10	23	26	24	40	21	48	47	51	47	40	39	62	16	355	352	7	16	11	25	24	203	24
4	17	257	358	10	21	41	16	12	359	3	359	20	14	357	6	346	330	330	335	320	325	329	66	14	358
5	353	115	197	211	248	304	15	32	184	14	33	29	38	79	21	16	24	33	22	23	6	23	208	222	21
6	217	220	221	214	199	189	271	282	311	230	208	191	208	221	357	327	228	207	201	190	195	202	192	193	220
7	194	186	200	196	195	195	207	211	221	214	215	224	222	227	227	227	238	248	223	201	231	332	246	226	219
8	237	217	222	221	225	221	215	221	220	222	188	192	205	96	101	99	62	7	348	198	208	204	221	214	206
9	212	197	199	203	191	205	201	189	206	196	187	192	208	226	225	232	224	218	217	226	224	219	216	230	210
10	224	212	203	216	198	225	217	208	211	214	272	246	5	32	90	85	62	65	253	335	329	342	219	227	233
11	233	213	214	297	206	204	214	359	21	29	33	5	7	9	25	2	357	349	16	24	355	29	15	9	356
12	329	349	224	201	264	285	237	215	215	210	187	93	333	32	11	16	14	355	326	6	349	315	323	299	312
13	348	273	216	211	224	319	4	339	20	14	35	14	12	10	349	350	345	12	352	40	19	12	306	20	353
14	233	215	221	222	216	223	212	223	221	217	211	212	191	198	150	169	249	9	330	353	1	1	337	341	234
15	360	339	333	350	215	266	321	4	289	73	24	353	356	2	313	326	335	294	265	149	357	296	360	333	333
16	260	219	227	344	4	18	61	338	152	72	14	26	19	1	20	33	40	65	296	229	227	312	271	230	348
17	212	225	311	233	206	211	323	326	203	144	43	6	27	19	33	35	49	35	345	354	302	227	191	213	315
18	208	210	221	224	228	217	207	221	220	225	234	216	199	13	11	358	11	4	356	350	28	3	347	20	275
19	216	215	218	251	268	206	218	223	216	216	211	210	213	289	350	310	16	10	355	359	352	312	291	333	267
20	328	296	176	198	227	243	257	264	274	280	295	325	355	321	324	291	350	12	354	327	330	323	338	334	305
21	341	296	329	341	15	278	213	200	223	314	354	358	9	355	357	358	360	358	354	349	349	340	350	350	338
22	356	344	340	343	352	352	10	339	335	357	1	4	355	10	18	20	19	28	343	271	338	10	11	296	353
23	355	12	21	2	16	13	357	9	203	216	150	140	64	12	43	14	37	352	276	216	213	211	218	225	358
24	222	227	221	222	219	219	227	218	Au	Au	Au	Au	Au	Au	Au	181	22	8	346	21	343	343	324	313	272
25	283	290	329	248	322	318	314	321	310	304	1	308	334	318	318	317	326	295	279	350	34	1	343	349	320
26	333	304	229	219	295	269	288	318	237	284	299	332	61	57	95	24	14	23	351	299	202	210	206	253	298
27	213	205	208	221	206	216	220	213	199	194	187	190	114	80	77	189	202	197	181	222	213	214	207	87	194
28	359	102	120	119	264	153	330	355	346	22	1	68	43	353	339	324	342	354	345	327	329	321	329	309	354
Prev	276	247	235	242	247	248	269	287	238	259	320	5	11	8	15	359	2	359	329	333	331	329	305	290	310

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Wind Direction (degrees)
March 2015

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	323	347	330	4	21	273	4	350	212	213	170	53	182	196	160	41	240	227	204	223	214	247	200	202	241
2	207	330	15	26	7	5	28	31	21	41	36	345	9	358	346	331	316	303	315	324	337	334	329	319	351
3	329	326	347	355	329	324	322	320	319	321	328	339	329	331	340	323	332	341	339	355	328	284	360	345	332
4	352	250	211	213	210	200	211	209	214	206	186	177	191	141	108	192	260	34	318	219	198	193	209	208	206
5	220	217	211	215	227	215	218	216	218	230	207	208	190	228	44	11	32	12	357	342	12	16	269	318	249
6	236	219	233	207	210	213	218	215	213	216	223	215	211	205	164	68	30	30	309	291	227	241	234	217	223
7	218	205	209	221	229	221	221	220	219	219	207	194	138	115	107	102	47	39	323	2	264	211	42	316	208
8	23	232	320	342	201	208	220	214	214	218	214	193	174	198	338	358	5	6	358	339	303	313	318	204	271
9	213	222	219	223	221	221	221	222	222	209	204	207	200	236	69	35	53	19	326	328	223	257	6	264	234
10	224	219	226	211	207	213	205	214	217	220	190	73	28	33	25	13	18	341	311	349	36	352	273	238	267
11	203	217	317	210	209	217	210	237	261	254	221	205	197	197	201	190	181	358	335	9	266	220	243	236	229
12	247	261	267	269	256	216	207	225	206	210	210	14	20	6	36	5	344	11	330	296	237	214	205	207	264
13	212	213	220	217	217	218	219	220	216	225	214	210	131	114	77	110	99	65	338	335	339	351	244	282	215
14	217	213	217	212	208	215	215	206	212	243	213	204	196	187	184	176	171	175	205	260	271	90	27	358	208
15	240	206	216	214	217	217	211	225	206	220	220	210	204	212	222	212	28	9	244	261	280	267	276	279	232
16	321	297	260	288	193	235	211	229	229	208	181	55	96	213	138	81	68	21	9	353	339	347	333	340	294
17	25	40	286	218	208	217	218	223	215	219	194	190	187	231	235	265	300	349	334	327	344	342	43	12	263
18	1	356	6	265	309	341	2	262	85	316	335	341	327	343	353	337	25	359	341	337	285	250	280	238	330
19	342	227	199	217	222	224	221	216	221	212	194	193	205	177	154	152	146	110	86	339	334	355	21	334	207
20	7	10	5	321	305	218	218	208	210	215	191	136	9	23	31	19	20	16	325	261	316	356	268	210	317
21	220	214	232	227	217	224	243	257	265	267	249	262	263	263	245	249	258	246	269	280	337	233	225	210	247
22	287	324	320	355	301	356	348	247	182	208	213	203	172	157	209	332	132	62	14	303	297	23	24	167	292
23	221	262	260	266	227	208	205	213	199	226	231	260	251	253	252	241	264	267	260	227	230	217	240	244	239
24	221	198	193	188	186	201	219	224	239	245	277	282	283	298	319	321	310	312	305	281	325	256	350	339	267
25	211	207	208	225	209	215	217	219	217	220	205	175	174	203	332	358	27	59	36	344	337	329	305	33	240
26	204	336	223	345	204	297	302	204	209	205	199	221	149	19	19	87	63	72	54	348	328	266	225	351	276
27	359	211	216	221	151	316	291	206	98	37	25	28	30	33	37	26	37	68	22	333	349	350	213	213	10
28	221	241	252	248	249	275	258	253	269	269	270	281	268	276	256	269	297	313	350	325	322	315	221	294	274
29	345	288	217	319	7	36	212	219	202	218	204	208	162	50	53	98	80	74	101	9	343	278	249	308	289
30	322	337	6	213	208	211	208	221	219	220	189	39	34	28	10	72	58	70	328	8	12	9	262	206	331
31	219	222	219	224	241	255	258	269	284	282	286	272	273	272	312	310	324	340	353	338	344	333	277	278	282
Prev	261	253	251	246	228	236	233	229	221	231	217	220	199	233	20	12	15	15	335	320	309	298	279	271	260

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
January 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	15	18	5	11	4	9	5	5	4	6	7	5	9	7	38	14	7	16	9	10	11	21	32	18	12	38	4
2	28	16	18	21	17	17	25	27	23	59	80	37	59	49	22	21	20	12	16	75	34	34	24	20	31	80	12
3	33	19	49	27	13	88	60	63	26	32	16	11	9	64	89	15	13	7	15	23	26	21	18	14	31	89	7
4	17	19	15	23	14	69	34	14	54	7	13	40	16	18	16	14	21	11	10	14	17	34	65	16	24	69	7
5	12	45	13	61	20	19	16	27	72	23	54	11	77	36	15	12	10	18	46	38	42	10	86	14	32	86	10
6	36	43	64	47	20	31	48	88	15	14	22	13	17	12	30	11	14	76	75	9	11	11	12	11	30	88	9
7	15	9	21	17	42	22	10	16	14	64	24	29	46	52	37	51	7	89	30	31	10	8	6	4	27	89	4
8	5	5	4	4	4	4	4	5	5	6	6	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	5	6	4
9	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx			
10	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx			
11	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx			
12	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	7	6	5	10	77	21	18	35	78	23	6	6	6	23	78	5
13	7	75	37	70	76	32	19	16	24	14	28	9	10	9	20	52	22	13	33	53	34	29	19	39	31	76	7
14	52	49	15	21	13	7	24	13	17	71	51	27	23	14	10	19	20	15	17	18	18	12	11	18	23	71	7
15	11	11	12	20	11	10	11	12	20	33	51	42	65	29	24	18	19	23	14	25	30	17	15	27	23	65	10
16	49	34	53	6	5	14	90	16	13	75	64	37	77	20	74	47	23	49	94	63	45	92	17	13	45	94	5
17	61	9	22	14	12	18	16	12	31	26	54	14	18	14	10	7	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	21	61	7
18	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	19	46	25	70	13	16	17	37	15	17	96	14	18	3	5	6	26	96	3
19	55	79	69	10	21	50	6	32	19	17	6	8	27	16	11	13	8	6	70	92	92	37	27	45	34	92	6
20	32	30	28	75	31	39	58	14	29	76	30	20	31	34	20	17	12	20	43	24	76	15	18	21	33	76	12
21	61	44	20	26	41	38	22	36	92	17	17	20	16	30	24	23	19	17	24	20	14	20	25	34	29	92	14
22	19	19	35	31	19	17	32	17	30	45	38	35	28	14	20	17	21	21	20	33	16	49	73	27	28	73	14
23	77	35	16	42	41	27	7	5	5	6	5	8	10	77	59	79	8	56	46	59	34	74	27	74	37	79	5
24	22	27	28	79	22	21	12	25	12	7	Wx	Wx	39	19	21	16	16	14	14	17	12	19	68	15	24	79	7
25	31	26	95	42	65	23	44	60	58	52	54	43	21	21	35	30	30	26	14	14	14	16	19	26	36	95	14
26	16	13	15	Wx	Wx	Wx	Wx	Wx	Wx	Wx	Wx	5	11	8	11	12	12	22	83	26	48	13	21	15	21	83	5
27	30	25	15	17	24	43	12	9	11	11	10	13	21	10	9	8	50	63	49	32	78	53	91	37	30	91	8
28	6	4	5	4	6	6	8	7	11	7	10	45	89	30	48	51	24	47	20	65	46	27	71	49	29	89	4
29	52	71	50	28	13	21	21	17	25	23	18	6	11	8	10	10	9	27	27	37	58	16	56	35	27	71	6
30	50	52	73	41	20	54	15	18	18	12	41	65	26	94	79	36	61	8	6	13	16	5	20	6	35	94	5
31	4	5	4	6	6	5	5	5	4	5	5	5	7	7	8	8	5	7	12	14	41	33	13	13	9	41	4
Avg	31	30	30	30	22	27	24	22	25	29	29	24	29	26	28	26	19	27	35	35	33	26	33	23	28	76	7
Max	77	79	95	79	76	88	90	88	92	76	80	70	89	94	89	79	61	89	96	92	92	92	91	74	45	96	14
Min	4	4	4	4	4	4	4	5	4	5	5	5	6	5	8	7	5	6	6	9	10	3	5	4	5	6	3

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
February 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	7	5	10	5	32	56	7	6	4	6	53	18	40	52	15	12	14	18	16	26	24	66	20	19	22	66	4
2	21	9	11	24	25	11	14	52	51	13	19	51	19	6	83	22	18	17	37	17	60	30	56	89	31	89	6
3	72	67	18	10	23	14	66	13	14	17	11	11	34	44	77	15	18	16	16	17	13	28	66	67	31	77	10
4	17	80	55	16	67	67	20	12	16	19	20	23	18	16	15	19	8	12	16	14	14	14	50	26	26	80	8
5	31	46	10	7	31	92	24	48	26	40	30	11	19	77	39	62	13	10	20	24	36	42	20	14	32	92	7
6	13	7	8	9	11	23	61	69	71	71	12	18	16	42	31	74	11	13	7	6	7	10	5	7	25	74	5
7	7	9	8	6	5	7	8	6	8	7	8	8	9	12	10	7	11	7	22	29	21	78	84	19	17	84	5
8	17	11	9	8	7	9	6	5	5	7	10	17	15	35	27	12	57	99	65	37	13	6	12	19	21	99	5
9	6	7	15	11	7	9	11	6	5	7	6	5	11	8	9	10	11	7	8	12	8	13	11	12	9	15	5
10	12	14	18	28	12	13	10	14	13	32	12	55	67	32	45	55	28	25	85	22	27	30	38	48	31	85	10
11	36	34	51	42	11	10	29	57	18	19	8	26	23	25	21	21	20	25	17	41	47	20	56	29	29	57	8
12	33	68	38	14	62	64	51	21	8	11	22	45	91	44	36	24	16	20	29	27	34	52	57	37	38	91	8
13	21	61	15	15	53	31	67	37	16	11	9	17	17	23	17	18	16	15	20	14	22	33	26	49	26	67	9
14	33	10	9	10	13	25	32	9	5	5	7	9	20	23	65	70	97	22	26	20	20	20	5	21	24	97	5
15	37	14	6	62	56	58	43	31	78	28	23	23	20	23	36	29	25	21	31	80	56	65	38	23	38	80	6
16	71	61	81	51	20	28	35	59	70	41	17	22	29	31	32	25	18	20	72	36	61	71	69	40	44	81	17
17	28	59	58	54	16	20	79	71	10	51	16	41	22	39	27	21	11	22	22	28	48	31	65	22	36	79	10
18	18	7	6	7	11	27	7	4	5	8	11	13	33	18	24	22	14	21	31	44	57	48	29	85	23	85	4
19	47	4	5	60	87	13	5	7	6	5	9	12	16	87	43	42	22	25	16	28	30	27	58	34	29	87	4
20	17	54	52	51	14	74	32	9	6	10	13	33	35	54	35	25	32	25	15	9	11	39	66	30	31	74	6
21	54	51	23	29	25	77	29	58	86	10	22	18	14	21	19	19	18	19	20	17	16	7	18	13	28	86	7
22	17	9	6	8	17	18	22	7	11	19	19	21	20	20	20	20	15	11	33	53	68	28	28	79	24	79	6
23	28	27	17	16	13	13	45	76	18	7	62	53	65	50	47	34	22	27	43	25	22	29	10	6	31	76	6
24	5	4	5	5	4	8	7	4	Au	Au	Au	Au	Au	Au	Au	80	17	12	25	30	42	99	60	23	25	99	4
25	9	71	70	90	44	13	8	8	13	9	47	48	29	27	39	49	25	22	15	57	46	19	14	18	33	90	8
26	18	26	33	20	34	25	7	70	88	51	18	31	18	21	86	38	17	21	46	56	34	12	39	44	36	88	7
27	16	33	20	20	29	10	5	4	11	7	13	19	46	22	16	88	14	33	46	21	18	25	50	56	26	88	4
28	25	32	15	16	89	75	35	43	18	14	13	26	40	17	21	8	24	17	9	8	6	6	11	22	25	89	6
Avg	26	31	24	25	29	32	27	29	25	19	19	25	29	32	35	33	22	22	29	29	31	34	38	34	28	81	7
Max	72	80	81	90	89	92	79	76	88	71	62	55	91	87	86	88	97	99	85	80	68	99	84	89	44	99	17
Min	5	4	5	5	4	7	5	4	4	5	6	5	9	6	9	7	8	7	7	6	6	6	5	6	9	15	4

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
March 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	17	26	8	34	26	93	28	52	8	8	64	59	83	70	53	70	88	73	31	23	36	40	27	22	43	93	8
2	37	71	51	22	15	15	9	9	15	15	23	28	23	28	23	16	17	15	13	7	10	7	12	9	20	71	7
3	9	6	15	15	7	7	7	8	7	8	10	20	23	17	23	29	24	23	19	26	60	58	36	22	20	60	6
4	39	63	16	14	11	13	10	17	12	8	10	15	28	65	52	60	83	37	27	40	34	13	14	18	29	83	8
5	5	9	54	4	65	22	37	7	21	9	16	15	15	53	79	23	12	18	11	8	21	22	63	79	28	79	4
6	53	35	45	24	14	11	7	20	9	7	9	11	14	21	47	83	38	23	28	51	53	63	36	34	31	83	7
7	25	16	9	13	13	13	6	5	7	7	8	24	61	90	74	55	45	16	20	54	85	80	88	40	36	90	5
8	41	83	45	46	64	22	12	10	8	8	7	36	43	48	62	31	28	16	32	21	45	32	50	64	36	83	7
9	38	31	9	5	5	4	4	4	9	7	9	9	12	48	80	54	37	40	56	25	77	69	51	47	30	80	4
10	26	32	37	21	14	7	5	14	7	8	32	78	31	21	17	25	22	18	9	47	33	28	85	63	28	85	5
11	11	9	97	63	23	16	35	21	13	8	9	12	9	11	8	8	11	46	12	66	33	16	13	15	24	97	8
12	13	5	8	8	38	14	23	17	19	10	81	31	32	73	44	36	36	25	19	27	42	33	17	9	28	81	5
13	12	12	6	5	4	4	5	6	7	9	9	17	79	30	19	13	18	31	11	23	42	38	60	74	22	79	4
14	35	16	4	6	6	5	6	12	17	14	12	6	7	7	6	8	6	8	26	25	38	64	49	43	18	64	4
15	42	32	17	18	6	6	19	8	50	7	9	9	13	7	16	62	14	64	71	16	8	7	8	7	22	71	6
16	52	94	37	21	55	43	15	25	70	14	52	67	48	23	88	31	28	15	11	17	6	10	7	17	35	94	6
17	35	60	73	54	16	9	7	16	13	6	10	24	13	11	17	24	23	15	7	10	24	24	67	51	25	73	6
18	16	20	38	48	36	17	67	83	83	77	22	36	35	39	43	42	25	19	19	23	36	53	47	49	41	83	16
19	24	50	42	13	9	8	4	9	6	9	9	10	15	32	37	18	23	10	64	49	22	37	23	58	24	64	4
20	53	57	21	56	66	55	26	9	11	12	17	94	20	16	10	9	7	15	30	71	63	21	68	16	34	94	7
21	10	7	9	7	8	11	9	8	10	9	15	8	7	9	17	22	19	16	17	28	83	55	39	35	19	83	7
22	89	53	49	16	58	15	44	56	46	23	10	15	29	28	43	19	93	32	44	34	28	29	59	72	41	93	10
23	35	6	6	9	16	13	10	11	10	13	12	12	13	14	21	20	13	14	26	39	22	16	22	15	16	39	6
24	8	6	6	6	7	6	11	10	10	18	19	10	11	14	14	30	26	20	15	9	38	86	64	73	22	86	6
25	54	50	21	6	11	13	15	4	6	6	14	15	18	26	52	20	28	13	23	17	21	31	68	27	23	68	4
26	23	62	48	29	34	39	87	18	20	18	19	22	72	68	22	33	26	14	27	23	27	62	37	23	36	87	14
27	29	27	51	23	19	59	42	46	91	19	31	33	27	20	19	18	19	18	46	16	35	64	25	6	33	91	6
28	10	8	8	9	15	12	23	11	12	17	16	30	27	35	58	41	34	22	39	35	53	51	65	73	29	73	8
29	31	61	48	32	50	74	21	11	22	8	12	19	59	40	20	40	26	14	37	38	22	64	64	45	36	74	8
30	51	50	41	42	19	27	4	6	7	9	50	80	33	19	18	28	18	11	54	28	21	33	65	10	30	80	4
31	12	8	10	23	16	8	9	7	17	28	18	13	16	15	20	19	19	25	15	15	24	31	10	7	16	31	7
Avg	30	34	30	22	24	21	20	17	21	14	20	28	30	32	36	32	29	23	28	29	37	40	43	36	28	78	7
Max	89	94	97	63	66	93	87	83	91	77	81	94	83	90	88	83	93	73	71	71	85	86	88	79	43	97	16
Min	5	5	4	4	4	4	4	4	6	6	7	6	7	7	6	8	6	8	7	7	6	7	7	6	16	31	4

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
January 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	7.4	7.7	10.0	9.6	8.9	7.7	7.5	6.4	6.9	7.8	9.0	10.7	12.8	14.7	16.4	13.8	12.7	10.8	8.6	7.5	8.7	9.5	9.3	9.8	9.8	16.4	6.4
2	10.1	10.1	10.1	10.3	10.3	10.1	10.1	10.1	10.1	10.3	10.5	10.7	11.4	12.1	12.6	12.9	13.1	12.6	12.6	12.8	12.9	11.5	11.6	11.2	11.3	13.1	10.1
3	10.8	10.3	10.5	9.9	10.3	9.9	8.8	9.0	9.6	11.0	13.0	16.3	18.5	21.0	22.9	23.5	21.5	19.7	18.8	16.7	17.5	17.4	17.4	17.3	15.1	23.5	8.8
4	16.2	16.6	16.6	17.4	17.7	18.1	18.6	18.7	19.2	19.7	21.4	21.9	22.2	23.0	24.0	24.8	24.1	23.6	23.0	23.0	23.2	22.9	23.1	22.9	20.9	24.8	16.2
5	22.9	23.2	23.4	24.2	24.8	24.9	24.7	25.4	28.6	26.3	27.7	28.6	37.1	42.9	31.0	30.5	29.9	29.4	30.8	33.7	32.4	35.0	36.7	31.9	29.4	42.9	22.9
6	31.8	32.9	33.6	32.2	30.4	30.9	32.0	31.7	32.9	33.2	34.8	37.1	38.3	37.1	36.7	36.2	36.4	36.1	34.8	32.8	33.3	33.4	33.1	31.1	33.9	38.3	30.4
7	31.4	31.5	31.8	31.5	32.3	31.4	31.3	31.2	31.6	31.8	32.1	32.8	32.7	32.8	32.8	32.8	32.6	32.5	31.9	31.3	31.0	30.9	30.7	30.5	31.8	32.8	30.5
8	30.2	29.1	28.7	28.9	28.4	27.4	26.6	25.6	25.4	25.8	26.5	27.3	28.2	28.9	29.2	29.1	28.9	28.3	27.5	26.8	26.4	26.3	26.1	25.9	27.6	30.2	25.4
9	26.0	26.4	26.5	26.5	26.4	26.0	25.6	25.5	25.5	26.0	26.4	27.3	27.8	28.0	28.3	28.3	28.4	28.4	28.5	28.4	28.4	28.4	28.5	28.5	27.2	28.5	25.5
10	28.6	28.5	28.5	28.6	28.5	28.3	28.3	28.4	28.5	28.7	28.9	28.9	29.1	29.5	29.7	29.9	29.8	29.7	29.7	29.4	29.1	29.0	29.2	29.3	29.0	29.9	28.3
11	29.5	29.5	29.4	29.5	29.5	29.0	28.8	28.8	28.8	29.4	30.0	30.7	31.1	31.3	31.5	31.7	31.7	31.8	31.8	31.7	31.8	31.9	32.0	32.1	30.6	32.1	28.8
12	32.0	31.6	31.5	31.3	31.2	31.1	31.0	30.9	30.7	31.3	32.0	33.0	34.7	35.5	37.2	39.8	41.4	40.3	39.7	36.8	37.6	38.4	38.6	38.1	34.8	41.4	30.7
13	37.6	36.8	35.9	35.8	35.1	33.6	32.6	32.1	31.7	31.6	33.5	35.8	38.5	39.7	41.3	42.2	42.0	39.1	35.8	33.8	31.7	31.0	29.3	29.0	35.2	42.2	29.0
14	29.3	26.8	26.2	26.2	26.8	27.0	27.2	27.4	27.2	27.7	28.5	29.2	30.0	30.2	30.1	30.4	30.5	30.5	30.2	29.9	29.6	29.2	28.7	28.8	28.7	30.5	26.2
15	28.6	28.2	28.0	28.2	28.2	28.2	28.2	27.8	27.8	27.8	28.0	28.3	28.6	28.9	29.0	28.9	29.0	28.9	28.8	28.6	28.2	28.1	28.0	28.0	28.3	29.0	27.8
16	27.6	28.2	27.9	28.5	29.2	30.7	30.5	28.9	28.1	28.6	29.1	30.3	31.0	39.5	42.1	38.7	37.5	36.3	33.5	32.7	28.4	28.3	24.3	24.4	31.0	42.1	24.3
17	24.0	24.0	24.5	25.2	26.0	26.9	27.2	27.4	27.9	28.2	28.5	29.0	29.1	29.4	29.8	30.1	30.3	30.3	30.2	29.8	29.4	29.4	29.5	29.4	28.1	30.3	24.0
18	29.4	29.6	30.0	30.0	29.5	29.0	29.1	30.3	38.8	43.2	35.9	42.9	50.4	52.0	52.2	51.9	51.0	48.7	44.3	45.8	45.4	44.9	44.5	43.4	40.5	52.2	29.0
19	41.0	38.3	35.9	37.1	35.3	34.2	35.7	33.4	33.3	34.8	36.6	38.3	40.8	44.2	44.9	45.2	44.5	42.1	38.5	36.7	36.0	36.3	35.1	35.0	38.1	45.2	33.3
20	33.8	33.5	32.7	32.3	31.9	31.0	30.9	29.1	30.2	29.6	32.0	35.0	36.2	37.2	37.8	38.2	37.9	35.2	33.2	32.3	31.2	30.1	29.6	29.0	32.9	38.2	29.0
21	28.2	26.9	27.2	26.0	25.6	25.2	23.2	19.2	19.7	19.2	20.8	21.9	22.6	23.2	24.1	24.0	23.4	23.6	24.1	24.4	24.8	24.9	24.9	25.3	23.8	28.2	19.2
22	25.4	25.3	25.1	25.0	25.0	24.7	24.4	24.3	24.1	24.3	24.7	25.2	25.7	25.9	26.1	26.0	26.3	26.6	26.7	26.8	26.7	26.7	27.2	26.6	25.6	27.2	24.1
23	26.8	26.8	27.7	27.6	27.5	27.9	27.6	28.2	28.3	28.9	30.6	32.8	35.7	38.1	39.3	40.5	42.3	38.3	34.0	32.1	30.9	30.4	31.3	31.3	31.9	42.3	26.8
24	29.5	29.3	29.0	29.3	29.2	29.2	29.6	28.7	28.6	28.8	29.2	29.8	31.4	32.2	33.2	33.0	33.1	32.7	32.2	31.8	31.4	31.0	30.7	30.3	30.5	33.2	28.6
25	30.0	29.8	29.6	29.3	29.5	29.9	30.2	30.0	30.1	30.0	29.9	30.5	30.9	31.1	31.4	31.8	31.7	31.5	31.6	31.6	31.4	31.2	31.3	31.5	30.7	31.8	29.3
26	31.7	31.8	31.6	31.2	31.0	31.0	31.0	31.1	31.5	31.9	32.1	32.3	32.8	33.3	33.9	34.1	34.2	34.3	34.6	34.1	34.0	34.0	33.9	34.0	32.7	34.6	31.0
27	34.3	33.8	33.7	33.7	33.8	34.0	33.8	33.3	32.9	32.7	32.4	32.6	33.4	34.3	35.1	36.7	37.6	37.3	36.3	35.8	35.6	35.4	35.2	35.3	34.5	37.6	32.4
28	36.9	36.8	37.0	37.5	37.6	37.8	38.1	38.5	37.8	37.5	40.7	43.5	45.9	46.5	47.4	48.0	48.2	45.6	43.8	40.5	40.2	39.5	38.8	37.9	40.9	48.2	36.8
29	37.1	35.7	35.1	33.7	32.3	31.4	30.1	30.7	31.6	31.8	32.3	32.8	33.6	33.8	34.5	34.9	35.6	36.1	35.5	35.4	35.6	35.6	35.2	36.1	34.0	37.1	30.1
30	36.5	36.1	35.9	35.6	35.4	35.0	34.7	34.4	34.1	34.4	35.2	37.1	39.1	40.5	42.2	43.8	43.8	42.2	39.7	37.4	38.2	37.6	36.1	35.8	37.5	43.8	34.1
31	35.8	34.5	34.5	34.2	33.2	32.3	31.8	31.6	31.5	32.1	34.1	36.4	39.3	42.4	45.0	46.7	47.3	46.4	44.4	41.6	40.7	38.9	38.5	39.6	38.0	47.3	31.5
Avg	28.4	28.1	28.0	27.9	27.8	27.5	27.4	27.0	27.5	27.9	28.6	30.0	31.6	32.9	33.3	33.5	33.4	32.5	31.5	30.7	30.4	30.2	29.9	29.7	29.8	34.7	26.1
Max	41.0	38.3	37.0	37.5	37.6	37.8	38.1	38.5	38.8	43.2	40.7	43.5	50.4	52.0	52.2	51.9	51.0	48.7	44.4	45.8	45.4	44.9	44.5	43.4	40.9	52.2	36.8
Min	7.4	7.7	10.0	9.6	8.9	7.7	7.5	6.4	6.9	7.8	9.0	10.7	11.4	12.1	12.6	12.9	12.7	10.8	8.6	7.5	8.7	9.5	9.3	9.8	9.8	13.1	6.4

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
February 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	40.1	39.7	38.2	39.5	39.1	37.1	36.8	37.2	37.1	37.8	38.5	36.5	38.7	37.9	36.2	35.8	35.5	34.5	34.1	33.7	33.3	33.2	32.9	32.7	36.5	40.1	32.7
2	32.4	32.2	32.1	32.0	32.0	31.9	31.9	31.9	32.1	32.1	32.1	32.5	35.3	38.1	39.4	39.2	39.1	38.3	37.2	36.0	34.8	34.2	33.0	32.4	34.3	39.4	31.9
3	40.9	33.4	30.9	30.7	31.1	31.4	31.8	31.8	32.0	32.7	33.6	34.3	35.2	36.4	38.5	39.9	39.7	38.7	38.2	37.6	37.5	37.4	37.4	37.9	35.4	40.9	30.7
4	37.2	37.6	37.7	37.3	37.6	37.4	37.1	37.0	37.1	37.3	37.6	38.0	39.0	39.8	39.8	39.6	40.1	40.5	40.5	40.5	40.1	39.9	39.7	39.6	38.7	40.5	37.0
5	39.6	39.5	39.5	39.6	39.2	38.8	38.6	38.3	37.9	37.9	37.9	38.6	39.4	40.9	42.4	43.8	44.1	42.3	40.6	39.6	38.5	38.0	41.4	50.7	40.3	50.7	37.9
6	50.2	49.8	49.5	48.7	48.5	49.3	48.4	47.2	46.7	47.9	52.1	55.5	57.2	58.0	57.3	59.2	60.4	54.4	53.8	53.1	51.8	50.9	49.4	49.9	52.1	60.4	46.7
7	46.7	46.0	47.5	48.5	48.7	49.6	49.5	48.7	51.2	53.1	55.4	56.6	57.1	58.2	57.5	56.3	55.5	54.5	52.8	50.5	48.8	47.9	48.4	48.3	51.6	58.2	46.0
8	48.9	46.8	46.4	47.3	45.4	44.4	44.9	44.8	43.9	45.0	48.9	50.9	52.0	53.9	55.3	55.5	55.1	53.9	51.4	50.3	49.4	48.5	49.3	49.2	49.2	55.5	43.9
9	49.4	48.4	50.0	49.6	47.6	46.8	45.8	45.3	46.3	47.9	50.2	51.8	53.3	53.7	53.8	54.8	54.1	52.3	50.5	49.3	49.0	48.1	47.2	46.9	49.7	54.8	45.3
10	45.2	43.8	44.1	43.8	42.6	41.9	42.1	41.5	42.1	44.5	45.8	47.1	48.3	49.1	49.5	49.8	50.1	48.6	46.6	43.8	43.5	41.5	40.8	39.3	44.8	50.1	39.3
11	39.1	37.3	37.5	37.1	36.2	36.2	35.8	34.5	33.4	34.2	37.0	37.6	38.9	40.2	42.1	44.3	45.8	44.8	43.1	42.2	41.5	40.5	40.6	39.6	39.1	45.8	33.4
12	40.2	38.7	39.4	38.2	37.4	37.0	37.4	37.3	37.7	38.6	39.9	44.1	46.3	48.4	50.1	51.0	50.4	49.1	46.6	43.6	42.9	42.2	41.1	40.8	42.4	51.0	37.0
13	40.4	40.1	39.6	38.6	38.3	38.5	37.3	37.9	36.0	37.2	40.6	42.5	44.4	46.3	46.5	47.6	47.3	46.3	43.8	41.6	40.9	40.7	42.0	40.6	41.5	47.6	36.0
14	42.0	41.2	41.0	41.7	40.4	41.6	41.4	41.4	41.7	42.9	45.7	48.4	52.6	54.9	57.2	58.6	59.4	56.6	52.3	49.5	47.6	46.6	44.8	44.3	47.2	59.4	40.4
15	42.8	43.2	43.5	41.2	39.6	40.6	40.8	39.6	38.1	42.0	44.6	46.2	47.6	48.5	49.7	50.9	51.3	50.9	47.6	43.8	43.1	41.5	40.1	40.3	44.1	51.3	38.1
16	39.3	37.2	36.6	36.9	33.5	33.7	33.8	34.9	34.1	39.0	40.9	41.5	42.6	44.0	45.2	45.8	46.3	45.4	42.4	39.5	37.5	37.1	36.6	36.6	39.2	46.3	33.5
17	35.2	34.1	33.1	33.2	32.4	31.4	31.1	31.3	30.0	33.0	36.6	38.9	41.4	42.9	44.7	45.9	45.8	44.6	41.5	38.9	38.3	37.6	36.6	36.2	37.3	45.9	30.0
18	34.9	35.5	37.1	35.4	35.3	33.9	33.3	33.9	35.5	36.5	39.3	42.9	46.4	48.2	49.6	50.8	50.4	48.6	45.7	42.8	42.0	41.8	42.2	40.8	40.9	50.8	33.3
19	41.0	41.6	41.0	40.8	37.2	37.2	39.3	39.5	38.2	41.2	44.3	47.2	52.7	55.8	57.3	58.3	56.3	53.1	49.3	46.6	45.0	45.1	44.2	42.2	45.6	58.3	37.2
20	40.9	40.3	38.2	39.3	38.9	36.4	38.3	39.8	40.1	43.0	45.2	45.7	46.6	47.7	48.6	49.7	49.2	46.8	44.6	42.4	41.1	39.7	38.7	38.3	42.5	49.7	36.4
21	37.9	38.5	38.0	37.1	36.9	36.0	36.8	36.0	37.5	38.9	40.0	39.8	38.1	37.8	40.8	43.0	42.8	41.0	38.2	37.6	36.5	34.5	33.9	32.8	37.9	43.0	32.8
22	31.0	30.0	29.5	29.7	29.4	28.3	26.1	26.3	26.9	28.2	29.4	30.9	32.1	33.6	34.7	35.7	36.5	36.3	33.8	31.9	30.2	29.6	29.4	28.1	30.7	36.5	26.1
23	27.0	25.3	24.3	24.4	24.0	24.7	23.5	22.8	24.1	27.1	30.8	33.4	35.6	37.6	39.1	40.3	41.3	41.5	38.6	34.6	35.4	34.3	36.6	37.0	31.8	41.5	22.8
24	35.3	34.6	33.0	32.2	32.2	30.6	31.1	29.7	Au	Au	Au	Au	Au	Au	Au	54.3	53.0	50.7	45.5	43.2	43.8	44.2	44.6	46.6	40.3	54.3	29.7
25	48.3	45.5	43.7	42.0	40.9	39.7	40.2	40.2	42.3	44.7	46.0	47.4	48.8	49.5	49.9	50.4	50.7	50.4	48.8	45.1	43.6	42.8	42.4	41.7	45.2	50.7	39.7
26	40.2	38.6	38.8	38.6	39.3	39.4	39.8	39.2	39.6	40.7	41.7	42.7	42.5	42.8	44.2	43.7	43.2	42.6	42.2	40.9	39.9	39.0	36.4	36.4	40.5	44.2	36.4
27	36.6	36.5	36.3	35.3	34.9	34.8	35.0	33.8	34.4	36.8	38.6	41.0	42.9	44.4	44.8	43.2	39.9	38.8	38.7	39.6	38.1	37.1	35.8	34.8	38.0	44.8	33.8
28	35.7	36.4	36.4	34.1	34.8	34.6	33.0	32.4	32.7	32.2	33.1	33.4	35.3	38.1	40.7	42.4	43.5	42.8	39.9	37.1	35.8	35.5	34.9	33.2	36.2	43.5	32.2
Avg	39.9	39.0	38.7	38.3	37.6	37.3	37.2	36.9	37.4	39.0	41.0	42.4	44.1	45.4	46.5	47.5	47.4	46.0	43.9	42.0	41.1	40.3	40.0	39.9	41.2	48.4	35.7
Max	50.2	49.8	50.0	49.6	48.7	49.6	49.5	48.7	51.2	53.1	55.4	56.6	57.2	58.2	57.5	59.2	60.4	56.6	53.8	53.1	51.8	50.9	49.4	50.7	52.1	60.4	46.7
Min	27.0	25.3	24.3	24.4	24.0	24.7	23.5	22.8	24.1	27.1	29.4	30.9	32.1	33.6	34.7	35.7	35.5	34.5	33.8	31.9	30.2	29.6	29.4	28.1	30.7	36.5	22.8

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
March 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	33.0	32.5	32.3	30.7	29.6	29.5	28.6	27.9	28.9	30.8	33.3	35.3	36.8	38.3	39.6	40.7	41.4	41.3	38.4	36.3	34.1	32.7	32.2	32.0	34.0	41.4	27.9
2	31.3	30.6	29.0	28.6	28.4	27.6	26.3	26.3	28.5	31.9	34.5	36.4	38.0	39.6	41.5	43.0	43.5	43.3	41.7	38.8	37.5	36.0	34.9	34.5	34.7	43.5	26.3
3	33.7	33.0	31.8	31.3	31.5	31.1	30.6	30.2	31.2	32.2	33.0	33.8	35.1	36.5	37.9	39.1	39.8	39.7	36.5	32.7	31.6	30.6	29.1	28.2	33.3	39.8	28.2
4	26.8	26.7	25.4	25.4	25.1	23.8	23.7	23.1	26.1	28.9	31.4	33.9	36.4	38.6	40.3	41.9	43.0	43.3	40.7	36.7	34.2	33.5	34.4	33.8	32.4	43.3	23.1
5	34.3	32.9	31.8	32.6	30.7	30.6	31.3	31.1	32.3	34.7	37.8	41.4	44.3	46.9	48.7	49.7	49.1	48.9	46.7	44.8	42.6	40.3	39.1	38.6	39.2	49.7	30.6
6	36.9	37.2	36.5	35.8	34.7	35.4	35.8	34.3	36.2	39.6	43.1	47.3	50.4	53.2	55.6	57.5	58.1	57.1	53.0	49.4	46.1	44.8	44.6	43.5	44.4	58.1	34.3
7	43.6	42.5	41.4	42.5	42.1	41.9	40.4	39.9	41.8	43.6	46.3	50.1	53.8	56.6	58.4	60.2	60.8	58.8	54.3	48.8	47.2	46.0	44.6	47.4	48.0	60.8	39.9
8	44.3	43.2	42.8	41.6	40.6	40.3	40.3	39.1	39.8	43.4	46.6	50.8	53.8	56.1	58.5	59.1	59.5	58.9	55.7	50.8	49.8	49.1	47.5	46.1	48.2	59.5	39.1
9	45.7	45.6	44.3	44.0	42.4	42.3	40.6	39.6	40.4	43.1	46.7	51.2	54.5	58.4	61.2	62.7	61.7	61.1	57.4	52.4	49.5	47.5	47.1	48.3	49.5	62.7	39.6
10	45.7	44.5	44.0	42.1	41.6	42.3	39.9	39.8	43.8	47.4	50.7	53.6	56.1	58.3	59.8	61.2	61.1	58.6	57.0	54.6	52.6	52.4	51.7	50.4	50.4	61.2	39.8
11	52.0	55.2	51.0	51.3	51.3	52.2	52.0	55.2	56.3	55.5	54.5	54.1	53.9	53.9	53.2	54.1	54.0	50.3	48.5	47.7	49.2	49.3	50.0	49.8	52.3	56.3	47.7
12	48.3	48.3	48.0	47.6	47.5	45.9	46.1	45.5	45.3	48.1	51.6	53.3	54.5	55.8	57.6	58.5	59.1	59.0	55.9	54.0	51.2	48.6	47.2	48.1	51.0	59.1	45.3
13	48.3	46.2	46.3	45.2	45.2	44.3	43.1	42.0	44.0	47.2	50.9	54.0	56.9	57.9	57.9	59.6	60.9	61.1	59.5	56.7	54.3	52.1	52.0	51.3	51.5	61.1	42.0
14	49.8	52.2	53.7	53.8	54.4	53.9	54.3	54.5	54.1	53.9	53.4	51.9	51.8	54.5	56.6	57.7	59.0	60.2	59.8	58.5	55.7	54.4	53.7	53.1	54.8	60.2	49.8
15	52.7	51.3	51.7	51.8	51.6	50.9	50.4	51.0	51.1	50.6	52.1	53.0	55.4	56.2	58.1	60.3	58.7	57.7	62.9	64.1	59.0	56.4	54.4	53.3	54.8	64.1	50.4
16	52.8	51.0	51.3	50.7	50.1	49.7	48.4	48.0	48.4	48.7	49.3	50.4	51.5	50.4	51.8	52.5	52.4	51.9	51.0	49.8	48.4	47.2	46.2	45.7	49.9	52.8	45.7
17	44.9	44.4	44.9	45.0	45.1	45.4	45.2	45.3	45.5	46.7	49.9	50.0	50.8	55.0	56.8	57.8	57.7	54.5	51.8	49.8	47.7	45.6	44.9	45.3	48.7	57.8	44.4
18	46.0	44.5	43.0	41.9	42.6	40.8	38.1	39.9	41.6	44.8	46.6	48.1	49.7	51.2	52.6	53.8	54.4	54.4	52.2	49.2	48.0	45.4	44.8	43.1	46.5	54.4	38.1
19	42.0	41.0	40.9	40.2	40.8	39.2	39.0	39.0	41.2	43.8	47.6	51.0	54.2	57.4	59.1	60.6	61.3	59.5	56.5	54.2	51.9	50.4	49.0	48.8	48.7	61.3	39.0
20	46.5	44.8	43.9	43.3	43.0	41.5	40.0	41.1	45.1	48.7	52.2	54.9	56.6	58.9	58.6	59.1	58.7	58.0	56.4	54.7	53.1	50.5	50.9	51.3	50.5	59.1	40.0
21	53.5	53.7	51.8	52.3	52.0	53.9	54.2	53.5	53.3	55.1	55.7	56.2	56.3	57.1	58.9	59.4	59.9	59.3	57.7	55.3	49.6	48.4	47.7	46.0	54.2	59.9	46.0
22	45.1	44.9	43.7	42.2	40.8	40.1	41.4	40.8	41.5	45.3	48.8	53.3	57.1	60.1	61.6	60.3	58.7	58.5	57.0	51.7	48.1	46.9	46.6	47.4	49.2	61.6	40.1
23	47.2	45.3	44.4	42.2	41.0	39.8	39.1	38.0	41.9	45.3	45.4	43.7	46.1	48.2	46.6	48.5	48.8	47.8	46.4	44.3	44.1	44.0	43.2	40.8	44.3	48.8	38.0
24	39.8	38.4	37.8	39.0	39.2	39.2	40.5	41.7	43.8	44.2	44.8	45.8	45.7	47.0	47.1	48.0	48.2	47.3	45.8	43.1	40.0	38.5	37.5	37.1	42.5	48.2	37.1
25	36.2	36.5	36.2	37.5	37.4	35.9	36.4	36.7	38.1	39.9	42.6	45.6	47.9	49.0	48.7	49.3	49.9	49.8	48.3	46.1	43.8	42.9	40.3	37.9	42.2	49.9	35.9
26	39.4	38.5	37.7	36.7	36.6	36.7	36.5	36.6	40.7	44.7	48.3	51.3	55.1	57.5	58.8	60.7	61.0	60.3	58.0	55.2	52.8	50.8	50.0	48.7	48.0	61.0	36.5
27	48.3	47.8	46.6	45.4	44.7	44.1	43.7	44.5	47.9	51.5	54.6	57.8	60.5	62.6	64.3	65.6	66.9	67.7	65.7	62.6	60.6	58.7	56.9	59.3	55.3	67.7	43.7
28	57.2	62.6	60.6	58.1	56.0	50.8	47.2	45.6	46.8	48.0	50.0	50.9	52.5	54.0	54.9	56.7	57.7	57.8	55.7	51.5	48.8	47.4	45.3	43.8	52.5	62.6	43.8
29	43.7	43.2	42.2	41.0	39.7	39.4	39.6	40.8	43.7	47.0	50.7	53.6	57.2	58.7	59.6	60.5	61.0	60.6	58.5	55.8	53.6	51.8	50.3	48.9	50.0	61.0	39.4
30	47.8	47.0	46.1	45.7	44.6	43.0	44.0	46.2	49.6	52.3	56.6	59.0	61.0	62.8	64.9	67.0	67.7	66.5	65.2	63.9	58.1	54.9	54.5	55.9	55.2	67.7	43.0
31	59.2	57.3	57.7	58.9	59.2	59.5	58.2	57.2	58.1	58.3	58.1	58.8	58.2	59.6	55.5	52.0	49.8	49.6	47.5	44.6	43.1	41.0	40.8	40.0	53.4	59.6	40.0
Avg	44.4	44.0	43.2	42.7	42.2	41.6	41.1	41.1	42.8	45.0	47.3	49.4	51.4	53.2	54.3	55.4	55.6	54.9	53.0	50.3	47.9	46.4	45.5	45.1	47.4	56.6	39.2
Max	59.2	62.6	60.6	58.9	59.2	59.5	58.2	57.2	58.1	58.3	58.1	59.0	61.0	62.8	64.9	67.0	67.7	67.7	65.7	64.1	60.6	58.7	56.9	59.3	55.3	67.7	50.4
Min	26.8	26.7	25.4	25.4	25.1	23.8	23.7	23.1	26.1	28.9	31.4	33.8	35.1	36.5	37.9	39.1	39.8	39.7	36.5	32.7	31.6	30.6	29.1	28.2	32.4	39.8	23.1

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
January 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	6.6	6.1	8.8	8.6	8.2	7.1	6.9	5.7	6.2	7.6	9.2	11.0	13.1	15.0	16.6	13.9	12.2	9.9	7.8	7.2	8.7	9.6	9.4	10.0	9.4	16.6	5.7
2	10.3	10.3	10.4	10.5	10.5	10.4	10.3	10.3	10.3	10.4	10.7	11.1	11.8	12.5	13.0	13.2	13.4	13.0	12.9	12.9	12.9	10.5	11.5	11.3	11.4	13.4	10.3
3	10.7	9.9	10.5	9.4	10.4	9.2	7.5	7.4	8.3	10.0	12.9	16.5	18.7	21.6	23.6	23.6	21.5	19.8	18.3	16.0	17.0	16.8	17.1	16.4	14.7	23.6	7.4
4	16.0	16.7	16.8	17.5	17.9	18.2	18.7	18.9	19.3	19.9	21.5	22.1	22.5	23.5	24.6	25.2	24.3	23.8	23.3	23.3	23.4	23.1	23.3	23.1	21.1	25.2	16.0
5	23.2	23.4	23.7	24.5	25.0	25.2	24.9	25.6	27.8	26.5	27.9	28.7	35.5	41.7	31.0	30.8	30.1	29.5	30.6	33.0	32.0	34.4	36.0	31.9	29.3	41.7	23.2
6	31.7	32.4	32.8	31.0	29.2	30.2	31.4	31.1	32.0	31.8	34.7	37.1	38.2	36.8	36.5	36.1	36.0	35.4	33.9	31.7	32.7	32.5	32.3	29.7	33.2	38.2	29.2
7	30.2	29.6	30.3	30.7	31.3	30.0	30.7	30.9	31.4	31.7	32.2	33.0	32.9	33.0	33.0	32.9	32.6	32.5	31.9	31.4	31.1	31.0	30.8	30.6	31.5	33.0	29.6
8	30.4	29.3	28.9	29.1	28.6	27.6	26.8	25.9	25.6	26.2	27.0	27.7	28.6	29.3	29.6	29.4	29.2	28.5	27.7	27.1	26.7	26.6	26.3	26.2	27.8	30.4	25.6
9	26.3	26.7	26.8	26.8	26.7	26.3	25.9	25.7	25.7	26.3	26.7	27.7	28.3	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.5	28.5	28.7	28.6	27.5	28.7	25.7
10	28.7	28.6	28.7	28.8	28.7	28.5	28.5	28.5	28.6	28.9	29.1	29.2	29.5	29.9	30.0	30.2	30.1	29.9	29.9	29.6	29.3	29.2	29.3	29.5	29.2	30.2	28.5
11	29.7	29.8	29.6	29.6	29.6	29.2	29.0	28.9	29.0	29.6	30.3	30.9	31.4	31.6	31.8	31.9	31.9	31.9	31.9	31.8	31.9	31.9	32.1	32.1	30.7	32.1	28.9
12	32.1	31.7	31.6	31.4	31.3	31.2	31.0	30.9	30.7	31.2	32.0	33.1	34.9	35.8	37.4	39.5	40.7	39.5	38.6	36.4	36.8	37.5	37.8	37.3	34.6	40.7	30.7
13	37.0	36.1	34.9	35.1	34.0	32.2	31.5	30.4	29.9	30.9	33.8	36.2	39.0	40.2	41.7	42.6	41.6	36.8	34.4	32.5	30.7	30.3	28.5	27.9	34.5	42.6	27.9
14	28.3	25.9	25.4	25.7	26.4	27.1	27.3	27.6	27.4	27.9	28.7	29.4	30.3	30.5	30.4	30.6	30.6	30.6	30.3	30.0	29.7	29.3	28.9	28.9	28.6	30.6	25.4
15	28.7	28.4	28.2	28.4	28.3	28.4	28.4	28.0	28.0	28.0	28.2	28.6	28.9	29.2	29.2	29.2	29.3	29.1	29.0	28.7	28.3	28.3	28.2	28.2	28.6	29.3	28.0
16	27.8	28.3	28.0	28.8	29.5	30.8	30.6	29.0	28.3	28.7	29.3	30.4	30.9	38.5	41.2	38.5	37.3	35.1	32.2	30.7	27.8	26.5	24.5	24.7	30.7	41.2	24.5
17	24.2	24.2	24.7	25.4	26.2	27.1	27.4	27.5	28.0	28.4	28.8	29.3	29.4	29.7	30.1	30.4	30.5	30.5	30.4	30.0	29.5	29.5	29.6	29.5	28.3	30.5	24.2
18	29.4	29.6	30.1	30.0	29.6	29.1	29.2	30.0	35.3	41.6	34.2	41.2	49.6	51.8	52.0	51.7	50.3	47.1	42.3	42.5	41.2	42.1	42.6	39.4	39.2	52.0	29.1
19	39.4	37.2	34.6	35.8	34.1	32.8	34.2	31.9	32.2	34.8	36.9	38.8	41.3	44.9	45.4	45.5	43.6	38.9	36.6	35.5	35.2	35.2	34.5	33.3	37.2	45.5	31.9
20	32.7	32.3	32.1	31.1	30.6	30.0	29.9	28.0	28.7	29.5	32.5	35.7	37.0	37.9	38.5	38.7	37.9	34.4	32.4	30.9	29.7	29.4	28.5	27.5	32.3	38.7	27.5
21	27.0	25.9	26.1	24.9	24.6	23.8	22.0	18.7	19.0	19.8	21.3	22.3	23.2	23.7	24.5	24.4	23.8	24.0	24.5	24.6	25.0	25.1	25.1	25.4	23.7	27.0	18.7
22	25.6	25.4	25.3	25.1	25.2	24.9	24.6	24.5	24.3	24.5	25.0	25.4	26.1	26.5	26.6	26.4	26.5	26.9	26.9	26.9	26.9	26.9	27.4	26.6	25.8	27.4	24.3
23	27.0	26.9	27.7	27.5	27.6	28.0	27.8	28.3	28.5	29.1	31.0	33.5	36.4	38.8	40.0	41.1	42.1	37.4	33.1	31.5	30.0	29.7	30.7	31.0	31.9	42.1	26.9
24	29.0	29.3	29.1	29.4	29.3	29.3	29.8	28.9	28.8	29.0	29.5	30.2	31.7	33.1	34.4	33.7	33.5	33.0	32.3	31.9	31.6	31.2	30.8	30.4	30.8	34.4	28.8
25	30.1	30.0	29.7	29.5	29.7	30.1	30.3	30.1	30.2	30.1	30.0	30.7	31.2	31.5	31.7	31.9	31.9	31.7	31.7	31.7	31.5	31.3	31.4	31.6	30.8	31.9	29.5
26	31.8	31.9	31.7	31.3	31.1	31.1	31.1	31.2	31.5	31.9	32.1	32.5	33.4	33.8	34.3	34.5	34.5	34.4	34.6	34.2	34.1	34.1	34.0	34.0	32.9	34.6	31.1
27	34.2	33.8	33.8	33.7	33.8	34.0	33.8	33.4	33.0	32.9	32.7	33.0	33.8	34.7	35.6	37.3	37.9	37.4	36.3	35.9	35.7	35.5	35.1	35.0	34.7	37.9	32.7
28	36.2	36.1	36.1	36.7	36.9	37.1	37.2	37.4	36.1	37.4	41.3	44.2	46.6	47.3	48.2	48.6	48.5	45.1	42.0	38.6	38.7	37.7	37.4	36.6	40.3	48.6	36.1
29	35.8	34.4	33.8	32.7	31.6	30.9	30.1	30.7	31.6	31.9	32.4	33.1	33.9	34.1	34.8	35.1	35.7	36.2	35.5	35.3	35.4	34.8	34.7	35.6	33.8	36.2	30.1
30	35.9	35.5	35.3	35.4	35.0	34.8	34.5	34.1	34.0	34.5	35.5	37.6	39.8	41.4	43.0	44.4	44.2	41.3	38.4	36.4	37.1	36.5	34.4	34.6	37.2	44.4	34.0
31	34.9	33.9	33.7	33.5	32.7	31.8	31.4	31.1	31.2	32.4	34.7	37.2	40.3	43.4	45.8	47.3	47.5	44.9	42.1	40.6	39.0	37.6	36.3	37.3	37.5	47.5	31.1
Avg	28.1	27.7	27.7	27.7	27.5	27.3	27.2	26.8	27.1	27.9	28.8	30.2	31.9	33.2	33.6	33.8	33.5	32.2	31.0	30.2	29.9	29.8	29.6	29.2	29.7	34.7	25.9
Max	39.4	37.2	36.1	36.7	36.9	37.1	37.2	37.4	36.1	41.6	41.3	44.2	49.6	51.8	52.0	51.7	50.3	47.1	42.3	42.5	41.2	42.1	42.6	39.4	40.3	52.0	36.1
Min	6.6	6.1	8.8	8.6	8.2	7.1	6.9	5.7	6.2	7.6	9.2	11.0	11.8	12.5	13.0	13.2	12.2	9.9	7.8	7.2	8.7	9.6	9.4	10.0	9.4	13.4	5.7

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
February 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	38.4	38.5	36.9	38.7	38.4	36.1	35.9	36.4	36.5	37.5	38.6	36.7	38.9	38.3	36.7	36.3	35.9	34.7	34.3	33.9	33.5	33.3	33.0	32.9	36.3	38.9	32.9
2	32.6	32.4	32.3	32.1	32.1	32.0	32.1	32.0	32.2	32.3	32.3	33.0	36.1	38.8	39.8	39.7	39.6	38.5	37.3	36.1	35.0	34.4	33.0	31.9	34.5	39.8	31.9
3	37.9	31.5	30.4	30.6	31.1	31.5	31.8	31.7	32.1	32.9	33.9	34.5	35.4	36.7	38.9	40.5	40.1	39.0	38.4	37.7	37.6	37.5	37.4	37.5	35.3	40.5	30.4
4	37.1	37.4	37.5	37.1	37.4	37.3	37.1	37.1	37.2	37.5	37.9	38.3	39.5	40.4	40.3	40.0	40.4	40.7	40.6	40.6	40.2	39.9	39.8	39.7	38.8	40.7	37.1
5	39.7	39.6	39.5	39.6	39.2	38.7	38.6	38.4	37.9	37.9	38.1	38.9	39.8	41.2	42.7	44.0	44.3	42.3	40.5	39.7	38.4	38.0	40.4	48.9	40.3	48.9	37.9
6	47.6	47.7	47.4	47.0	46.5	47.4	46.2	44.6	44.5	46.3	51.0	54.5	56.5	57.1	56.6	58.3	59.4	53.6	52.9	52.2	51.0	50.1	48.6	49.3	50.7	59.4	44.5
7	46.3	45.5	46.9	47.7	47.9	48.9	48.8	48.0	50.4	52.8	55.2	56.7	57.2	58.5	57.3	55.9	55.1	54.0	51.9	49.3	46.6	46.5	46.6	46.3	50.8	58.5	45.5
8	47.5	44.9	44.3	45.2	43.6	42.0	41.9	42.6	42.3	44.6	49.5	51.6	52.4	54.6	56.0	55.7	55.0	53.0	50.2	49.3	48.6	47.8	48.7	48.4	48.3	56.0	41.9
9	48.6	47.7	49.2	48.9	46.5	45.7	44.8	44.2	45.6	47.4	49.9	51.6	53.1	53.5	53.6	54.6	53.8	51.7	49.5	48.4	48.2	47.6	46.6	46.5	49.0	54.6	44.2
10	44.9	43.4	43.5	43.3	42.2	41.6	41.7	41.1	41.7	44.8	46.3	47.8	49.0	49.7	49.9	50.3	50.5	48.5	45.8	42.2	41.3	39.9	39.5	37.7	44.4	50.5	37.7
11	38.0	36.1	36.1	35.6	35.0	34.2	34.6	33.5	32.7	34.3	37.5	38.2	39.6	41.1	43.1	45.1	46.3	44.9	42.7	41.7	40.9	40.0	39.8	38.8	38.7	46.3	32.7
12	38.8	37.7	38.1	36.8	35.9	35.8	35.9	35.7	36.8	37.7	40.2	44.9	47.0	49.1	50.9	51.7	50.7	48.8	44.8	42.8	41.7	40.5	39.5	38.4	41.7	51.7	35.7
13	38.6	38.3	38.3	37.5	37.2	36.7	35.9	36.6	35.4	36.9	41.3	43.1	45.3	47.3	47.4	48.5	47.9	46.1	42.6	40.5	40.0	39.8	40.7	39.7	40.9	48.5	35.4
14	40.7	40.2	39.4	40.3	39.7	40.3	40.5	40.6	41.3	42.9	46.4	49.3	53.4	55.6	57.9	59.2	59.9	55.6	50.4	47.0	45.8	45.2	43.0	42.6	46.5	59.9	39.4
15	41.6	41.6	42.0	39.4	38.4	39.6	39.7	38.4	37.0	42.3	45.4	47.2	48.6	49.5	50.5	51.5	51.7	49.6	44.8	42.8	41.3	39.8	38.7	38.7	43.3	51.7	37.0
16	37.4	36.2	35.0	35.0	32.6	32.2	32.6	32.9	33.2	39.4	41.6	42.6	43.7	45.0	46.2	46.6	46.8	45.0	41.1	37.5	35.7	35.2	34.8	34.7	38.5	46.8	32.2
17	33.9	32.7	31.6	31.3	31.2	29.2	30.1	29.6	29.1	33.4	37.4	39.7	42.4	43.9	45.7	46.6	46.4	44.3	39.7	38.0	36.6	36.0	35.3	34.7	36.6	46.6	29.1
18	33.3	34.1	35.2	33.3	34.1	32.9	31.7	32.4	34.8	36.9	40.0	43.8	47.2	49.2	50.4	51.6	50.9	48.1	44.0	41.5	41.0	40.3	40.5	39.9	40.3	51.6	31.7
19	39.1	40.0	39.5	39.2	35.3	35.3	37.3	37.3	37.7	41.6	45.1	48.2	53.7	56.8	58.2	58.8	56.7	52.9	48.4	44.4	43.4	43.4	42.4	38.9	44.7	58.8	35.3
20	38.0	37.7	36.9	37.7	37.1	34.8	37.5	39.4	39.8	43.4	46.1	46.2	47.4	48.5	49.2	50.5	49.7	46.3	44.2	41.7	39.9	38.1	37.4	36.9	41.9	50.5	34.8
21	36.7	37.6	36.7	35.8	35.7	35.4	35.9	35.2	37.0	38.7	40.4	40.4	38.9	38.9	41.9	44.0	43.3	40.9	37.6	37.0	36.1	33.9	33.3	32.2	37.6	44.0	32.2
22	30.2	29.5	29.4	29.7	29.3	27.9	25.5	26.0	26.9	29.1	30.7	32.2	33.5	35.0	36.1	36.8	37.3	36.3	31.8	29.8	28.3	28.0	27.8	26.7	30.6	37.3	25.5
23	25.2	24.0	23.2	23.6	22.7	23.4	22.0	21.7	23.9	27.8	31.6	34.3	36.5	38.6	40.1	41.2	42.0	41.2	36.1	33.3	33.3	32.1	33.5	34.3	31.1	42.0	21.7
24	33.4	33.2	31.8	31.3	31.2	29.6	30.2	29.0	Au	Au	Au	Au	Au	Au	Au	55.1	53.6	50.2	43.7	42.2	42.6	42.0	42.9	45.1	39.2	55.1	29.0
25	45.4	44.3	42.4	40.6	38.6	37.6	39.1	39.3	42.2	45.2	47.0	48.4	50.0	50.6	50.8	51.1	51.1	49.9	47.2	44.1	42.8	41.9	41.5	41.2	44.7	51.1	37.6
26	40.0	38.3	38.5	38.1	38.9	39.0	39.4	38.9	39.4	40.6	41.9	43.0	43.1	43.6	44.8	44.4	43.6	42.8	41.9	40.1	39.1	38.1	35.2	34.7	40.3	44.8	34.7
27	35.8	35.7	35.5	34.5	34.3	33.9	34.2	33.1	34.7	37.6	39.5	41.9	43.5	45.5	45.8	43.6	40.1	39.0	38.7	39.4	38.0	37.1	35.8	34.9	38.0	45.8	33.1
28	35.7	36.2	36.1	34.0	34.8	34.5	32.8	32.4	32.6	32.2	33.0	33.6	36.1	38.5	41.6	43.2	44.0	42.5	39.0	36.3	35.1	35.0	34.3	32.5	36.1	44.0	32.2
Avg	38.7	37.9	37.6	37.3	36.7	36.2	36.2	36.0	36.8	39.0	41.4	43.0	44.7	46.1	47.1	48.0	47.7	45.7	42.9	41.1	40.1	39.3	38.9	38.7	40.7	48.7	34.8
Max	48.6	47.7	49.2	48.9	47.9	48.9	48.8	48.0	50.4	52.8	55.2	56.7	57.2	58.5	58.2	59.2	59.9	55.6	52.9	52.2	51.0	50.1	48.7	49.3	50.8	59.9	45.5
Min	25.2	24.0	23.2	23.6	22.7	23.4	22.0	21.7	23.9	27.8	30.7	32.2	33.5	35.0	36.1	36.3	35.9	34.7	31.8	29.8	28.3	28.0	27.8	26.7	30.6	37.3	21.7

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
March 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	32.2	31.5	31.2	29.6	28.7	28.4	27.9	26.5	29.1	31.4	33.9	36.2	37.6	39.1	40.4	41.4	42.0	41.7	37.6	35.4	32.8	31.7	31.4	31.0	33.7	42.0	26.5
2	30.1	29.3	27.9	27.7	27.5	26.4	24.9	24.7	28.9	32.6	35.4	37.3	39.3	40.8	42.5	43.9	44.0	43.4	41.6	38.7	37.4	35.5	34.6	34.3	34.5	44.0	24.7
3	33.4	32.6	31.2	30.7	31.1	30.7	30.2	29.9	31.4	32.9	34.0	35.0	36.4	37.8	39.1	40.1	40.6	39.8	34.8	31.8	30.7	29.5	28.1	25.9	33.2	40.6	25.9
4	25.8	25.0	24.6	24.7	23.4	23.0	21.7	22.0	26.2	29.7	32.3	35.0	37.4	39.6	41.2	42.7	43.6	43.6	38.4	35.5	33.2	32.7	32.4	31.8	31.9	43.6	21.7
5	32.5	30.8	30.2	31.4	29.9	29.4	30.2	30.4	32.4	35.4	38.6	42.2	45.2	47.7	49.5	50.5	49.9	49.1	45.9	42.7	41.4	39.4	37.8	36.1	38.7	50.5	29.4
6	35.7	35.9	35.3	34.4	33.3	33.7	33.6	32.2	36.0	40.3	44.0	48.3	51.4	54.0	56.5	58.3	58.7	56.8	50.7	46.8	44.7	42.9	42.7	42.0	43.7	58.7	32.2
7	41.9	39.8	39.5	40.0	39.3	39.4	38.4	38.2	41.5	44.2	47.2	51.1	54.9	57.6	59.3	61.0	61.5	58.8	52.1	47.3	46.0	44.8	43.5	44.3	47.1	61.5	38.2
8	42.8	40.9	40.3	38.8	39.2	38.8	38.1	36.2	39.5	44.1	47.8	51.8	54.7	57.0	59.5	60.1	60.2	58.8	53.6	48.7	47.9	47.0	45.3	44.6	47.3	60.2	36.2
9	43.2	42.4	41.5	42.2	40.8	41.0	39.3	39.0	40.6	44.1	48.0	52.4	55.9	59.6	62.0	63.5	62.5	61.1	54.5	50.7	47.7	45.4	45.5	46.4	48.7	63.5	39.0
10	43.4	42.6	42.0	40.0	40.3	39.8	38.0	36.9	43.8	48.1	51.5	54.6	57.3	59.5	60.9	62.2	61.5	58.1	55.4	53.6	52.1	51.2	50.4	48.6	49.7	62.2	36.9
11	49.2	53.5	49.7	49.6	49.6	51.1	50.7	54.4	55.8	55.4	54.6	54.3	54.4	54.4	53.9	54.8	54.2	50.5	48.2	47.3	48.5	48.7	49.0	48.8	51.7	55.8	47.3
12	47.3	47.6	47.5	47.2	46.9	45.2	44.5	43.8	45.2	48.7	52.5	54.1	55.5	57.0	58.4	59.4	59.8	59.4	53.9	51.8	49.0	47.1	46.2	45.7	50.6	59.8	43.8
13	45.6	43.5	43.9	43.4	43.2	42.4	41.6	41.1	44.3	48.1	51.9	55.0	57.9	59.3	59.1	60.6	61.3	61.0	57.8	54.9	53.3	51.0	50.6	49.8	50.9	61.3	41.1
14	48.4	50.8	52.5	52.7	53.2	53.0	53.4	53.6	53.4	53.6	53.0	51.6	51.9	55.0	57.1	58.0	58.8	59.9	59.2	57.5	55.3	53.8	53.0	52.5	54.2	59.9	48.4
15	51.7	50.0	50.7	50.4	50.8	50.2	49.6	50.4	50.8	50.6	52.2	53.1	55.6	56.4	58.4	60.7	59.1	57.5	61.6	63.5	58.7	56.2	54.2	53.2	54.4	63.5	49.6
16	52.4	50.4	50.6	50.2	49.4	49.0	48.0	47.3	48.3	48.9	49.5	50.9	51.9	50.9	52.3	53.0	52.8	51.9	50.7	49.2	47.9	46.9	46.0	45.4	49.7	53.0	45.4
17	44.5	43.9	44.3	44.3	44.1	44.5	44.4	44.9	45.6	47.1	50.1	50.2	51.2	55.9	57.6	58.5	58.4	54.6	50.6	47.9	46.5	44.6	44.5	44.4	48.4	58.5	43.9
18	45.2	43.9	41.3	40.0	41.3	38.7	37.0	39.5	41.8	45.6	47.7	49.3	51.1	52.6	53.8	54.8	55.3	54.8	50.5	46.9	45.7	43.0	42.3	40.8	46.0	55.3	37.0
19	40.2	39.3	39.2	38.0	37.9	37.1	37.3	38.0	41.9	44.9	49.1	52.6	55.4	58.8	60.3	61.9	62.3	59.9	56.0	53.3	50.0	49.4	47.7	47.4	48.2	62.3	37.1
20	45.4	43.1	42.2	41.5	40.7	40.3	38.9	39.4	45.5	49.5	53.2	55.9	58.1	60.1	59.7	59.9	59.1	57.8	55.4	53.9	51.3	48.9	49.3	50.0	50.0	60.1	38.9
21	52.5	52.3	51.1	51.5	51.3	52.8	53.8	53.2	53.3	55.8	56.8	57.6	57.2	57.9	59.9	60.2	60.6	59.4	55.3	50.3	47.6	46.0	44.4	44.1	53.5	60.6	44.1
22	42.4	41.9	41.1	40.6	38.7	38.3	39.6	39.5	41.4	45.9	50.0	54.7	58.4	61.6	62.8	60.9	58.9	58.6	56.3	51.1	47.8	46.2	45.7	46.9	48.7	62.8	38.3
23	46.5	45.1	44.1	42.0	40.5	39.1	38.2	37.6	42.7	46.2	46.1	44.6	47.0	49.6	47.3	49.7	49.2	47.9	45.9	42.6	42.1	42.5	42.8	40.6	44.2	49.7	37.6
24	39.7	38.4	37.9	39.0	39.2	39.1	40.3	41.3	43.5	44.2	45.1	46.3	46.2	48.2	48.2	49.4	49.2	47.5	44.7	40.2	37.9	37.2	35.8	35.0	42.2	49.4	35.0
25	34.8	34.9	34.8	36.1	35.7	34.4	34.7	36.3	38.7	40.7	43.5	47.2	49.1	49.5	49.2	50.1	50.5	50.0	47.6	44.6	42.3	40.9	39.0	37.1	41.7	50.5	34.4
26	38.2	37.0	36.5	35.2	34.7	35.0	35.1	35.4	41.2	45.6	49.3	52.2	56.1	58.8	60.1	61.7	62.0	60.8	57.4	53.8	50.5	48.7	48.5	47.2	47.5	62.0	34.7
27	46.8	46.3	44.5	44.1	43.2	41.8	42.3	43.6	48.5	52.5	55.6	59.0	62.0	64.0	65.7	66.9	67.9	68.1	64.5	60.3	58.8	57.5	55.0	56.4	54.8	68.1	41.8
28	55.5	61.8	60.2	57.7	55.7	50.7	46.9	45.7	47.5	49.1	51.4	52.2	53.8	55.2	55.9	57.7	58.6	58.2	53.9	48.8	46.5	43.9	43.1	41.6	52.1	61.8	41.6
29	41.9	40.5	39.7	38.6	38.2	38.3	38.3	40.5	44.4	48.1	52.0	54.8	58.4	60.2	61.2	61.7	61.9	61.1	58.1	54.2	51.3	49.2	47.5	46.1	49.4	61.9	38.2
30	45.4	45.2	44.3	42.2	42.7	41.4	41.6	45.9	50.2	53.3	57.5	59.9	62.3	64.2	66.4	68.2	68.5	66.5	64.6	61.7	56.8	53.8	52.3	53.3	54.5	68.5	41.4
31	56.6	55.8	56.4	57.6	58.0	59.0	57.6	56.8	58.6	59.1	58.7	59.9	58.9	61.1	57.4	53.8	51.2	50.2	47.7	44.7	43.1	40.6	40.4	39.6	53.4	61.1	39.6
Avg	42.9	42.5	41.8	41.3	40.9	40.4	39.9	40.1	43.0	45.7	48.1	50.3	52.3	54.3	55.3	56.3	56.3	55.1	51.8	48.7	46.6	45.0	44.2	43.6	46.9	57.2	37.7
Max	56.6	61.8	60.2	57.7	58.0	59.0	57.6	56.8	58.6	59.1	58.7	59.9	62.3	64.2	66.4	68.2	68.5	68.1	64.6	63.5	58.8	57.5	55.0	56.4	54.8	68.5	49.6
Min	25.8	25.0	24.6	24.7	23.4	23.0	21.7	22.0	26.2	29.7	32.3	35.0	36.4	37.8	39.1	40.1	40.6	39.8	34.8	31.8	30.7	29.5	28.1	25.9	31.9	40.6	21.7

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
January 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.86	1.58	1.23	0.97	0.67	0.58	0.64	0.71	0.70	0.17	-0.20	-0.32	-0.30	-0.28	-0.20	-0.04	0.51	0.97	0.83	0.32	-0.03	-0.12	-0.14	-0.18	0.37	1.58	-0.32
2	-0.21	-0.19	-0.21	-0.20	-0.20	-0.22	-0.17	-0.17	-0.18	-0.18	-0.20	-0.32	-0.46	-0.37	-0.40	-0.31	-0.37	-0.40	-0.30	-0.05	-0.03	1.06	0.04	-0.08	-0.17	1.06	-0.46
3	0.04	0.46	-0.04	0.57	-0.07	0.70	1.25	1.58	1.27	0.95	0.10	-0.16	-0.19	-0.56	-0.64	-0.14	-0.04	-0.07	0.49	0.71	0.53	0.58	0.30	0.84	0.35	1.58	-0.64
4	0.15	-0.17	-0.13	-0.14	-0.19	-0.10	-0.11	-0.17	-0.16	-0.20	-0.10	-0.19	-0.27	-0.49	-0.55	-0.44	-0.21	-0.21	-0.23	-0.25	-0.21	-0.20	-0.20	-0.21	-0.21	0.15	-0.55
5	-0.24	-0.22	-0.22	-0.22	-0.23	-0.24	-0.26	-0.22	0.81	-0.18	-0.10	-0.16	1.58	1.19	-0.08	-0.24	-0.17	-0.11	0.14	0.70	0.39	0.56	0.75	-0.01	0.13	1.58	-0.26
6	0.06	0.52	0.85	1.26	1.15	0.70	0.61	0.63	0.88	1.37	0.12	-0.03	0.11	0.31	0.18	0.16	0.36	0.70	0.90	1.07	0.68	0.93	0.81	1.45	0.66	1.45	-0.03
7	1.25	1.91	1.51	0.79	0.99	1.38	0.63	0.27	0.15	0.10	-0.03	-0.21	-0.17	-0.17	-0.20	-0.10	-0.02	0.00	-0.04	-0.11	-0.11	-0.11	-0.11	-0.11	0.31	1.91	-0.21
8	-0.13	-0.18	-0.18	-0.18	-0.21	-0.24	-0.27	-0.23	-0.24	-0.35	-0.52	-0.46	-0.38	-0.39	-0.43	-0.35	-0.29	-0.22	-0.20	-0.29	-0.32	-0.24	-0.26	-0.26	-0.28	-0.13	-0.52
9	-0.26	-0.30	-0.29	-0.32	-0.28	-0.28	-0.28	-0.25	-0.24	-0.24	-0.29	-0.36	-0.41	-0.40	-0.36	-0.24	-0.20	-0.19	-0.16	-0.16	-0.11	-0.12	-0.14	-0.13	-0.25	-0.11	-0.41
10	-0.07	-0.15	-0.15	-0.15	-0.17	-0.17	-0.16	-0.19	-0.17	-0.21	-0.26	-0.31	-0.37	-0.40	-0.30	-0.30	-0.27	-0.19	-0.16	-0.17	-0.17	-0.18	-0.16	-0.21	-0.21	-0.07	-0.40
11	-0.25	-0.23	-0.21	-0.13	-0.16	-0.18	-0.17	-0.14	-0.13	-0.19	-0.24	-0.19	-0.27	-0.35	-0.34	-0.25	-0.22	-0.12	-0.11	-0.10	-0.07	-0.07	-0.03	-0.05	-0.18	-0.03	-0.35
12	-0.05	-0.11	-0.07	-0.07	-0.06	-0.04	0.00	0.01	-0.01	0.01	-0.04	-0.07	-0.15	-0.28	-0.22	0.27	0.72	0.75	1.02	0.41	0.84	0.88	0.86	0.79	0.22	1.02	-0.28
13	0.60	0.68	0.97	0.69	1.09	1.37	1.10	1.71	1.74	0.72	-0.33	-0.42	-0.45	-0.49	-0.39	-0.46	0.36	2.29	1.38	1.31	1.01	0.76	0.81	1.10	0.71	2.29	-0.49
14	0.95	0.86	0.73	0.53	0.37	-0.11	-0.17	-0.20	-0.20	-0.15	-0.24	-0.28	-0.31	-0.30	-0.31	-0.19	-0.11	-0.07	-0.07	-0.09	-0.10	-0.13	-0.14	-0.14	0.01	0.95	-0.31
15	-0.17	-0.20	-0.19	-0.19	-0.18	-0.17	-0.18	-0.21	-0.19	-0.22	-0.24	-0.30	-0.25	-0.26	-0.27	-0.28	-0.30	-0.20	-0.14	-0.14	-0.16	-0.16	-0.18	-0.17	-0.21	-0.14	-0.30
16	-0.18	-0.16	-0.17	-0.33	-0.30	-0.12	-0.09	-0.12	-0.24	-0.17	-0.26	-0.18	0.07	1.02	0.91	0.22	0.27	1.18	1.29	1.97	0.61	1.86	-0.20	-0.30	0.27	1.97	-0.33
17	-0.24	-0.17	-0.21	-0.23	-0.20	-0.17	-0.17	-0.16	-0.13	-0.20	-0.22	-0.28	-0.30	-0.28	-0.28	-0.28	-0.25	-0.18	-0.17	-0.18	-0.18	-0.13	-0.10	-0.09	-0.20	-0.09	-0.30
18	-0.05	0.00	-0.08	-0.07	-0.07	-0.08	-0.05	0.23	3.57	1.61	1.67	1.71	0.80	0.15	0.20	0.12	0.72	1.58	2.01	3.21	4.16	2.79	1.97	3.99	1.25	4.16	-0.08
19	1.65	1.09	1.39	1.35	1.28	1.46	1.50	1.51	1.11	0.05	-0.32	-0.43	-0.54	-0.65	-0.56	-0.32	0.94	3.26	1.87	1.19	0.82	1.11	0.59	1.65	0.88	3.26	-0.65
20	1.08	1.19	0.64	1.26	1.33	1.04	0.98	1.06	1.56	0.17	-0.50	-0.72	-0.74	-0.71	-0.67	-0.51	0.07	0.76	0.84	1.43	1.47	0.72	1.11	1.58	0.60	1.58	-0.74
21	1.14	1.01	1.10	1.06	1.00	1.37	1.18	0.49	0.70	-0.54	-0.49	-0.47	-0.54	-0.49	-0.48	-0.45	-0.44	-0.39	-0.32	-0.25	-0.23	-0.20	-0.17	-0.15	0.14	1.37	-0.54
22	-0.18	-0.19	-0.15	-0.15	-0.21	-0.21	-0.18	-0.23	-0.18	-0.19	-0.27	-0.22	-0.36	-0.62	-0.46	-0.36	-0.26	-0.25	-0.21	-0.15	-0.18	-0.15	-0.12	-0.04	-0.23	-0.04	-0.62
23	-0.10	-0.14	-0.08	0.05	-0.04	-0.11	-0.13	-0.12	-0.15	-0.26	-0.39	-0.68	-0.65	-0.73	-0.67	-0.59	0.18	0.92	0.91	0.66	0.98	0.70	0.51	0.33	0.02	0.98	-0.73
24	0.47	0.09	-0.12	-0.11	-0.13	-0.11	-0.14	-0.18	-0.21	-0.19	-0.26	-0.39	-0.29	-0.87	-1.23	-0.71	-0.46	-0.25	-0.14	-0.13	-0.13	-0.15	-0.12	-0.12	-0.25	0.47	-1.23
25	-0.11	-0.10	-0.11	-0.16	-0.18	-0.13	-0.11	-0.10	-0.08	-0.10	-0.11	-0.21	-0.35	-0.36	-0.24	-0.17	-0.26	-0.14	-0.11	-0.11	-0.11	-0.11	-0.10	-0.07	-0.15	-0.07	-0.36
26	-0.08	-0.09	-0.09	-0.11	-0.11	-0.11	-0.11	-0.10	-0.07	-0.03	0.00	-0.25	-0.54	-0.48	-0.41	-0.35	-0.26	-0.15	-0.07	-0.08	-0.07	-0.07	-0.06	-0.05	-0.16	0.00	-0.54
27	0.05	0.00	-0.04	-0.05	-0.05	-0.01	-0.05	-0.06	-0.10	-0.20	-0.35	-0.44	-0.35	-0.41	-0.52	-0.54	-0.33	-0.13	0.02	-0.06	-0.04	-0.03	0.02	0.31	-0.14	0.31	-0.54
28	0.71	0.75	0.86	0.78	0.73	0.72	0.93	1.11	1.71	0.11	-0.51	-0.62	-0.76	-0.76	-0.75	-0.57	-0.35	0.54	1.73	1.95	1.54	1.83	1.47	1.31	0.60	1.95	-0.76
29	1.25	1.35	1.34	1.02	0.65	0.46	-0.01	-0.03	0.02	-0.04	-0.09	-0.29	-0.28	-0.32	-0.33	-0.26	-0.16	-0.03	0.02	0.10	0.18	0.83	0.44	0.49	0.26	1.35	-0.33
30	0.59	0.56	0.56	0.26	0.40	0.20	0.16	0.31	0.15	-0.17	-0.32	-0.49	-0.74	-0.92	-0.74	-0.68	-0.44	0.82	1.26	0.98	1.11	1.11	1.66	1.16	0.28	1.66	-0.92
31	0.94	0.68	0.81	0.76	0.50	0.49	0.44	0.44	0.35	-0.28	-0.58	-0.78	-0.99	-0.93	-0.82	-0.58	-0.12	1.49	2.33	1.06	1.76	1.28	2.21	2.25	0.53	2.33	-0.99
Avg	0.31	0.33	0.30	0.28	0.23	0.25	0.21	0.23	0.39	0.03	-0.18	-0.27	-0.29	-0.34	-0.37	-0.29	-0.05	0.39	0.47	0.48	0.45	0.48	0.37	0.48	0.16	1.11	-0.49
Max	1.65	1.91	1.51	1.35	1.33	1.46	1.50	1.71	3.57	1.61	1.67	1.71	1.58	1.19	0.91	0.27	0.94	3.26	2.33	3.21	4.16	2.79	2.21	3.99	1.25	4.16	-0.03
Min	-0.26	-0.30	-0.29	-0.33	-0.30	-0.28	-0.28	-0.25	-0.24	-0.54	-0.58	-0.78	-0.99	-0.93	-1.23	-0.71	-0.46	-0.40	-0.32	-0.29	-0.32	-0.24	-0.26	-0.30	-0.28	-0.14	-1.23

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
February 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.79	1.18	1.26	0.83	0.74	0.92	0.92	0.78	0.54	0.31	-0.05	-0.23	-0.27	-0.48	-0.50	-0.47	-0.40	-0.23	-0.16	-0.13	-0.14	-0.13	-0.14	-0.15	0.24	1.79	-0.50
2	-0.14	-0.16	-0.15	-0.10	-0.09	-0.09	-0.10	-0.07	-0.09	-0.16	-0.20	-0.56	-0.80	-0.72	-0.43	-0.51	-0.49	-0.22	-0.13	-0.12	-0.13	-0.16	-0.06	0.55	-0.21	0.55	-0.80
3	3.04	1.95	0.53	0.03	-0.08	-0.08	-0.03	0.04	-0.09	-0.19	-0.24	-0.24	-0.22	-0.27	-0.39	-0.55	-0.44	-0.27	-0.15	-0.12	-0.12	-0.08	-0.01	0.34	0.10	3.04	-0.55
4	0.10	0.16	0.20	0.21	0.15	0.11	-0.01	-0.03	-0.09	-0.24	-0.34	-0.36	-0.50	-0.51	-0.50	-0.42	-0.24	-0.15	-0.10	-0.08	-0.08	-0.07	-0.08	-0.08	-0.12	0.21	-0.51
5	-0.07	-0.05	-0.05	-0.04	-0.02	0.07	-0.05	-0.07	-0.01	0.02	-0.18	-0.36	-0.35	-0.30	-0.32	-0.29	-0.17	0.00	0.05	-0.10	0.05	0.02	0.92	1.84	0.02	1.84	-0.36
6	2.57	2.18	2.07	1.72	2.07	1.93	2.21	2.61	2.20	1.59	1.09	1.02	0.64	0.87	0.71	0.82	1.00	0.82	0.97	0.86	0.88	0.77	0.80	0.65	1.38	2.61	0.64
7	0.40	0.50	0.66	0.75	0.77	0.70	0.63	0.78	0.80	0.23	0.16	-0.11	-0.15	-0.28	0.13	0.39	0.43	0.49	0.92	1.14	2.18	1.48	1.76	1.96	0.70	2.18	-0.28
8	1.39	1.90	2.12	2.12	1.81	2.34	2.99	2.21	1.61	0.33	-0.64	-0.68	-0.43	-0.67	-0.74	-0.19	0.11	0.94	1.18	0.98	0.84	0.74	0.67	0.82	0.91	2.99	-0.74
9	0.81	0.76	0.70	0.76	1.09	1.19	1.03	1.05	0.74	0.49	0.33	0.29	0.21	0.23	0.20	0.19	0.33	0.65	0.93	0.88	0.82	0.50	0.55	0.40	0.63	1.19	0.19
10	0.35	0.47	0.58	0.55	0.42	0.27	0.36	0.37	0.35	-0.28	-0.53	-0.69	-0.66	-0.59	-0.48	-0.43	-0.39	0.12	0.85	1.60	2.14	1.56	1.32	1.66	0.37	2.14	-0.69
11	1.15	1.27	1.43	1.49	1.16	1.94	1.15	0.98	0.64	-0.07	-0.47	-0.57	-0.72	-0.86	-1.01	-0.81	-0.45	-0.03	0.36	0.51	0.60	0.52	0.85	0.80	0.41	1.94	-1.01
12	1.45	0.93	1.28	1.40	1.52	1.23	1.50	1.63	0.88	0.85	-0.27	-0.74	-0.70	-0.75	-0.80	-0.68	-0.32	0.38	1.76	0.76	1.21	1.67	1.57	2.41	0.76	2.41	-0.80
13	1.73	1.83	1.30	1.10	1.08	1.81	1.37	1.22	0.66	0.25	-0.68	-0.64	-0.84	-1.00	-0.89	-0.84	-0.50	0.16	1.14	1.12	0.86	0.83	1.29	0.92	0.55	1.83	-1.00
14	1.32	0.94	1.61	1.33	0.73	1.31	0.93	0.80	0.44	-0.01	-0.70	-0.90	-0.76	-0.71	-0.67	-0.59	-0.51	1.00	1.89	2.50	1.83	1.45	1.85	1.69	0.70	2.50	-0.90
15	1.21	1.58	1.51	1.78	1.17	1.06	1.04	1.23	1.12	-0.31	-0.77	-1.05	-1.08	-0.96	-0.75	-0.61	-0.41	1.31	2.81	0.99	1.82	1.64	1.39	1.61	0.72	2.81	-1.08
16	1.87	0.96	1.62	1.83	0.92	1.40	1.27	1.96	0.97	-0.35	-0.70	-1.04	-1.09	-0.98	-0.93	-0.82	-0.52	0.33	1.26	2.00	1.81	1.90	1.82	1.91	0.73	2.00	-1.09
17	1.30	1.42	1.52	1.94	1.13	2.20	0.97	1.62	0.95	-0.40	-0.83	-0.80	-1.05	-1.01	-1.01	-0.74	-0.61	0.35	1.78	0.99	1.70	1.59	1.29	1.54	0.66	2.20	-1.05
18	1.51	1.34	1.95	2.07	1.20	0.99	1.59	1.51	0.75	-0.40	-0.75	-0.91	-0.83	-1.07	-0.84	-0.79	-0.57	0.43	1.65	1.40	0.97	1.47	1.70	0.94	0.64	2.07	-1.07
19	1.89	1.62	1.50	1.64	1.86	1.88	1.99	2.23	0.53	-0.43	-0.82	-1.00	-1.04	-0.99	-0.87	-0.51	-0.35	0.20	0.92	2.19	1.59	1.70	1.81	3.30	0.87	3.30	-1.04
20	2.90	2.54	1.32	1.60	1.77	1.58	0.87	0.39	0.33	-0.41	-0.95	-0.52	-0.75	-0.79	-0.55	-0.86	-0.48	0.44	0.46	0.70	1.20	1.61	1.29	1.37	0.63	2.90	-0.95
21	1.22	0.90	1.33	1.26	1.20	0.67	0.90	0.82	0.55	0.12	-0.40	-0.63	-0.88	-1.13	-1.12	-1.05	-0.46	0.11	0.65	0.60	0.49	0.67	0.64	0.62	0.29	1.33	-1.13
22	0.80	0.56	0.11	-0.02	0.05	0.38	0.64	0.35	-0.03	-0.89	-1.22	-1.30	-1.39	-1.42	-1.39	-1.13	-0.77	0.05	1.98	2.09	1.83	1.57	1.63	1.40	0.16	2.09	-1.42
23	1.82	1.23	1.10	0.85	1.25	1.34	1.48	1.11	0.20	-0.70	-0.78	-0.89	-0.96	-1.04	-0.96	-0.88	-0.70	0.34	2.51	1.22	2.16	2.17	3.11	2.61	0.73	3.11	-1.04
24	1.89	1.47	1.16	0.94	0.92	1.02	0.89	0.68	Au	Au	Au	Au	Au	Au	Au	-0.84	-0.66	0.48	1.81	1.03	1.22	2.26	1.76	1.53	1.03	2.26	-0.84
25	2.94	1.24	1.28	1.33	2.35	2.06	1.13	0.90	0.18	-0.51	-1.00	-0.95	-1.18	-1.13	-0.91	-0.64	-0.48	0.43	1.59	0.96	0.80	0.95	0.84	0.51	0.53	2.94	-1.18
26	0.19	0.26	0.31	0.43	0.36	0.40	0.33	0.34	0.25	0.03	-0.20	-0.35	-0.56	-0.73	-0.63	-0.62	-0.43	-0.21	0.30	0.81	0.80	0.85	1.18	1.67	0.20	1.67	-0.73
27	0.74	0.73	0.78	0.78	0.55	0.84	0.79	0.72	-0.26	-0.86	-0.86	-0.93	-0.61	-1.09	-0.97	-0.41	-0.20	-0.14	0.01	0.19	0.10	0.04	0.01	-0.08	-0.01	0.84	-1.09
28	-0.02	0.13	0.22	0.10	0.07	0.12	0.15	0.07	0.08	-0.02	0.13	-0.22	-0.84	-0.37	-0.90	-0.86	-0.47	0.32	0.84	0.82	0.65	0.51	0.60	0.69	0.07	0.84	-0.90
Avg	1.29	1.07	1.04	1.02	0.93	1.06	0.96	0.94	0.53	-0.07	-0.44	-0.57	-0.66	-0.69	-0.65	-0.54	-0.33	0.29	1.00	0.92	1.00	1.00	1.08	1.19	0.48	2.06	-0.78
Max	3.04	2.54	2.12	2.12	2.35	2.34	2.99	2.61	2.20	1.59	1.09	1.02	0.64	0.87	0.71	0.82	1.00	1.31	2.81	2.50	2.18	2.26	3.11	3.30	1.38	3.30	0.64
Min	-0.14	-0.16	-0.15	-0.10	-0.09	-0.09	-0.10	-0.07	-0.26	-0.89	-1.22	-1.30	-1.39	-1.42	-1.39	-1.13	-0.77	-0.27	-0.16	-0.13	-0.14	-0.16	-0.14	-0.15	-0.21	0.21	-1.42

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
March 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.76	1.01	1.09	1.09	0.88	1.10	0.77	1.42	-0.16	-0.61	-0.60	-0.87	-0.82	-0.83	-0.86	-0.76	-0.62	-0.40	0.85	0.91	1.32	1.00	0.82	1.00	0.31	1.42	-0.87
2	1.21	1.37	1.10	0.94	0.90	1.21	1.37	1.54	-0.33	-0.68	-0.87	-0.88	-1.21	-1.22	-1.02	-0.94	-0.51	-0.15	0.13	0.11	0.12	0.46	0.37	0.24	0.14	1.54	-1.22
3	0.31	0.41	0.56	0.63	0.42	0.41	0.42	0.33	-0.18	-0.66	-1.02	-1.19	-1.30	-1.30	-1.15	-1.04	-0.80	-0.07	1.66	0.84	0.92	1.09	1.04	2.29	0.11	2.29	-1.30
4	1.04	1.67	0.79	0.71	1.69	0.80	1.97	1.16	-0.02	-0.73	-0.91	-1.13	-1.02	-0.97	-0.91	-0.81	-0.60	-0.33	2.29	1.22	0.99	0.88	1.94	1.95	0.49	2.29	-1.13
5	1.83	2.03	1.64	1.22	0.79	1.18	1.06	0.72	-0.14	-0.65	-0.80	-0.81	-0.95	-0.85	-0.88	-0.86	-0.78	-0.16	0.71	2.10	1.21	0.91	1.27	2.43	0.51	2.43	-0.95
6	1.21	1.29	1.19	1.41	1.35	1.70	2.19	2.08	0.21	-0.64	-0.83	-0.93	-1.06	-0.82	-0.86	-0.76	-0.62	0.31	2.25	2.56	1.35	1.89	1.91	1.58	0.75	2.56	-1.06
7	1.73	2.77	1.87	2.56	2.84	2.59	2.01	1.72	0.30	-0.65	-0.92	-0.95	-1.02	-0.94	-0.88	-0.83	-0.71	-0.03	2.19	1.44	1.20	1.23	1.03	3.09	0.90	3.09	-1.02
8	1.53	2.29	2.56	2.80	1.40	1.47	2.15	2.89	0.27	-0.74	-1.15	-0.97	-0.95	-0.96	-0.94	-0.93	-0.73	0.12	2.13	2.13	1.86	2.15	2.12	1.52	0.92	2.89	-1.15
9	2.48	3.16	2.75	1.81	1.63	1.28	1.24	0.65	-0.16	-1.01	-1.25	-1.21	-1.36	-1.13	-0.87	-0.84	-0.77	-0.03	2.94	1.71	1.80	2.12	1.55	1.88	0.77	3.16	-1.36
10	2.27	1.89	1.95	2.04	1.35	2.49	1.84	2.88	-0.02	-0.71	-0.82	-1.00	-1.11	-1.15	-1.09	-1.01	-0.42	0.49	1.58	0.98	0.51	1.25	1.29	1.73	0.72	2.88	-1.15
11	2.75	1.71	1.27	1.69	1.72	1.11	1.25	0.84	0.54	0.07	-0.14	-0.22	-0.50	-0.49	-0.75	-0.72	-0.21	-0.18	0.28	0.39	0.72	0.67	1.01	0.96	0.57	2.75	-0.75
12	1.01	0.70	0.54	0.45	0.55	0.65	1.55	1.72	0.11	-0.58	-0.94	-0.85	-1.04	-1.15	-0.81	-0.88	-0.67	-0.38	2.02	2.20	2.20	1.46	1.04	2.42	0.47	2.42	-1.15
13	2.70	2.69	2.43	1.86	2.01	1.84	1.42	0.93	-0.28	-0.84	-0.98	-1.02	-0.94	-1.31	-1.26	-0.97	-0.40	0.13	1.68	1.81	1.02	1.13	1.41	1.57	0.69	2.70	-1.31
14	1.47	1.34	1.20	1.12	1.15	0.85	0.93	0.90	0.64	0.28	0.37	0.28	-0.08	-0.45	-0.58	-0.29	0.16	0.31	0.58	1.07	0.42	0.57	0.73	0.63	0.57	1.47	-0.58
15	0.96	1.25	0.99	1.41	0.89	0.70	0.77	0.60	0.25	0.03	-0.08	-0.15	-0.18	-0.21	-0.33	-0.45	-0.35	0.19	1.32	0.62	0.34	0.20	0.20	0.18	0.38	1.41	-0.45
16	0.39	0.62	0.74	0.50	0.65	0.70	0.39	0.69	0.09	-0.23	-0.26	-0.51	-0.49	-0.47	-0.51	-0.48	-0.40	-0.05	0.29	0.60	0.49	0.26	0.17	0.34	0.15	0.74	-0.51
17	0.39	0.53	0.65	0.76	1.02	0.89	0.73	0.32	-0.07	-0.38	-0.23	-0.12	-0.41	-0.89	-0.78	-0.72	-0.78	-0.07	1.21	1.93	1.22	0.99	0.44	0.90	0.31	1.93	-0.89
18	0.74	0.62	1.65	1.94	1.27	2.19	1.17	0.42	-0.21	-0.81	-1.14	-1.20	-1.36	-1.36	-1.20	-1.05	-0.96	-0.39	1.69	2.27	2.36	2.43	2.48	2.22	0.57	2.48	-1.36
19	1.80	1.72	1.67	2.20	2.88	2.11	1.70	1.09	-0.62	-1.07	-1.52	-1.54	-1.19	-1.39	-1.19	-1.28	-1.04	-0.38	0.46	0.94	1.86	0.91	1.24	1.35	0.45	2.88	-1.54
20	1.14	1.78	1.65	1.83	2.31	1.19	1.13	1.71	-0.43	-0.75	-0.95	-1.09	-1.51	-1.18	-1.15	-0.74	-0.40	0.22	1.02	0.80	1.77	1.64	1.57	1.36	0.54	2.31	-1.51
21	1.01	1.40	0.64	0.75	0.75	1.12	0.40	0.28	0.02	-0.69	-1.10	-1.35	-0.89	-0.79	-0.94	-0.74	-0.65	-0.06	2.39	5.05	1.96	2.39	3.34	1.94	0.68	5.05	-1.35
22	2.67	2.99	2.59	1.52	2.03	1.85	1.80	1.28	0.05	-0.58	-1.21	-1.36	-1.25	-1.44	-1.21	-0.60	-0.19	-0.12	0.67	0.61	0.33	0.76	0.84	0.53	0.52	2.99	-1.44
23	0.71	0.17	0.29	0.19	0.48	0.68	0.90	0.47	-0.74	-0.95	-0.72	-0.90	-0.85	-1.41	-0.77	-1.23	-0.46	-0.07	0.46	1.71	1.91	1.45	0.41	0.13	0.08	1.91	-1.41
24	0.11	0.00	-0.06	0.00	0.05	0.15	0.28	0.34	0.28	-0.05	-0.25	-0.51	-0.50	-1.17	-1.11	-1.36	-0.97	-0.27	1.11	2.93	2.15	1.30	1.69	2.03	0.26	2.93	-1.36
25	1.42	1.60	1.39	1.41	1.63	1.59	1.66	0.40	-0.54	-0.76	-0.86	-1.56	-1.21	-0.53	-0.48	-0.73	-0.60	-0.20	0.72	1.53	1.53	2.04	1.30	0.87	0.48	2.04	-1.56
26	1.22	1.54	1.15	1.51	1.88	1.75	1.43	1.27	-0.50	-0.83	-0.99	-0.92	-1.05	-1.25	-1.31	-1.02	-0.97	-0.48	0.59	1.44	2.34	2.08	1.45	1.49	0.49	2.34	-1.31
27	1.43	1.45	2.12	1.30	1.46	2.29	1.41	0.80	-0.57	-0.96	-1.03	-1.22	-1.47	-1.39	-1.34	-1.29	-0.96	-0.37	1.18	2.27	1.85	1.21	1.91	2.90	0.54	2.90	-1.47
28	1.71	0.75	0.42	0.39	0.29	0.12	0.27	-0.05	-0.68	-1.07	-1.33	-1.31	-1.23	-1.21	-0.97	-1.06	-0.90	-0.44	1.74	2.63	2.34	3.50	2.22	2.22	0.35	3.50	-1.33
29	1.72	2.62	2.42	2.41	1.45	1.13	1.29	0.30	-0.68	-1.07	-1.28	-1.20	-1.16	-1.41	-1.61	-1.21	-0.89	-0.50	0.43	1.69	2.34	2.56	2.87	2.80	0.63	2.87	-1.61
30	2.41	1.74	1.80	3.43	1.91	1.58	2.42	0.29	-0.67	-1.01	-0.90	-0.91	-1.28	-1.46	-1.48	-1.18	-0.88	-0.04	0.64	2.25	1.26	1.02	2.19	2.58	0.65	3.43	-1.48
31	2.58	1.46	1.25	1.30	1.25	0.54	0.59	0.35	-0.48	-0.73	-0.65	-1.05	-0.75	-1.47	-1.97	-1.83	-1.40	-0.56	-0.16	-0.08	0.06	0.39	0.40	0.45	-0.02	2.58	-1.97
Avg	1.44	1.50	1.36	1.39	1.32	1.27	1.24	0.98	-0.15	-0.65	-0.82	-0.92	-0.97	-1.05	-1.01	-0.92	-0.66	-0.13	1.20	1.57	1.35	1.35	1.36	1.53	0.48	2.52	-1.21
Max	2.75	3.16	2.75	3.43	2.88	2.59	2.42	2.89	0.64	0.28	0.37	0.28	-0.08	-0.21	-0.33	-0.29	0.16	0.49	2.94	5.05	2.36	3.50	3.34	3.09	0.92	5.05	-0.45
Min	0.11	0.00	-0.06	0.00	0.05	0.12	0.27	-0.05	-0.74	-1.07	-1.52	-1.56	-1.51	-1.47	-1.97	-1.83	-1.40	-0.56	-0.16	-0.08	0.06	0.20	0.17	0.13	-0.02	0.74	-1.97

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Relative Humidity (% RH)
January 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	85.4	85.7	82.2	81.1	81.0	80.4	79.8	79.5	78.9	76.3	75.4	73.3	70.6	69.3	65.4	76.4	78.7	86.5	90.4	90.1	89.6	90.8	89.9	89.9	81.1	90.8	65.4
2	90.0	89.7	89.3	89.0	89.0	89.0	88.8	88.9	88.7	88.7	88.0	87.4	83.8	78.7	79.7	83.5	84.3	87.0	88.5	87.4	88.3	88.2	89.2	89.4	87.3	90.0	78.7
3	90.8	88.9	90.1	88.6	89.9	89.5	88.5	87.4	87.4	84.4	77.8	76.9	72.4	57.2	54.2	70.0	75.1	82.8	84.3	87.0	86.5	86.0	86.1	86.8	82.0	90.8	54.2
4	88.2	88.7	89.1	87.1	87.0	84.0	83.0	83.6	82.8	89.8	87.3	85.6	84.3	80.4	77.1	79.2	85.2	87.4	89.3	91.4	92.9	94.0	93.5	94.7	86.9	94.7	77.1
5	93.9	92.2	91.0	88.8	89.1	92.0	93.8	93.0	89.5	89.3	88.4	89.4	85.1	68.3	90.7	89.1	89.3	86.5	86.6	85.5	86.1	85.3	82.7	90.5	88.2	93.9	68.3
6	90.4	88.9	87.5	90.5	94.4	94.2	92.3	92.9	92.3	90.9	77.0	79.3	79.5	84.6	85.5	86.8	86.7	89.9	92.8	97.4	96.9	96.5	96.9	99.3	90.1	99.3	77.0
7	99.4	99.9	99.2	100.0	99.8	98.7	99.5	99.8	99.9	100.0	99.6	96.9	97.5	96.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	100.0	96.9
8	100.0	100.0	100.0	100.0	100.0	99.9	99.6	98.9	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.6	99.3	99.1	98.9	98.9	99.7	100.0	98.8
9	98.9	99.2	99.2	99.2	99.1	98.8	98.6	98.5	98.5	98.8	99.0	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	100.0	98.5
10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
11	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	98.0	89.7	82.3	84.1	79.6	89.1	82.8	76.5	72.5	72.7	92.8	100.0	72.5
13	74.0	74.6	77.0	75.7	77.6	82.5	85.9	86.9	86.8	82.7	76.8	73.5	67.6	67.6	61.8	56.1	52.9	73.7	80.9	88.5	91.9	95.9	96.2	96.7	78.5	96.7	52.9
14	94.6	95.7	97.3	96.1	95.3	96.6	97.7	98.6	100.0	99.8	99.3	97.9	94.7	92.7	94.2	90.9	89.9	89.2	87.9	88.2	89.0	90.8	91.4	92.5	94.2	100.0	87.9
15	94.2	95.0	95.0	95.2	95.3	94.7	94.9	95.4	95.0	94.3	93.0	91.4	88.1	87.6	89.4	90.4	92.4	93.0	94.4	94.8	95.7	95.6	95.5	95.1	93.6	95.7	87.6
16	96.7	93.8	94.9	99.6	99.6	97.7	98.0	99.4	100.0	99.8	97.9	96.8	95.5	90.8	77.0	79.8	80.7	88.7	93.9	93.7	98.5	99.1	99.4	99.0	94.6	100.0	77.0
17	98.6	98.3	98.3	98.8	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	100.0	98.3
18	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.7	90.8	97.2	91.0	71.4	65.6	64.5	62.7	60.9	68.0	75.7	70.1	63.7	57.1	49.3	55.4	80.9	100.0	49.3
19	52.5	59.2	65.7	64.8	70.5	71.9	68.7	74.4	73.8	69.3	67.9	64.8	61.7	51.8	50.4	49.7	53.5	69.2	75.7	78.6	78.8	80.2	81.9	81.9	67.4	81.9	49.7
20	83.1	83.4	82.9	85.0	84.5	86.9	86.0	88.6	87.1	82.3	79.4	68.7	67.1	65.3	64.4	61.5	62.8	74.4	80.7	79.6	80.7	79.4	79.1	80.3	78.0	88.6	61.5
21	80.9	84.7	84.0	86.4	90.3	89.8	91.7	94.1	94.2	96.2	96.4	96.4	96.5	96.7	97.2	97.3	97.1	97.5	97.7	97.8	97.9	97.9	97.9	98.0	93.9	98.0	80.9
22	98.0	97.9	97.9	98.0	98.1	97.9	97.6	97.6	97.5	97.3	97.3	97.2	97.4	97.5	97.7	98.1	98.1	98.0	98.1	97.6	98.3	98.5	97.4	98.6	97.8	98.6	97.2
23	98.6	97.9	96.8	97.4	98.4	97.3	97.0	95.9	95.1	94.2	89.9	84.8	78.3	72.6	68.5	68.0	71.6	81.2	92.0	95.9	97.6	98.3	97.0	97.4	90.1	98.6	68.0
24	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	98.1	91.8	92.8	93.0	93.5	95.0	96.4	98.1	99.2	99.9	100.0	98.2	100.0	91.8
25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
26	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
27	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	98.1	97.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	99.8	100.0	97.9
28	99.3	98.5	98.0	96.9	96.5	95.5	93.7	91.1	91.8	91.8	84.1	75.9	64.2	66.4	60.7	59.1	58.9	69.7	76.4	83.7	84.2	85.1	84.5	85.0	83.0	99.3	58.9
29	86.0	87.6	89.1	92.0	94.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	97.6	99.6	100.0	99.5	98.7	98.4	96.1	97.4	100.0	86.0
30	93.8	94.3	95.0	94.5	94.5	94.1	90.2	87.1	85.3	83.3	78.3	74.6	71.9	66.1	64.0	61.6	62.1	74.9	81.8	85.5	83.2	84.2	87.9	87.1	82.3	95.0	61.6
31	85.6	87.7	86.7	86.0	87.4	88.4	89.0	88.6	88.0	86.3	82.5	79.3	75.2	69.7	64.7	60.9	60.9	66.1	72.4	73.6	77.2	77.3	78.2	75.2	78.6	89.0	60.9
Avg	92.7	93.0	93.1	93.2	93.9	94.1	94.0	94.2	93.9	93.1	91.4	89.7	87.2	84.6	83.7	83.9	84.3	88.3	90.8	92.0	92.2	92.1	91.7	92.3	90.8	96.8	79.2
Max	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Min	52.5	59.2	65.7	64.8	70.5	71.9	68.7	74.4	73.8	69.3	67.9	64.8	61.7	51.8	50.4	49.7	52.9	66.1	72.4	70.1	63.7	57.1	49.3	55.4	67.4	81.9	49.3

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Relative Humidity (% RH)
February 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	73.8	72.8	78.0	72.8	72.6	78.6	80.3	77.5	77.3	75.3	73.4	82.3	76.4	80.5	85.7	87.6	90.6	95.8	98.6	99.7	100.0	100.0	100.0	100.0	84.6	100.0	72.6
2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.1	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	98.7
3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	100.0	97.4
4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	80.6	99.2	100.0	80.6
6	75.3	70.2	65.5	62.2	61.1	56.3	58.1	61.4	61.8	59.9	53.0	46.0	46.3	45.6	53.4	49.3	41.4	67.3	66.8	67.2	71.4	74.9	79.5	77.2	61.3	79.5	41.4
7	92.2	95.8	89.1	85.3	84.9	82.6	84.0	82.7	64.9	58.2	50.9	46.3	46.5	45.3	46.4	47.3	48.6	51.6	57.4	63.8	68.3	64.6	59.4	55.4	65.5	95.8	45.3
8	51.0	56.2	58.6	59.8	64.2	67.4	68.2	67.4	68.9	67.1	60.5	57.2	55.6	51.2	52.2	54.8	58.0	68.6	80.6	84.5	86.8	91.8	90.3	90.6	67.1	91.8	51.0
9	89.1	93.5	88.6	86.6	90.5	87.7	80.7	82.1	78.1	72.8	66.9	63.3	58.1	53.0	51.3	43.7	49.5	55.5	56.4	57.5	54.5	58.0	63.3	58.8	68.3	93.5	43.7
10	66.5	75.1	72.3	72.4	76.1	78.5	77.5	80.1	76.1	67.1	66.3	59.3	54.6	56.8	55.6	56.3	57.9	65.9	72.1	80.4	82.1	84.9	86.2	89.2	71.2	89.2	54.6
11	88.3	91.7	91.8	91.5	90.9	92.8	93.3	95.4	93.6	94.9	95.2	93.5	89.7	85.9	80.8	78.2	77.4	83.0	88.0	89.8	92.5	93.5	93.1	95.5	90.0	95.5	77.4
12	93.4	96.8	93.9	95.6	97.7	98.9	97.5	97.0	96.1	97.3	92.0	76.4	70.8	68.8	64.3	68.1	73.3	77.1	84.6	87.6	89.8	91.7	93.2	93.8	87.3	98.9	64.3
13	90.4	90.8	88.4	92.1	91.5	93.3	95.5	94.5	96.2	91.4	89.5	86.5	80.9	78.2	77.6	74.4	77.0	81.4	90.0	92.8	93.8	94.4	92.6	94.2	88.6	96.2	74.4
14	91.6	93.5	94.8	91.7	93.0	91.3	90.7	90.3	88.9	85.9	79.0	73.9	63.8	57.1	43.5	37.0	36.0	55.8	71.4	76.5	77.2	75.7	79.9	76.1	75.6	94.8	36.0
15	75.7	72.2	67.7	72.7	73.7	70.2	67.7	70.0	70.3	57.8	52.1	49.1	44.9	39.1	33.4	32.9	34.2	41.1	57.6	58.8	59.4	63.3	66.4	67.2	58.2	75.7	32.9
16	69.6	70.9	73.3	72.0	77.9	78.1	72.8	68.0	61.9	50.4	47.8	47.1	44.7	40.0	37.8	38.6	39.1	45.5	54.6	62.2	63.8	63.7	63.5	63.4	58.6	78.1	37.8
17	64.3	68.8	73.0	72.6	72.0	77.8	76.1	76.8	78.1	67.3	60.5	55.7	53.8	53.7	50.6	46.7	47.9	52.4	64.3	67.6	68.4	70.3	72.4	73.6	65.2	78.1	46.7
18	74.2	71.8	69.7	74.5	72.6	73.4	77.5	76.4	70.8	68.0	64.7	57.4	49.9	51.4	50.0	49.1	51.0	57.1	64.0	69.8	69.3	72.6	73.0	72.6	65.9	77.5	49.1
19	71.7	70.7	74.2	72.9	79.4	79.8	76.0	75.7	76.4	69.8	63.5	59.2	48.7	39.1	33.6	29.5	41.9	55.7	63.8	70.8	72.7	65.5	60.9	67.8	63.3	79.8	29.5
20	70.2	70.1	73.0	70.4	71.9	78.0	75.5	71.9	71.8	63.6	55.4	53.0	51.2	48.4	46.0	43.3	46.3	59.8	67.6	75.0	76.5	79.6	81.0	81.7	65.9	81.7	43.3
21	80.3	78.7	77.6	79.5	80.9	82.5	80.1	81.6	76.8	69.4	65.6	69.3	83.5	85.1	66.3	54.7	51.5	55.0	64.1	65.8	67.7	71.9	69.8	68.6	71.9	85.1	51.5
22	69.0	64.6	63.6	61.7	60.9	59.7	63.1	63.8	56.5	47.8	43.0	36.7	35.0	33.2	32.4	30.2	29.3	29.9	40.4	45.9	51.0	51.4	48.9	50.6	48.7	69.0	29.3
23	54.1	55.9	56.9	55.0	55.4	52.2	55.6	56.2	53.2	48.0	36.2	29.1	24.4	25.2	25.5	22.1	16.3	18.1	28.7	35.4	35.2	39.7	35.9	33.0	39.5	56.9	16.3
24	34.4	35.2	38.4	39.5	39.5	43.5	41.1	44.7	Au	Au	Au	Au	Au	Au	Au	25.8	30.5	37.5	50.7	51.8	50.3	52.7	51.4	42.2	41.7	52.7	25.8
25	36.5	38.2	38.1	41.8	45.5	46.5	43.4	44.9	40.6	35.6	35.0	33.3	33.0	31.8	32.4	32.1	33.8	37.6	46.0	54.0	56.2	59.2	64.3	65.5	42.7	65.5	31.8
26	77.8	89.0	88.0	89.4	82.5	80.7	78.9	80.5	80.3	77.3	71.9	66.4	67.6	67.4	62.1	63.8	67.4	67.5	71.5	75.5	79.4	78.4	82.9	83.7	76.2	89.4	62.1
27	83.3	85.2	86.9	86.4	88.4	88.5	87.6	90.2	86.9	84.2	79.2	72.5	66.9	65.5	62.1	70.2	90.8	92.3	90.4	88.6	95.4	96.0	99.2	100.0	84.9	100.0	62.1
28	100.0	94.1	87.7	97.7	94.0	96.0	100.0	100.0	100.0	100.0	99.1	93.8	73.7	77.9	74.0	68.8	59.1	53.5	60.5	64.6	62.2	59.2	58.4	62.3	80.7	100.0	53.5
Avg	77.5	78.6	78.2	78.4	79.2	79.8	79.3	79.6	78.7	74.4	70.4	66.9	63.7	62.2	59.8	57.2	58.8	64.5	71.1	74.5	75.9	76.9	77.3	76.6	72.5	86.6	53.9
Max	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Min	34.4	35.2	38.1	39.5	39.5	43.5	41.1	44.7	40.6	35.6	35.0	29.1	24.4	25.2	25.5	22.1	16.3	18.1	28.7	35.4	35.2	39.7	35.9	33.0	39.5	52.7	16.3

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Relative Humidity (% RH)
March 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	61.0	61.8	60.9	62.9	64.5	63.4	63.6	67.5	63.1	59.4	48.5	42.6	42.8	43.6	44.3	41.4	40.7	43.5	65.2	69.2	75.2	79.5	79.0	79.0	59.3	79.5	40.7
2	81.2	82.9	84.2	83.8	83.6	86.6	88.1	88.2	76.9	67.4	60.8	57.5	56.6	55.1	50.7	50.7	51.8	54.1	58.8	74.0	74.9	73.7	67.8	66.3	69.8	88.2	50.7
3	66.5	64.3	63.8	60.1	54.8	54.7	56.3	57.7	53.2	51.4	49.0	45.5	43.7	40.5	38.6	36.9	34.5	34.3	48.6	55.4	55.6	58.8	61.8	70.7	52.4	70.7	34.3
4	66.2	66.0	66.9	65.1	70.4	71.1	75.6	76.5	68.7	59.3	50.2	47.9	40.6	36.1	33.8	29.2	29.8	31.2	47.7	55.9	61.5	61.2	61.3	62.9	55.6	76.5	29.2
5	59.0	63.2	65.8	59.6	62.4	65.2	59.9	58.4	56.1	50.6	47.5	43.9	41.5	36.6	37.1	38.7	42.8	42.7	45.4	52.5	54.6	58.1	61.9	66.0	52.9	66.0	36.6
6	65.6	63.0	65.1	67.0	70.2	67.8	70.2	73.5	68.2	59.3	54.0	45.2	44.2	33.5	27.1	28.0	29.8	36.7	51.4	58.4	63.1	66.0	64.9	66.1	55.8	73.5	27.1
7	64.5	68.9	69.0	66.4	66.0	64.7	66.2	65.9	57.8	53.3	49.0	43.0	35.4	34.3	33.3	30.5	31.3	39.5	53.1	60.6	60.6	59.2	61.2	56.6	53.8	69.0	30.5
8	59.2	61.8	64.2	70.9	70.3	66.0	65.8	71.1	69.9	56.3	52.0	39.5	30.9	30.3	22.7	21.6	24.4	27.0	38.2	48.3	47.8	48.3	49.4	50.2	49.4	71.1	21.6
9	54.4	55.2	58.5	55.6	58.8	56.7	59.6	59.9	58.1	53.0	47.7	41.5	37.3	31.1	25.5	24.8	31.6	32.6	45.8	53.6	59.2	63.4	61.5	58.1	49.3	63.4	24.8
10	63.7	65.3	66.2	70.2	70.3	69.9	73.7	75.3	60.3	50.5	38.0	37.8	36.7	33.6	34.0	33.0	33.1	36.4	38.2	39.9	44.0	45.6	48.3	53.4	50.7	75.3	33.0
11	51.4	37.1	47.1	47.1	45.5	42.6	44.6	41.4	42.5	43.0	50.9	57.5	58.2	63.5	69.2	62.8	65.8	78.7	90.6	93.4	89.1	86.6	80.8	76.0	61.1	93.4	37.1
12	78.4	78.6	78.4	78.0	77.3	84.0	84.9	88.8	86.4	78.8	64.9	58.7	54.0	46.5	41.9	38.3	35.6	37.0	52.9	58.8	65.6	69.2	70.4	69.8	65.7	88.8	35.6
13	70.5	74.1	73.5	73.5	73.8	75.3	76.1	77.7	71.4	64.1	56.4	48.3	40.4	43.6	47.1	42.5	40.5	42.3	50.8	56.3	61.1	68.9	70.7	70.1	61.2	77.7	40.4
14	74.5	65.3	56.4	54.0	49.3	49.2	47.0	46.8	52.4	57.1	65.3	73.8	81.6	75.8	73.9	74.4	72.1	69.1	72.0	76.1	78.5	83.3	87.3	88.0	67.6	88.0	46.8
15	89.3	94.1	91.7	90.5	88.7	89.9	91.2	89.2	88.0	90.0	86.5	84.0	76.1	74.3	66.9	60.3	75.2	81.6	55.0	27.6	39.7	46.2	54.1	57.1	74.5	94.1	27.6
16	59.3	66.4	64.7	65.6	68.4	68.9	73.2	76.7	74.8	76.2	74.9	65.5	67.0	72.7	67.1	66.3	68.2	69.1	73.5	79.7	85.6	88.6	91.6	91.8	73.2	91.8	59.3
17	94.7	97.2	95.4	94.2	93.1	91.3	91.6	90.1	89.8	85.9	77.3	71.0	71.2	55.4	47.2	42.7	43.8	59.9	72.3	77.5	78.8	84.3	85.3	85.3	78.1	97.2	42.7
18	77.0	78.0	80.5	83.1	81.5	82.6	86.4	81.9	76.5	60.5	53.7	50.0	46.1	43.5	38.4	34.4	34.8	34.0	44.3	55.9	58.8	65.4	66.6	69.7	61.8	86.4	34.0
19	70.6	71.7	74.2	77.3	76.7	77.5	75.5	72.6	65.5	61.0	53.0	46.8	39.9	32.8	29.4	27.8	29.6	39.1	46.7	50.4	58.1	60.4	63.9	62.2	56.8	77.5	27.8
20	67.4	70.1	72.7	72.7	72.6	74.9	76.7	76.6	67.9	56.8	43.8	40.1	46.5	43.8	44.2	40.6	37.7	42.2	48.6	50.9	55.7	61.0	60.6	57.9	57.6	76.7	37.7
21	51.8	52.4	54.7	53.3	53.7	46.5	41.7	44.9	48.8	46.7	45.5	43.6	41.0	38.7	32.8	27.0	27.3	24.5	29.7	39.4	44.2	46.9	48.5	49.8	43.1	54.7	24.5
22	53.0	53.8	55.2	56.7	61.4	65.0	62.7	66.6	65.0	53.4	45.8	38.3	31.4	27.0	28.4	34.4	39.0	40.6	48.8	67.3	83.9	87.5	88.0	84.8	55.7	88.0	27.0
23	86.9	79.2	73.1	78.6	81.7	85.3	85.8	87.1	75.2	67.2	63.2	63.8	50.8	42.6	46.2	43.4	36.1	38.9	47.2	56.9	60.5	60.6	67.6	83.2	65.0	87.1	36.1
24	89.5	96.7	99.6	98.4	96.3	98.5	94.6	88.0	70.6	67.9	54.5	45.2	42.8	41.1	43.1	40.2	37.7	41.0	51.1	64.5	69.2	70.5	74.7	76.1	68.8	99.6	37.7
25	77.0	76.6	78.6	75.4	76.1	79.8	77.9	74.9	70.6	67.1	61.4	56.4	55.9	61.0	66.0	61.8	61.2	63.5	68.4	74.1	79.7	80.8	85.2	89.1	71.6	89.1	55.9
26	87.2	89.0	90.9	93.0	92.3	92.5	92.7	89.1	79.1	70.9	60.9	56.2	48.4	47.3	49.4	43.6	46.6	48.4	54.5	63.4	71.3	75.3	73.9	75.0	70.5	93.0	43.6
27	76.4	77.6	81.0	82.1	84.7	88.2	88.9	78.8	67.8	63.8	57.8	54.4	53.2	51.0	48.1	45.0	46.1	43.0	48.9	59.6	64.3	67.7	71.5	62.6	65.1	88.9	43.0
28	61.2	34.3	46.8	58.3	59.2	60.2	57.1	56.7	53.3	48.7	41.7	37.4	36.2	31.4	29.1	26.3	25.3	24.4	32.3	42.0	45.2	50.6	53.4	58.3	44.6	61.2	24.4
29	59.3	62.1	63.6	67.9	69.0	70.1	68.8	62.8	54.9	47.8	40.0	36.5	28.9	31.0	34.2	32.0	32.3	33.8	36.8	42.3	46.4	51.1	54.1	55.2	49.2	70.1	28.9
30	56.3	56.7	58.8	62.6	62.9	65.7	65.5	58.6	49.9	47.1	34.7	34.4	37.3	36.4	34.1	31.2	27.7	30.8	33.5	36.2	46.7	55.4	60.3	58.7	47.6	65.7	27.7
31	46.3	42.9	36.7	35.2	34.5	30.6	32.2	34.3	35.0	33.9	33.0	34.6	35.5	33.0	39.7	37.5	37.3	36.2	42.1	53.2	57.6	63.5	60.2	58.8	41.0	63.5	30.6
Avg	68.4	67.9	69.0	69.6	70.0	70.5	70.8	70.2	65.1	59.6	53.6	49.7	46.8	44.1	42.7	40.2	41.0	43.7	51.4	57.8	62.5	65.7	67.3	68.0	59.0	79.5	35.4
Max	94.7	97.2	99.6	98.4	96.3	98.5	94.6	90.1	89.8	90.0	86.5	84.0	81.6	75.8	73.9	74.4	75.2	81.6	90.6	93.4	89.1	88.6	91.6	91.8	78.1	99.6	59.3
Min	46.3	34.3	36.7	35.2	34.5	30.6	32.2	34.3	35.0	33.9	33.0	34.4	28.9	27.0	22.7	21.6	24.4	24.4	29.7	27.6	39.7	45.6	48.3	49.8	41.0	54.7	21.6

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Barometric Pressure (InHg)
January 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	26.81	26.80	26.79	26.79	26.78	26.77	26.76	26.77	26.77	26.77	26.77	26.75	26.74	26.72	26.71	26.72	26.72	26.74	26.75	26.75	26.76	26.76	26.75	26.75	26.76	26.81	26.71
2	26.75	26.75	26.76	26.75	26.75	26.74	26.74	26.74	26.75	26.75	26.75	26.72	26.70	26.67	26.65	26.65	26.64	26.64	26.65	26.63	26.64	26.63	26.63	26.64	26.70	26.76	26.63
3	26.64	26.64	26.65	26.66	26.67	26.67	26.69	26.70	26.70	26.71	26.70	26.70	26.69	26.68	26.68	26.69	26.69	26.69	26.68	26.72	26.71	26.71	26.71	26.70	26.69	26.72	26.64
4	26.72	26.72	26.73	26.74	26.74	26.74	26.74	26.76	26.77	26.77	26.79	26.80	26.80	26.80	26.80	26.80	26.80	26.79	26.79	26.79	26.78	26.77	26.75	26.75	26.77	26.80	26.72
5	26.73	26.72	26.74	26.73	26.73	26.74	26.74	26.75	26.76	26.78	26.80	26.81	26.80	26.79	26.81	26.81	26.85	26.87	26.88	26.87	26.90	26.87	26.88	26.91	26.80	26.91	26.72
6	26.91	26.91	26.90	26.90	26.90	26.90	26.90	26.90	26.91	26.93	26.94	26.94	26.92	26.90	26.89	26.89	26.89	26.88	26.87	26.89	26.89	26.90	26.90	26.90	26.90	26.94	26.87
7	26.90	26.89	26.90	26.90	26.89	26.89	26.89	26.89	26.89	26.90	26.90	26.89	26.86	26.83	26.83	26.82	26.80	26.80	26.80	26.79	26.79	26.79	26.78	26.76	26.85	26.90	26.76
8	26.76	26.76	26.76	26.75	26.73	26.72	26.71	26.72	26.73	26.74	26.73	26.73	26.71	26.70	26.69	26.69	26.69	26.68	26.68	26.68	26.69	26.69	26.68	26.68	26.71	26.76	26.68
9	26.68	26.69	26.70	26.70	26.69	26.68	26.68	26.68	26.68	26.69	26.70	26.69	26.67	26.64	26.62	26.61	26.61	26.61	26.60	26.59	26.59	26.59	26.58	26.58	26.65	26.70	26.58
10	26.57	26.57	26.57	26.56	26.55	26.54	26.54	26.54	26.55	26.57	26.57	26.57	26.55	26.54	26.52	26.52	26.52	26.52	26.52	26.52	26.53	26.53	26.53	26.54	26.54	26.57	26.52
11	26.54	26.53	26.53	26.54	26.54	26.54	26.54	26.54	26.55	26.57	26.59	26.59	26.59	26.58	26.57	26.58	26.59	26.60	26.60	26.61	26.61	26.61	26.62	26.62	26.57	26.62	26.53
12	26.62	26.62	26.63	26.64	26.63	26.63	26.64	26.65	26.66	26.68	26.69	26.70	26.69	26.67	26.67	26.68	26.69	26.69	26.70	26.71	26.72	26.73	26.74	26.74	26.68	26.74	26.62
13	26.74	26.74	26.75	26.76	26.77	26.77	26.78	26.79	26.81	26.84	26.86	26.85	26.83	26.82	26.80	26.80	26.80	26.80	26.80	26.80	26.81	26.81	26.83	26.83	26.80	26.86	26.74
14	26.81	26.81	26.82	26.83	26.82	26.81	26.81	26.82	26.83	26.84	26.86	26.87	26.85	26.84	26.83	26.83	26.84	26.84	26.85	26.84	26.84	26.85	26.85	26.86	26.84	26.87	26.81
15	26.85	26.84	26.85	26.85	26.83	26.82	26.82	26.83	26.83	26.84	26.84	26.84	26.83	26.80	26.80	26.78	26.76	26.77	26.76	26.75	26.72	26.70	26.68	26.68	26.79	26.85	26.68
16	26.64	26.65	26.64	26.61	26.58	26.56	26.55	26.55	26.56	26.56	26.58	26.60	26.60	26.59	26.59	26.62	26.64	26.66	26.68	26.69	26.71	26.72	26.74	26.76	26.63	26.76	26.55
17	26.76	26.76	26.77	26.78	26.78	26.76	26.76	26.75	26.75	26.74	26.75	26.76	26.72	26.67	26.65	26.64	26.63	26.62	26.62	26.61	26.60	26.60	26.59	26.58	26.69	26.78	26.58
18	26.56	26.56	26.56	26.55	26.54	26.54	26.55	26.56	26.56	26.57	26.59	26.62	26.61	26.61	26.60	26.61	26.62	26.64	26.65	26.67	26.68	26.70	26.72	26.74	26.61	26.74	26.54
19	26.74	26.74	26.75	26.76	26.75	26.76	26.75	26.76	26.76	26.77	26.79	26.80	26.79	26.77	26.76	26.76	26.76	26.77	26.77	26.78	26.78	26.78	26.78	26.78	26.77	26.80	26.74
20	26.79	26.79	26.79	26.79	26.78	26.77	26.77	26.78	26.78	26.79	26.81	26.82	26.80	26.79	26.78	26.77	26.77	26.76	26.76	26.77	26.77	26.77	26.77	26.78	26.78	26.82	26.76
21	26.78	26.78	26.78	26.79	26.80	26.80	26.81	26.84	26.83	26.84	26.86	26.86	26.86	26.85	26.83	26.83	26.84	26.84	26.85	26.85	26.85	26.85	26.85	26.85	26.83	26.86	26.78
22	26.85	26.85	26.85	26.86	26.85	26.85	26.85	26.86	26.86	26.86	26.87	26.88	26.87	26.86	26.86	26.87	26.87	26.89	26.90	26.90	26.92	26.92	26.92	26.93	26.87	26.93	26.85
23	26.93	26.92	26.92	26.93	26.94	26.94	26.94	26.97	26.98	26.99	26.99	26.98	26.97	26.96	26.95	26.94	26.93	26.94	26.94	26.92	26.92	26.91	26.94	26.93	26.94	26.99	26.91
24	26.93	26.92	26.92	26.90	26.90	26.90	26.91	26.91	26.91	26.92	26.91	26.93	26.90	26.88	26.86	26.87	26.87	26.88	26.88	26.88	26.88	26.88	26.88	26.89	26.90	26.93	26.86
25	26.89	26.89	26.88	26.87	26.86	26.87	26.87	26.87	26.88	26.88	26.89	26.89	26.88	26.86	26.85	26.84	26.83	26.83	26.82	26.83	26.83	26.83	26.83	26.84	26.86	26.89	26.82
26	26.83	26.81	26.81	26.80	26.79	26.78	26.77	26.76	26.76	26.75	26.76	26.75	26.73	26.70	26.68	26.66	26.65	26.64	26.63	26.62	26.61	26.61	26.60	26.60	26.71	26.83	26.60
27	26.59	26.58	26.57	26.56	26.55	26.55	26.55	26.55	26.56	26.56	26.57	26.58	26.57	26.56	26.55	26.56	26.57	26.57	26.59	26.60	26.61	26.62	26.64	26.64	26.58	26.64	26.55
28	26.66	26.66	26.67	26.69	26.70	26.71	26.73	26.74	26.76	26.79	26.81	26.81	26.81	26.79	26.78	26.77	26.78	26.78	26.79	26.80	26.81	26.81	26.80	26.81	26.76	26.81	26.66
29	26.82	26.82	26.83	26.83	26.83	26.83	26.83	26.84	26.84	26.85	26.85	26.85	26.84	26.82	26.80	26.79	26.79	26.78	26.78	26.78	26.78	26.77	26.77	26.77	26.81	26.85	26.77
30	26.76	26.75	26.74	26.75	26.74	26.73	26.72	26.72	26.72	26.73	26.73	26.73	26.72	26.69	26.67	26.65	26.63	26.63	26.61	26.61	26.62	26.62	26.63	26.62	26.69	26.76	26.61
31	26.62	26.60	26.59	26.59	26.60	26.60	26.60	26.61	26.62	26.64	26.66	26.65	26.64	26.63	26.63	26.63	26.61	26.62	26.62	26.63	26.63	26.64	26.64	26.65	26.62	26.66	26.59
Avg	26.75	26.74	26.75	26.75	26.74	26.74	26.74	26.75	26.75	26.76	26.77	26.77	26.76	26.74	26.73	26.73	26.73	26.73	26.74	26.74	26.74	26.74	26.74	26.75	26.75	26.80	26.69
Max	26.93	26.92	26.92	26.93	26.94	26.94	26.94	26.97	26.98	26.99	26.99	26.98	26.97	26.96	26.95	26.94	26.93	26.94	26.94	26.92	26.92	26.92	26.94	26.93	26.94	26.99	26.91
Min	26.54	26.53	26.53	26.54	26.54	26.54	26.54	26.54	26.55	26.56	26.57	26.57	26.55	26.54	26.52	26.52	26.52	26.52	26.52	26.52	26.53	26.53	26.53	26.54	26.54	26.57	26.52

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Barometric Pressure (InHg)
February 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	26.65	26.63	26.64	26.62	26.62	26.62	26.61	26.61	26.60	26.61	26.62	26.64	26.61	26.60	26.58	26.57	26.57	26.58	26.57	26.59	26.59	26.60	26.60	26.61	26.61	26.65	26.57
2	26.62	26.63	26.63	26.62	26.61	26.61	26.60	26.60	26.57	26.57	26.59	26.58	26.55	26.51	26.49	26.48	26.48	26.47	26.49	26.51	26.52	26.52	26.53	26.53	26.55	26.63	26.47
3	26.52	26.53	26.53	26.54	26.53	26.53	26.53	26.52	26.52	26.52	26.53	26.52	26.50	26.48	26.46	26.46	26.47	26.49	26.51	26.53	26.54	26.56	26.57	26.57	26.52	26.57	26.46
4	26.58	26.58	26.58	26.58	26.58	26.58	26.58	26.59	26.59	26.59	26.60	26.61	26.59	26.57	26.56	26.56	26.55	26.54	26.54	26.54	26.54	26.53	26.52	26.52	26.57	26.61	26.52
5	26.51	26.49	26.47	26.46	26.45	26.45	26.44	26.44	26.42	26.42	26.43	26.44	26.43	26.41	26.41	26.40	26.38	26.38	26.37	26.36	26.36	26.36	26.35	26.35	26.42	26.51	26.35
6	26.35	26.35	26.34	26.34	26.33	26.32	26.31	26.29	26.28	26.28	26.26	26.26	26.24	26.21	26.19	26.19	26.23	26.25	26.25	26.25	26.28	26.27	26.26	26.25	26.27	26.35	26.19
7	26.25	26.21	26.18	26.16	26.15	26.15	26.18	26.20	26.24	26.29	26.29	26.34	26.37	26.37	26.36	26.37	26.38	26.40	26.42	26.43	26.43	26.45	26.47	26.50	26.32	26.50	26.15
8	26.51	26.54	26.55	26.56	26.56	26.56	26.57	26.58	26.60	26.59	26.58	26.58	26.57	26.54	26.49	26.46	26.45	26.45	26.43	26.42	26.40	26.40	26.35	26.34	26.50	26.60	26.34
9	26.33	26.32	26.32	26.33	26.32	26.33	26.32	26.34	26.36	26.37	26.39	26.42	26.43	26.44	26.45	26.45	26.45	26.47	26.49	26.52	26.54	26.56	26.58	26.60	26.42	26.60	26.32
10	26.62	26.63	26.64	26.66	26.66	26.67	26.68	26.69	26.70	26.72	26.73	26.75	26.74	26.73	26.72	26.73	26.74	26.74	26.75	26.75	26.75	26.76	26.77	26.78	26.71	26.78	26.62
11	26.79	26.78	26.79	26.80	26.79	26.78	26.79	26.80	26.81	26.82	26.84	26.84	26.85	26.83	26.81	26.79	26.79	26.79	26.79	26.78	26.78	26.79	26.78	26.79	26.80	26.85	26.78
12	26.79	26.79	26.79	26.78	26.78	26.78	26.79	26.80	26.80	26.80	26.82	26.83	26.81	26.80	26.79	26.78	26.78	26.78	26.78	26.79	26.79	26.80	26.79	26.79	26.79	26.83	26.78
13	26.80	26.80	26.80	26.80	26.79	26.79	26.78	26.78	26.79	26.80	26.80	26.80	26.78	26.76	26.74	26.72	26.70	26.69	26.68	26.68	26.68	26.68	26.67	26.68	26.75	26.80	26.67
14	26.67	26.67	26.66	26.65	26.63	26.65	26.67	26.68	26.68	26.68	26.69	26.69	26.68	26.65	26.63	26.62	26.62	26.62	26.64	26.65	26.67	26.68	26.70	26.71	26.66	26.71	26.62
15	26.73	26.74	26.74	26.75	26.75	26.76	26.77	26.78	26.79	26.80	26.81	26.81	26.79	26.76	26.73	26.72	26.70	26.69	26.69	26.69	26.69	26.69	26.69	26.68	26.74	26.81	26.68
16	26.67	26.67	26.67	26.67	26.68	26.70	26.70	26.71	26.72	26.73	26.74	26.75	26.74	26.72	26.71	26.70	26.70	26.70	26.71	26.70	26.70	26.70	26.71	26.71	26.70	26.75	26.67
17	26.70	26.71	26.71	26.71	26.70	26.70	26.70	26.70	26.70	26.72	26.72	26.72	26.72	26.70	26.68	26.67	26.66	26.66	26.67	26.67	26.67	26.67	26.68	26.68	26.69	26.72	26.66
18	26.69	26.69	26.69	26.69	26.69	26.70	26.70	26.70	26.71	26.73	26.73	26.72	26.72	26.69	26.66	26.64	26.64	26.64	26.64	26.65	26.65	26.65	26.66	26.65	26.68	26.73	26.64
19	26.65	26.63	26.63	26.64	26.64	26.63	26.63	26.63	26.64	26.64	26.64	26.64	26.61	26.58	26.56	26.54	26.54	26.53	26.54	26.55	26.55	26.56	26.57	26.57	26.60	26.65	26.53
20	26.58	26.59	26.59	26.59	26.59	26.61	26.62	26.62	26.64	26.64	26.64	26.64	26.63	26.60	26.58	26.56	26.55	26.54	26.55	26.56	26.56	26.56	26.56	26.56	26.59	26.64	26.54
21	26.55	26.54	26.54	26.53	26.52	26.52	26.52	26.52	26.53	26.53	26.54	26.55	26.56	26.55	26.54	26.53	26.53	26.55	26.56	26.58	26.59	26.61	26.62	26.64	26.55	26.64	26.52
22	26.65	26.65	26.65	26.65	26.66	26.67	26.69	26.70	26.71	26.72	26.73	26.72	26.71	26.69	26.66	26.65	26.65	26.65	26.65	26.67	26.68	26.68	26.69	26.71	26.68	26.73	26.65
23	26.71	26.71	26.73	26.74	26.74	26.74	26.75	26.76	26.78	26.79	26.80	26.81	26.80	26.79	26.78	26.77	26.77	26.77	26.76	26.76	26.77	26.78	26.78	26.79	26.77	26.81	26.71
24	26.79	26.79	26.79	26.78	26.77	26.77	26.78	26.77	Au	Au	Au	Au	Au	Au	Au	26.66	26.64	26.63	26.63	26.63	26.62	26.62	26.63	26.64	26.70	26.79	26.62
25	26.63	26.65	26.67	26.68	26.68	26.69	26.69	26.69	26.70	26.73	26.73	26.72	26.70	26.69	26.66	26.64	26.63	26.61	26.60	26.60	26.59	26.59	26.60	26.59	26.66	26.73	26.59
26	26.58	26.57	26.57	26.56	26.55	26.54	26.54	26.54	26.55	26.56	26.55	26.55	26.53	26.50	26.48	26.47	26.46	26.45	26.44	26.43	26.42	26.40	26.39	26.37	26.50	26.58	26.37
27	26.35	26.34	26.33	26.31	26.29	26.27	26.26	26.25	26.26	26.25	26.24	26.23	26.21	26.18	26.16	26.15	26.15	26.15	26.15	26.15	26.15	26.16	26.17	26.17	26.22	26.35	26.15
28	26.17	26.18	26.19	26.20	26.21	26.22	26.24	26.25	26.28	26.31	26.33	26.35	26.36	26.36	26.36	26.36	26.37	26.39	26.41	26.44	26.46	26.48	26.51	26.53	26.33	26.53	26.17
Avg	26.59	26.59	26.59	26.59	26.58	26.58	26.59	26.59	26.59	26.60	26.61	26.61	26.60	26.58	26.56	26.56	26.56	26.56	26.56	26.57	26.57	26.58	26.58	26.58	26.58	26.66	26.51
Max	26.80	26.80	26.80	26.80	26.79	26.79	26.79	26.80	26.81	26.82	26.84	26.84	26.85	26.83	26.81	26.79	26.79	26.79	26.79	26.79	26.79	26.80	26.79	26.79	26.80	26.85	26.78
Min	26.17	26.18	26.18	26.16	26.15	26.15	26.18	26.20	26.24	26.25	26.24	26.23	26.21	26.18	26.16	26.15	26.15	26.15	26.15	26.15	26.15	26.16	26.17	26.17	26.22	26.35	26.15

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Barometric Pressure (InHg)
March 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	26.54	26.56	26.57	26.58	26.58	26.59	26.60	26.61	26.63	26.64	26.65	26.65	26.64	26.61	26.58	26.56	26.54	26.51	26.49	26.48	26.47	26.46	26.45	26.43	26.56	26.65	26.43
2	26.41	26.40	26.38	26.36	26.34	26.33	26.32	26.31	26.31	26.32	26.32	26.31	26.30	26.29	26.27	26.25	26.25	26.25	26.26	26.29	26.31	26.33	26.36	26.38	26.32	26.41	26.25
3	26.39	26.40	26.42	26.43	26.44	26.46	26.47	26.49	26.51	26.53	26.54	26.54	26.54	26.53	26.52	26.51	26.51	26.51	26.52	26.53	26.54	26.55	26.57	26.58	26.50	26.58	26.39
4	26.60	26.61	26.62	26.63	26.64	26.64	26.66	26.67	26.69	26.71	26.72	26.73	26.73	26.72	26.71	26.71	26.71	26.71	26.71	26.71	26.72	26.73	26.74	26.75	26.69	26.75	26.60
5	26.75	26.75	26.76	26.75	26.76	26.76	26.78	26.79	26.81	26.83	26.84	26.83	26.82	26.81	26.79	26.78	26.78	26.78	26.78	26.79	26.80	26.81	26.81	26.82	26.79	26.84	26.75
6	26.82	26.82	26.83	26.83	26.83	26.84	26.84	26.85	26.86	26.88	26.89	26.88	26.87	26.85	26.83	26.81	26.79	26.79	26.78	26.78	26.79	26.79	26.79	26.78	26.83	26.89	26.78
7	26.78	26.77	26.76	26.75	26.74	26.74	26.74	26.73	26.74	26.75	26.74	26.73	26.72	26.69	26.66	26.64	26.63	26.61	26.61	26.62	26.62	26.62	26.63	26.64	26.69	26.78	26.61
8	26.63	26.64	26.65	26.64	26.63	26.63	26.64	26.64	26.65	26.66	26.66	26.66	26.64	26.63	26.61	26.59	26.58	26.57	26.57	26.58	26.59	26.59	26.60	26.60	26.62	26.66	26.57
9	26.59	26.60	26.60	26.59	26.59	26.59	26.59	26.59	26.62	26.62	26.61	26.60	26.59	26.57	26.54	26.52	26.51	26.49	26.50	26.51	26.52	26.53	26.53	26.53	26.56	26.62	26.49
10	26.53	26.52	26.52	26.51	26.51	26.51	26.52	26.52	26.53	26.55	26.55	26.53	26.52	26.50	26.48	26.46	26.45	26.45	26.44	26.44	26.45	26.45	26.45	26.45	26.49	26.55	26.44
11	26.44	26.43	26.44	26.45	26.45	26.45	26.47	26.50	26.51	26.54	26.55	26.54	26.53	26.53	26.53	26.52	26.53	26.54	26.56	26.58	26.61	26.61	26.65	26.66	26.53	26.66	26.43
12	26.68	26.69	26.71	26.72	26.74	26.76	26.78	26.80	26.82	26.85	26.86	26.86	26.86	26.85	26.83	26.83	26.82	26.82	26.81	26.82	26.83	26.84	26.84	26.83	26.80	26.86	26.68
13	26.82	26.83	26.83	26.82	26.82	26.82	26.81	26.82	26.82	26.84	26.83	26.82	26.79	26.76	26.74	26.72	26.70	26.68	26.66	26.65	26.64	26.63	26.63	26.62	26.75	26.84	26.62
14	26.61	26.59	26.58	26.57	26.57	26.56	26.56	26.56	26.59	26.60	26.61	26.62	26.61	26.59	26.57	26.56	26.56	26.55	26.55	26.55	26.55	26.56	26.56	26.55	26.57	26.62	26.55
15	26.54	26.53	26.54	26.52	26.50	26.48	26.47	26.46	26.47	26.47	26.46	26.46	26.44	26.42	26.40	26.39	26.38	26.38	26.39	26.42	26.44	26.46	26.49	26.50	26.46	26.54	26.38
16	26.54	26.58	26.60	26.60	26.60	26.61	26.62	26.63	26.63	26.64	26.65	26.64	26.62	26.61	26.60	26.59	26.58	26.58	26.58	26.58	26.59	26.57	26.57	26.56	26.60	26.65	26.54
17	26.56	26.54	26.53	26.51	26.50	26.49	26.49	26.50	26.51	26.51	26.52	26.52	26.52	26.50	26.49	26.48	26.48	26.48	26.50	26.51	26.53	26.56	26.58	26.59	26.52	26.59	26.48
18	26.60	26.62	26.63	26.63	26.64	26.64	26.65	26.66	26.67	26.68	26.69	26.69	26.69	26.67	26.66	26.65	26.64	26.63	26.63	26.65	26.66	26.67	26.68	26.68	26.65	26.69	26.60
19	26.69	26.69	26.69	26.69	26.69	26.68	26.68	26.69	26.69	26.70	26.68	26.67	26.66	26.64	26.62	26.60	26.58	26.57	26.57	26.57	26.58	26.59	26.60	26.60	26.64	26.70	26.57
20	26.59	26.58	26.58	26.57	26.57	26.58	26.58	26.59	26.59	26.59	26.59	26.58	26.57	26.55	26.53	26.52	26.52	26.51	26.50	26.49	26.49	26.50	26.50	26.49	26.55	26.59	26.49
21	26.46	26.47	26.47	26.47	26.48	26.49	26.52	26.54	26.56	26.56	26.57	26.56	26.55	26.56	26.55	26.54	26.53	26.53	26.54	26.54	26.55	26.54	26.55	26.55	26.53	26.57	26.46
22	26.55	26.54	26.53	26.53	26.52	26.52	26.52	26.52	26.54	26.54	26.54	26.53	26.51	26.48	26.44	26.43	26.43	26.40	26.38	26.38	26.40	26.39	26.38	26.39	26.47	26.55	26.38
23	26.38	26.38	26.37	26.38	26.40	26.43	26.45	26.46	26.47	26.47	26.48	26.50	26.51	26.51	26.52	26.51	26.51	26.53	26.54	26.53	26.53	26.53	26.54	26.53	26.48	26.54	26.37
24	26.51	26.49	26.47	26.45	26.44	26.44	26.45	26.46	26.48	26.52	26.56	26.58	26.59	26.60	26.60	26.61	26.61	26.62	26.64	26.66	26.68	26.71	26.72	26.73	26.57	26.73	26.44
25	26.74	26.74	26.75	26.75	26.76	26.77	26.78	26.79	26.81	26.82	26.83	26.82	26.82	26.81	26.81	26.81	26.81	26.82	26.83	26.84	26.84	26.85	26.85	26.86	26.80	26.86	26.74
26	26.85	26.85	26.85	26.85	26.84	26.85	26.85	26.85	26.85	26.86	26.86	26.84	26.82	26.80	26.78	26.75	26.74	26.73	26.73	26.72	26.73	26.73	26.73	26.72	26.80	26.86	26.72
27	26.72	26.71	26.70	26.69	26.68	26.68	26.68	26.68	26.69	26.68	26.67	26.66	26.64	26.61	26.58	26.55	26.52	26.49	26.48	26.47	26.46	26.46	26.46	26.45	26.60	26.72	26.45
28	26.44	26.44	26.44	26.47	26.51	26.57	26.64	26.69	26.71	26.74	26.75	26.77	26.77	26.75	26.74	26.72	26.72	26.72	26.73	26.74	26.75	26.76	26.77	26.77	26.67	26.77	26.44
29	26.77	26.77	26.76	26.76	26.76	26.75	26.76	26.77	26.77	26.78	26.77	26.75	26.73	26.71	26.69	26.67	26.65	26.64	26.63	26.64	26.64	26.64	26.64	26.64	26.71	26.78	26.63
30	26.63	26.63	26.63	26.63	26.62	26.62	26.62	26.62	26.63	26.63	26.62	26.61	26.59	26.56	26.53	26.49	26.47	26.44	26.41	26.40	26.41	26.40	26.38	26.37	26.54	26.63	26.37
31	26.36	26.35	26.35	26.35	26.34	26.34	26.35	26.36	26.37	26.38	26.39	26.39	26.39	26.37	26.39	26.43	26.45	26.46	26.48	26.51	26.54	26.56	26.57	26.58	26.42	26.58	26.34
Avg	26.60	26.60	26.60	26.60	26.60	26.60	26.61	26.62	26.63	26.64	26.65	26.64	26.63	26.62	26.60	26.59	26.58	26.57	26.57	26.58	26.59	26.59	26.60	26.60	26.60	26.68	26.52
Max	26.85	26.85	26.85	26.85	26.84	26.85	26.85	26.85	26.86	26.88	26.89	26.88	26.87	26.85	26.83	26.83	26.82	26.82	26.83	26.84	26.84	26.85	26.85	26.86	26.83	26.89	26.78
Min	26.36	26.35	26.35	26.35	26.34	26.33	26.32	26.31	26.31	26.32	26.32	26.31	26.30	26.29	26.27	26.25	26.25	26.25	26.26	26.29	26.31	26.33	26.36	26.37	26.32	26.41	26.25

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Solar Radiation (watts m^2)
January 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	0	0	10	142	255	352	398	403	352	251	107	5	0	0	0	0	0	0	95	403	0
2	0	0	0	0	0	0	0	0	6	42	109	198	266	320	217	130	56	5	0	0	0	0	0	0	56	320	0
3	0	0	0	0	0	0	0	0	8	105	246	323	398	400	367	193	86	4	0	0	0	0	0	0	89	400	0
4	0	0	0	0	0	0	0	0	5	43	148	198	191	244	259	153	32	3	0	0	0	0	0	0	53	259	0
5	0	0	0	0	0	0	0	0	2	15	42	56	60	72	86	98	29	3	0	0	0	0	0	0	19	98	0
6	0	0	0	0	0	0	0	0	7	61	234	347	313	228	171	125	82	9	0	0	0	0	0	0	66	347	0
7	0	0	0	0	0	0	0	0	6	34	72	114	132	134	96	74	27	4	0	0	0	0	0	0	29	134	0
8	0	0	0	0	0	0	0	0	8	63	178	149	172	189	150	96	41	2	0	0	0	0	0	0	44	189	0
9	0	0	0	0	0	0	0	0	5	33	65	130	116	103	80	42	21	2	0	0	0	0	0	0	25	130	0
10	0	0	0	0	0	0	0	0	4	26	37	66	124	135	59	62	31	3	0	0	0	0	0	0	23	135	0
11	0	0	0	0	0	0	0	0	7	45	122	178	162	127	119	64	30	3	0	0	0	0	0	0	36	178	0
12	0	0	0	0	0	0	0	0	4	33	114	168	236	331	314	256	63	9	0	0	0	0	0	0	64	331	0
13	0	0	0	0	0	0	0	0	10	133	268	369	426	431	384	291	161	12	0	0	0	0	0	0	104	431	0
14	0	0	0	0	0	0	0	0	4	33	48	75	92	98	82	41	13	1	0	0	0	0	0	0	20	98	0
15	0	0	0	0	0	0	0	0	2	19	44	74	79	50	47	47	33	3	0	0	0	0	0	0	17	79	0
16	0	0	0	0	0	0	0	0	3	25	90	114	145	137	374	297	167	16	0	0	0	0	0	0	57	374	0
17	0	0	0	0	0	0	0	0	6	45	91	83	152	134	63	47	32	3	0	0	0	0	0	0	27	152	0
18	0	0	0	0	0	0	0	0	12	40	109	102	167	435	316	290	126	14	0	0	0	0	0	0	67	435	0
19	0	0	0	0	0	0	0	0	21	152	277	382	441	455	405	307	159	23	0	0	0	0	0	0	109	455	0
20	0	0	0	0	0	0	0	0	16	112	254	377	439	414	386	311	170	25	0	0	0	0	0	0	104	439	0
21	0	0	0	0	0	0	0	0	16	94	116	174	185	169	132	69	37	5	0	0	0	0	0	0	42	185	0
22	0	0	0	0	0	0	0	0	9	25	55	65	79	88	53	40	30	5	0	0	0	0	0	0	19	88	0
23	0	0	0	0	0	0	0	0	14	72	202	357	446	453	414	321	189	30	0	0	0	0	0	0	104	453	0
24	0	0	0	0	0	0	0	0	10	38	128	200	379	333	309	137	63	12	0	0	0	0	0	0	67	379	0
25	0	0	0	0	0	0	0	0	5	31	71	100	112	122	90	64	42	9	0	0	0	0	0	0	27	122	0
26	0	0	0	0	0	0	0	0	5	26	47	87	105	107	89	66	31	7	0	0	0	0	0	0	24	107	0
27	0	0	0	0	0	0	0	0	7	32	62	111	118	117	155	139	52	10	0	0	0	0	0	0	33	155	0
28	0	0	0	0	0	0	0	0	21	164	293	397	449	521	412	293	202	34	0	0	0	0	0	0	116	521	0
29	0	0	0	0	0	0	0	0	9	32	67	104	83	83	70	42	29	8	0	0	0	0	0	0	22	104	0
30	0	0	0	0	0	0	0	0	10	57	172	241	421	495	450	356	224	48	1	0	0	0	0	0	103	495	0
31	0	0	0	0	0	0	0	0	28	182	319	428	490	500	456	362	229	52	1	0	0	0	0	0	127	500	0
Avg	0	0	0	0	0	0	0	0	9	63	140	197	238	253	224	163	84	12	0	0	0	0	0	0	58	274	0
Max	0	0	0	0	0	0	0	0	28	182	319	428	490	521	456	362	229	52	1	0	0	0	0	0	127	521	0
Min	0	0	0	0	0	0	0	0	2	15	37	56	60	50	47	40	13	1	0	0	0	0	0	0	17	79	0

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Solar Radiation (watts m^2)
February 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	0	0	12	56	100	74	134	129	126	108	66	9	0	0	0	0	0	0	34	134	0
2	0	0	0	0	0	0	0	0	8	26	31	144	246	220	138	192	135	18	0	0	0	0	0	0	48	246	0
3	0	0	0	0	0	0	0	0	13	40	34	47	81	138	215	176	93	23	0	0	0	0	0	0	36	215	0
4	0	0	0	0	0	0	0	0	14	54	104	155	171	120	104	81	30	13	0	0	0	0	0	0	35	171	0
5	0	0	0	0	0	0	0	0	8	43	76	127	122	119	128	125	71	30	1	0	0	0	0	0	35	128	0
6	0	0	0	0	0	0	0	0	18	66	127	145	175	125	157	86	25	8	0	0	0	0	0	0	39	175	0
7	0	0	0	0	0	0	0	1	45	209	354	453	439	462	257	148	71	25	1	0	0	0	0	0	103	462	0
8	0	0	0	0	0	0	0	2	42	163	362	407	336	432	461	191	69	12	0	0	0	0	0	0	103	461	0
9	0	0	0	0	0	0	0	0	35	102	153	160	208	190	203	229	183	37	1	0	0	0	0	0	63	229	0
10	0	0	0	0	0	0	0	1	58	197	293	436	371	253	273	205	168	36	2	0	0	0	0	0	96	436	0
11	0	0	0	0	0	0	0	2	52	155	211	201	286	382	528	353	186	39	1	0	0	0	0	0	100	528	0
12	0	0	0	0	0	0	0	1	55	147	261	470	425	476	487	326	156	69	3	0	0	0	0	0	120	487	0
13	0	0	0	0	0	0	0	2	42	155	315	291	446	458	391	414	237	90	2	0	0	0	0	0	118	458	0
14	0	0	0	0	0	0	0	1	33	130	377	494	561	573	533	436	287	80	4	0	0	0	0	0	146	573	0
15	0	0	0	0	0	0	0	2	76	251	397	511	573	588	531	439	307	112	4	0	0	0	0	0	158	588	0
16	0	0	0	0	0	0	0	2	81	256	405	519	572	583	539	428	285	108	4	0	0	0	0	0	158	583	0
17	0	0	0	0	0	0	0	3	85	254	403	516	579	585	550	454	307	118	5	0	0	0	0	0	161	585	0
18	0	0	0	0	0	0	0	4	70	261	409	521	586	593	544	450	312	117	6	0	0	0	0	0	161	593	0
19	0	0	0	0	0	0	0	3	92	264	414	559	618	619	555	381	241	89	7	0	0	0	0	0	160	619	0
20	0	0	0	0	0	0	0	2	43	254	459	274	347	445	312	442	197	23	1	0	0	0	0	0	117	459	0
21	0	0	0	0	0	0	0	3	33	63	211	204	327	417	471	463	322	116	6	0	0	0	0	0	110	471	0
22	0	0	0	0	0	0	0	5	96	286	441	558	624	635	591	493	352	164	6	0	0	0	0	0	177	635	0
23	0	0	0	0	0	0	0	4	122	301	456	572	638	645	600	503	362	172	6	0	0	0	0	0	183	645	0
24	0	0	0	0	0	0	0	5	Au	Au	Au	Au	Au	Au	Au	486	345	125	11	0	0	0	0	0	57	486	0
25	0	0	0	0	0	0	0	6	125	301	441	576	628	606	499	323	219	99	8	0	0	0	0	0	160	628	0
26	0	0	0	0	0	0	0	1	18	45	105	156	210	306	304	245	125	59	6	0	0	0	0	0	66	306	0
27	0	0	0	0	0	0	0	9	141	270	326	470	235	418	291	91	51	35	3	0	0	0	0	0	98	470	0
28	0	0	0	0	0	0	0	1	22	73	154	386	585	703	602	516	364	179	8	0	0	0	0	0	150	703	0
Avg	0	0	0	0	0	0	0	2	53	164	275	349	390	416	385	314	199	72	3	0	0	0	0	0	107	446	0
Max	0	0	0	0	0	0	0	9	141	301	459	576	638	703	602	516	364	179	11	0	0	0	0	0	183	703	0
Min	0	0	0	0	0	0	0	0	8	26	31	47	81	119	104	81	25	8	0	0	0	0	0	0	34	128	0

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Solar Radiation (watts m^2)
March 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	0	11	146	323	475	600	665	672	625	524	377	200	9	0	0	0	0	0	193	672	0
2	0	0	0	0	0	0	0	21	146	328	499	605	657	639	550	486	223	92	17	0	0	0	0	0	178	657	0
3	0	0	0	0	0	0	0	15	150	329	491	608	674	683	634	535	387	206	16	0	0	0	0	0	197	683	0
4	0	0	0	0	0	0	0	17	162	342	502	619	686	693	646	545	393	212	17	0	0	0	0	0	201	693	0
5	0	0	0	0	0	0	0	18	157	337	490	605	671	692	597	565	351	174	19	0	0	0	0	0	195	692	0
6	0	0	0	0	0	0	0	19	167	344	502	618	682	692	641	536	372	201	30	0	0	0	0	0	200	692	0
7	0	0	0	0	0	0	0	22	155	349	510	644	704	710	653	560	417	218	24	0	0	0	0	0	207	710	0
8	0	0	0	0	0	0	0	24	179	358	518	633	700	706	658	557	408	228	26	0	0	0	0	0	208	706	0
9	0	0	0	0	0	0	0	34	154	376	539	559	716	720	670	564	413	233	27	0	0	0	0	0	209	720	0
10	0	0	0	0	0	0	0	29	194	374	534	646	712	714	617	500	286	100	16	0	0	0	0	0	197	714	0
11	0	0	0	0	0	0	0	7	56	120	160	199	264	301	396	243	91	44	5	0	0	0	0	0	79	396	0
12	0	0	0	0	0	0	0	21	154	302	584	365	640	756	517	455	428	244	35	0	0	0	0	0	188	756	0
13	0	0	0	0	0	0	0	39	212	391	545	663	695	607	558	456	229	127	25	0	0	0	0	0	189	695	0
14	0	0	0	0	0	0	0	11	30	69	77	85	161	327	300	170	86	67	12	0	0	0	0	0	58	327	0
15	0	0	0	0	0	0	0	8	36	75	118	130	178	176	243	305	165	72	18	0	0	0	0	0	64	305	0
16	0	0	0	0	0	0	0	20	72	108	159	251	194	246	209	163	144	58	9	0	0	0	0	0	68	251	0
17	0	0	0	0	0	0	0	21	77	145	115	83	194	521	373	433	440	187	47	0	0	0	0	0	110	521	0
18	0	0	0	0	0	0	1	42	182	419	562	699	769	770	709	608	458	276	53	1	0	0	0	0	231	770	0
19	0	0	0	0	0	0	1	63	245	425	589	689	760	763	703	615	464	279	48	1	0	0	0	0	235	763	0
20	0	0	0	0	0	0	1	67	255	393	537	638	760	521	451	286	179	75	23	0	0	0	0	0	174	760	0
21	0	0	0	0	0	0	0	24	131	402	580	646	441	441	530	451	437	285	64	1	0	0	0	0	185	646	0
22	0	0	0	0	0	0	1	33	127	264	537	669	702	733	535	225	118	145	37	0	0	0	0	0	172	733	0
23	0	0	0	0	0	0	1	60	269	443	316	484	393	757	473	633	317	158	44	1	0	0	0	0	181	757	0
24	0	0	0	0	0	0	1	22	101	180	284	433	376	633	534	733	507	215	59	1	0	0	0	0	170	733	0
25	0	0	0	0	0	0	2	44	193	261	423	644	425	164	200	319	247	102	33	1	0	0	0	0	127	644	0
26	0	0	0	0	0	0	3	79	271	431	578	705	773	775	724	620	473	292	79	2	0	0	0	0	242	775	0
27	0	0	0	0	0	0	4	97	280	457	613	721	778	781	729	625	473	289	81	2	0	0	0	0	247	781	0
28	0	0	0	0	0	0	3	106	301	481	640	750	796	773	538	642	458	334	77	1	0	0	0	0	246	796	0
29	0	0	0	0	0	0	4	98	302	465	637	741	783	803	744	605	495	312	90	2	0	0	0	0	253	803	0
30	0	0	0	0	0	0	6	121	313	476	623	600	751	766	721	583	467	172	76	2	0	0	0	0	237	766	0
31	0	0	0	0	0	0	5	86	308	387	396	523	393	797	803	749	610	166	25	1	0	0	0	0	219	803	0
Avg	0	0	0	0	0	0	1	41	178	328	456	544	584	624	557	493	352	186	37	1	0	0	0	0	183	668	0
Max	0	0	0	0	0	0	6	121	313	481	640	750	796	803	803	749	610	334	90	2	0	0	0	0	253	803	0
Min	0	0	0	0	0	0	0	7	30	69	77	83	161	164	200	163	86	44	5	0	0	0	0	0	58	251	0

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Precipitation (Inches)
January 2015

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.020
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.070	0.040
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.020
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.080	0.060
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.100	0.030	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.190	0.100
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.040
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.020	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.050	0.020
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.030	0.020
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.010
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.030	0.080	0.040	0.100	0.170	0.070	0.020	0.000	0.000	0.000	0.000	0.020	0.010	0.000	0.550	0.000
Max	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.020	0.060	0.020	0.040	0.100	0.040	0.020	0.000	0.000	0.000	0.000	0.010	0.010	0.000	0.190	0.100

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Precipitation (Inches)
February 2015

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.020	0.010
2	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.010	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.100	0.060
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.080	0.050	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.210	0.080
4	0.000	0.020	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.050	0.020
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.010	0.030	0.020
7	0.100	0.040	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.150	0.100
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.010	0.040	0.010	0.000	0.080	0.040
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Au	Au	Au	Au	Au	Au	Au	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.010	0.000	0.010	0.050	0.020	0.060	0.040	0.220	0.060
28	0.040	0.050	0.010	0.020	0.000	0.000	0.000	0.000	0.000	0.010	0.020	0.050	0.170	0.100	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.490	0.170
Tot	0.150	0.120	0.030	0.040	0.000	0.000	0.000	0.000	0.000	0.010	0.150	0.140	0.220	0.100	0.020	0.010	0.030	0.050	0.030	0.020	0.060	0.060	0.080	0.050	1.370	0.000
Max	0.100	0.050	0.010	0.020	0.000	0.000	0.000	0.000	0.000	0.010	0.070	0.080	0.170	0.100	0.020	0.010	0.030	0.020	0.010	0.010	0.050	0.040	0.060	0.040	0.490	0.170

HDR Calico Resources
Vale, Oregon, Air Monitoring Summary
Precipitation (Inches)
March 2015

Day	<< Hour >> 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.000	0.000	0.000	0.000	0.020	0.010
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.020
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.040	0.040
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.010
24	0.020	0.040	0.040	0.030	0.020	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.160	0.040
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.020	0.040	0.040	0.030	0.020	0.000	0.010	0.000	0.000	0.000	0.000	0.020	0.010	0.000	0.000	0.000	0.000	0.000	0.010	0.050	0.000	0.000	0.000	0.010	0.260	0.000
Max	0.020	0.040	0.040	0.030	0.020	0.000	0.010	0.000	0.000	0.000	0.000	0.020	0.010	0.000	0.000	0.000	0.000	0.000	0.010	0.040	0.000	0.000	0.000	0.010	0.160	0.040

PART D: HOURLY METEOROLOGICAL DATA, SECOND QUARTER 2015

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Wind Speed (miles per hour)
April 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	7.2	11.9	6.9	11.0	9.2	11.3	14.9	15.5	9.3	6.5	7.4	7.1	6.2	9.4	11.6	8.1	11.2	7.5	5.7	3.4	3.9	2.1	1.9	1.7	8.0	15.5	1.7
2	6.0	3.5	1.4	6.4	6.6	4.8	3.9	2.8	10.5	11.2	11.1	8.4	6.3	7.4	6.7	11.5	7.5	10.8	11.2	6.5	1.2	2.8	1.5	2.4	6.4	11.5	1.2
3	1.9	2.0	2.9	6.2	9.3	11.0	11.2	12.2	9.8	10.2	9.5	8.9	11.1	12.3	9.7	13.3	11.4	14.9	9.8	5.2	4.8	7.3	5.1	1.6	8.4	14.9	1.6
4	2.4	2.8	15.6	16.2	10.0	10.8	5.5	4.5	3.3	3.9	10.9	14.8	9.7	9.4	6.5	6.4	7.9	3.7	1.9	3.1	4.4	2.2	6.7	4.2	6.9	16.2	1.9
5	2.1	1.7	1.4	9.8	15.8	11.2	9.9	4.7	3.3	3.0	3.5	6.5	6.9	9.9	8.2	7.8	6.6	5.1	5.4	7.5	8.1	15.2	10.6	10.7	7.3	15.8	1.4
6	20.4	11.2	7.6	9.4	11.0	11.5	8.2	4.9	9.4	12.5	9.2	12.4	11.8	7.2	5.0	8.7	7.8	9.3	10.4	5.2	3.4	3.6	3.2	4.9	8.7	20.4	3.2
7	3.9	3.2	2.5	3.3	4.1	5.4	4.2	5.6	6.5	3.7	2.0	3.6	6.6	11.0	9.7	8.3	8.8	10.1	8.8	7.1	8.1	2.1	1.6	2.0	5.5	11.0	1.6
8	5.7	7.3	7.0	7.0	7.0	11.7	15.5	17.4	17.2	17.5	16.9	17.8	18.6	18.9	16.6	11.6	14.3	10.0	12.9	12.6	14.6	16.8	15.9	10.9	13.4	18.9	5.7
9	4.7	3.7	5.8	9.0	8.9	10.7	9.6	8.7	10.3	7.2	8.2	7.5	12.5	14.2	5.1	5.6	6.8	5.5	5.3	3.5	3.8	2.6	1.8	2.0	6.8	14.2	1.8
10	2.4	2.8	2.3	2.8	2.2	2.4	1.9	1.7	2.3	6.1	8.8	6.2	5.9	7.5	15.4	14.8	13.3	9.0	11.2	5.0	4.5	12.2	15.0	16.8	7.2	16.8	1.7
11	16.0	9.3	9.2	11.6	9.9	8.8	9.8	9.3	12.2	20.1	19.7	19.0	19.7	19.3	16.0	18.1	18.1	14.0	13.5	10.5	7.0	3.0	5.3	8.7	12.8	20.1	3.0
12	7.8	9.8	9.2	3.5	3.7	2.9	2.9	7.3	5.2	3.6	5.0	5.8	7.2	7.9	12.1	11.7	13.0	11.6	11.0	4.8	5.0	4.9	3.9	2.8	6.8	13.0	2.8
13	4.0	2.4	3.2	3.2	2.9	2.8	2.9	4.1	5.1	4.7	4.1	3.2	4.4	3.1	10.1	16.9	10.7	9.0	6.9	3.5	5.6	11.0	15.3	19.3	6.6	19.3	2.4
14	13.5	16.6	25.2	24.2	9.8	14.6	10.9	13.8	16.5	22.6	19.9	21.4	19.1	19.7	20.6	20.8	23.2	19.3	19.5	17.4	13.6	10.6	8.2	5.9	17.0	25.2	5.9
15	1.8	2.4	5.2	4.3	2.9	4.6	5.5	7.9	16.3	13.2	12.9	14.8	16.9	19.1	20.6	21.6	20.0	19.9	18.6	15.9	12.2	9.4	10.5	8.8	11.9	21.6	1.8
16	6.8	6.3	1.9	1.4	2.3	2.2	6.3	8.4	10.3	5.9	4.4	4.9	5.3	6.8	7.0	8.8	11.0	9.1	5.8	3.8	3.4	1.6	1.4	1.1	5.3	11.0	1.1
17	3.9	5.2	6.7	8.2	11.2	11.2	12.6	12.8	12.3	13.0	11.7	8.1	3.8	5.5	8.4	7.9	7.5	7.9	5.6	5.4	4.0	4.9	9.1	8.5	8.1	13.0	3.8
18	12.4	8.1	3.0	11.2	6.5	6.4	7.5	13.1	12.3	15.0	17.7	13.4	13.9	16.2	15.1	18.1	18.5	19.7	18.5	16.3	14.2	12.6	8.6	12.4	12.9	19.7	3.0
19	9.0	7.5	9.0	5.6	2.6	4.4	3.5	3.0	4.3	8.5	8.3	8.9	8.4	7.1	6.1	4.6	5.1	5.3	3.9	3.4	2.7	3.0	1.7	2.5	5.4	9.0	1.7
20	3.9	3.5	3.2	3.7	3.1	5.0	7.1	9.4	9.5	7.0	3.7	4.5	5.3	4.3	4.9	6.5	8.0	6.0	6.6	3.5	2.4	2.8	1.3	1.5	4.9	9.5	1.3
21	1.3	3.4	1.3	2.2	7.6	11.4	9.5	10.3	11.7	8.0	4.5	4.6	4.7	3.8	6.0	6.9	7.5	10.5	9.6	3.7	2.5	1.8	2.2	4.4	5.8	11.7	1.3
22	13.3	13.5	9.5	6.6	5.7	8.4	3.8	5.9	7.9	9.0	9.0	9.2	9.2	8.8	7.9	8.0	9.5	14.7	15.2	11.3	9.3	12.7	17.7	13.5	10.0	17.7	3.8
23	3.8	2.9	2.5	3.7	7.6	5.7	10.5	9.6	9.6	7.5	4.4	5.9	7.7	8.4	6.6	7.7	8.9	6.2	7.8	7.9	9.8	2.6	3.1	4.2	6.4	10.5	2.5
24	4.3	6.8	4.6	5.3	5.3	7.3	6.6	4.9	9.2	9.3	10.2	7.4	7.3	4.8	4.4	3.6	4.9	6.5	12.5	10.0	12.1	8.1	3.0	6.1	6.9	12.5	3.0
25	3.0	1.4	1.4	2.3	1.2	1.3	2.8	4.1	7.3	9.8	10.4	8.5	7.1	9.1	10.3	9.6	15.7	11.6	12.8	15.6	9.8	14.5	11.3	11.1	8.0	15.7	1.2
26	12.7	11.1	11.2	9.5	14.3	14.4	11.9	13.3	15.5	13.1	13.6	10.4	11.4	10.8	8.7	10.8	7.8	9.4	9.5	7.8	4.9	4.8	2.7	2.0	10.1	15.5	2.0
27	1.6	2.4	2.1	1.1	0.9	1.7	1.2	5.2	8.3	4.5	5.2	5.2	5.0	5.8	6.5	8.3	7.6	7.2	5.7	3.5	2.6	2.6	2.1	3.2	4.1	8.3	0.9
28	4.1	4.5	4.7	3.5	1.7	3.3	2.1	4.7	6.0	4.0	4.5	4.9	5.3	9.0	8.6	8.4	9.0	12.5	9.4	5.9	3.2	2.1	2.5	2.2	5.3	12.5	1.7
29	4.6	2.1	5.9	4.0	3.4	3.5	3.7	11.1	9.9	6.6	8.6	9.9	9.0	7.7	7.6	9.1	9.3	17.2	19.5	16.6	11.9	11.1	15.3	14.2	9.2	19.5	2.1
30	18.5	15.7	16.1	13.5	12.2	9.2	1.6	9.1	11.5	9.6	9.7	7.6	6.2	5.9	6.7	6.1	7.8	9.7	7.7	5.4	2.8	2.4	1.9	1.7	8.3	18.5	1.6
Avg	6.8	6.2	6.3	7.0	6.6	7.3	6.9	8.2	9.4	9.2	9.2	9.0	9.1	9.7	9.6	10.3	10.6	10.4	10.1	7.7	6.5	6.4	6.3	6.4	8.1	15.3	2.3
Max	20.4	16.6	25.2	24.2	15.8	14.6	15.5	17.4	17.2	22.6	19.9	21.4	19.7	19.7	20.6	21.6	23.2	19.9	19.5	17.4	14.6	16.8	17.7	19.3	17.0	25.2	5.9
Min	1.3	1.4	1.3	1.1	0.9	1.3	1.2	1.7	2.3	3.0	2.0	3.2	3.8	3.1	4.4	3.6	4.9	3.7	1.9	3.1	1.2	1.6	1.3	1.1	4.1	8.3	0.9

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Wind Speed (miles per hour)
May 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.4	2.6	7.1	4.2	8.5	10.7	11.8	13.0	11.4	10.3	7.3	5.9	5.8	6.3	5.7	8.0	10.3	14.6	10.0	5.2	3.3	2.7	2.9	3.1	7.2	14.6	2.4
2	3.3	3.7	3.3	2.4	3.5	5.7	7.5	7.9	8.3	3.8	4.6	4.3	4.9	6.6	9.4	7.5	11.6	13.7	12.5	10.6	5.5	5.5	4.4	3.5	6.4	13.7	2.4
3	2.9	3.3	2.9	2.1	3.6	3.6	3.3	1.6	3.8	7.3	6.0	5.8	5.8	7.1	6.9	8.3	8.4	9.1	10.4	4.5	4.9	2.2	3.0	2.4	5.0	10.4	1.6
4	2.0	2.7	1.6	1.7	0.9	1.1	1.2	1.5	2.7	4.4	5.3	7.5	6.9	6.2	7.5	6.8	6.3	6.7	10.0	9.7	9.7	5.9	10.3	9.7	5.3	10.3	0.9
5	13.9	4.8	3.5	2.3	2.3	4.9	4.3	8.3	6.0	9.1	8.6	8.6	8.6	8.7	8.8	11.3	15.6	17.6	18.8	19.6	16.1	13.5	9.2	4.7	9.5	19.6	2.3
6	2.7	7.0	10.1	13.3	12.7	14.8	15.1	13.4	14.3	10.9	7.8	9.5	7.6	7.2	7.2	7.0	7.9	16.6	11.5	18.1	15.7	15.2	14.7	13.5	11.4	18.1	2.7
7	12.6	13.4	12.7	13.9	11.8	11.3	12.3	12.1	14.3	13.0	11.6	9.5	9.7	4.3	7.5	10.7	6.4	6.8	9.2	9.6	8.6	4.3	4.3	2.1	9.7	14.3	2.1
8	2.8	3.9	3.4	3.8	3.3	2.7	1.8	2.9	9.1	11.6	11.2	12.5	13.6	15.3	18.4	19.2	18.8	20.2	15.8	17.9	15.9	12.1	13.3	13.9	11.0	20.2	1.8
9	13.0	13.4	14.6	13.1	10.9	5.6	6.1	12.3	15.8	14.8	15.2	15.7	16.1	16.7	18.9	18.5	18.2	16.6	17.6	15.1	9.4	9.7	15.1	6.9	13.7	18.9	5.6
10	5.5	3.7	6.3	6.2	3.6	2.3	2.6	4.6	7.9	5.6	6.1	6.5	6.7	5.7	6.1	6.0	7.1	7.2	8.3	3.2	2.7	2.3	3.3	3.4	5.1	8.3	2.3
11	2.8	1.5	2.9	5.0	5.5	5.0	5.5	6.7	7.1	6.4	6.2	Au	Au	Au	15.0	14.3	10.6	13.9	13.4	14.1	20.5	7.4	4.7	3.9	8.2	20.5	1.5
12	3.2	2.5	5.2	2.5	3.1	2.7	5.3	3.6	7.6	4.5	3.4	5.6	6.7	8.3	10.4	8.8	4.9	12.0	23.2	32.8	28.9	14.3	5.3	7.9	8.9	32.8	2.5
13	15.0	15.6	17.2	10.5	12.8	14.1	16.9	16.8	13.4	11.9	8.4	5.7	6.5	6.7	8.5	8.1	8.9	9.5	12.3	10.3	6.6	4.9	1.9	0.7	10.1	17.2	0.7
14	2.6	3.8	4.9	5.2	5.8	4.2	3.5	5.8	11.5	12.0	11.6	10.0	11.0	9.6	9.4	10.3	8.4	11.2	14.3	16.3	12.2	13.8	15.0	16.2	9.5	16.3	2.6
15	13.3	11.1	11.8	8.5	6.6	8.4	8.3	6.2	7.4	10.6	11.2	11.2	11.7	9.6	7.3	10.1	14.4	12.2	11.3	9.8	10.3	11.7	11.7	12.7	10.3	14.4	6.2
16	15.5	13.3	12.5	10.3	7.3	9.2	6.7	9.1	11.2	15.1	15.6	17.4	16.1	15.8	17.3	15.3	14.4	11.7	9.8	6.0	9.0	11.3	7.4	3.6	11.7	17.4	3.6
17	8.9	4.8	4.8	2.4	2.8	2.3	2.6	2.3	7.4	6.8	6.2	4.3	6.1	12.7	8.0	9.2	13.4	10.0	9.2	12.2	6.7	6.4	5.7	4.3	6.6	13.4	2.3
18	1.9	0.6	2.7	3.8	3.3	3.0	3.5	3.8	6.6	6.0	6.3	7.2	10.2	10.0	6.7	7.3	8.1	1.9	1.5	2.6	2.7	1.8	1.3	4.8	4.5	10.2	0.6
19	6.9	4.6	5.2	4.2	4.3	4.5	2.4	2.4	4.8	3.7	3.0	2.1	4.8	5.0	4.6	3.2	5.1	8.5	12.9	13.8	8.1	5.1	3.1	2.4	5.2	13.8	2.1
20	3.6	3.3	1.3	2.6	1.6	1.7	1.4	3.8	5.9	4.8	8.1	7.1	11.0	13.4	11.9	10.6	11.9	9.2	10.3	5.0	2.2	1.8	4.0	3.5	5.8	13.4	1.3
21	6.5	4.8	1.1	2.9	1.9	0.6	1.4	2.7	2.9	3.0	5.3	5.6	7.1	8.7	8.5	7.0	9.2	10.5	8.6	5.4	4.9	1.6	5.4	7.5	5.1	10.5	0.6
22	6.5	4.2	7.3	7.3	6.2	8.6	9.1	9.1	6.6	3.4	2.3	3.3	4.6	7.2	11.8	8.3	8.4	8.7	12.2	9.6	4.2	5.1	6.3	5.9	6.9	12.2	2.3
23	5.5	1.6	1.2	2.7	1.5	4.8	5.9	7.6	9.6	11.7	12.1	11.1	11.7	11.8	14.3	15.4	16.7	17.4	15.4	15.3	12.5	15.8	15.0	14.1	10.4	17.4	1.2
24	11.4	11.8	10.8	12.6	10.7	5.3	3.5	7.9	8.2	8.2	12.9	14.7	10.2	8.6	8.9	10.1	11.5	12.7	9.1	5.6	4.5	3.2	8.2	6.4	9.0	14.7	3.2
25	3.9	3.0	1.9	1.5	1.3	2.5	3.6	6.5	3.6	4.6	4.8	7.8	7.4	7.6	11.0	5.4	7.8	12.6	13.1	9.8	4.3	3.4	3.8	4.2	5.6	13.1	1.3
26	2.1	2.8	2.2	2.9	3.5	2.3	3.9	5.5	3.7	4.1	5.3	6.6	7.3	8.0	7.9	5.3	5.5	6.1	9.7	13.5	11.5	9.4	8.9	6.2	6.0	13.5	2.1
27	2.6	4.3	4.1	2.7	1.1	1.4	1.2	5.6	6.5	5.7	6.2	5.7	8.9	11.9	7.1	12.6	11.5	6.5	6.7	6.9	8.9	4.7	2.6	1.8	5.7	12.6	1.1
28	1.8	1.9	1.4	2.5	3.7	3.1	5.8	6.9	6.4	7.5	5.9	7.0	6.9	6.8	6.6	6.0	6.2	4.8	5.2	3.9	2.8	1.8	2.2	3.3	4.6	7.5	1.4
29	5.4	4.5	2.7	4.3	6.3	8.9	5.0	4.8	3.5	3.5	5.0	5.4	5.5	8.2	9.1	7.1	6.8	10.6	9.9	8.5	7.1	5.4	2.9	8.9	6.2	10.6	2.7
30	4.7	8.6	10.6	6.3	8.6	9.9	7.6	8.3	11.3	10.7	7.2	5.8	4.2	4.7	6.6	7.9	8.5	11.3	9.7	7.8	8.9	1.6	2.8	2.2	7.3	11.3	1.6
31	1.7	2.5	2.7	2.4	2.3	2.0	1.4	4.3	4.2	3.0	4.2	4.5	5.8	5.2	10.1	9.8	7.9	11.5	10.2	7.5	4.8	1.9	2.4	3.6	4.8	11.5	1.4
Avg	6.0	5.5	5.8	5.4	5.2	5.4	5.5	6.7	7.8	7.7	7.6	7.8	8.3	8.8	9.6	9.5	10.0	11.0	11.4	10.7	8.8	6.6	6.5	6.0	7.6	14.6	2.1
Max	15.5	15.6	17.2	13.9	12.8	14.8	16.9	16.8	15.8	15.1	15.6	17.4	16.1	16.7	18.9	19.2	18.8	20.2	23.2	32.8	28.9	15.8	15.1	16.2	13.7	32.8	6.2
Min	1.7	0.6	1.1	1.5	0.9	0.6	1.2	1.5	2.7	3.0	2.3	2.1	4.2	4.3	4.6	3.2	4.9	1.9	1.5	2.6	2.2	1.6	1.3	0.7	4.5	7.5	0.6

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Wind Speed (miles per hour)
June 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.2	6.1	17.2	7.8	7.8	9.5	7.3	6.3	8.9	6.3	4.3	5.6	6.6	6.2	6.1	6.6	10.7	13.7	11.6	9.8	13.4	20.2	14.3	15.2	9.3	20.2	2.2
2	11.3	6.4	7.7	7.9	7.3	8.6	9.2	8.9	6.6	7.9	8.7	9.1	10.8	12.6	11.6	13.4	12.4	10.3	16.0	10.8	7.5	2.9	2.2	1.8	8.8	16.0	1.8
3	1.5	1.5	1.7	1.9	1.6	1.3	1.9	2.9	7.3	7.9	6.6	6.4	5.2	8.0	5.3	6.4	7.5	8.5	12.9	15.0	12.6	9.9	4.6	3.2	5.9	15.0	1.3
4	4.2	4.5	1.2	2.0	3.1	2.4	2.6	7.3	10.2	12.8	14.1	12.1	12.6	12.7	13.3	13.0	13.6	13.4	14.1	12.2	12.1	10.6	9.8	6.5	9.2	14.1	1.2
5	5.1	6.6	6.1	5.7	7.0	14.7	7.6	4.9	9.4	13.2	14.0	12.5	11.7	9.8	9.5	9.2	8.8	10.3	9.0	7.3	6.8	6.3	6.2	4.8	8.6	14.7	4.8
6	1.4	2.1	1.6	3.6	2.9	1.9	5.2	10.2	14.0	14.9	13.4	14.0	14.1	15.5	13.2	13.4	11.8	13.4	16.1	15.6	13.7	10.4	8.5	4.7	9.8	16.1	1.4
7	4.7	8.7	8.1	4.5	2.4	1.9	1.3	6.9	10.4	7.8	6.1	7.3	7.6	7.8	6.6	8.6	8.2	8.0	7.1	4.5	2.1	1.5	2.4	1.9	5.7	10.4	1.3
8	1.1	1.2	1.3	7.5	6.3	9.0	10.0	10.0	8.2	7.3	7.0	7.5	9.5	7.8	9.5	10.0	7.2	8.4	9.2	6.9	3.7	3.5	3.7	5.3	6.7	10.0	1.1
9	6.8	6.8	2.3	2.3	2.3	1.1	1.4	2.1	3.8	6.2	4.4	5.8	7.1	7.7	8.8	9.6	6.6	16.6	14.4	12.1	11.8	11.6	5.8	6.6	6.8	16.6	1.1
10	11.7	18.8	12.0	9.2	6.2	4.1	4.3	4.0	9.6	7.6	5.2	5.4	7.3	7.5	7.2	9.2	8.8	13.7	16.4	16.0	13.7	10.9	9.8	13.5	9.7	18.8	4.0
11	11.4	12.7	10.0	9.1	1.7	1.9	3.0	9.2	7.7	7.2	7.3	8.4	7.0	10.2	10.9	9.7	12.0	11.2	14.3	16.4	14.6	11.8	12.9	11.2	9.7	16.4	1.7
12	8.8	13.6	7.5	2.6	2.8	3.3	1.8	4.9	6.9	8.7	7.7	7.8	7.1	8.2	7.2	10.4	11.1	11.9	14.2	13.8	10.9	10.2	8.6	9.1	8.3	14.2	1.8
13	3.3	3.9	5.8	1.6	2.9	2.0	2.3	4.7	7.9	6.7	11.2	9.8	10.1	9.1	10.6	11.0	8.3	9.2	13.5	13.0	10.9	11.2	5.2	8.1	7.6	13.5	1.6
14	3.6	3.3	4.3	2.7	2.5	2.0	2.4	9.4	11.3	10.2	8.6	8.3	7.9	6.7	6.1	9.8	9.6	11.6	11.6	11.7	7.6	7.0	5.8	2.8	7.0	11.7	2.0
15	4.7	3.0	3.5	2.8	2.9	4.6	4.9	7.1	8.1	8.3	9.3	8.0	8.2	8.5	8.6	6.9	5.1	7.7	11.2	12.6	13.8	9.6	5.2	7.1	7.2	13.8	2.8
16	3.8	5.6	2.6	1.9	1.6	1.6	4.6	4.7	8.7	10.6	8.9	6.7	7.4	7.1	10.1	10.1	7.6	7.8	6.8	8.0	3.1	4.7	8.3	3.2	6.1	10.6	1.6
17	3.5	3.2	2.3	3.1	1.5	1.9	6.1	6.7	6.6	4.8	7.4	7.5	8.8	11.9	12.3	12.8	12.7	10.9	10.7	9.2	8.2	7.9	7.9	3.5	7.1	12.8	1.5
18	3.3	3.2	1.9	1.1	0.5	2.1	4.3	4.3	6.3	5.7	3.7	4.5	5.6	7.3	6.9	10.2	10.6	11.3	10.0	7.6	10.6	6.2	6.0	3.2	5.7	11.3	0.5
19	7.0	14.6	16.5	20.4	9.4	2.3	3.4	6.4	9.8	7.7	9.3	11.8	10.1	10.7	12.2	9.7	12.8	12.4	10.3	16.0	14.9	12.6	8.6	6.7	10.7	20.4	2.3
20	2.8	3.2	2.7	1.5	2.0	2.1	1.5	1.3	5.8	5.2	5.0	5.8	6.5	8.4	10.2	8.4	8.8	8.6	7.5	8.6	4.4	3.0	2.3	3.0	4.9	10.2	1.3
21	2.3	1.2	2.5	2.0	1.9	1.6	1.3	2.1	2.5	4.6	6.2	8.0	8.3	8.6	8.6	11.9	13.7	23.4	21.3	16.3	14.5	9.9	4.5	2.6	7.5	23.4	1.2
22	1.7	1.9	2.0	1.4	6.2	5.4	6.7	9.3	8.2	5.3	5.0	6.0	5.8	6.5	7.1	9.2	9.6	8.7	9.4	9.5	3.7	2.8	1.5	1.9	5.6	9.6	1.4
23	1.9	3.7	2.9	2.4	2.2	2.1	1.5	4.0	6.0	5.6	4.7	5.2	5.4	5.4	7.5	6.0	5.4	6.8	9.5	9.8	12.7	11.0	6.8	5.5	5.6	12.7	1.5
24	3.1	3.5	2.0	1.9	1.8	2.3	0.9	2.4	4.8	5.5	6.0	6.2	8.3	8.9	8.3	7.9	11.0	9.8	12.1	11.2	10.8	11.2	4.0	4.1	6.2	12.1	0.9
25	2.0	2.1	2.2	3.6	1.7	2.3	3.2	7.7	11.6	12.2	9.0	6.8	7.6	7.6	9.8	9.3	9.0	10.8	11.1	10.1	5.8	3.3	2.7	1.9	6.4	12.2	1.7
26	1.4	2.9	3.7	2.2	1.7	2.5	6.3	8.9	4.5	4.7	5.7	6.0	5.8	5.9	7.3	7.1	9.1	10.6	9.2	6.7	4.0	2.7	2.2	2.9	5.2	10.6	1.4
27	2.9	1.8	2.6	2.3	4.7	3.2	2.9	2.1	5.8	7.5	6.9	8.4	7.8	10.2	10.7	11.0	11.0	9.4	7.9	7.8	6.9	1.2	3.5	4.1	5.9	11.0	1.2
28	3.3	3.2	4.0	2.8	2.4	2.6	2.3	5.6	7.2	7.4	9.8	10.9	10.7	12.0	9.8	12.0	13.0	15.1	6.9	7.4	10.7	9.9	9.7	10.2	7.9	15.1	2.3
29	21.7	25.1	13.2	5.2	4.9	5.1	6.6	6.0	4.3	7.4	4.5	6.2	6.8	8.4	11.2	10.7	11.3	8.3	9.0	9.7	7.4	10.0	6.1	1.9	8.8	25.1	1.9
30	1.9	5.1	3.9	5.3	9.9	5.2	1.7	6.5	7.6	8.7	7.4	7.7	7.3	8.5	7.8	10.6	7.5	9.4	8.0	14.6	15.9	12.7	9.1	7.2	7.9	15.9	1.7
Avg	4.8	6.0	5.2	4.3	3.7	3.7	3.9	5.9	7.7	7.9	7.6	7.9	8.2	8.9	9.1	9.8	9.8	11.0	11.4	11.0	9.6	8.2	6.3	5.5	7.4	14.5	1.8
Max	21.7	25.1	17.2	20.4	9.9	14.7	10.0	10.2	14.0	14.9	14.1	14.0	14.1	15.5	13.3	13.4	13.7	23.4	21.3	16.4	15.9	20.2	14.3	15.2	10.7	25.1	4.8
Min	1.1	1.2	1.2	1.1	0.5	1.1	0.9	1.3	2.5	4.6	3.7	4.5	5.2	5.4	5.3	6.0	5.1	6.8	6.8	4.5	2.1	1.2	1.5	1.8	4.9	9.6	0.5

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Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	299	294	293	264	228	239	261	271	257	263	335	321	7	358	9	340	346	353	229	276	253	334	323	352	301
2	342	18	360	337	324	348	10	10	322	327	334	349	343	336	329	321	302	337	343	296	216	254	308	283	329
3	213	214	200	203	223	223	227	217	203	192	177	163	124	113	136	165	142	108	104	85	18	17	295	224	178
4	74	245	253	252	215	256	352	12	349	20	191	192	167	204	209	320	318	40	3	228	145	301	314	23	282
5	48	354	313	202	189	197	261	38	32	75	222	194	200	242	217	158	188	204	175	199	210	228	198	220	206
6	242	210	204	213	202	202	210	165	248	241	259	230	220	216	193	159	166	115	106	65	27	7	335	336	209
7	1	18	16	15	29	27	29	29	42	52	161	30	104	70	53	57	67	49	22	348	330	45	222	33	36
8	238	78	348	335	359	310	304	316	330	325	323	320	331	7	1	358	19	350	306	302	326	323	301	314	331
9	302	188	204	220	220	225	223	214	219	212	211	183	176	174	257	65	78	88	71	359	345	178	231	233	207
10	260	308	355	16	328	308	307	182	152	191	191	201	181	149	160	192	176	169	123	175	216	258	262	269	213
11	276	254	224	252	209	224	225	213	216	228	215	217	214	221	241	272	264	263	303	310	329	321	290	288	251
12	266	258	284	322	227	244	181	214	194	105	64	185	153	145	172	163	160	109	64	22	330	311	321	318	212
13	19	18	14	8	4	15	17	38	41	34	18	25	205	213	163	221	265	326	334	329	219	244	243	245	340
14	236	251	267	298	306	285	291	321	317	325	319	325	324	326	332	331	328	348	324	346	336	324	303	309	313
15	243	356	252	352	197	248	319	354	345	358	359	351	2	6	10	10	2	6	10	359	346	333	336	352	344
16	15	33	222	279	205	251	211	216	218	175	46	51	37	24	345	349	360	2	343	283	215	209	190	188	283
17	224	214	216	210	223	222	219	215	209	200	202	197	161	20	15	53	46	61	67	352	334	5	339	345	238
18	311	318	47	318	333	2	349	326	320	342	1	1	7	5	2	4	354	359	360	359	350	326	346	344	348
19	352	352	12	359	344	15	355	198	65	360	1	16	2	351	349	26	58	20	2	325	298	351	359	29	3
20	327	338	326	224	209	206	209	215	217	209	192	137	205	87	326	79	44	64	78	336	233	220	219	222	219
21	277	323	226	211	211	224	221	218	214	209	185	95	44	346	76	48	46	59	65	298	328	220	214	55	232
22	305	317	9	14	33	1	61	54	342	348	330	330	288	292	339	5	358	31	13	357	353	355	316	332	351
23	36	286	197	194	216	198	222	214	213	198	172	188	198	237	244	254	41	77	113	348	343	5	358	256	224
24	266	250	257	255	216	229	275	321	331	2	346	20	20	97	159	105	73	103	353	352	336	325	244	275	313
25	298	195	25	181	245	67	29	37	11	1	5	354	341	340	326	334	321	325	349	313	315	305	308	308	336
26	312	308	298	298	294	292	300	319	323	330	354	350	11	7	354	342	5	36	34	14	358	356	6	360	341
27	22	344	81	193	201	308	188	206	209	120	23	53	92	52	45	45	76	65	65	349	214	209	242	220	88
28	200	220	206	244	245	2	352	33	22	16	25	15	42	107	129	115	103	109	91	39	352	3	313	311	32
29	345	12	351	27	279	15	2	303	318	1	275	282	303	322	291	325	16	21	2	2	359	352	331	335	339
30	324	323	326	318	318	316	71	345	343	5	21	7	16	32	33	1	360	360	355	320	256	217	204	204	342
Prev	304	304	294	277	250	276	287	285	296	332	319	347	16	11	344	14	25	38	27	338	314	312	292	303	318

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Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	213	212	212	212	207	221	222	216	209	209	205	210	179	170	146	159	130	45	45	14	290	221	198	229	201
2	354	325	351	247	210	212	204	210	206	159	69	33	56	21	35	50	64	52	43	19	33	347	349	21	24
3	17	6	3	345	326	342	39	32	56	26	29	69	51	45	53	52	84	73	59	6	347	351	19	285	25
4	279	281	225	355	196	195	199	50	46	25	20	30	22	22	61	86	50	197	182	238	196	212	283	331	331
5	323	5	282	313	263	305	14	29	282	305	350	330	334	354	27	13	18	17	14	5	353	358	12	358	346
6	351	347	311	314	321	328	317	319	325	321	357	334	330	325	338	329	335	359	6	318	333	308	305	305	329
7	303	303	305	303	314	331	327	330	332	336	333	337	3	91	211	208	195	208	210	210	217	214	9	258	290
8	17	20	18	16	359	11	39	40	19	4	4	36	23	8	15	19	3	16	15	4	352	335	332	316	10
9	312	314	318	317	318	338	339	342	356	11	7	358	357	5	11	3	359	2	5	358	339	327	337	355	346
10	334	26	10	26	19	317	199	194	26	32	13	27	4	24	343	9	27	46	65	24	310	215	207	201	10
11	221	230	12	24	30	38	48	30	18	360	117	Au	Au	Au	154	127	87	321	360	324	287	19	15	336	18
12	205	211	220	101	193	193	201	190	206	204	28	23	38	36	42	135	259	286	274	262	257	268	108	201	214
13	199	197	219	211	205	213	214	197	192	182	174	156	179	201	192	208	53	51	40	41	7	329	286	279	201
14	18	3	25	30	25	10	16	39	12	7	3	6	12	24	15	352	11	219	228	243	240	299	297	295	354
15	300	301	305	329	18	340	353	359	16	358	344	343	357	360	338	318	323	322	316	303	302	302	308	302	330
16	292	301	315	318	316	328	322	319	292	285	288	290	290	284	282	282	282	290	313	304	278	275	302	310	298
17	293	310	342	24	317	279	209	126	37	26	65	96	37	257	329	103	189	187	287	23	20	347	6	348	355
18	20	236	19	24	24	15	23	24	2	10	358	35	46	54	47	189	203	210	54	314	353	135	193	2	22
19	7	16	24	13	25	12	25	37	7	21	27	44	47	24	156	96	359	327	296	316	355	5	51	17	18
20	352	14	21	37	26	33	22	1	14	98	118	86	97	103	83	75	56	78	66	358	320	333	349	9	39
21	345	359	6	341	11	195	37	16	31	63	51	42	102	199	219	180	79	51	92	209	211	215	219	221	55
22	229	217	224	221	224	221	218	220	233	359	81	123	48	328	230	195	213	259	309	359	21	209	215	239	233
23	324	304	178	3	180	217	283	303	326	337	345	355	348	348	349	351	352	355	351	346	337	321	324	318	330
24	316	316	316	337	344	7	49	27	17	358	15	20	18	18	16	14	351	323	326	10	333	349	326	343	355
25	3	327	276	153	138	165	198	204	123	193	158	203	83	89	44	62	42	46	57	85	336	267	222	268	125
26	52	341	229	206	203	200	192	204	36	70	71	73	108	75	27	29	69	59	50	358	337	353	341	346	43
27	2	1	24	353	246	213	135	51	42	50	50	350	360	24	352	345	337	350	10	349	329	2	347	239	1
28	207	315	148	202	204	207	203	210	37	32	20	25	359	354	359	14	356	25	33	70	249	216	219	206	325
29	202	202	222	222	208	213	191	34	46	43	303	59	82	77	72	90	86	103	108	103	111	182	298	343	113
30	340	346	337	4	338	330	1	4	3	5	3	354	19	52	12	42	67	49	67	37	359	330	24	291	7
31	262	349	294	333	237	209	221	196	189	89	19	20	31	9	15	5	312	220	345	334	347	356	318	5	330
Prev	318	320	316	338	297	282	298	4	9	17	23	26	30	24	21	44	26	10	15	350	325	306	318	307	351

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Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	42	240	255	4	53	28	348	11	8	347	48	45	37	25	15	36	329	239	253	243	251	264	273	280	341
2	282	210	183	176	170	154	209	220	246	275	277	257	239	207	171	174	201	235	345	353	5	9	319	238	233
3	208	62	36	2	217	120	13	84	351	36	12	27	57	359	279	331	349	72	25	15	4	348	3	19	18
4	17	17	37	40	6	5	44	13	13	7	1	18	12	8	7	14	9	13	3	3	354	342	343	340	9
5	336	329	347	8	2	335	5	285	338	339	360	360	350	352	7	348	356	3	23	58	35	331	352	326	353
6	325	246	203	207	207	14	33	12	6	2	3	6	10	24	359	11	360	6	5	9	5	332	343	355	356
7	334	335	353	20	312	263	108	20	3	1	43	33	65	56	10	351	346	20	58	78	256	237	211	196	6
8	231	209	211	216	207	217	217	212	200	206	186	174	173	156	60	38	60	51	60	53	354	265	206	197	191
9	216	203	331	218	246	239	52	78	41	7	5	28	46	49	356	321	48	22	10	12	356	346	5	235	3
10	261	262	227	219	208	214	197	60	21	350	349	131	202	198	105	314	10	38	10	24	5	341	326	325	320
11	307	307	307	313	77	180	32	313	336	352	351	345	327	343	345	359	9	3	347	343	356	340	322	333	341
12	329	311	322	57	26	163	29	88	23	353	353	360	325	344	330	352	349	342	346	349	338	341	356	348	354
13	320	319	353	318	218	207	32	19	351	360	355	347	9	42	20	326	295	39	55	54	20	352	352	347	357
14	358	7	11	23	1	330	31	29	7	10	5	3	8	24	18	20	25	34	49	25	11	351	6	335	12
15	337	342	6	13	24	15	30	27	25	38	28	58	56	57	49	27	56	25	4	360	330	316	141	328	20
16	355	360	29	348	149	95	43	46	11	3	20	5	248	202	261	262	283	265	351	84	12	329	350	325	352
17	323	318	311	336	6	203	209	206	212	178	167	262	247	240	242	243	253	280	286	296	316	356	339	340	273
18	334	250	203	206	195	213	202	188	196	200	209	37	355	32	325	255	279	310	330	3	350	355	347	13	285
19	4	308	326	322	11	263	65	340	318	302	278	274	266	274	261	256	265	264	258	3	4	6	20	349	312
20	345	349	352	238	288	8	206	329	35	29	51	34	30	40	46	55	56	70	96	100	160	312	282	331	19
21	19	238	340	299	269	211	200	21	55	208	200	177	177	193	200	237	239	356	3	6	5	353	354	345	286
22	100	112	149	191	214	212	201	212	211	185	137	159	294	310	86	56	58	74	89	102	2	310	220	206	158
23	244	9	356	360	11	2	219	118	34	36	14	37	359	337	59	133	245	280	300	292	331	349	350	357	352
24	351	345	13	70	159	189	189	104	9	39	42	58	349	5	64	77	60	57	59	40	3	355	10	17	38
25	41	55	58	22	29	6	27	33	8	8	11	350	11	4	345	5	14	26	15	19	347	327	356	1	13
26	48	20	17	95	212	200	206	215	197	43	11	29	23	35	16	12	17	34	47	54	341	330	359	15	23
27	35	262	342	24	22	4	297	150	12	5	49	45	36	32	63	60	61	90	79	20	335	334	302	24	23
28	2	21	25	26	31	10	10	34	15	21	16	44	34	72	62	69	103	82	87	169	254	285	201	201	39
29	227	271	337	26	341	232	196	291	123	183	322	153	141	21	274	271	279	289	304	293	273	241	196	281	269
30	356	335	348	317	300	341	43	343	6	20	16	45	53	123	175	272	279	316	324	35	10	359	344	350	353
Prev	338	318	345	351	319	256	48	26	6	3	10	26	8	19	13	353	352	9	12	20	347	331	333	331	355

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Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	11	8	24	7	11	10	14	8	33	55	43	52	56	43	21	52	35	20	57	47	62	43	66	81	36	81	7
2	48	60	93	59	21	40	70	86	14	13	17	29	32	37	59	28	30	29	12	32	45	72	73	51	44	93	12
3	45	25	25	7	10	5	5	6	12	10	17	19	21	18	38	14	27	9	9	30	49	80	76	58	26	80	5
4	97	44	11	7	16	25	54	25	37	46	46	12	20	32	40	55	29	29	46	64	33	61	48	60	39	97	7
5	47	95	90	14	10	14	80	25	24	41	64	35	62	27	27	23	26	27	25	29	13	17	28	8	35	95	8
6	9	10	14	13	10	19	22	75	24	19	24	22	25	31	82	27	27	19	9	36	46	61	61	27	30	82	9
7	32	25	16	15	12	10	15	13	10	42	45	40	60	27	22	21	30	13	14	14	8	85	57	38	28	85	8
8	35	88	15	13	21	14	14	9	14	9	8	9	11	13	13	20	29	40	14	8	8	13	7	12	18	88	7
9	66	39	18	12	8	10	6	8	7	13	14	26	22	44	55	51	33	20	17	40	38	73	66	61	31	73	6
10	54	34	27	11	28	32	24	13	34	19	13	25	43	25	15	18	19	24	16	50	31	10	8	8	24	54	8
11	8	30	16	23	13	14	9	8	10	8	8	13	11	13	23	19	13	20	13	29	17	89	18	7	18	89	7
12	17	8	16	45	53	71	48	12	24	66	62	46	34	38	22	17	14	59	14	76	27	11	22	74	37	76	8
13	25	21	13	13	17	16	15	13	17	22	39	58	55	70	28	22	47	8	22	91	15	18	10	8	28	91	8
14	7	9	12	31	15	13	12	11	12	14	12	14	14	17	14	16	12	14	18	15	10	8	15	20	14	31	7
15	47	94	54	55	36	33	30	33	18	21	19	20	17	16	13	13	14	13	8	14	12	8	5	27	26	94	5
16	18	37	45	57	29	71	16	9	7	47	58	51	50	53	26	19	15	14	32	42	17	59	48	75	37	75	7
17	32	21	18	11	6	6	5	5	7	8	10	19	68	70	38	23	47	17	25	19	22	25	17	22	23	70	5
18	12	20	73	13	42	33	25	9	10	16	13	18	16	17	16	15	16	15	14	14	14	15	21	10	19	73	9
19	18	18	13	55	79	15	93	23	61	17	20	30	28	30	40	51	42	28	29	20	43	38	33	57	37	93	13
20	20	32	34	54	20	9	7	6	8	16	45	63	63	63	91	45	23	25	19	68	55	21	59	55	38	91	6
21	63	26	71	16	10	4	5	5	5	14	41	82	52	80	43	38	28	17	7	84	66	19	21	79	37	84	4
22	52	17	7	32	17	23	42	50	23	20	21	23	22	33	26	26	39	11	10	19	19	12	11	34	25	52	7
23	64	64	54	30	16	36	7	8	9	25	73	44	46	39	54	38	54	45	38	21	16	56	86	55	41	86	7
24	37	16	20	33	20	9	12	20	20	14	21	23	27	80	61	61	36	17	56	20	9	18	87	56	32	87	9
25	51	80	58	74	76	59	26	34	23	20	22	42	40	42	30	41	26	27	26	9	12	9	8	11	35	80	8
26	9	9	14	10	8	6	9	10	11	17	17	24	22	24	47	33	28	28	12	13	20	22	37	64	21	64	6
27	50	39	80	67	73	72	56	74	10	78	36	66	54	70	45	39	29	19	17	46	43	35	52	43	50	80	10
28	19	35	35	65	73	34	25	11	24	40	38	46	47	19	30	24	21	12	14	67	56	51	37	74	37	74	11
29	57	66	65	60	72	29	45	9	20	44	52	27	26	48	52	36	59	17	13	14	12	15	9	21	36	72	9
30	6	7	9	8	9	31	46	48	16	20	26	33	46	66	44	29	24	15	13	16	60	44	45	50	30	66	6
Avg	35	36	35	30	28	25	28	22	18	26	31	34	36	40	37	30	29	22	21	35	29	36	38	42	31	79	8
Max	97	95	93	74	79	72	93	86	61	78	73	82	68	80	91	61	59	59	57	91	66	89	87	81	50	97	13
Min	6	7	7	7	6	4	5	5	5	8	8	9	11	13	13	13	12	8	7	8	8	8	5	7	14	31	4

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May 2015

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Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	33	24	15	52	5	6	5	6	10	10	15	33	50	39	55	45	31	13	10	36	42	41	30	51	27	55	5
2	41	20	24	61	42	23	8	11	10	89	55	87	80	66	50	32	18	10	8	21	22	51	59	36	39	89	8
3	22	25	22	30	26	37	25	43	27	23	31	41	53	46	48	38	29	13	12	45	17	29	51	50	33	53	12
4	73	49	35	52	61	42	37	73	38	32	46	41	38	47	27	42	78	35	23	33	79	21	43	13	44	79	13
5	23	39	63	74	74	62	58	35	51	31	40	38	37	40	44	19	17	12	10	11	14	14	21	33	36	74	10
6	35	34	16	7	10	9	10	13	11	17	40	38	58	32	47	44	40	13	16	8	18	11	9	8	23	58	7
7	8	8	8	8	10	8	8	8	9	10	11	16	25	61	13	7	12	10	5	6	6	20	85	64	18	85	5
8	41	16	22	16	21	41	38	15	23	16	20	19	25	20	15	15	17	11	10	11	13	9	8	11	19	41	8
9	8	8	7	8	10	47	50	17	14	16	18	22	19	19	16	17	16	15	11	13	9	4	7	80	19	80	4
10	61	52	24	14	50	75	39	52	20	36	37	41	41	56	54	43	30	27	8	39	44	26	17	15	38	75	8
11	67	73	31	22	12	22	15	28	21	42	54	Au	Au	Au	12	20	70	23	14	32	12	27	32	44	32	73	12
12	32	53	33	92	36	49	33	42	11	23	61	64	62	49	23	70	84	68	14	9	13	45	34	32	43	92	9
13	9	10	20	15	21	16	18	14	13	14	19	40	46	56	24	21	72	20	10	8	27	13	58	69	26	72	8
14	50	39	26	22	15	26	24	15	15	15	15	20	26	27	30	25	28	64	33	19	54	18	8	6	26	64	6
15	8	9	11	12	24	14	16	14	21	15	11	11	13	16	19	12	10	9	9	10	9	8	10	11	13	24	8
16	6	10	9	11	12	15	19	13	15	10	10	10	10	10	12	9	9	16	15	12	7	6	13	58	13	58	6
17	19	20	37	58	49	33	50	58	20	35	33	71	56	63	36	46	14	14	49	13	8	25	24	26	36	71	8
18	47	75	25	12	16	10	9	13	14	21	17	37	16	11	18	73	16	60	63	44	48	71	55	24	33	75	9
19	21	16	15	19	14	28	35	20	20	32	34	56	63	43	85	90	27	40	43	14	27	37	23	19	34	90	14
20	17	11	27	16	19	15	18	27	12	33	14	42	24	17	18	17	18	37	12	50	68	64	50	32	27	68	11
21	15	13	23	20	48	70	68	21	22	48	26	23	46	29	20	46	50	10	22	16	15	64	17	22	31	70	10
22	26	24	6	8	13	7	5	6	51	27	65	80	75	86	18	17	13	54	15	15	62	22	19	43	32	86	5
23	21	71	53	44	78	52	81	24	15	16	19	20	21	26	19	18	18	16	14	13	7	7	7	9	28	81	7
24	11	9	11	7	11	35	23	27	20	32	18	17	28	39	28	23	20	23	35	13	12	26	6	26	21	39	6
25	44	80	78	68	51	42	16	9	62	42	43	79	33	13	29	53	19	13	9	19	87	61	18	77	44	87	9
26	51	34	77	17	16	24	13	17	62	44	49	41	71	38	17	30	31	30	25	14	12	16	5	19	31	77	5
27	22	30	24	32	71	45	80	14	22	59	49	63	32	26	38	18	20	56	13	15	6	34	35	87	37	87	6
28	65	52	54	36	15	23	7	10	45	21	38	33	44	50	57	55	50	40	40	38	29	26	20	24	36	65	7
29	12	10	72	45	27	7	90	20	30	43	88	70	68	36	43	45	34	21	11	8	13	65	59	40	40	90	7
30	33	15	13	30	19	8	26	13	13	14	22	34	59	47	42	23	24	14	12	41	43	81	42	53	30	81	8
31	68	61	59	61	41	35	42	14	20	91	46	58	40	64	53	60	56	29	9	10	42	56	55	32	46	91	9
Avg	32	32	30	31	30	30	31	22	24	31	34	42	42	39	33	35	31	26	19	21	28	32	30	36	31	72	8
Max	73	80	78	92	78	75	90	73	62	91	88	87	80	86	85	90	84	68	63	50	87	81	85	87	46	92	14
Min	6	8	6	7	5	6	5	6	9	10	10	10	10	10	12	7	9	9	5	6	6	4	5	6	13	24	4

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
June 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	83	75	23	75	38	34	16	21	18	22	61	53	67	90	66	44	43	14	15	15	9	10	9	10	38	90	9
2	37	48	32	24	37	24	19	17	36	41	24	35	33	22	20	19	20	40	26	14	24	40	24	52	30	52	14
3	46	70	35	63	89	38	40	63	28	20	47	48	82	58	75	78	37	38	11	10	13	16	18	20	43	89	10
4	17	16	55	71	64	42	32	21	16	17	20	22	24	30	17	17	14	13	13	11	14	8	9	21	24	71	8
5	23	18	37	12	17	7	60	53	14	14	16	20	23	26	31	30	33	22	15	12	50	36	16	83	28	83	7
6	30	72	28	26	50	52	16	18	15	16	18	18	19	22	21	21	22	16	13	10	12	13	22	24	24	72	10
7	31	11	17	37	45	62	56	23	15	32	43	38	43	41	70	32	29	28	32	36	48	50	16	19	36	70	11
8	46	25	30	7	10	6	7	7	14	16	26	32	37	53	47	29	33	26	15	21	32	49	29	23	26	53	6
9	8	30	61	28	64	48	56	59	53	37	61	37	48	32	83	33	29	21	12	10	15	10	24	27	37	83	8
10	16	8	20	11	33	36	28	52	20	36	64	81	65	51	98	33	32	30	12	9	15	11	7	8	32	98	7
11	10	8	12	39	65	84	47	24	25	29	37	33	45	43	32	28	29	25	18	15	14	10	12	21	29	84	8
12	17	10	71	74	80	54	85	88	52	30	46	50	50	60	56	32	35	19	15	13	10	11	17	19	41	88	10
13	62	40	45	63	28	64	45	39	26	34	24	22	30	44	43	48	53	34	12	8	17	15	20	21	35	64	8
14	25	23	22	43	57	82	53	22	15	20	30	31	36	45	35	27	26	19	18	12	16	21	21	31	30	82	12
15	12	19	47	24	12	8	8	18	22	20	21	27	26	27	21	43	41	33	17	13	14	26	70	20	25	70	8
16	57	40	55	91	54	62	37	44	25	19	26	52	76	81	65	44	47	41	89	15	59	39	17	19	48	91	15
17	16	33	54	43	46	23	8	13	15	41	42	53	49	23	22	21	18	22	17	14	26	25	19	51	29	54	8
18	21	61	40	49	29	18	8	16	32	21	51	94	72	44	86	37	33	14	15	27	15	23	33	30	36	94	8
19	26	11	21	23	33	52	39	73	19	34	30	23	30	27	24	35	30	21	20	30	12	10	23	28	28	73	10
20	34	48	34	86	86	53	60	70	26	41	51	55	56	30	23	38	45	21	18	14	80	55	57	55	47	86	14
21	38	83	37	50	47	39	61	38	36	44	21	19	28	40	51	31	34	16	13	13	13	18	32	82	37	83	13
22	49	75	79	80	25	31	19	9	14	39	51	65	98	99	62	25	24	33	16	16	52	67	45	37	46	99	9
23	57	53	20	16	17	58	81	61	28	50	66	81	67	79	60	67	78	46	27	8	31	18	19	26	46	81	8
24	41	31	67	84	75	64	49	43	63	29	46	68	33	25	21	19	14	19	13	8	16	17	27	26	37	84	8
25	42	41	46	24	63	34	32	25	14	14	31	43	37	49	29	27	31	20	14	10	22	39	39	38	32	63	10
26	60	25	18	103	47	25	9	8	81	76	47	63	51	62	64	45	23	27	17	19	23	23	23	26	40	103	8
27	26	79	80	49	21	26	89	51	29	17	26	20	13	15	17	19	11	17	13	36	13	71	83	27	35	89	11
28	31	16	16	27	66	30	50	16	24	31	26	17	28	21	21	24	14	42	31	18	23	61	45	21	29	66	14
29	15	16	52	36	58	55	32	72	94	26	92	50	59	48	19	16	14	16	12	15	10	24	48	53	39	94	10
30	43	46	82	84	9	68	54	24	25	21	28	38	55	46	87	42	59	39	40	20	8	12	14	16	40	87	8
Avg	34	38	41	48	46	43	40	36	30	30	39	43	46	44	46	33	32	26	20	16	24	28	28	31	35	80	10
Max	83	83	82	103	89	84	89	88	94	76	92	94	98	99	98	78	78	46	89	36	80	71	83	83	48	103	15
Min	8	8	12	7	9	6	7	7	14	14	16	17	13	15	17	16	11	13	11	8	8	8	7	8	24	52	6

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
April 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	38.7	38.3	37.1	36.5	35.0	33.9	34.2	36.4	38.9	40.4	41.8	42.8	44.0	44.9	44.9	44.5	43.3	43.9	40.9	39.3	36.9	35.6	34.5	34.0	39.2	44.9	33.9
2	35.3	33.8	32.6	34.0	32.1	31.1	31.8	35.1	39.3	40.5	41.9	43.5	44.6	45.4	46.6	46.0	46.4	46.1	43.4	41.0	38.8	36.9	36.1	35.9	39.1	46.6	31.1
3	34.7	34.0	32.0	32.7	33.2	32.7	32.3	33.8	37.2	40.2	43.7	46.5	48.8	50.4	52.5	54.3	54.3	53.1	51.4	49.8	48.3	48.6	45.7	44.7	43.1	54.3	32.0
4	42.9	44.0	48.6	48.3	46.4	45.7	44.5	43.0	43.5	44.8	45.4	45.0	47.1	48.4	49.4	48.2	47.8	48.8	49.1	48.6	46.2	45.9	43.8	42.3	46.2	49.4	42.3
5	41.5	41.5	41.5	40.9	39.6	37.5	36.9	35.0	37.7	40.1	42.9	44.8	45.1	41.3	43.4	45.9	46.1	46.2	45.9	44.0	42.9	42.7	41.7	40.0	41.9	46.2	35.0
6	39.0	36.5	34.5	34.1	34.1	34.7	33.4	35.0	38.4	40.1	40.7	43.1	44.5	45.1	46.8	48.1	49.0	49.0	46.5	43.8	42.8	42.6	42.8	42.6	41.1	49.0	33.4
7	40.4	36.6	35.0	33.1	31.8	32.5	33.0	33.0	36.0	39.0	41.6	45.7	48.7	49.7	49.1	50.0	51.1	50.7	49.1	47.5	46.6	45.4	45.8	45.4	42.4	51.1	31.8
8	45.6	43.4	41.6	41.7	41.8	41.9	43.0	43.9	44.7	45.6	46.9	49.2	51.6	53.6	54.1	53.3	52.6	51.9	52.1	49.8	48.2	46.7	45.3	43.5	47.2	54.1	41.6
9	41.6	39.8	38.8	38.8	38.2	37.0	37.1	38.3	40.4	43.7	47.0	49.3	50.9	51.0	52.1	53.4	53.5	53.6	52.1	50.3	49.5	49.0	47.3	45.1	45.7	53.6	37.0
10	43.9	42.9	41.1	40.5	40.1	39.4	39.5	39.2	44.6	48.8	52.1	54.3	57.6	60.0	63.2	64.5	64.7	64.8	61.9	60.1	59.6	60.0	59.2	58.2	52.5	64.8	39.2
11	56.3	53.9	51.7	52.1	49.3	49.5	49.1	49.1	50.1	49.7	49.4	52.2	54.0	56.0	55.0	53.9	49.4	51.4	51.6	47.9	43.7	42.3	41.6	40.1	50.0	56.3	40.1
12	39.7	39.6	38.2	34.5	32.8	32.0	31.1	35.0	38.2	40.6	42.4	44.2	46.2	48.5	51.2	52.7	54.7	54.0	50.3	47.6	45.7	45.0	44.0	40.2	42.9	54.7	31.1
13	37.4	37.7	37.1	37.2	36.3	34.9	34.1	36.9	41.6	45.1	49.4	54.7	59.3	63.0	67.2	70.7	69.7	66.5	62.9	60.8	60.7	63.6	62.4	59.5	52.0	70.7	34.1
14	56.1	53.6	49.0	41.5	39.3	38.2	37.2	37.8	38.8	40.6	41.4	42.6	44.1	43.8	43.9	43.6	43.5	43.5	42.8	39.5	37.5	35.7	33.8	32.8	41.7	56.1	32.8
15	32.3	31.7	32.7	32.8	31.5	32.3	32.1	36.3	38.1	39.2	41.8	44.2	46.1	47.9	49.1	50.0	50.7	50.9	49.8	47.8	44.8	42.1	40.9	40.1	41.0	50.9	31.5
16	39.0	36.0	36.1	35.6	35.0	33.7	34.7	38.4	40.4	44.6	48.3	50.8	53.2	55.7	56.9	58.2	59.5	60.4	60.0	56.8	52.8	51.2	50.2	51.0	47.4	60.4	33.7
17	49.4	48.6	47.1	45.7	46.1	45.4	44.3	45.9	48.9	52.1	56.4	60.1	63.1	65.6	67.6	68.7	69.1	68.7	67.3	63.1	60.2	57.0	57.1	55.4	56.4	69.1	44.3
18	56.2	54.6	52.3	53.1	50.9	50.5	52.1	55.4	55.4	57.0	58.8	60.2	61.7	63.8	65.0	65.7	66.3	65.8	64.3	61.1	57.9	56.4	54.5	54.7	58.1	66.3	50.5
19	51.4	48.0	47.5	46.9	47.8	44.5	43.8	48.2	53.0	55.8	57.4	59.1	60.7	62.2	62.9	63.8	64.7	64.9	63.9	60.7	57.8	54.9	53.4	51.7	55.2	64.9	43.8
20	53.0	51.9	50.4	48.6	46.6	46.3	46.6	48.0	51.8	55.9	59.2	62.2	64.2	65.6	67.4	68.0	68.0	67.8	66.7	63.5	60.4	57.4	56.2	55.2	57.5	68.0	46.3
21	53.3	53.7	52.3	51.3	50.0	51.5	51.4	52.4	53.9	58.6	62.6	65.3	67.2	68.6	69.9	71.0	71.7	71.0	68.9	66.1	64.1	59.9	59.4	54.2	60.3	71.7	50.0
22	58.1	57.9	55.6	53.1	50.8	49.6	48.9	51.9	53.8	56.1	57.6	59.5	60.4	61.1	60.9	62.3	63.8	62.9	60.5	56.1	52.6	51.2	50.3	48.6	56.0	63.8	48.6
23	44.8	43.9	42.3	38.3	41.3	38.1	41.1	43.3	46.3	51.2	54.5	56.6	59.5	61.8	63.5	64.9	63.8	62.3	60.9	58.6	57.3	55.6	54.4	52.6	52.4	64.9	38.1
24	50.5	48.9	47.4	46.7	46.7	45.7	46.1	45.9	46.3	46.8	46.8	48.1	49.8	50.6	51.9	53.4	53.4	53.1	49.8	46.0	45.4	44.4	43.6	45.2	48.0	53.4	43.6
25	44.0	41.9	40.8	40.0	40.0	38.2	39.2	42.5	46.0	47.5	48.8	50.0	51.5	52.1	52.4	52.3	50.0	45.4	45.2	41.3	42.0	42.3	41.2	41.2	44.8	52.4	38.2
26	41.6	40.3	39.3	38.6	39.0	38.8	39.7	42.2	43.9	45.2	46.6	48.8	50.4	52.1	54.3	55.5	56.3	56.5	55.7	52.7	49.6	47.3	46.3	45.2	46.9	56.5	38.6
27	44.0	43.5	42.4	42.1	40.6	40.4	39.9	44.8	47.3	51.3	54.3	56.5	58.8	60.9	62.7	63.7	63.8	63.6	62.7	59.9	55.3	53.2	52.5	51.1	52.3	63.8	39.9
28	49.4	51.5	47.8	46.2	44.0	43.7	44.2	47.0	51.8	54.9	58.6	62.4	65.6	68.5	71.0	72.3	73.2	73.4	72.3	69.0	66.1	63.3	62.8	59.0	59.1	73.4	43.7
29	57.6	56.1	55.1	53.7	54.0	52.9	51.8	54.1	54.7	57.2	60.8	62.6	63.1	65.2	65.8	66.8	66.5	64.2	60.5	57.5	54.7	53.1	50.7	48.8	57.8	66.8	48.8
30	47.9	47.1	45.9	45.5	45.1	43.4	41.4	46.4	49.2	50.7	52.8	55.0	57.4	59.9	61.6	62.9	63.9	64.5	63.7	60.2	56.8	54.9	53.9	51.9	53.4	64.5	41.4
Avg	45.5	44.4	43.1	42.1	41.3	40.5	40.5	42.5	45.0	47.4	49.7	52.0	54.0	55.4	56.7	57.6	57.7	57.3	55.7	53.0	50.8	49.5	48.4	47.0	49.1	58.8	39.2
Max	58.1	57.9	55.6	53.7	54.0	52.9	52.1	55.4	55.4	58.6	62.6	65.3	67.2	68.6	71.0	72.3	73.2	73.4	72.3	69.0	66.1	63.6	62.8	59.5	60.3	73.4	50.5
Min	32.3	31.7	32.0	32.7	31.5	31.1	31.1	33.0	36.0	39.0	40.7	42.6	44.0	41.3	43.4	43.6	43.3	43.5	40.9	39.3	36.9	35.6	33.8	32.8	39.1	44.9	31.1

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
May 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	52.1	51.1	50.2	49.0	48.0	47.4	47.6	49.5	53.3	57.3	61.5	64.9	67.1	69.0	71.0	72.5	73.4	70.1	68.4	66.2	63.5	59.8	57.9	56.0	59.5	73.4	47.4
2	54.2	55.2	53.7	54.0	51.6	51.6	50.5	54.9	57.7	62.6	65.5	67.4	70.2	71.7	73.5	73.7	72.7	71.6	70.2	67.1	62.2	60.3	57.1	55.8	61.9	73.7	50.5
3	54.6	54.3	55.0	53.5	51.3	49.7	47.5	52.4	55.9	60.2	62.7	64.9	68.0	69.6	71.4	72.3	72.3	71.6	70.6	67.1	63.8	61.9	59.6	59.1	61.2	72.3	47.5
4	57.6	57.6	55.8	53.6	53.6	52.1	50.9	55.4	61.1	64.2	67.1	70.1	72.3	74.2	75.7	76.0	75.4	76.2	75.4	72.6	71.6	68.0	66.8	63.1	65.3	76.2	50.9
5	62.1	59.9	56.8	54.5	54.0	55.5	53.4	55.4	57.3	58.0	58.5	60.2	61.7	62.9	63.7	64.4	63.4	62.1	60.1	57.4	54.6	51.8	48.5	45.5	57.6	64.4	45.5
6	45.4	44.3	43.7	43.4	43.1	42.5	43.7	44.9	46.7	49.1	51.0	52.9	53.5	54.4	55.7	56.7	56.8	55.1	52.7	48.8	46.4	44.8	43.6	42.8	48.4	56.8	42.5
7	41.9	42.2	42.4	42.2	42.3	43.0	43.6	44.7	45.6	46.9	48.1	49.6	48.5	47.8	46.9	46.0	47.5	48.8	48.2	47.6	47.7	47.8	47.2	47.6	46.0	49.6	41.9
8	46.9	47.9	47.8	45.9	46.1	45.1	46.0	49.3	53.6	56.6	58.8	61.0	63.1	64.7	66.3	67.2	67.5	66.9	66.0	64.9	61.9	58.2	56.9	55.8	56.9	67.5	45.1
9	54.3	53.9	53.9	53.0	52.5	50.9	52.6	56.2	58.1	59.7	61.8	63.7	65.1	67.4	68.6	69.4	70.0	69.6	68.2	65.7	61.2	57.7	58.1	55.6	60.3	70.0	50.9
10	54.2	52.2	50.5	49.8	48.0	47.2	48.4	53.3	56.4	57.4	59.4	61.7	63.6	65.6	67.2	67.7	67.7	67.1	65.7	63.6	62.0	59.4	57.7	56.5	58.4	67.7	47.2
11	55.6	53.4	54.1	52.4	51.2	50.0	50.0	51.3	54.0	57.3	59.9	Au	Au	Au	66.4	67.5	66.7	62.0	60.8	59.4	55.1	52.5	49.8	49.1	56.1	67.5	49.1
12	48.9	49.2	50.1	48.1	47.1	44.6	46.2	51.4	51.7	53.3	55.9	58.6	61.3	63.1	63.4	61.9	61.7	59.3	55.2	49.2	45.3	45.6	44.0	43.5	52.4	63.4	43.5
13	43.5	41.6	40.9	41.9	43.2	43.0	43.6	44.6	46.5	48.3	50.0	51.6	53.3	55.4	57.5	58.8	58.7	58.4	57.3	55.8	53.4	51.7	49.9	48.7	49.9	58.8	40.9
14	46.6	46.7	46.7	48.1	47.4	45.5	46.0	49.9	53.8	55.3	57.4	58.8	61.1	62.9	63.8	65.1	65.0	62.4	59.9	57.9	56.9	54.3	51.9	51.3	54.8	65.1	45.5
15	51.3	50.8	50.8	50.5	49.8	49.9	49.1	48.3	47.7	48.1	48.0	48.7	50.1	51.1	52.2	53.3	54.0	53.2	52.8	51.6	51.6	51.4	51.2	50.0	50.6	54.0	47.7
16	49.5	50.4	50.9	51.5	50.8	50.5	50.2	50.0	50.5	51.5	53.1	55.0	56.9	57.5	58.6	58.5	58.9	60.0	60.5	59.0	57.7	57.1	57.1	55.5	54.6	60.5	49.5
17	55.7	54.8	52.9	50.7	51.5	50.0	51.5	54.5	56.9	58.8	60.9	62.6	63.9	60.2	61.9	62.7	62.4	61.2	60.0	56.3	53.4	52.7	51.4	50.8	56.6	63.9	50.0
18	49.6	48.8	47.8	48.7	48.1	49.3	49.5	50.8	52.1	52.6	54.3	57.2	58.6	59.2	59.4	57.6	55.2	56.0	58.7	57.5	57.6	56.7	56.5	56.3	54.1	59.4	47.8
19	55.3	53.7	53.2	53.2	52.1	51.3	51.7	52.2	53.3	54.9	55.9	57.5	60.1	61.7	63.9	65.4	65.2	62.0	59.5	53.3	52.6	52.5	51.9	52.3	56.0	65.4	51.3
20	52.5	52.1	52.2	52.2	52.4	52.3	52.4	53.1	54.1	55.7	57.0	59.4	62.0	62.7	63.5	63.8	64.1	62.5	59.6	56.2	56.3	55.8	56.2	54.8	56.8	64.1	52.1
21	54.6	53.9	52.8	51.6	50.4	50.6	50.9	51.6	53.2	57.5	59.6	61.2	62.7	62.7	64.8	67.4	66.7	65.3	63.7	62.5	61.0	59.8	59.1	55.7	58.3	67.4	50.4
22	55.7	53.8	54.4	53.8	53.5	53.0	53.3	53.8	55.4	58.1	60.3	63.0	66.1	65.8	64.0	65.1	64.3	64.3	62.6	61.1	58.5	58.0	57.6	56.8	58.8	66.1	53.0
23	55.7	54.7	53.3	53.3	54.2	54.1	55.9	58.2	60.6	61.9	64.0	65.7	67.6	69.3	71.5	73.1	73.5	73.1	71.7	69.6	65.9	64.8	63.3	61.7	63.2	73.5	53.3
24	60.5	60.1	57.8	57.6	57.3	54.1	55.9	60.1	61.7	64.0	66.2	68.2	69.4	70.4	72.3	73.3	73.4	73.4	72.7	70.2	68.0	65.0	63.6	62.1	64.9	73.4	54.1
25	59.7	59.7	58.8	55.9	55.2	55.1	56.0	59.6	63.3	65.6	67.5	67.9	66.4	66.7	67.8	69.8	70.4	68.7	65.9	64.2	63.1	59.2	58.5	58.0	62.6	70.4	55.1
26	54.3	54.1	52.9	51.5	50.7	50.8	52.9	57.6	60.9	62.3	64.5	66.1	65.5	65.9	66.9	69.9	70.8	70.9	71.2	68.1	62.7	61.1	58.8	57.1	61.1	71.2	50.7
27	56.1	55.2	54.8	54.8	54.6	53.4	54.4	58.3	60.5	62.5	64.6	66.1	67.7	67.6	69.2	68.7	62.7	60.6	64.0	64.5	60.7	58.7	57.0	55.7	60.5	69.2	53.4
28	54.1	54.1	52.9	51.9	51.8	51.4	53.1	56.9	61.5	63.6	64.7	67.0	68.5	70.2	71.9	72.8	73.5	73.9	74.0	72.3	69.4	65.5	63.4	62.0	63.4	74.0	51.4
29	61.3	60.9	59.6	57.0	56.1	58.3	58.5	61.0	64.7	68.7	71.8	74.3	75.9	77.2	78.4	78.9	79.4	79.4	78.5	77.0	75.5	74.7	73.1	71.8	69.7	79.4	56.1
30	70.1	68.2	66.0	64.2	65.9	64.0	63.9	65.1	68.0	69.1	70.2	71.3	72.5	74.9	76.1	76.5	76.9	76.6	75.0	72.3	63.6	61.3	60.0	60.9	68.9	76.9	60.0
31	60.3	58.9	59.9	59.2	59.1	58.8	59.6	62.9	67.2	70.8	73.2	75.0	77.7	79.7	83.0	82.8	83.0	85.9	80.6	78.2	73.1	72.2	70.7	67.4	70.8	85.9	58.8
Avg	54.0	53.3	52.7	51.8	51.4	50.8	51.3	53.8	56.2	58.4	60.4	62.4	64.0	65.1	66.3	67.1	66.9	66.1	64.8	62.5	59.9	58.1	56.7	55.5	58.7	67.8	49.8
Max	70.1	68.2	66.0	64.2	65.9	64.0	63.9	65.1	68.0	70.8	73.2	75.0	77.7	79.7	83.0	82.8	83.0	85.9	80.6	78.2	75.5	74.7	73.1	71.8	70.8	85.9	60.0
Min	41.9	41.6	40.9	41.9	42.3	42.5	43.6	44.6	45.6	46.9	48.0	48.7	48.5	47.8	46.9	46.0	47.5	48.8	48.2	47.6	45.3	44.8	43.6	42.8	46.0	49.6	40.9

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
June 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	67.1	68.9	70.9	71.3	67.2	63.0	61.7	63.4	64.0	64.0	67.3	71.7	74.8	76.5	74.8	76.1	75.6	77.1	75.5	73.8	70.8	68.7	65.8	64.2	69.8	77.1	61.7
2	61.3	58.9	57.5	56.2	55.5	55.8	56.6	58.1	59.1	61.0	62.9	64.8	66.5	65.4	66.3	64.6	66.4	67.3	62.4	57.4	54.8	54.2	53.7	53.2	60.0	67.3	53.2
3	51.5	50.3	50.0	49.7	48.4	48.6	50.4	53.3	56.2	58.0	60.2	62.0	64.7	65.8	67.5	68.5	69.9	67.8	67.7	65.4	61.9	59.3	55.6	53.6	58.6	69.9	48.4
4	52.6	51.7	51.4	51.1	50.9	50.8	53.7	58.1	59.8	61.8	63.8	65.7	67.8	69.5	70.3	70.6	71.3	71.5	71.4	70.2	68.2	65.6	64.1	63.4	62.3	71.5	50.8
5	62.2	62.7	61.9	59.9	59.2	59.3	60.6	62.4	63.7	65.2	67.1	68.8	71.6	73.3	75.2	76.8	77.7	78.6	78.3	77.0	73.3	70.0	66.4	63.8	68.1	78.6	59.2
6	63.2	61.6	61.9	61.0	60.0	59.0	61.6	68.1	70.4	72.2	74.4	76.7	78.7	80.5	81.5	82.7	83.1	83.2	82.8	80.9	77.6	73.4	72.1	70.1	72.4	83.2	59.0
7	68.4	68.7	67.2	63.1	62.5	61.0	63.6	69.2	71.6	73.5	76.1	78.4	80.1	81.8	82.8	84.4	85.3	85.4	84.3	83.3	79.7	76.4	74.0	72.4	74.7	85.4	61.0
8	71.2	69.4	70.2	69.1	66.8	67.8	69.7	72.1	76.0	80.0	83.3	86.1	88.2	90.2	91.2	91.1	91.7	91.6	90.7	88.7	85.4	81.7	78.3	76.9	80.3	91.7	66.8
9	78.5	76.1	73.3	72.2	71.3	69.0	70.4	77.1	81.5	82.3	85.6	88.8	91.5	91.9	90.2	90.5	91.9	89.9	87.7	85.5	82.6	80.7	78.9	78.3	81.9	91.9	69.0
10	76.1	74.9	73.9	71.7	70.5	69.8	69.2	72.2	76.1	78.6	80.5	82.5	83.3	84.8	86.7	87.9	87.0	86.9	86.1	83.1	79.0	74.9	72.4	72.8	78.4	87.9	69.2
11	71.1	69.9	69.2	68.0	66.4	65.0	68.3	72.5	74.5	76.0	78.1	80.5	82.3	84.1	85.5	86.0	87.0	87.5	86.9	84.0	79.6	75.3	74.6	73.1	76.9	87.5	65.0
12	71.4	71.1	70.3	66.4	65.2	62.0	64.7	70.0	71.3	72.9	74.7	76.9	79.0	80.5	81.9	83.0	83.8	83.1	81.6	79.0	74.2	70.9	66.4	63.6	73.5	83.8	62.0
13	61.0	58.5	56.5	54.9	53.4	52.3	55.9	62.2	64.7	66.1	69.4	71.5	73.4	75.0	77.3	79.5	79.6	78.1	76.1	74.0	70.7	67.3	62.7	59.6	66.7	79.6	52.3
14	56.9	55.8	54.2	53.0	52.7	52.7	55.2	60.8	62.6	64.3	66.6	69.1	71.4	73.2	75.2	77.0	77.5	77.9	77.1	76.6	73.2	70.3	67.1	65.5	66.1	77.9	52.7
15	64.5	63.5	63.4	60.9	58.7	57.9	60.4	66.5	68.9	71.9	74.8	76.8	79.5	81.1	81.6	82.6	83.8	84.7	84.2	82.1	77.4	76.8	75.7	73.9	73.0	84.7	57.9
16	69.4	68.4	65.8	65.4	64.8	64.1	67.9	71.4	74.1	75.3	77.2	79.6	82.2	83.0	85.1	85.9	86.1	86.4	85.2	82.6	79.3	77.2	74.2	71.2	75.9	86.4	64.1
17	70.3	69.6	68.3	67.1	64.7	64.8	67.6	71.1	74.1	77.1	80.6	83.3	84.8	86.4	87.5	88.3	87.6	87.9	87.1	85.4	81.8	76.4	72.7	70.3	77.3	88.3	64.7
18	70.0	68.7	67.5	66.6	65.8	65.2	66.4	71.9	74.9	77.5	80.1	82.4	84.5	84.7	86.6	88.7	89.1	88.3	88.0	86.3	81.9	76.9	74.0	71.2	77.4	89.1	65.2
19	70.4	70.9	69.2	68.2	65.6	64.5	66.3	69.4	70.7	71.6	74.2	76.2	77.8	79.2	80.7	81.0	81.6	81.6	81.2	77.0	71.6	68.4	64.9	62.7	72.7	81.6	62.7
20	60.9	59.9	59.0	57.9	57.8	56.2	57.3	61.7	66.1	68.1	70.8	74.0	75.6	77.4	78.4	80.0	80.8	80.1	79.8	78.2	76.3	73.2	70.6	68.6	69.5	80.8	56.2
21	66.5	66.9	66.7	65.7	65.3	64.4	64.7	68.9	70.9	71.4	73.0	75.6	79.7	82.7	83.6	85.6	85.4	75.2	74.8	70.9	68.4	65.7	62.8	62.3	71.5	85.6	62.3
22	61.5	60.4	59.7	59.2	59.1	58.3	60.1	64.4	67.8	70.6	73.7	76.3	77.7	79.8	80.2	80.6	80.9	81.6	80.9	79.7	76.1	75.2	72.0	70.8	71.1	81.6	58.3
23	69.9	64.6	66.6	65.2	63.0	63.0	65.0	69.9	73.2	75.2	77.4	79.8	81.9	84.3	85.6	86.9	88.1	88.0	87.0	85.7	82.1	76.8	73.6	70.1	76.0	88.1	63.0
24	67.6	68.7	66.2	65.5	64.1	63.3	65.8	71.0	75.2	77.2	80.0	82.5	84.7	83.8	84.1	85.3	85.5	85.8	84.9	83.2	80.0	76.0	72.4	69.8	75.9	85.8	63.3
25	67.0	67.2	67.9	66.6	65.1	64.7	67.3	73.0	75.7	77.6	79.6	81.8	84.3	86.4	88.3	88.8	89.4	89.9	89.6	88.4	84.4	81.6	78.4	77.4	78.4	89.9	64.7
26	76.3	72.9	71.6	71.1	72.3	71.4	73.5	77.4	81.1	84.5	86.5	88.9	90.9	92.5	94.9	96.0	96.4	96.4	95.8	93.0	90.0	86.5	84.9	82.9	84.5	96.4	71.1
27	79.9	80.6	80.4	77.6	78.0	79.5	79.7	82.7	85.6	87.0	90.3	92.3	92.9	93.7	97.0	98.5	97.5	97.5	97.6	95.5	92.0	89.4	88.2	84.2	88.2	98.5	77.6
28	83.2	81.7	81.3	79.6	77.8	77.4	79.0	84.8	88.6	90.7	92.7	94.3	97.0	98.0	98.7	100.1	100.9	98.8	98.6	98.1	95.8	93.3	87.8	85.9	90.2	100.9	77.4
29	85.7	87.2	85.1	82.0	80.4	80.8	82.7	84.8	87.6	89.5	91.5	93.3	95.1	97.0	97.2	97.0	96.3	95.6	95.7	94.7	93.4	89.4	84.5	83.2	89.6	97.2	80.4
30	81.2	80.0	80.6	79.9	79.0	77.0	78.3	83.6	85.3	86.6	88.1	90.4	92.5	94.9	96.7	98.6	98.9	98.7	98.3	94.1	89.5	86.2	82.8	80.6	87.6	98.9	77.0
Avg	68.6	67.7	66.9	65.5	64.4	63.6	65.5	69.7	72.4	74.3	76.7	79.0	81.1	82.6	83.8	84.8	85.2	84.7	83.9	81.8	78.4	75.3	72.4	70.5	74.9	85.6	63.2
Max	85.7	87.2	85.1	82.0	80.4	80.8	82.7	84.8	88.6	90.7	92.7	94.3	97.0	98.0	98.7	100.1	100.9	98.8	98.6	98.1	95.8	93.3	88.2	85.9	90.2	100.9	80.4
Min	51.5	50.3	50.0	49.7	48.4	48.6	50.4	53.3	56.2	58.0	60.2	62.0	64.7	65.4	66.3	64.6	66.4	67.3	62.4	57.4	54.8	54.2	53.7	53.2	58.6	67.3	48.4

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
April 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	38.1	37.8	35.6	34.9	33.6	32.8	33.7	36.6	39.6	41.4	43.1	44.2	45.3	46.0	46.1	45.6	44.2	44.3	40.7	37.7	35.5	34.1	33.2	33.0	39.0	46.1	32.8
2	34.3	32.2	31.7	32.4	30.0	29.4	30.6	35.1	40.2	41.9	43.7	45.0	45.8	46.6	48.0	46.7	47.2	46.7	43.1	39.4	37.7	34.9	34.2	33.9	38.8	48.0	29.4
3	32.7	32.2	30.3	30.5	31.4	31.6	31.4	34.0	38.1	41.4	45.1	48.2	50.6	52.1	53.9	55.9	55.3	53.5	51.1	49.0	47.3	47.6	43.7	43.7	42.9	55.9	30.3
4	41.4	42.7	48.2	48.1	45.9	45.3	44.0	42.5	43.5	45.3	46.6	46.8	48.8	49.9	50.6	49.0	48.6	49.2	49.2	48.5	45.8	44.9	43.2	41.9	46.2	50.6	41.4
5	40.7	40.8	40.9	40.7	39.6	37.5	36.9	35.4	38.5	40.9	43.5	45.6	45.8	41.1	44.1	46.7	46.6	46.5	45.8	43.8	42.3	42.3	41.4	39.4	41.9	46.7	35.4
6	38.7	35.9	33.7	33.5	33.3	34.1	32.7	35.1	39.0	41.0	41.5	44.5	45.7	45.9	47.6	49.2	49.8	49.4	46.2	42.7	41.7	41.5	41.2	39.3	41.0	49.8	32.7
7	38.1	35.4	34.2	32.3	30.6	31.3	31.9	32.5	36.5	39.6	42.2	46.7	50.0	51.1	50.3	51.0	52.1	51.3	48.8	46.7	46.0	44.9	45.3	44.8	42.2	52.1	30.6
8	45.3	43.1	41.2	41.3	41.4	41.6	42.6	43.6	44.7	45.7	47.1	49.7	52.5	54.8	54.9	53.3	52.6	51.9	51.9	49.3	47.7	46.2	44.9	42.6	47.1	54.9	41.2
9	40.3	38.1	36.8	36.9	36.4	35.5	36.0	38.6	41.1	44.5	48.2	50.6	52.7	52.6	53.0	54.4	54.3	53.9	51.3	49.2	48.2	47.5	44.4	42.6	45.3	54.4	35.5
10	41.4	40.5	39.5	39.1	38.1	36.9	37.0	39.1	45.2	49.8	53.4	55.5	58.7	61.4	64.9	65.7	65.6	65.2	61.5	59.4	57.7	58.5	58.4	57.6	52.1	65.7	36.9
11	55.7	53.2	50.6	51.7	48.7	48.9	48.4	48.7	50.0	49.8	49.7	52.9	54.6	56.9	55.6	54.7	49.8	51.7	51.3	47.1	41.8	40.9	38.4	36.7	49.5	56.9	36.7
12	36.4	37.9	36.6	33.2	31.4	30.3	29.2	35.3	39.0	41.7	43.7	45.6	47.7	50.0	53.1	54.6	56.2	54.8	50.3	47.0	43.4	41.8	40.7	38.3	42.4	56.2	29.2
13	35.7	36.6	35.4	35.6	34.8	34.0	33.5	37.4	42.5	46.3	50.7	56.1	60.3	63.9	68.7	71.5	69.8	66.4	62.4	59.1	57.9	61.0	61.4	59.1	51.7	71.5	33.5
14	55.2	53.1	48.7	41.5	39.4	38.1	37.2	38.3	39.6	42.2	43.1	44.6	46.0	45.0	45.1	44.8	44.4	43.9	42.9	39.2	37.1	34.9	32.6	30.6	42.0	55.2	30.6
15	30.5	30.4	30.6	30.8	30.0	29.8	30.5	36.9	39.3	41.0	43.7	46.2	48.4	50.3	51.3	52.1	52.2	51.8	49.8	47.1	43.7	40.3	38.7	38.2	41.0	52.2	29.8
16	36.4	34.2	34.8	33.6	33.0	31.2	31.7	38.9	41.5	45.7	49.5	52.1	54.6	57.2	58.3	59.7	60.8	61.2	58.8	53.0	50.8	49.1	48.1	49.0	46.8	61.2	31.2
17	46.8	46.2	45.1	42.7	44.2	43.5	43.3	46.4	50.0	53.7	58.1	61.6	64.2	66.9	69.1	70.0	70.3	69.4	67.0	60.4	58.0	54.8	54.4	52.3	55.8	70.3	42.7
18	55.1	52.9	50.7	51.4	49.9	48.2	50.6	55.5	56.0	58.2	60.3	61.9	63.6	65.8	66.9	67.4	67.4	66.3	64.0	60.2	56.6	55.0	52.4	52.6	57.9	67.4	48.2
19	48.4	45.9	44.7	45.0	45.8	42.5	42.5	48.2	53.8	57.0	58.8	60.8	62.3	63.7	64.1	64.9	65.6	65.6	63.1	57.2	55.1	53.0	51.4	49.9	54.6	65.6	42.5
20	50.0	48.2	46.5	46.1	44.3	43.9	44.6	48.3	52.7	57.1	60.3	63.4	65.4	67.0	68.7	69.3	69.2	68.5	66.5	61.8	57.0	55.0	54.4	53.0	56.7	69.3	43.9
21	51.0	50.1	50.7	49.5	46.3	49.6	49.5	52.7	55.0	59.7	63.7	66.6	68.6	69.9	71.3	72.3	72.8	71.6	68.4	64.8	61.2	57.5	57.3	52.4	59.7	72.8	46.3
22	57.1	57.3	53.4	51.5	49.1	48.0	47.5	52.3	54.8	57.5	59.2	61.2	62.0	62.7	62.2	63.6	64.9	63.9	60.5	54.7	51.0	49.8	49.7	48.0	55.9	64.9	47.5
23	43.3	41.2	40.3	36.2	37.3	35.7	40.4	43.9	47.5	52.5	55.7	58.0	61.1	63.2	64.8	66.1	64.7	62.8	60.9	58.1	56.8	55.3	54.4	52.5	52.2	66.1	35.7
24	50.4	48.6	47.0	46.3	46.1	45.3	45.7	46.0	46.8	47.9	48.2	49.4	51.2	51.4	52.8	54.2	54.0	53.5	49.4	45.4	45.0	43.8	43.0	44.8	48.2	54.2	43.0
25	43.0	41.0	39.2	38.3	38.6	36.9	38.3	43.2	47.1	49.2	50.8	51.7	53.1	53.6	54.0	53.5	51.3	45.7	45.4	41.3	41.4	41.9	40.6	40.5	45.0	54.0	36.9
26	41.0	39.6	38.6	37.8	38.3	38.2	39.5	42.8	45.2	47.0	48.7	50.9	52.5	54.3	56.1	57.2	57.6	57.5	55.9	51.2	47.4	46.0	44.6	43.3	47.1	57.6	37.8
27	42.4	41.1	40.3	40.8	39.3	38.9	39.4	45.5	48.4	52.5	55.8	58.2	60.4	62.4	64.3	65.5	65.2	64.7	62.9	57.2	53.5	51.5	49.8	47.9	52.0	65.5	38.9
28	46.1	48.3	45.3	42.6	42.2	41.1	43.4	47.9	53.0	56.2	60.0	63.9	67.2	70.4	72.9	74.0	74.6	74.3	72.2	67.8	64.0	61.2	59.4	56.3	58.5	74.6	41.1
29	55.3	53.6	52.2	51.4	52.1	51.2	50.7	54.3	55.7	58.6	62.3	64.5	64.6	66.8	67.0	68.1	67.8	64.7	60.7	57.4	54.6	52.7	50.4	48.3	57.7	68.1	48.3
30	47.5	46.5	45.3	44.9	44.4	42.6	40.9	47.0	50.5	52.5	54.7	56.9	59.2	61.6	63.3	64.6	65.4	65.6	63.5	57.3	54.3	51.9	51.0	49.5	53.4	65.6	40.9
Avg	43.9	42.8	41.6	40.7	39.9	39.1	39.5	42.7	45.8	48.6	51.0	53.4	55.4	56.8	58.1	58.9	58.7	57.9	55.5	51.8	49.4	48.0	46.8	45.4	48.8	59.8	37.7
Max	57.1	57.3	53.4	51.7	52.1	51.2	50.7	55.5	56.0	59.7	63.7	66.6	68.6	70.4	72.9	74.0	74.6	74.3	72.2	67.8	64.0	61.2	61.4	59.1	59.7	74.6	48.3
Min	30.5	30.4	30.3	30.5	30.0	29.4	29.2	32.5	36.5	39.6	41.5	44.2	45.3	41.1	44.1	44.8	44.2	43.9	40.7	37.7	35.5	34.1	32.6	30.6	38.8	46.1	29.2

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
May 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	50.1	47.9	46.9	46.4	45.3	46.0	47.1	50.2	54.6	58.9	63.0	66.2	68.7	70.8	72.5	73.9	74.9	70.9	68.6	65.1	60.2	56.7	55.5	53.1	58.9	74.9	45.3
2	51.3	51.3	50.4	50.1	49.3	48.7	49.0	55.4	58.9	63.8	67.1	68.7	71.9	73.5	75.5	75.3	74.4	72.5	70.2	65.9	60.9	57.4	55.1	53.8	61.3	75.5	48.7
3	53.0	52.6	53.0	51.1	48.1	47.2	46.5	53.0	57.0	61.9	64.4	66.8	69.6	71.6	73.2	74.0	73.5	72.2	70.8	64.9	60.5	59.2	57.2	56.2	60.7	74.0	46.5
4	55.1	53.7	53.4	52.2	52.1	50.2	49.6	55.9	62.2	65.6	68.6	72.2	74.3	76.2	77.6	77.1	76.1	77.0	75.4	71.3	70.9	66.3	65.9	62.0	65.0	77.6	49.6
5	61.7	57.7	53.6	52.6	51.3	53.4	52.4	56.1	58.2	59.5	60.5	62.3	63.9	65.2	65.8	66.5	65.4	63.5	60.5	57.2	54.1	51.0	47.5	42.6	57.6	66.5	42.6
6	43.5	42.7	42.9	42.9	42.6	42.1	43.8	45.4	48.0	50.9	53.0	55.0	55.5	55.6	57.2	58.2	57.9	56.2	53.0	48.8	46.1	44.6	43.4	42.5	48.8	58.2	42.1
7	41.6	42.0	42.3	42.1	42.2	42.8	43.6	44.9	46.1	47.7	48.8	50.4	48.6	48.1	47.4	46.5	48.1	49.2	48.5	47.7	47.5	47.0	46.0	46.3	46.1	50.4	41.6
8	44.7	45.7	45.7	44.1	44.5	44.0	45.2	49.7	54.9	58.4	60.9	63.4	65.7	67.4	68.9	69.5	69.3	68.1	66.1	64.5	61.2	57.0	56.0	55.1	57.1	69.5	44.0
9	53.6	53.1	53.2	52.4	51.8	49.7	51.9	57.0	59.6	61.9	64.4	66.4	68.0	70.3	71.2	71.7	71.8	70.6	68.4	65.1	59.1	54.9	57.2	54.4	60.7	71.8	49.7
10	52.0	50.0	47.8	46.6	45.4	44.3	47.0	54.0	58.0	58.8	61.1	63.9	65.8	67.4	69.1	69.1	69.1	68.0	65.9	62.9	59.3	57.4	56.1	54.9	58.1	69.1	44.3
11	53.5	51.5	52.4	50.9	49.7	49.1	49.7	51.6	55.2	58.3	60.7	Au	Au	Au	67.7	68.6	67.4	62.7	61.3	59.0	55.1	52.3	49.0	47.6	55.9	68.6	47.6
12	47.7	47.9	48.4	46.6	45.4	43.3	45.6	52.0	52.6	54.1	57.3	60.3	63.5	65.4	65.3	63.0	62.7	60.1	55.9	49.5	45.2	45.3	43.8	43.3	52.7	65.4	43.3
13	43.4	41.6	40.6	41.3	42.8	42.4	43.6	45.3	47.7	50.0	51.7	53.1	54.9	56.9	59.0	60.3	60.1	59.6	58.1	55.7	51.6	49.0	47.7	46.8	50.1	60.3	40.6
14	44.3	45.2	45.8	47.4	45.7	43.3	45.7	50.5	55.2	57.1	59.2	60.5	63.2	65.1	65.6	67.0	66.2	62.7	60.0	57.8	56.9	54.1	51.6	51.0	55.0	67.0	43.3
15	51.0	50.6	50.6	50.1	49.4	49.4	48.7	48.2	47.9	48.3	48.3	49.2	50.7	51.7	52.7	54.2	55.0	53.7	53.0	51.7	51.5	51.3	51.1	49.8	50.8	55.0	47.9
16	49.2	50.2	50.8	51.3	50.6	50.3	50.1	50.0	50.7	52.0	53.8	55.9	57.9	58.5	60.0	59.1	59.4	60.7	61.1	58.7	56.9	56.3	56.3	54.6	54.8	61.1	49.2
17	55.2	54.0	51.8	50.0	49.9	48.0	51.2	54.8	58.2	60.6	62.8	64.5	66.0	60.4	62.8	64.0	63.4	61.9	60.5	56.5	53.1	51.9	50.9	49.7	56.8	66.0	48.0
18	49.0	48.1	47.2	48.1	47.2	48.9	49.3	51.2	52.6	53.2	55.4	58.3	59.9	60.3	60.0	58.0	55.2	56.2	59.0	57.0	56.3	55.9	55.9	54.9	54.0	60.3	47.2
19	54.1	52.3	52.3	52.2	51.1	50.7	51.3	52.4	53.7	55.7	56.5	58.2	61.4	63.1	65.1	66.4	65.9	61.9	59.4	53.1	52.5	52.4	51.7	52.4	56.1	66.4	50.7
20	52.6	52.2	52.3	52.3	52.4	52.3	52.5	53.5	54.6	56.2	57.6	60.4	63.4	64.1	64.9	65.3	65.5	62.8	59.6	55.7	56.0	55.3	55.1	54.0	57.1	65.5	52.2
21	53.9	53.4	52.3	50.6	50.1	50.6	51.1	52.0	53.9	58.8	61.0	62.9	63.9	64.1	66.4	69.0	67.7	66.0	63.9	62.3	60.6	59.0	58.6	55.1	58.6	69.0	50.1
22	54.8	52.4	52.6	52.1	51.6	52.0	53.0	54.1	56.3	58.9	61.2	64.2	67.6	66.6	64.8	65.7	65.0	64.6	62.8	61.1	57.8	56.9	57.1	56.0	58.7	67.6	51.6
23	54.3	53.5	52.1	51.5	53.4	53.1	55.3	58.3	61.4	63.4	66.1	67.5	69.7	71.3	73.5	75.1	75.0	74.3	72.0	69.2	65.4	64.3	62.7	61.2	63.5	75.1	51.5
24	60.0	59.4	56.8	56.5	56.2	52.8	56.5	61.3	63.3	65.9	68.7	70.9	71.8	72.3	74.4	75.5	74.9	74.8	73.5	69.5	66.0	63.8	61.5	60.1	65.3	75.5	52.8
25	58.7	58.6	56.5	54.5	54.3	53.4	55.9	60.2	64.3	66.7	68.9	68.5	67.3	67.8	70.0	71.3	71.8	69.7	66.5	64.4	62.6	56.4	56.2	55.3	62.5	71.8	53.4
26	52.9	51.7	51.3	49.9	48.9	49.8	52.6	58.2	62.0	63.6	66.2	68.1	66.3	67.1	68.5	71.3	72.0	71.7	71.9	67.7	61.6	59.4	55.9	55.0	61.0	72.0	48.9
27	55.3	53.7	53.3	53.5	52.9	51.2	54.6	59.5	62.1	64.1	66.4	67.7	69.3	70.3	70.8	70.0	62.5	60.6	64.8	63.4	58.5	57.5	55.2	54.0	60.5	70.8	51.2
28	51.9	52.8	51.6	50.3	49.3	49.3	52.7	57.7	63.0	65.5	66.7	69.0	70.6	72.3	74.0	74.8	75.1	75.3	74.8	71.6	65.7	63.3	61.7	59.0	63.2	75.3	49.3
29	59.1	59.1	57.0	54.2	54.1	55.7	57.8	62.2	66.1	70.2	73.5	76.1	77.6	79.4	80.7	80.7	80.9	80.7	78.8	76.5	74.5	73.7	71.1	71.2	69.6	80.9	54.1
30	69.0	67.3	65.3	63.5	65.4	63.5	63.9	65.9	69.5	70.9	71.8	72.6	74.0	76.5	77.4	78.0	78.9	78.7	75.6	71.9	62.3	60.3	58.7	59.0	69.2	78.9	58.7
31	58.9	57.1	57.4	56.9	57.2	56.7	59.2	63.3	68.1	72.0	74.6	76.6	79.6	81.2	85.2	84.2	84.3	86.2	81.0	77.4	71.7	70.1	68.1	65.4	70.5	86.2	56.7
Avg	52.8	51.9	51.2	50.5	50.0	49.5	50.9	54.3	57.3	59.8	61.9	64.0	65.7	66.7	68.0	68.5	68.0	66.9	65.2	62.0	58.8	56.8	55.5	54.1	58.7	69.2	48.5
Max	69.0	67.3	65.3	63.5	65.4	63.5	63.9	65.9	69.5	72.0	74.6	76.6	79.6	81.2	85.2	84.2	84.3	86.2	81.0	77.4	74.5	73.7	71.1	71.2	70.5	86.2	58.7
Min	41.6	41.6	40.6	41.3	42.2	42.1	43.6	44.9	46.1	47.7	48.3	49.2	48.6	48.1	47.4	46.5	48.1	49.2	48.5	47.7	45.2	44.6	43.4	42.5	46.1	50.4	40.6

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
June 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	65.3	67.7	70.5	70.2	66.6	62.7	61.6	64.3	65.1	65.3	69.1	73.6	77.1	77.9	75.6	77.3	77.3	78.2	76.1	73.7	70.4	68.6	65.6	64.1	70.2	78.2	61.6
2	61.2	58.6	56.8	55.8	55.2	55.7	57.0	58.9	59.8	61.9	63.9	66.2	68.1	66.4	67.6	65.6	67.6	68.0	63.1	56.9	54.2	53.2	52.3	51.9	60.2	68.1	51.9
3	49.9	48.9	48.7	47.5	46.7	47.3	49.7	53.8	57.0	59.7	62.0	63.6	66.7	67.6	69.0	70.1	71.5	68.8	68.5	65.5	61.5	58.5	54.4	52.3	58.7	71.5	46.7
4	51.0	50.7	50.1	49.8	49.3	49.7	54.1	59.2	61.6	64.2	66.4	68.5	70.7	72.2	72.3	72.0	72.5	72.5	71.9	69.9	67.7	64.8	63.2	62.6	62.8	72.5	49.3
5	61.7	62.4	61.7	58.9	58.1	58.6	60.3	63.1	65.1	67.1	69.7	71.7	74.3	75.8	77.7	79.2	79.7	80.4	79.4	76.9	72.4	69.0	65.2	62.8	68.8	80.4	58.1
6	61.4	59.7	60.9	58.8	58.0	56.8	62.2	69.4	72.3	74.5	76.9	79.5	81.7	83.6	84.0	85.3	85.2	84.9	83.5	80.7	77.0	71.9	71.0	67.5	72.8	85.3	56.8
7	66.9	66.7	65.0	60.6	60.1	58.8	63.8	70.4	73.4	75.5	78.1	80.7	82.5	84.2	84.9	86.6	87.4	86.8	85.2	83.1	76.3	72.9	72.5	71.6	74.8	87.4	58.8
8	69.0	67.2	68.0	67.1	63.4	66.7	70.0	73.2	77.3	81.7	85.0	88.1	90.4	92.2	93.6	93.6	93.6	93.2	91.7	88.3	83.7	78.6	75.3	73.6	80.2	93.6	63.4
9	74.4	73.0	70.7	69.3	68.4	66.8	70.1	78.0	82.8	84.2	87.3	91.0	93.7	94.2	91.1	91.6	93.4	91.5	88.3	85.5	82.2	80.3	78.2	77.7	81.8	94.2	66.8
10	76.0	74.8	73.7	71.3	69.9	68.8	68.9	72.9	77.9	80.7	82.4	84.4	85.0	86.7	88.8	90.1	89.0	88.5	86.9	83.1	78.4	72.8	70.0	72.0	78.9	90.1	68.8
11	70.4	69.2	68.6	67.4	65.2	63.4	68.5	73.5	75.9	78.0	80.3	82.9	84.4	86.7	88.2	88.3	89.2	89.2	87.7	84.1	79.1	74.3	74.0	72.0	77.5	89.2	63.4
12	69.6	70.2	69.3	64.7	62.8	60.6	65.1	71.2	72.9	75.0	76.8	79.2	81.1	82.8	84.0	85.4	86.0	84.7	82.4	78.9	72.3	68.9	62.9	60.2	73.6	86.0	60.2
13	58.4	55.9	53.1	52.6	50.9	50.2	55.9	63.3	66.5	68.0	72.0	74.1	76.2	77.6	80.0	81.5	81.3	79.7	77.1	74.1	69.8	66.5	60.3	56.7	66.7	81.5	50.2
14	54.8	54.7	52.5	51.8	50.8	50.3	55.4	62.2	64.5	66.7	68.9	71.4	73.8	75.3	77.3	79.5	79.7	79.8	78.2	76.9	71.6	67.5	65.2	62.9	66.3	79.8	50.3
15	60.6	60.1	59.9	59.1	57.4	55.7	60.4	67.8	70.8	74.0	77.3	79.3	81.9	83.7	83.7	84.5	85.5	86.5	85.1	82.0	77.1	76.3	74.6	72.2	73.1	86.5	55.7
16	67.6	66.9	64.2	64.0	62.8	63.1	68.2	72.6	75.9	77.5	79.7	81.6	84.2	84.9	87.0	87.8	87.8	87.6	85.9	82.9	78.4	75.2	72.0	68.2	76.1	87.8	62.8
17	66.6	65.8	65.0	63.8	62.7	62.5	67.6	72.1	75.3	78.4	82.4	85.3	86.8	88.6	89.6	90.1	88.9	89.2	87.8	85.2	80.3	74.9	69.8	68.4	77.0	90.1	62.5
18	66.9	65.7	64.3	65.0	64.1	62.6	65.3	72.6	76.2	78.7	81.4	84.0	86.1	86.8	88.6	90.6	90.7	89.5	88.9	86.1	80.9	75.5	72.1	69.5	77.2	90.7	62.6
19	68.5	70.5	68.8	67.8	64.8	62.8	66.6	70.5	72.2	73.3	76.1	78.4	79.9	81.4	82.9	82.9	83.4	82.9	81.9	77.3	71.4	68.0	64.0	61.0	73.2	83.4	61.0
20	58.7	58.0	57.4	56.5	55.7	54.2	57.0	62.3	67.9	69.9	72.7	76.2	77.9	79.9	80.8	82.3	82.8	81.6	80.5	78.3	75.4	71.0	68.2	66.5	69.7	82.8	54.2
21	65.3	64.9	64.5	63.3	63.0	62.8	64.1	69.4	71.7	72.2	74.1	77.1	81.7	84.4	85.0	87.2	86.2	76.2	75.5	71.0	68.2	64.8	61.1	61.1	71.5	87.2	61.1
22	59.9	58.9	58.3	56.9	56.7	55.9	60.2	65.5	69.2	72.1	75.3	78.2	79.7	81.9	81.7	82.6	82.9	83.3	81.9	79.8	75.0	72.6	69.7	68.6	71.1	83.3	55.9
23	67.0	62.3	64.4	63.0	61.7	61.2	64.4	70.9	74.8	76.9	79.2	81.8	84.0	86.2	87.6	88.6	89.6	89.2	87.6	85.7	81.5	75.9	70.8	68.1	75.9	89.6	61.2
24	66.5	65.1	64.2	64.6	62.5	61.7	65.4	71.8	76.5	79.1	82.1	84.7	87.3	85.6	85.7	87.4	87.3	87.5	85.8	82.9	79.0	75.2	70.0	67.8	76.1	87.5	61.7
25	66.2	66.0	66.8	65.3	63.9	63.4	67.8	74.3	77.6	80.0	82.0	84.0	86.5	88.6	90.8	91.1	91.7	91.7	90.7	88.3	82.1	78.4	76.0	75.5	78.7	91.7	63.4
26	74.3	70.9	69.5	68.9	70.0	69.4	73.6	78.4	82.2	86.1	88.5	91.1	93.0	94.7	97.2	98.1	98.5	98.0	96.7	92.7	86.6	84.4	82.3	80.4	84.4	98.5	68.9
27	78.1	77.9	78.4	75.8	75.4	77.4	78.6	83.0	86.9	88.5	92.2	94.5	94.5	95.7	99.1	100.5	98.7	98.3	98.1	94.5	88.7	87.5	86.1	82.5	88.0	100.5	75.4
28	80.9	79.5	78.1	76.9	75.5	75.3	78.5	85.9	90.2	92.6	94.7	96.9	99.5	100.5	100.5	102.2	102.2	99.0	98.8	97.9	95.0	92.4	87.4	85.5	90.2	102.2	75.3
29	85.7	87.2	84.8	81.1	78.8	79.8	83.0	84.9	88.4	90.7	93.3	95.1	97.2	99.2	99.0	98.4	97.4	96.2	96.1	94.7	91.1	87.7	83.5	81.3	89.8	99.2	78.8
30	79.7	78.8	80.2	79.3	78.4	76.4	78.6	84.7	87.0	88.7	90.4	92.9	94.8	97.3	98.8	100.5	100.7	100.2	99.2	94.3	89.3	85.7	81.2	78.3	88.1	100.7	76.4
Avg	66.8	65.9	65.3	63.9	62.6	62.0	65.4	70.7	73.8	76.0	78.7	81.2	83.4	84.8	85.7	86.7	86.9	86.1	84.7	81.7	77.2	73.8	70.6	68.8	75.1	87.3	61.4
Max	85.7	87.2	84.8	81.1	78.8	79.8	83.0	85.9	90.2	92.6	94.7	96.9	99.5	100.5	100.5	102.2	102.2	100.2	99.2	97.9	95.0	92.4	87.4	85.5	90.2	102.2	78.8
Min	49.9	48.9	48.7	47.5	46.7	47.3	49.7	53.8	57.0	59.7	62.0	63.6	66.7	66.4	67.6	65.6	67.6	68.0	63.1	56.9	54.2	53.2	52.3	51.9	58.7	68.1	46.7

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
April 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.59	0.47	1.43	1.55	1.36	1.10	0.47	-0.24	-0.70	-0.93	-1.35	-1.45	-1.36	-1.19	-1.27	-1.06	-0.89	-0.43	0.22	1.62	1.45	1.50	1.29	0.94	0.13	1.62	-1.45
2	0.95	1.61	0.95	1.63	2.14	1.78	1.26	0.01	-0.88	-1.38	-1.75	-1.55	-1.23	-1.17	-1.31	-0.69	-0.80	-0.62	0.27	1.69	1.12	1.96	1.91	1.99	0.33	2.14	-1.75
3	1.99	1.72	1.73	2.19	1.80	1.10	0.98	-0.14	-0.90	-1.24	-1.45	-1.72	-1.77	-1.73	-1.33	-1.63	-1.03	-0.35	0.31	0.77	1.01	1.00	1.99	1.02	0.18	2.19	-1.77
4	1.51	1.28	0.44	0.20	0.53	0.40	0.50	0.44	-0.05	-0.52	-1.21	-1.84	-1.70	-1.50	-1.28	-0.83	-0.78	-0.47	-0.04	0.16	0.40	0.97	0.67	0.41	-0.10	1.51	-1.84
5	0.81	0.70	0.56	0.14	0.05	0.02	0.02	-0.36	-0.75	-0.87	-0.62	-0.81	-0.66	0.22	-0.67	-0.85	-0.49	-0.38	0.12	0.17	0.63	0.33	0.30	0.54	-0.08	0.81	-0.87
6	0.37	0.60	0.80	0.66	0.85	0.64	0.62	-0.11	-0.62	-0.92	-0.81	-1.32	-1.19	-0.76	-0.81	-1.07	-0.88	-0.39	0.29	1.08	1.04	1.09	1.60	3.34	0.17	3.34	-1.32
7	2.21	1.13	0.80	0.83	1.20	1.20	1.06	0.58	-0.51	-0.66	-0.62	-1.06	-1.22	-1.36	-1.16	-1.00	-0.98	-0.56	0.29	0.80	0.58	0.52	0.51	0.56	0.13	2.21	-1.36
8	0.36	0.29	0.38	0.34	0.47	0.34	0.39	0.34	-0.01	-0.17	-0.23	-0.50	-0.88	-1.21	-0.78	0.00	0.03	0.09	0.24	0.51	0.48	0.43	0.41	0.90	0.09	0.90	-1.21
9	1.30	1.63	2.00	1.94	1.76	1.47	1.06	-0.29	-0.71	-0.87	-1.26	-1.36	-1.73	-1.66	-0.90	-1.02	-0.73	-0.28	0.87	1.05	1.36	1.57	2.93	2.44	0.44	2.93	-1.73
10	2.56	2.45	1.54	1.35	2.09	2.49	2.47	0.13	-0.57	-0.93	-1.34	-1.17	-1.10	-1.35	-1.71	-1.26	-0.89	-0.36	0.34	0.73	1.97	1.54	0.83	0.65	0.44	2.56	-1.71
11	0.62	0.78	1.09	0.35	0.62	0.63	0.66	0.44	0.18	-0.07	-0.30	-0.65	-0.54	-0.97	-0.65	-0.81	-0.37	-0.25	0.29	0.81	1.96	1.44	3.17	3.36	0.49	3.36	-0.97
12	3.31	1.67	1.61	1.35	1.41	1.79	1.94	-0.25	-0.75	-1.08	-1.24	-1.44	-1.48	-1.58	-1.95	-1.83	-1.42	-0.73	-0.08	0.60	2.26	3.20	3.32	1.85	0.44	3.32	-1.95
13	1.72	1.09	1.70	1.60	1.52	0.95	0.57	-0.51	-0.93	-1.19	-1.27	-1.39	-1.00	-0.94	-1.42	-0.76	-0.12	0.15	0.47	1.68	2.79	2.60	1.03	0.45	0.37	2.79	-1.42
14	0.84	0.50	0.31	0.02	-0.01	0.10	0.02	-0.48	-0.79	-1.61	-1.70	-2.05	-1.95	-1.23	-1.25	-1.11	-0.93	-0.38	-0.06	0.31	0.37	0.80	1.17	2.22	-0.29	2.22	-2.05
15	1.87	1.33	2.15	2.01	1.49	2.49	1.52	-0.55	-1.22	-1.81	-1.89	-2.05	-2.30	-2.45	-2.25	-2.02	-1.49	-0.85	0.01	0.63	1.18	1.87	2.14	1.86	0.07	2.49	-2.45
16	2.56	1.85	1.29	2.01	1.96	2.53	2.93	-0.51	-1.08	-1.11	-1.28	-1.36	-1.38	-1.55	-1.44	-1.45	-1.28	-0.74	1.24	3.76	2.02	2.08	2.08	2.00	0.63	3.76	-1.55
17	2.58	2.38	1.97	3.03	1.88	1.99	0.97	-0.45	-1.10	-1.55	-1.73	-1.42	-1.17	-1.28	-1.48	-1.31	-1.10	-0.68	0.27	2.64	2.16	2.18	2.70	3.11	0.61	3.11	-1.73
18	1.08	1.65	1.61	1.66	0.95	2.30	1.52	-0.09	-0.59	-1.13	-1.48	-1.63	-1.87	-1.94	-1.86	-1.68	-1.18	-0.56	0.27	0.89	1.26	1.32	2.05	2.12	0.19	2.30	-1.94
19	3.01	2.13	2.80	1.91	1.92	2.09	1.35	0.04	-0.76	-1.25	-1.39	-1.72	-1.59	-1.53	-1.20	-1.11	-0.89	-0.67	0.83	3.51	2.73	1.92	2.01	1.81	0.66	3.51	-1.72
20	3.04	3.72	3.91	2.52	2.28	2.41	1.96	-0.34	-0.99	-1.18	-1.12	-1.21	-1.23	-1.38	-1.26	-1.27	-1.17	-0.71	0.21	1.67	3.47	2.42	1.75	2.19	0.82	3.91	-1.38
21	2.36	3.57	1.60	1.85	3.72	1.93	1.92	-0.25	-1.06	-1.15	-1.11	-1.32	-1.42	-1.27	-1.34	-1.27	-1.09	-0.59	0.46	1.29	2.88	2.38	2.09	1.81	0.67	3.72	-1.42
22	0.96	0.68	2.22	1.58	1.70	1.58	1.43	-0.44	-0.99	-1.46	-1.61	-1.71	-1.60	-1.58	-1.25	-1.29	-1.16	-1.00	-0.04	1.38	1.61	1.32	0.58	0.66	0.07	2.22	-1.71
23	1.49	2.73	1.97	2.14	3.98	2.48	0.77	-0.58	-1.17	-1.32	-1.14	-1.33	-1.56	-1.38	-1.29	-1.19	-0.92	-0.48	-0.03	0.57	0.55	0.29	0.01	0.12	0.20	3.98	-1.56
24	0.11	0.29	0.40	0.37	0.57	0.42	0.40	-0.02	-0.50	-1.08	-1.41	-1.34	-1.45	-0.88	-0.86	-0.82	-0.50	-0.38	0.35	0.60	0.41	0.59	0.61	0.47	-0.15	0.61	-1.45
25	1.01	0.97	1.55	1.74	1.37	1.26	0.91	-0.70	-1.13	-1.64	-2.04	-1.69	-1.66	-1.52	-1.63	-1.26	-1.35	-0.33	-0.18	-0.04	0.57	0.33	0.61	0.67	-0.17	1.74	-2.04
26	0.59	0.67	0.74	0.80	0.65	0.65	0.23	-0.62	-1.27	-1.75	-2.10	-2.08	-2.11	-2.19	-1.82	-1.65	-1.33	-1.05	-0.23	1.50	2.21	1.34	1.69	1.89	-0.22	2.21	-2.19
27	1.59	2.38	2.03	1.33	1.32	1.56	0.60	-0.73	-1.12	-1.20	-1.45	-1.67	-1.59	-1.53	-1.55	-1.72	-1.41	-1.00	-0.12	2.77	1.81	1.70	2.67	3.18	0.33	3.18	-1.72
28	3.32	3.23	2.59	3.58	1.81	2.59	0.74	-0.92	-1.20	-1.28	-1.46	-1.47	-1.59	-1.86	-1.87	-1.69	-1.36	-0.87	0.08	1.25	2.06	2.03	3.48	2.68	0.58	3.58	-1.87
29	2.27	2.40	2.99	2.29	1.87	1.76	1.11	-0.25	-0.99	-1.44	-1.53	-1.82	-1.46	-1.61	-1.19	-1.23	-1.26	-0.48	-0.17	0.04	0.10	0.33	0.38	0.52	0.11	2.99	-1.82
30	0.46	0.55	0.52	0.59	0.66	0.85	0.51	-0.54	-1.26	-1.80	-1.98	-1.82	-1.78	-1.72	-1.70	-1.68	-1.43	-1.06	0.11	2.92	2.49	3.07	2.89	2.42	0.05	3.07	-1.98
Avg	1.58	1.55	1.52	1.45	1.46	1.43	1.03	-0.25	-0.81	-1.15	-1.33	-1.47	-1.45	-1.40	-1.35	-1.22	-0.97	-0.55	0.22	1.25	1.50	1.47	1.63	1.61	0.24	2.61	-1.66
Max	3.32	3.72	3.91	3.58	3.98	2.59	2.93	0.58	0.18	-0.07	-0.23	-0.50	-0.54	0.22	-0.65	0.00	0.03	0.15	1.24	3.76	3.47	3.20	3.48	3.36	0.82	3.98	-0.87
Min	0.11	0.29	0.31	0.02	-0.01	0.02	0.02	-0.92	-1.27	-1.81	-2.10	-2.08	-2.30	-2.45	-2.25	-2.02	-1.49	-1.06	-0.23	-0.04	0.10	0.29	0.01	0.12	-0.29	0.61	-2.45

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
May 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.94	3.23	3.24	2.56	2.73	1.38	0.47	-0.70	-1.27	-1.54	-1.46	-1.35	-1.64	-1.73	-1.53	-1.44	-1.55	-0.77	-0.16	1.12	3.28	3.03	2.40	2.92	0.55	3.28	-1.73
2	2.95	3.91	3.29	3.86	2.33	2.89	1.53	-0.52	-1.17	-1.14	-1.60	-1.31	-1.67	-1.75	-1.96	-1.62	-1.71	-0.98	0.01	1.26	1.35	2.86	2.08	2.01	0.62	3.91	-1.96
3	1.58	1.71	1.95	2.36	3.28	2.45	1.06	-0.62	-1.11	-1.74	-1.69	-1.88	-1.69	-1.99	-1.76	-1.68	-1.18	-0.65	-0.17	2.17	3.30	2.62	2.39	2.94	0.49	3.30	-1.99
4	2.51	3.84	2.43	1.47	1.54	1.93	1.25	-0.55	-1.13	-1.40	-1.49	-2.04	-2.00	-2.01	-1.94	-1.13	-0.63	-0.88	-0.09	1.32	0.67	1.73	0.89	1.12	0.23	3.84	-2.04
5	0.48	2.19	3.14	1.89	2.71	2.02	1.00	-0.70	-0.92	-1.56	-1.99	-2.09	-2.17	-2.33	-2.04	-2.10	-2.06	-1.31	-0.45	0.22	0.51	0.76	0.96	2.87	-0.04	3.14	-2.33
6	1.90	1.58	0.84	0.51	0.50	0.37	-0.14	-0.45	-1.30	-1.81	-2.06	-2.15	-1.98	-1.28	-1.44	-1.47	-1.15	-1.12	-0.30	0.03	0.28	0.17	0.23	0.27	-0.42	1.90	-2.15
7	0.30	0.17	0.09	0.06	0.09	0.15	-0.03	-0.20	-0.44	-0.71	-0.70	-0.80	-0.11	-0.31	-0.54	-0.45	-0.54	-0.42	-0.28	-0.09	0.14	0.81	1.26	1.35	-0.05	1.35	-0.80
8	2.24	2.18	2.11	1.77	1.67	1.05	0.81	-0.42	-1.25	-1.78	-2.13	-2.37	-2.62	-2.67	-2.59	-2.27	-1.82	-1.22	-0.06	0.41	0.74	1.13	0.92	0.73	-0.23	2.24	-2.67
9	0.71	0.73	0.68	0.67	0.73	1.19	0.66	-0.77	-1.58	-2.24	-2.50	-2.67	-2.81	-2.85	-2.61	-2.31	-1.77	-1.07	-0.19	0.63	2.14	2.80	0.92	1.18	-0.43	2.80	-2.85
10	2.17	2.13	2.67	3.25	2.60	2.90	1.37	-0.71	-1.58	-1.44	-1.72	-2.22	-2.21	-1.80	-1.89	-1.45	-1.40	-0.86	-0.24	0.69	2.77	2.04	1.60	1.55	0.34	3.25	-2.22
11	2.15	1.81	1.72	1.47	1.50	0.89	0.33	-0.32	-1.13	-0.97	-0.72	Au	Au	Au	-1.36	-1.16	-0.74	-0.71	-0.43	0.39	0.02	0.17	0.76	1.55	0.25	2.15	-1.36
12	1.25	1.25	1.69	1.56	1.71	1.26	0.57	-0.60	-0.80	-0.80	-1.36	-1.74	-2.17	-2.32	-1.87	-1.03	-0.99	-0.80	-0.64	-0.32	0.07	0.25	0.15	0.27	-0.23	1.71	-2.32
13	0.07	0.04	0.25	0.52	0.38	0.58	0.03	-0.70	-1.14	-1.62	-1.69	-1.46	-1.54	-1.55	-1.57	-1.45	-1.43	-1.17	-0.81	0.12	1.74	2.71	2.22	1.91	-0.23	2.71	-1.69
14	2.32	1.49	0.95	0.75	1.73	2.13	0.26	-0.59	-1.42	-1.72	-1.83	-1.64	-2.13	-2.14	-1.77	-1.91	-1.21	-0.34	-0.12	0.12	0.08	0.19	0.30	0.28	-0.26	2.32	-2.14
15	0.22	0.22	0.23	0.45	0.47	0.49	0.41	0.11	-0.16	-0.26	-0.26	-0.44	-0.58	-0.56	-0.47	-0.90	-1.03	-0.48	-0.21	-0.05	0.06	0.04	0.06	0.21	-0.10	0.49	-1.03
16	0.29	0.17	0.18	0.19	0.15	0.24	0.14	-0.02	-0.17	-0.52	-0.66	-0.83	-0.95	-0.98	-1.38	-0.58	-0.46	-0.78	-0.60	0.38	0.81	0.78	0.79	0.91	-0.12	0.91	-1.38
17	0.49	0.83	1.12	0.68	1.58	2.05	0.28	-0.29	-1.28	-1.72	-1.84	-1.86	-2.07	-0.23	-0.89	-1.33	-1.02	-0.71	-0.51	-0.18	0.29	0.83	0.48	1.04	-0.18	2.05	-2.07
18	0.59	0.68	0.54	0.58	0.89	0.43	0.20	-0.38	-0.46	-0.60	-1.01	-1.13	-1.22	-1.03	-0.62	-0.33	0.00	-0.22	-0.25	0.48	1.27	0.80	0.60	1.41	0.05	1.41	-1.22
19	1.15	1.42	0.94	0.95	1.00	0.66	0.39	-0.20	-0.39	-0.78	-0.65	-0.76	-1.30	-1.30	-1.17	-1.08	-0.73	0.11	0.07	0.19	0.06	0.08	0.12	-0.02	-0.05	1.42	-1.30
20	-0.02	-0.08	-0.09	-0.06	-0.03	0.00	-0.11	-0.33	-0.57	-0.55	-0.59	-1.01	-1.43	-1.39	-1.42	-1.45	-1.32	-0.26	-0.01	0.50	0.37	0.43	1.11	0.77	-0.31	1.11	-1.45
21	0.69	0.51	0.52	1.00	0.30	0.03	-0.18	-0.38	-0.73	-1.30	-1.42	-1.71	-1.20	-1.43	-1.56	-1.56	-0.99	-0.67	-0.20	0.15	0.45	0.84	0.51	0.61	-0.32	1.00	-1.71
22	0.83	1.37	1.80	1.67	1.93	0.98	0.23	-0.24	-0.88	-0.82	-0.93	-1.20	-1.46	-0.84	-0.85	-0.59	-0.77	-0.35	-0.11	0.06	0.75	1.04	0.57	0.80	0.12	1.93	-1.46
23	1.43	1.24	1.16	1.78	0.85	0.97	0.66	-0.09	-0.81	-1.51	-2.08	-1.79	-2.15	-2.03	-2.03	-2.04	-1.55	-1.17	-0.31	0.38	0.58	0.48	0.53	0.52	-0.29	1.78	-2.15
24	0.59	0.66	0.98	1.03	1.10	1.31	-0.58	-1.17	-1.62	-1.97	-2.43	-2.74	-2.40	-1.93	-2.08	-2.22	-1.54	-1.37	-0.72	0.70	2.02	1.21	2.14	2.02	-0.38	2.14	-2.74
25	1.09	1.14	2.33	1.38	0.92	1.67	0.13	-0.58	-0.99	-1.10	-1.40	-0.67	-0.91	-1.04	-2.21	-1.46	-1.33	-0.96	-0.55	-0.11	0.52	2.80	2.34	2.63	0.15	2.80	-2.21
26	1.36	2.45	1.54	1.61	1.81	1.04	0.32	-0.59	-1.10	-1.32	-1.71	-1.93	-0.71	-1.19	-1.58	-1.45	-1.11	-0.73	-0.73	0.33	1.15	1.65	2.91	2.13	0.17	2.91	-1.93
27	0.85	1.53	1.54	1.26	1.68	2.18	-0.15	-1.16	-1.58	-1.57	-1.85	-1.62	-1.64	-2.71	-1.63	-1.30	0.23	0.07	-0.76	1.05	2.20	1.23	1.76	1.71	0.05	2.20	-2.71
28	2.19	1.29	1.30	1.54	2.46	2.04	0.39	-0.73	-1.42	-1.87	-1.96	-2.04	-2.00	-2.12	-2.14	-1.92	-1.61	-1.37	-0.83	0.69	3.64	2.20	1.69	2.99	0.10	3.64	-2.14
29	2.28	1.80	2.57	2.74	2.04	2.59	0.64	-1.21	-1.45	-1.48	-1.66	-1.85	-1.75	-2.20	-2.35	-1.84	-1.50	-1.28	-0.34	0.46	0.96	1.02	1.99	0.60	0.03	2.74	-2.35
30	1.09	0.87	0.66	0.67	0.50	0.48	-0.05	-0.75	-1.49	-1.78	-1.60	-1.21	-1.42	-1.69	-1.30	-1.52	-2.01	-2.01	-0.60	0.35	1.28	1.02	1.38	1.89	-0.30	1.89	-2.01
31	1.48	1.85	2.50	2.37	1.97	2.14	0.42	-0.41	-0.90	-1.18	-1.42	-1.64	-1.84	-1.50	-2.21	-1.37	-1.27	-0.30	-0.40	0.78	1.36	2.05	2.65	2.03	0.30	2.65	-2.21
Avg	1.26	1.43	1.45	1.37	1.39	1.31	0.40	-0.52	-1.04	-1.32	-1.50	-1.61	-1.66	-1.63	-1.64	-1.43	-1.17	-0.80	-0.35	0.46	1.12	1.28	1.25	1.39	-0.02	2.29	-1.95
Max	2.95	3.91	3.29	3.86	3.28	2.90	1.53	0.11	-0.16	-0.26	-0.26	-0.44	-0.11	-0.23	-0.47	-0.33	0.23	0.11	0.07	2.17	3.64	3.03	2.91	2.99	0.62	3.91	-0.80
Min	-0.02	-0.08	-0.09	-0.06	-0.03	0.00	-0.58	-1.21	-1.62	-2.24	-2.50	-2.74	-2.81	-2.85	-2.61	-2.31	-2.06	-2.01	-0.83	-0.32	0.02	0.04	0.06	-0.02	-0.43	0.49	-2.85

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
June 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.83	1.17	0.37	1.07	0.65	0.29	0.02	-0.92	-1.16	-1.26	-1.77	-1.92	-2.29	-1.48	-0.78	-1.12	-1.79	-1.08	-0.53	0.07	0.33	0.13	0.21	0.03	-0.41	1.83	-2.29
2	0.15	0.35	0.66	0.43	0.31	0.09	-0.39	-0.79	-0.69	-0.86	-1.01	-1.45	-1.56	-0.96	-1.30	-1.04	-1.24	-0.71	-0.73	0.58	0.59	1.04	1.39	1.26	-0.24	1.39	-1.56
3	1.51	1.44	1.33	2.21	1.71	1.35	0.65	-0.52	-0.79	-1.76	-1.74	-1.62	-1.95	-1.76	-1.44	-1.52	-1.66	-1.00	-0.76	-0.07	0.39	0.80	1.19	1.35	-0.11	2.21	-1.95
4	1.59	1.09	1.28	1.24	1.67	1.08	-0.41	-1.10	-1.83	-2.43	-2.65	-2.79	-2.98	-2.69	-2.00	-1.44	-1.20	-0.96	-0.49	0.27	0.53	0.84	0.84	0.78	-0.49	1.67	-2.98
5	0.49	0.28	0.27	1.02	1.10	0.77	0.23	-0.75	-1.38	-1.89	-2.57	-2.92	-2.70	-2.51	-2.57	-2.35	-1.93	-1.77	-1.06	0.07	0.84	1.00	1.13	1.02	-0.67	1.13	-2.92
6	1.79	1.95	0.95	2.18	1.99	2.29	-0.59	-1.33	-1.91	-2.34	-2.50	-2.84	-2.95	-3.05	-2.55	-2.56	-2.11	-1.66	-0.72	0.22	0.69	1.46	1.12	2.58	-0.41	2.58	-3.05
7	1.51	2.01	2.17	2.48	2.34	2.20	-0.19	-1.27	-1.84	-2.01	-1.98	-2.28	-2.39	-2.41	-2.13	-2.20	-2.07	-1.41	-0.81	0.20	3.43	3.43	1.52	0.80	-0.04	3.43	-2.41
8	2.17	2.21	2.20	1.96	3.37	1.17	-0.32	-1.03	-1.31	-1.67	-1.70	-1.92	-2.19	-2.02	-2.35	-2.45	-1.83	-1.65	-0.91	0.39	1.70	3.04	3.00	3.31	0.13	3.37	-2.45
9	4.11	3.11	2.62	2.86	2.94	2.16	0.34	-0.91	-1.28	-1.86	-1.72	-2.14	-2.20	-2.22	-0.87	-1.10	-1.46	-1.53	-0.61	0.03	0.39	0.42	0.68	0.62	0.10	4.11	-2.22
10	0.11	0.17	0.17	0.32	0.62	0.97	0.35	-0.71	-1.79	-2.09	-1.88	-1.85	-1.68	-1.93	-2.14	-2.26	-2.00	-1.60	-0.82	0.02	0.63	2.08	2.36	0.75	-0.51	2.36	-2.26
11	0.76	0.69	0.59	0.64	1.20	1.60	-0.16	-1.00	-1.47	-2.07	-2.24	-2.38	-2.14	-2.61	-2.67	-2.34	-2.18	-1.63	-0.87	-0.02	0.52	0.96	0.61	1.05	-0.63	1.60	-2.67
12	1.75	0.87	1.02	1.68	2.32	1.40	-0.36	-1.12	-1.57	-2.07	-2.03	-2.31	-2.10	-2.27	-2.15	-2.42	-2.18	-1.68	-0.85	0.17	1.88	1.93	3.42	3.42	-0.14	3.42	-2.42
13	2.60	2.66	3.41	2.31	2.56	2.05	-0.04	-1.12	-1.78	-1.96	-2.58	-2.64	-2.79	-2.57	-2.63	-2.06	-1.72	-1.56	-1.02	-0.09	0.91	0.76	2.33	2.88	-0.09	3.41	-2.79
14	2.05	1.07	1.72	1.21	1.91	2.42	-0.25	-1.37	-1.88	-2.38	-2.35	-2.30	-2.36	-2.09	-2.09	-2.50	-2.23	-1.83	-1.11	-0.29	1.56	2.76	1.86	2.61	-0.24	2.76	-2.50
15	3.86	3.42	3.53	1.76	1.26	2.22	-0.01	-1.27	-1.94	-2.10	-2.50	-2.43	-2.40	-2.57	-2.06	-1.97	-1.65	-1.78	-0.87	0.08	0.34	0.50	1.10	1.72	-0.16	3.86	-2.57
16	1.85	1.53	1.65	1.43	1.96	1.08	-0.28	-1.10	-1.80	-2.24	-2.49	-2.05	-2.04	-1.99	-1.87	-1.87	-1.66	-1.22	-0.76	-0.24	0.93	2.04	2.16	2.96	-0.17	2.96	-2.49
17	3.73	3.88	3.31	3.29	2.00	2.26	-0.04	-0.95	-1.20	-1.32	-1.88	-1.99	-1.99	-2.17	-2.11	-1.76	-1.24	-1.36	-0.72	0.23	1.48	1.50	2.89	1.89	0.32	3.88	-2.17
18	3.08	3.04	3.17	1.61	1.68	2.61	1.11	-0.76	-1.24	-1.16	-1.26	-1.52	-1.58	-2.06	-1.90	-1.89	-1.62	-1.24	-0.87	0.17	0.95	1.47	1.85	1.67	0.22	3.17	-2.06
19	1.85	0.42	0.36	0.34	0.74	1.72	-0.27	-1.07	-1.56	-1.70	-1.98	-2.21	-2.08	-2.17	-2.24	-1.85	-1.77	-1.26	-0.74	-0.25	0.18	0.43	0.91	1.65	-0.52	1.85	-2.24
20	2.23	1.94	1.67	1.47	2.10	1.98	0.27	-0.54	-1.80	-1.82	-1.94	-2.17	-2.27	-2.54	-2.41	-2.29	-2.01	-1.46	-0.69	-0.12	0.90	2.20	2.44	2.14	-0.11	2.44	-2.54
21	1.17	2.03	2.19	2.43	2.30	1.52	0.60	-0.51	-0.77	-0.77	-1.12	-1.45	-2.00	-1.75	-1.38	-1.62	-0.81	-0.94	-0.71	-0.11	0.25	0.90	1.65	1.24	0.10	2.43	-2.00
22	1.55	1.54	1.45	2.27	2.49	2.35	-0.15	-1.06	-1.37	-1.44	-1.61	-1.90	-2.04	-2.08	-1.55	-2.06	-2.00	-1.63	-0.96	-0.08	1.16	2.54	2.31	2.21	-0.00	2.54	-2.08
23	2.92	2.30	2.18	2.21	1.32	1.85	0.65	-0.96	-1.63	-1.76	-1.77	-2.02	-2.08	-1.94	-2.02	-1.69	-1.52	-1.15	-0.61	-0.02	0.61	0.94	2.83	2.00	0.03	2.92	-2.08
24	1.17	3.59	2.00	0.88	1.64	1.55	0.36	-0.78	-1.31	-1.82	-2.10	-2.22	-2.57	-1.79	-1.57	-2.09	-1.77	-1.68	-0.85	0.27	1.06	0.79	2.35	2.02	-0.12	3.59	-2.57
25	0.80	1.18	1.05	1.23	1.16	1.23	-0.50	-1.32	-1.89	-2.35	-2.42	-2.16	-2.22	-2.24	-2.51	-2.39	-2.26	-1.86	-1.13	0.13	2.38	3.23	2.39	1.94	-0.36	3.23	-2.51
26	1.95	1.99	2.08	2.17	2.29	2.04	-0.10	-0.99	-1.15	-1.64	-1.96	-2.11	-2.09	-2.17	-2.27	-2.07	-2.07	-1.63	-0.97	0.33	3.34	2.05	2.59	2.45	0.09	3.34	-2.27
27	1.82	2.73	1.99	1.80	2.60	2.13	1.10	-0.33	-1.34	-1.51	-1.87	-2.23	-1.50	-2.05	-2.10	-1.98	-1.23	-0.78	-0.53	0.99	3.23	1.84	2.10	1.70	0.27	3.23	-2.23
28	2.38	2.20	3.25	2.68	2.28	2.10	0.53	-1.11	-1.68	-1.91	-1.98	-2.61	-2.53	-2.45	-1.76	-2.02	-1.32	-0.27	-0.15	0.17	0.80	0.95	0.37	0.37	-0.07	3.25	-2.61
29	0.03	0.08	0.30	0.83	1.55	1.07	-0.28	-0.08	-0.83	-1.24	-1.72	-1.73	-2.05	-2.24	-1.87	-1.44	-1.03	-0.54	-0.46	0.05	2.27	1.73	0.99	1.93	-0.19	2.27	-2.24
30	1.58	1.23	0.40	0.57	0.59	0.58	-0.27	-1.09	-1.75	-2.08	-2.30	-2.48	-2.30	-2.35	-2.03	-1.87	-1.74	-1.45	-0.87	-0.20	0.24	0.47	1.58	2.29	-0.55	2.29	-2.48
Avg	1.81	1.74	1.64	1.62	1.76	1.60	0.05	-0.93	-1.46	-1.78	-1.99	-2.15	-2.20	-2.17	-1.98	-1.94	-1.71	-1.34	-0.77	0.10	1.15	1.47	1.74	1.75	-0.17	2.75	-2.39
Max	4.11	3.88	3.53	3.29	3.37	2.61	1.11	-0.08	-0.69	-0.77	-1.01	-1.45	-1.50	-0.96	-0.78	-1.04	-0.81	-0.27	-0.15	0.99	3.43	3.43	3.42	3.42	0.32	4.11	-1.56
Min	0.03	0.08	0.17	0.32	0.31	0.09	-0.59	-1.37	-1.94	-2.43	-2.65	-2.92	-2.98	-3.05	-2.67	-2.56	-2.26	-1.86	-1.13	-0.29	0.18	0.13	0.21	0.03	-0.67	1.13	-3.05

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Relative Humidity (% RH)
April 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	63.3	57.8	62.6	64.2	69.6	71.2	68.7	62.0	53.2	44.1	40.4	35.6	35.3	36.6	40.1	38.7	47.8	44.3	57.3	63.2	65.6	66.6	65.9	67.2	55.1	71.2	35.3
2	64.4	70.0	73.0	73.2	76.4	76.3	72.8	56.3	47.5	45.0	42.8	39.1	34.3	33.3	31.8	32.8	32.2	35.9	47.5	55.9	58.7	60.2	62.0	63.2	53.5	76.4	31.8
3	65.1	67.2	71.7	71.2	68.4	67.7	71.6	63.3	52.5	44.1	37.5	34.7	33.7	32.8	27.1	22.7	23.6	29.1	31.9	33.8	34.8	33.4	39.2	40.7	45.7	71.7	22.7
4	46.6	44.6	35.2	35.6	39.8	39.2	41.3	49.0	48.6	44.6	50.1	55.3	46.3	47.5	46.5	52.0	57.0	51.7	51.8	54.1	61.8	62.6	68.1	71.2	50.0	71.2	35.2
5	74.5	74.1	73.1	86.5	95.9	97.6	96.3	98.0	85.8	80.2	71.4	66.8	66.6	84.0	76.7	71.1	71.5	69.8	70.8	82.6	86.7	73.5	73.1	79.6	79.4	98.0	66.6
6	72.4	79.1	84.7	82.9	79.6	74.4	78.6	67.4	59.2	54.4	49.5	44.1	40.8	36.6	31.4	31.9	30.4	33.2	41.8	50.8	52.4	51.8	50.3	55.1	55.5	84.7	30.4
7	55.0	64.1	68.5	72.5	77.9	77.6	75.3	78.3	70.0	56.4	50.2	44.7	38.9	44.7	50.1	49.9	46.8	50.7	59.0	64.7	63.4	65.4	63.1	65.0	60.5	78.3	38.9
8	66.8	78.4	86.2	85.5	84.7	82.4	74.0	67.5	66.9	65.3	61.6	55.6	47.5	38.8	37.5	43.0	47.5	53.0	47.0	53.7	58.6	60.1	61.4	65.8	62.0	86.2	37.5
9	71.3	75.8	80.2	80.4	81.0	84.3	83.1	76.9	73.4	64.7	58.0	51.2	48.7	43.9	43.3	42.3	45.1	46.5	55.4	59.2	57.6	58.4	64.3	68.8	63.1	84.3	42.3
10	72.1	74.6	76.1	77.2	80.2	81.7	80.2	71.6	57.9	53.1	46.1	42.7	37.3	33.0	27.7	23.7	23.4	23.9	33.9	37.5	40.7	31.4	27.1	26.4	49.1	81.7	23.4
11	30.4	38.5	45.3	46.6	55.7	55.4	53.7	54.2	55.6	58.1	61.8	53.4	48.2	42.8	49.2	53.9	65.4	53.2	39.4	41.5	59.8	56.4	57.6	63.3	51.6	65.4	30.4
12	63.8	60.0	63.5	74.0	75.4	76.7	75.6	66.4	55.7	48.4	46.1	43.0	39.1	36.9	34.9	33.9	31.2	34.3	44.5	50.9	57.8	61.4	62.9	67.4	54.3	76.7	31.2
13	72.9	70.9	71.7	70.2	70.0	71.0	71.0	64.0	52.2	46.5	42.7	37.5	32.9	28.5	23.7	17.9	20.9	31.7	41.8	48.0	41.0	28.9	24.5	27.2	46.2	72.9	17.9
14	32.9	38.4	52.3	69.7	73.6	67.6	65.1	59.0	49.1	40.2	37.9	36.3	33.8	34.9	37.6	37.1	36.0	35.8	33.9	48.4	56.5	63.2	70.4	73.6	49.3	73.6	32.9
15	72.0	69.7	66.5	64.8	66.4	66.7	68.2	53.7	48.6	45.7	39.6	33.8	29.5	29.1	28.6	28.6	28.7	28.7	30.7	35.3	40.1	46.7	53.6	55.9	47.1	72.0	28.6
16	58.8	63.1	61.8	62.2	61.5	65.2	62.7	47.5	46.0	36.5	28.0	26.2	25.4	22.8	21.4	20.7	23.2	23.2	27.3	36.6	39.3	43.9	45.9	44.8	41.4	65.2	20.7
17	48.2	48.8	51.5	54.7	52.5	54.4	55.7	49.1	41.3	38.1	34.4	30.9	28.0	26.0	23.4	22.7	21.6	23.9	27.1	37.3	39.0	44.3	46.8	50.8	39.6	55.7	21.6
18	43.5	42.2	45.1	42.9	46.6	51.9	49.9	40.9	41.7	38.3	31.0	26.0	22.4	17.3	16.4	15.9	17.6	19.6	22.0	26.5	30.4	31.5	33.2	31.1	32.7	51.9	15.9
19	35.2	38.5	40.0	39.4	38.4	43.6	44.6	40.0	29.4	25.5	23.5	22.8	20.9	18.9	18.4	18.7	19.5	20.6	24.7	32.9	33.8	36.3	39.1	41.3	31.1	44.6	18.4
20	42.6	45.8	49.5	51.3	54.3	56.0	55.9	49.8	42.3	36.5	30.9	28.0	25.7	23.3	22.6	23.8	25.1	25.3	27.9	34.4	40.0	41.6	41.9	42.4	38.2	56.0	22.6
21	46.6	47.4	47.2	49.4	55.7	48.7	50.5	46.6	44.3	37.1	30.9	29.0	27.2	24.4	24.1	22.3	21.2	23.6	26.0	30.3	33.3	37.8	36.5	47.0	37.0	55.7	21.2
22	46.5	49.4	55.6	60.6	67.4	71.5	72.4	62.9	57.7	53.8	49.5	44.6	39.6	35.0	35.2	31.7	29.2	30.2	28.0	31.4	34.6	32.5	29.1	30.4	45.0	72.4	28.0
23	37.2	41.2	40.0	47.2	44.8	49.9	43.3	38.8	33.5	28.8	24.2	23.1	22.3	22.4	21.6	22.6	24.4	27.0	29.5	32.9	33.5	39.3	57.8	60.6	35.2	60.6	21.6
24	68.0	71.4	80.4	81.7	84.1	89.0	79.4	77.9	71.9	68.2	67.5	60.0	52.7	48.1	43.8	38.1	41.0	43.6	55.3	69.6	68.9	69.1	68.6	60.4	64.9	89.0	38.1
25	64.4	69.0	73.4	74.1	71.4	75.3	67.5	55.9	46.9	41.7	38.9	35.1	30.3	31.6	32.9	35.8	45.4	67.0	68.0	77.5	68.2	62.5	61.3	58.4	56.4	77.5	30.3
26	46.9	51.0	52.5	56.1	55.1	56.5	53.7	47.0	42.7	39.6	38.0	33.4	29.6	26.1	23.0	22.8	22.7	23.4	26.0	33.3	37.6	38.6	41.0	43.2	39.2	56.5	22.7
27	45.0	47.3	49.2	49.0	51.9	52.5	48.5	40.2	39.1	30.6	25.8	22.6	19.4	17.3	15.9	17.5	18.4	20.3	22.2	29.9	33.0	35.1	38.6	42.0	33.8	52.5	15.9
28	45.2	40.8	44.5	50.0	53.0	52.5	48.7	42.9	36.4	32.5	30.5	28.8	27.2	25.7	22.5	21.4	21.8	23.2	25.1	29.6	34.2	38.2	40.3	44.5	35.8	53.0	21.4
29	46.2	49.4	54.2	64.5	63.8	68.9	72.4	64.3	60.1	51.9	41.1	35.0	35.3	32.0	32.3	29.3	30.3	30.6	29.3	31.1	35.6	37.6	37.9	39.5	44.7	72.4	29.3
30	41.9	40.3	43.9	43.6	45.2	48.7	52.7	44.0	38.8	36.5	33.4	29.6	24.9	23.1	21.1	19.9	18.7	18.5	21.6	29.9	31.5	34.6	35.0	36.6	33.9	52.7	18.5
Avg	54.7	57.0	60.0	62.7	64.7	65.8	64.4	57.8	51.6	46.2	42.1	38.3	34.8	33.2	32.0	31.4	32.9	34.7	38.2	44.8	47.6	48.1	49.9	52.1	47.7	69.3	28.4
Max	74.5	79.1	86.2	86.5	95.9	97.6	96.3	98.0	85.8	80.2	71.4	66.8	66.6	84.0	76.7	71.1	71.5	69.8	70.8	82.6	86.7	73.5	73.1	79.6	79.4	98.0	66.6
Min	30.4	38.4	35.2	35.6	38.4	39.2	41.3	38.8	29.4	25.5	23.5	22.6	19.4	17.3	15.9	15.9	17.6	18.5	21.6	26.5	30.4	28.9	24.5	26.4	31.1	44.6	15.9

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Relative Humidity (% RH)
May 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	36.1	38.6	40.3	42.5	43.9	42.3	41.8	37.6	33.1	29.0	26.0	23.4	19.2	16.3	14.4	14.1	15.8	22.9	23.3	28.7	31.8	35.7	37.8	40.9	30.6	43.9	14.1
2	44.2	43.2	45.1	43.9	45.4	47.0	47.9	38.8	35.2	27.8	25.8	24.0	21.9	20.2	19.4	18.7	21.4	22.8	23.9	25.9	30.1	35.9	38.9	41.1	32.9	47.9	18.7
3	41.9	42.4	41.8	44.9	50.4	51.8	53.3	34.7	32.3	25.9	22.0	20.9	19.8	19.1	18.2	18.4	19.6	21.6	23.3	29.5	32.7	32.6	34.6	33.6	31.9	53.3	18.2
4	34.8	36.3	37.3	39.3	39.9	41.9	43.5	33.8	25.2	23.4	21.5	18.8	17.9	18.2	18.7	19.0	19.9	18.0	19.7	25.4	26.5	34.1	34.2	39.9	28.6	43.5	17.9
5	37.1	42.6	50.3	53.7	55.6	47.7	48.8	40.6	29.8	23.7	26.2	26.1	22.8	22.9	22.3	21.6	24.8	25.3	26.7	29.0	32.3	36.0	41.3	49.1	34.8	55.6	21.6
6	45.7	44.0	46.6	49.8	53.0	55.0	52.3	48.8	43.4	36.2	32.5	26.5	26.8	25.4	23.2	22.3	22.3	29.2	35.2	45.8	51.9	56.4	61.8	63.2	41.6	63.2	22.3
7	65.2	63.2	62.3	63.5	64.6	63.5	62.2	59.5	57.0	53.9	51.4	49.0	64.9	74.6	86.4	92.3	87.9	85.9	87.7	89.1	87.8	89.6	93.7	86.7	72.6	93.7	49.0
8	85.1	78.5	74.0	75.2	73.7	73.4	70.0	60.6	43.6	36.0	32.6	29.4	25.8	21.6	18.3	17.6	17.8	21.0	24.2	26.4	30.3	34.3	33.7	33.3	43.2	85.1	17.6
9	34.3	34.5	34.7	36.2	37.3	41.1	39.6	34.4	32.8	30.9	26.6	21.0	17.0	14.6	12.0	12.0	10.1	10.3	14.2	19.7	28.1	36.2	32.3	35.0	26.9	41.1	10.1
10	37.3	39.7	41.3	43.1	46.0	46.5	42.5	32.8	28.3	27.7	25.7	23.4	20.8	17.3	13.4	13.8	14.0	16.3	20.1	23.0	25.5	26.6	27.7	30.1	28.5	46.5	13.4
11	31.4	34.2	33.5	35.4	37.4	40.0	43.9	41.6	36.3	32.6	30.2	Au	Au	Au	25.4	23.9	27.4	41.0	44.3	48.7	58.4	65.5	74.2	82.5	42.3	82.5	23.9
12	81.7	78.1	74.2	80.3	81.0	87.4	80.9	63.9	66.3	60.2	47.4	43.2	37.3	32.7	31.8	33.9	35.7	47.1	56.1	66.9	82.1	87.1	94.9	97.1	64.5	97.1	31.8
13	94.0	94.1	90.5	88.1	85.0	83.9	80.9	78.0	68.4	58.3	50.7	46.5	42.7	37.7	34.5	33.0	37.0	40.2	43.1	45.5	55.0	61.5	63.6	65.9	61.6	94.1	33.0
14	70.3	69.6	71.2	69.3	70.2	76.1	72.2	60.5	44.4	41.1	37.7	36.5	32.3	31.1	30.3	28.6	30.2	37.5	45.6	49.1	51.2	68.3	83.4	85.6	53.8	85.6	28.6
15	83.1	84.3	84.4	85.9	88.6	89.3	93.5	97.2	99.7	98.4	97.7	95.3	89.1	83.9	77.0	73.4	71.2	73.9	73.5	77.0	77.7	77.1	75.8	82.2	84.6	99.7	71.2
16	85.6	81.5	78.1	74.2	77.8	77.3	79.0	78.9	75.0	72.3	68.2	62.7	57.3	57.3	55.3	54.9	55.1	53.0	51.8	58.3	63.6	63.6	64.0	69.2	67.2	85.6	51.8
17	66.8	68.6	73.3	78.4	79.4	82.2	73.3	64.7	56.1	49.1	45.1	41.3	39.2	59.9	58.1	47.8	51.2	53.8	59.3	73.2	84.5	86.5	90.8	93.1	65.7	93.1	39.2
18	96.9	99.7	99.7	100.0	100.0	100.0	99.9	95.4	90.5	91.7	84.6	71.8	66.1	64.2	64.7	73.8	88.2	86.1	73.6	78.4	79.0	80.9	78.8	82.2	85.3	100.0	64.2
19	83.2	88.1	88.8	88.1	88.5	91.3	92.7	93.1	87.9	81.2	76.4	68.8	61.0	55.3	47.2	43.2	49.4	63.8	74.7	94.5	99.0	99.3	100.0	100.0	79.8	100.0	43.2
20	99.7	100.0	100.0	100.0	100.0	100.0	99.6	97.2	93.6	83.2	77.4	65.6	55.5	51.2	52.7	53.3	55.5	64.1	74.8	88.4	88.0	92.2	89.5	93.9	82.3	100.0	51.2
21	93.7	95.0	98.7	99.8	100.0	100.0	100.0	99.8	93.7	69.7	65.2	62.5	55.8	52.8	45.9	36.4	43.2	53.1	58.9	58.4	68.6	75.6	75.5	89.4	74.7	100.0	36.4
22	86.7	91.6	90.5	90.0	89.1	90.2	87.6	86.0	81.1	68.5	57.7	52.5	44.9	48.9	54.9	53.6	57.3	60.2	58.0	68.2	78.0	78.6	79.7	85.7	72.5	91.6	44.9
23	85.1	86.7	89.7	92.3	86.2	86.4	82.6	71.5	62.2	58.7	53.8	49.6	43.9	40.3	35.3	31.9	30.3	32.2	35.0	39.4	52.9	55.2	57.9	60.3	59.1	92.3	30.3
24	62.9	61.4	67.8	66.2	64.6	72.4	64.0	51.5	46.8	41.1	36.7	33.9	32.0	30.7	27.3	26.1	26.3	27.1	26.7	32.6	37.8	45.7	51.1	52.5	45.2	72.4	26.1
25	57.1	55.8	61.3	67.6	68.3	68.1	63.4	55.2	41.6	38.0	34.3	38.8	52.0	49.9	45.3	38.2	39.1	45.8	52.9	56.2	56.6	70.2	71.3	72.0	54.1	72.0	34.3
26	83.4	88.7	89.7	88.0	89.2	86.1	80.3	68.8	50.1	45.7	39.9	38.1	43.6	46.0	41.3	33.5	32.8	32.7	32.9	39.2	51.6	55.2	65.3	72.3	58.1	89.7	32.7
27	70.1	73.2	76.6	77.7	77.4	77.3	66.3	57.4	49.8	42.5	36.9	34.6	32.4	32.8	30.5	32.5	58.6	70.5	46.9	48.2	64.0	61.5	67.3	71.7	56.5	77.7	30.5
28	78.4	77.3	79.2	79.9	82.7	82.6	77.4	62.7	49.2	44.3	39.7	33.9	30.0	29.0	27.1	24.3	24.3	23.9	24.4	30.1	40.5	44.2	47.2	52.4	49.4	82.7	23.9
29	51.5	51.1	54.6	62.7	63.3	58.8	55.6	45.0	36.4	31.9	28.4	25.3	24.2	23.3	21.9	19.9	20.7	21.6	22.5	25.9	28.8	28.4	32.7	32.3	36.1	63.3	19.9
30	36.3	39.6	48.7	55.8	50.6	56.1	56.0	52.0	44.6	42.2	39.1	37.5	33.7	32.0	31.7	30.6	30.2	29.0	34.7	46.1	82.4	89.5	92.8	89.3	49.2	92.8	29.0
31	84.0	86.2	85.3	85.5	82.4	82.1	78.2	71.3	53.7	44.2	40.8	38.7	36.1	33.2	28.6	30.2	28.5	10.7	35.3	41.5	53.5	57.2	60.5	66.7	54.8	86.2	10.7
Avg	65.9	66.7	68.0	69.6	70.0	70.9	68.7	61.7	54.5	48.7	44.5	41.3	38.9	38.1	35.9	34.6	37.0	40.0	42.7	48.7	55.8	60.0	63.0	66.1	53.9	78.5	31.0
Max	99.7	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.7	98.4	97.7	95.3	89.1	83.9	86.4	92.3	88.2	86.1	87.7	94.5	99.0	99.3	100.0	100.0	85.3	100.0	71.2
Min	31.4	34.2	33.5	35.4	37.3	40.0	39.6	32.8	25.2	23.4	21.5	18.8	17.0	14.6	12.0	12.0	10.1	10.3	14.2	19.7	25.5	26.6	27.7	30.1	26.9	41.1	10.1

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Relative Humidity (% RH)
June 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	64.9	58.0	41.3	38.0	49.2	64.4	70.0	61.0	62.2	63.0	51.5	40.6	30.3	26.7	31.9	27.8	30.8	20.8	23.3	26.5	27.5	31.9	40.8	48.7	43.0	70.0	20.8
2	56.1	62.2	66.2	69.8	71.0	69.8	66.9	59.5	56.3	50.5	42.5	37.0	33.0	41.9	41.7	50.1	41.5	34.2	51.7	78.5	82.9	88.3	89.4	87.4	59.5	89.4	33.0
3	89.5	88.4	85.5	85.7	88.5	87.0	81.9	70.4	60.4	55.5	46.4	41.3	34.6	34.4	30.7	29.0	26.0	34.2	33.4	41.8	46.9	56.1	65.7	69.9	57.6	89.5	26.0
4	72.2	72.8	73.3	72.9	73.1	72.4	57.6	46.9	42.7	39.0	36.8	34.1	30.9	27.1	24.8	27.3	26.1	27.3	28.7	31.7	35.4	38.9	42.2	45.4	45.0	73.3	24.8
5	50.3	49.9	51.3	58.5	64.7	62.9	54.2	46.2	40.3	38.3	36.0	33.8	30.5	29.3	27.3	24.9	23.7	23.5	23.1	27.8	35.2	40.9	48.2	54.6	40.6	64.7	23.1
6	56.5	60.7	59.0	61.4	63.2	64.9	53.2	36.8	32.3	30.2	28.4	26.2	23.8	21.9	20.8	16.1	17.9	16.6	13.7	18.0	24.4	31.0	33.7	39.7	35.4	64.9	13.7
7	41.9	41.8	44.1	51.9	54.6	55.8	43.6	35.5	31.9	29.1	25.7	23.3	23.2	22.1	20.3	16.7	13.1	12.5	19.7	21.8	27.7	31.0	31.8	33.3	31.3	55.8	12.5
8	37.2	39.2	39.2	39.0	45.2	39.7	35.1	31.6	26.6	23.0	20.8	18.6	17.8	16.2	17.5	18.0	17.6	17.9	17.9	19.5	25.2	30.6	32.6	33.7	27.5	45.2	16.2
9	31.7	33.1	37.6	38.9	41.4	42.5	36.5	27.9	23.5	23.6	21.2	18.9	16.5	16.2	17.9	17.4	15.4	20.5	24.7	27.3	28.3	28.6	31.2	32.4	27.2	42.5	15.4
10	40.2	44.1	46.0	53.7	57.3	59.6	59.6	49.0	30.8	22.6	18.9	17.5	20.8	19.1	12.9	9.2	16.1	16.5	12.6	18.0	22.0	24.5	26.4	23.6	30.0	59.6	9.2
11	24.6	25.2	26.2	27.7	30.8	32.9	26.9	22.4	20.3	19.1	17.3	14.7	12.8	11.7	10.7	11.2	11.9	12.3	13.6	18.9	22.1	25.2	24.1	26.8	20.4	32.9	10.7
12	29.5	28.7	30.1	35.6	38.6	41.8	34.1	28.7	27.8	24.8	22.4	20.1	15.9	14.1	12.3	11.3	9.7	8.5	7.7	9.0	13.0	16.9	22.3	23.4	21.9	41.8	7.7
13	24.3	26.2	28.8	31.4	35.0	35.9	29.8	22.5	19.5	17.8	15.0	11.1	9.3	9.5	8.6	7.4	6.6	12.4	15.1	17.2	21.7	25.5	32.0	35.9	20.8	35.9	6.6
14	38.9	38.8	42.4	41.0	41.0	38.1	31.6	24.1	23.1	20.2	17.4	15.7	15.5	14.7	13.0	12.3	11.3	10.9	11.5	10.1	14.2	17.9	22.4	26.9	23.0	42.4	10.1
15	28.0	28.9	29.7	31.2	32.7	34.1	30.4	24.0	21.3	18.6	16.3	14.6	13.0	11.0	9.1	8.6	9.1	9.3	10.8	14.1	22.0	22.8	24.2	26.5	20.4	34.1	8.6
16	32.2	34.8	37.8	38.6	41.2	38.6	30.8	24.9	22.3	21.3	19.3	17.7	15.4	14.3	11.4	11.0	10.0	10.3	12.7	17.7	22.1	23.7	26.6	32.0	23.6	41.2	10.0
17	34.7	35.9	36.6	37.6	39.6	38.7	32.6	27.6	24.0	20.9	18.2	14.2	13.1	12.5	9.1	7.1	6.7	5.8	7.3	7.8	11.7	23.3	27.3	28.1	21.7	39.6	5.8
18	28.6	29.2	29.0	28.8	29.1	29.8	27.5	20.1	17.6	16.7	15.7	14.3	12.4	13.8	12.1	9.8	10.0	11.4	12.1	14.4	19.4	25.5	30.2	33.3	20.4	33.3	9.8
19	32.6	27.5	28.8	30.3	34.7	36.2	30.9	27.5	26.6	24.2	17.8	13.4	13.9	13.0	9.8	9.8	9.4	10.8	12.1	23.2	31.4	35.0	39.6	44.1	24.3	44.1	9.4
20	48.2	49.3	49.8	50.2	48.7	51.3	46.1	36.0	27.8	26.1	23.9	21.4	20.5	19.8	20.3	18.7	18.6	19.8	20.6	23.3	25.9	29.7	32.6	34.0	31.8	51.3	18.6
21	36.4	37.3	39.0	40.2	40.8	41.4	39.6	32.8	28.6	28.6	26.6	24.5	20.2	15.6	14.6	10.4	9.7	30.0	30.5	38.0	41.9	46.4	53.2	54.2	32.5	54.2	9.7
22	55.0	54.3	56.2	57.2	53.8	53.0	46.5	38.0	32.4	26.4	20.8	19.3	18.3	17.0	18.0	18.0	17.8	17.4	18.5	20.4	24.5	26.5	29.3	30.2	32.0	57.2	17.0
23	31.3	36.0	35.2	37.7	40.2	41.8	34.3	29.0	25.9	23.5	21.2	19.4	17.9	16.0	15.4	14.0	10.4	11.4	12.2	11.5	18.9	28.8	34.2	35.9	25.1	41.8	10.4
24	37.1	36.5	36.7	35.3	36.1	36.5	30.2	22.2	16.1	13.0	12.5	11.6	10.8	12.0	12.6	12.1	13.2	13.0	13.3	13.4	17.3	25.1	31.1	32.9	22.1	37.1	10.8
25	35.8	36.2	35.7	36.6	39.0	38.3	32.0	26.5	23.6	21.7	18.7	17.0	16.0	14.6	13.4	13.4	13.3	14.2	13.8	12.3	16.8	21.3	24.3	26.4	23.4	39.0	12.3
26	27.8	30.6	33.3	34.6	34.3	35.3	29.4	25.2	21.3	18.6	17.2	15.0	13.0	11.9	8.0	7.9	7.6	7.8	8.5	12.0	14.7	14.1	12.6	14.0	18.9	35.3	7.6
27	16.3	18.0	20.0	23.1	23.7	26.2	25.5	21.9	19.6	18.4	15.5	13.9	14.2	13.5	10.6	9.8	10.9	11.5	10.3	12.7	17.1	17.5	17.9	21.8	17.1	26.2	9.8
28	25.3	27.1	28.3	30.1	30.9	31.6	26.5	21.8	18.1	16.5	15.8	14.8	13.1	13.4	13.5	12.2	10.9	11.4	12.2	12.6	15.1	17.7	25.7	29.3	19.7	31.6	10.9
29	29.6	25.8	27.9	32.5	36.1	34.7	31.2	28.9	23.7	22.3	18.5	17.4	16.0	14.8	14.2	14.8	15.8	17.1	18.4	18.4	19.9	25.3	33.6	33.7	23.8	36.1	14.2
30	36.8	38.7	37.9	36.5	31.8	32.3	28.4	23.6	23.0	23.1	21.9	20.1	17.2	14.4	11.3	8.2	7.9	6.7	4.2	17.5	24.0	27.8	31.9	34.7	23.3	38.7	4.2
Avg	39.8	40.5	41.1	42.9	44.9	45.6	40.1	33.1	29.0	26.6	23.3	20.7	18.7	17.8	16.5	15.5	15.0	15.9	17.1	21.2	25.6	29.9	33.9	36.4	28.8	48.3	13.3
Max	89.5	88.4	85.5	85.7	88.5	87.0	81.9	70.4	62.2	63.0	51.5	41.3	34.6	41.9	41.7	50.1	41.5	34.2	51.7	78.5	82.9	88.3	89.4	87.4	59.5	89.5	33.0
Min	16.3	18.0	20.0	23.1	23.7	26.2	25.5	20.1	16.1	13.0	12.5	11.1	9.3	9.5	8.0	7.1	6.6	5.8	4.2	7.8	11.7	14.1	12.6	14.0	17.1	26.2	4.2

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Barometric Pressure (InHg)
April 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	26.60	26.61	26.61	26.62	26.63	26.64	26.64	26.65	26.66	26.67	26.67	26.65	26.63	26.61	26.60	26.59	26.59	26.59	26.58	26.58	26.59	26.60	26.61	26.62	26.62	26.67	26.58
2	26.62	26.62	26.62	26.63	26.64	26.65	26.66	26.69	26.70	26.71	26.72	26.72	26.71	26.71	26.71	26.71	26.71	26.71	26.73	26.73	26.74	26.75	26.76	26.76	26.70	26.76	26.62
3	26.76	26.76	26.75	26.74	26.74	26.74	26.73	26.73	26.74	26.74	26.73	26.71	26.68	26.64	26.61	26.58	26.56	26.53	26.52	26.51	26.51	26.50	26.50	26.49	26.65	26.76	26.49
4	26.49	26.48	26.46	26.46	26.46	26.46	26.47	26.47	26.48	26.48	26.49	26.48	26.46	26.45	26.43	26.41	26.40	26.37	26.36	26.35	26.34	26.33	26.31	26.31	26.43	26.49	26.31
5	26.29	26.28	26.26	26.25	26.23	26.23	26.23	26.23	26.23	26.23	26.23	26.21	26.20	26.20	26.19	26.17	26.17	26.16	26.16	26.15	26.16	26.17	26.17	26.19	26.21	26.29	26.15
6	26.20	26.22	26.23	26.24	26.25	26.27	26.29	26.32	26.33	26.35	26.36	26.35	26.35	26.35	26.34	26.33	26.32	26.31	26.32	26.32	26.32	26.32	26.32	26.31	26.31	26.36	26.20
7	26.31	26.30	26.30	26.29	26.29	26.29	26.29	26.29	26.30	26.31	26.31	26.30	26.29	26.27	26.26	26.24	26.22	26.22	26.22	26.22	26.22	26.22	26.22	26.22	26.27	26.31	26.22
8	26.22	26.24	26.24	26.24	26.25	26.26	26.27	26.29	26.32	26.34	26.36	26.38	26.39	26.40	26.40	26.41	26.42	26.43	26.45	26.47	26.49	26.51	26.52	26.53	26.37	26.53	26.22
9	26.54	26.54	26.54	26.54	26.54	26.55	26.56	26.57	26.58	26.58	26.58	26.57	26.55	26.54	26.52	26.50	26.49	26.49	26.48	26.48	26.48	26.48	26.48	26.48	26.53	26.58	26.48
10	26.47	26.47	26.47	26.47	26.46	26.47	26.48	26.49	26.49	26.49	26.48	26.47	26.44	26.42	26.39	26.36	26.34	26.32	26.31	26.31	26.31	26.31	26.32	26.32	26.41	26.49	26.31
11	26.32	26.34	26.35	26.35	26.36	26.37	26.37	26.38	26.39	26.40	26.40	26.39	26.37	26.35	26.34	26.34	26.36	26.36	26.38	26.41	26.45	26.49	26.51	26.53	26.39	26.53	26.32
12	26.56	26.57	26.58	26.60	26.62	26.63	26.64	26.66	26.67	26.68	26.68	26.67	26.64	26.63	26.60	26.59	26.57	26.56	26.57	26.57	26.58	26.59	26.58	26.58	26.61	26.68	26.56
13	26.57	26.57	26.56	26.56	26.55	26.54	26.54	26.54	26.54	26.52	26.50	26.48	26.44	26.41	26.36	26.32	26.30	26.28	26.25	26.22	26.21	26.21	26.21	26.21	26.41	26.57	26.21
14	26.23	26.23	26.25	26.30	26.36	26.38	26.41	26.44	26.47	26.49	26.52	26.52	26.54	26.55	26.56	26.58	26.58	26.59	26.61	26.64	26.67	26.69	26.70	26.70	26.50	26.70	26.23
15	26.70	26.70	26.70	26.71	26.72	26.74	26.75	26.77	26.78	26.78	26.78	26.77	26.75	26.74	26.73	26.71	26.70	26.69	26.70	26.70	26.72	26.73	26.73	26.73	26.73	26.78	26.69
16	26.73	26.71	26.71	26.70	26.70	26.70	26.71	26.72	26.73	26.73	26.73	26.72	26.69	26.68	26.66	26.64	26.63	26.61	26.61	26.61	26.62	26.63	26.64	26.65	26.68	26.73	26.61
17	26.65	26.65	26.65	26.64	26.64	26.64	26.65	26.66	26.66	26.65	26.64	26.63	26.61	26.59	26.57	26.55	26.53	26.51	26.51	26.52	26.54	26.55	26.57	26.58	26.60	26.66	26.51
18	26.59	26.59	26.60	26.60	26.61	26.62	26.63	26.65	26.66	26.66	26.66	26.65	26.65	26.63	26.61	26.60	26.58	26.58	26.57	26.58	26.60	26.61	26.62	26.62	26.62	26.66	26.57
19	26.62	26.62	26.62	26.62	26.62	26.62	26.63	26.64	26.63	26.62	26.61	26.60	26.58	26.57	26.55	26.52	26.50	26.48	26.47	26.46	26.47	26.46	26.46	26.46	26.56	26.64	26.46
20	26.46	26.46	26.45	26.45	26.45	26.45	26.45	26.46	26.46	26.45	26.45	26.43	26.41	26.40	26.38	26.36	26.35	26.34	26.33	26.33	26.34	26.34	26.34	26.34	26.40	26.46	26.33
21	26.35	26.35	26.35	26.35	26.35	26.35	26.36	26.37	26.37	26.37	26.36	26.35	26.34	26.32	26.31	26.29	26.27	26.26	26.25	26.26	26.27	26.28	26.28	26.31	26.32	26.37	26.25
22	26.31	26.32	26.33	26.34	26.35	26.35	26.37	26.38	26.40	26.40	26.40	26.39	26.38	26.38	26.37	26.35	26.33	26.32	26.32	26.35	26.37	26.39	26.39	26.40	26.36	26.40	26.31
23	26.41	26.41	26.40	26.40	26.39	26.39	26.39	26.40	26.40	26.39	26.37	26.34	26.32	26.30	26.27	26.24	26.22	26.21	26.20	26.20	26.23	26.24	26.25	26.25	26.32	26.41	26.20
24	26.25	26.25	26.24	26.25	26.24	26.24	26.25	26.26	26.27	26.27	26.28	26.28	26.27	26.26	26.25	26.24	26.23	26.23	26.25	26.27	26.29	26.30	26.31	26.31	26.26	26.31	26.23
25	26.30	26.30	26.30	26.30	26.30	26.31	26.31	26.32	26.33	26.32	26.32	26.32	26.30	26.29	26.30	26.30	26.31	26.35	26.37	26.39	26.40	26.41	26.43	26.44	26.33	26.44	26.29
26	26.45	26.46	26.47	26.48	26.50	26.52	26.54	26.57	26.59	26.60	26.62	26.62	26.61	26.61	26.61	26.61	26.60	26.61	26.62	26.64	26.67	26.69	26.71	26.72	26.59	26.72	26.45
27	26.72	26.72	26.73	26.73	26.74	26.75	26.77	26.78	26.79	26.79	26.78	26.76	26.74	26.72	26.70	26.68	26.66	26.65	26.65	26.65	26.66	26.66	26.66	26.66	26.71	26.79	26.65
28	26.65	26.65	26.64	26.64	26.63	26.63	26.63	26.64	26.63	26.62	26.60	26.58	26.55	26.52	26.50	26.47	26.45	26.43	26.42	26.41	26.41	26.42	26.41	26.41	26.54	26.65	26.41
29	26.42	26.43	26.45	26.47	26.49	26.50	26.52	26.54	26.55	26.55	26.54	26.54	26.53	26.51	26.50	26.48	26.48	26.48	26.50	26.52	26.56	26.59	26.61	26.62	26.52	26.62	26.42
30	26.63	26.64	26.65	26.65	26.67	26.67	26.69	26.70	26.71	26.71	26.71	26.70	26.68	26.66	26.64	26.62	26.61	26.60	26.58	26.58	26.59	26.60	26.59	26.59	26.64	26.71	26.58
Avg	26.48	26.48	26.48	26.49	26.49	26.50	26.51	26.52	26.53	26.53	26.53	26.52	26.50	26.49	26.48	26.46	26.45	26.44	26.44	26.45	26.46	26.47	26.47	26.48	26.49	26.57	26.40
Max	26.76	26.76	26.75	26.74	26.74	26.75	26.77	26.78	26.79	26.79	26.78	26.77	26.75	26.74	26.73	26.71	26.71	26.71	26.73	26.73	26.74	26.75	26.76	26.76	26.73	26.79	26.69
Min	26.20	26.22	26.23	26.24	26.23	26.23	26.23	26.23	26.23	26.23	26.23	26.21	26.20	26.20	26.19	26.17	26.17	26.16	26.16	26.15	26.16	26.17	26.17	26.19	26.21	26.29	26.15

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Barometric Pressure (InHg)
May 2015

Day	<< Hour >>																								Avg	Max	Min
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	26.59	26.58	26.57	26.56	26.56	26.55	26.55	26.56	26.56	26.56	26.55	26.53	26.51	26.48	26.45	26.41	26.39	26.39	26.38	26.38	26.38	26.39	26.38	26.38	26.48	26.59	26.38
2	26.38	26.38	26.38	26.37	26.37	26.37	26.39	26.40	26.40	26.40	26.40	26.39	26.37	26.35	26.33	26.30	26.29	26.29	26.29	26.31	26.33	26.36	26.37	26.37	26.36	26.40	26.29
3	26.38	26.38	26.38	26.38	26.38	26.38	26.39	26.41	26.41	26.41	26.41	26.40	26.39	26.37	26.35	26.33	26.32	26.31	26.31	26.32	26.34	26.35	26.36	26.37	26.37	26.41	26.31
4	26.37	26.37	26.37	26.37	26.37	26.37	26.39	26.40	26.39	26.39	26.38	26.37	26.35	26.33	26.31	26.29	26.27	26.26	26.24	26.25	26.27	26.28	26.30	26.32	26.33	26.40	26.24
5	26.33	26.34	26.34	26.34	26.34	26.35	26.36	26.38	26.39	26.40	26.40	26.40	26.39	26.37	26.35	26.33	26.32	26.33	26.34	26.36	26.38	26.40	26.41	26.42	26.37	26.42	26.32
6	26.42	26.42	26.42	26.41	26.42	26.41	26.40	26.41	26.41	26.40	26.39	26.37	26.35	26.34	26.32	26.30	26.29	26.31	26.33	26.34	26.36	26.38	26.39	26.39	26.37	26.42	26.29
7	26.40	26.39	26.38	26.37	26.38	26.38	26.38	26.39	26.39	26.39	26.40	26.40	26.40	26.40	26.40	26.39	26.38	26.36	26.36	26.37	26.37	26.38	26.38	26.38	26.38	26.40	26.36
8	26.38	26.38	26.38	26.38	26.39	26.39	26.40	26.40	26.40	26.40	26.39	26.38	26.36	26.35	26.34	26.32	26.32	26.32	26.33	26.35	26.38	26.41	26.42	26.43	26.37	26.43	26.32
9	26.45	26.45	26.46	26.47	26.48	26.49	26.51	26.51	26.51	26.52	26.51	26.50	26.49	26.47	26.47	26.45	26.45	26.45	26.46	26.47	26.50	26.52	26.52	26.53	26.48	26.53	26.45
10	26.54	26.54	26.53	26.53	26.53	26.53	26.55	26.56	26.56	26.55	26.55	26.53	26.52	26.50	26.49	26.47	26.45	26.45	26.44	26.44	26.43	26.43	26.42	26.41	26.50	26.56	26.41
11	26.40	26.40	26.39	26.39	26.38	26.37	26.38	26.39	26.37	26.36	26.35	Au	Au	Au	26.27	26.25	26.24	26.24	26.23	26.23	26.26	26.29	26.27	26.27	26.32	26.40	26.23
12	26.27	26.27	26.27	26.28	26.28	26.27	26.28	26.29	26.29	26.28	26.27	26.25	26.22	26.20	26.17	26.18	26.17	26.16	26.16	26.17	26.24	26.25	26.27	26.28	26.24	26.29	26.16
13	26.30	26.31	26.31	26.34	26.35	26.36	26.37	26.40	26.42	26.43	26.42	26.41	26.40	26.38	26.36	26.35	26.34	26.32	26.32	26.32	26.33	26.35	26.35	26.34	26.36	26.43	26.30
14	26.33	26.32	26.30	26.31	26.30	26.30	26.30	26.30	26.30	26.29	26.27	26.26	26.24	26.22	26.20	26.17	26.16	26.17	26.16	26.15	26.17	26.20	26.21	26.20	26.24	26.33	26.15
15	26.19	26.18	26.17	26.17	26.16	26.16	26.17	26.19	26.20	26.20	26.21	26.23	26.23	26.23	26.23	26.23	26.23	26.24	26.24	26.25	26.26	26.27	26.27	26.27	26.22	26.27	26.16
16	26.26	26.25	26.26	26.26	26.27	26.28	26.29	26.30	26.30	26.31	26.31	26.31	26.32	26.33	26.33	26.35	26.35	26.36	26.36	26.38	26.39	26.40	26.41	26.42	26.32	26.42	26.25
17	26.43	26.44	26.44	26.45	26.45	26.46	26.47	26.48	26.49	26.49	26.48	26.48	26.47	26.46	26.47	26.46	26.46	26.48	26.48	26.51	26.52	26.52	26.53	26.52	26.48	26.53	26.43
18	26.52	26.52	26.51	26.51	26.51	26.51	26.52	26.52	26.53	26.53	26.52	26.51	26.49	26.49	26.48	26.48	26.47	26.45	26.45	26.45	26.46	26.47	26.47	26.47	26.49	26.53	26.45
19	26.47	26.47	26.46	26.47	26.46	26.46	26.47	26.48	26.49	26.48	26.48	26.47	26.45	26.43	26.41	26.39	26.39	26.38	26.40	26.43	26.45	26.46	26.46	26.45	26.45	26.49	26.38
20	26.46	26.46	26.46	26.46	26.46	26.46	26.47	26.47	26.47	26.48	26.47	26.46	26.45	26.43	26.42	26.41	26.39	26.38	26.39	26.41	26.41	26.41	26.41	26.42	26.44	26.48	26.38
21	26.42	26.42	26.41	26.42	26.43	26.43	26.43	26.43	26.43	26.43	26.42	26.41	26.39	26.38	26.35	26.34	26.33	26.33	26.33	26.35	26.36	26.37	26.38	26.38	26.39	26.43	26.33
22	26.38	26.38	26.37	26.38	26.38	26.39	26.40	26.40	26.42	26.41	26.40	26.38	26.36	26.35	26.34	26.33	26.33	26.34	26.35	26.36	26.37	26.39	26.41	26.41	26.38	26.42	26.33
23	26.41	26.41	26.41	26.42	26.41	26.42	26.42	26.43	26.44	26.43	26.43	26.43	26.42	26.41	26.39	26.38	26.37	26.37	26.37	26.39	26.41	26.43	26.44	26.44	26.41	26.44	26.37
24	26.45	26.46	26.46	26.46	26.46	26.47	26.47	26.47	26.47	26.45	26.44	26.44	26.42	26.40	26.38	26.36	26.35	26.34	26.34	26.35	26.36	26.38	26.39	26.39	26.41	26.47	26.34
25	26.38	26.38	26.38	26.38	26.38	26.38	26.39	26.40	26.40	26.40	26.39	26.38	26.37	26.36	26.35	26.33	26.33	26.33	26.35	26.36	26.38	26.40	26.40	26.42	26.38	26.42	26.33
26	26.42	26.42	26.43	26.43	26.44	26.44	26.45	26.46	26.46	26.45	26.45	26.44	26.43	26.42	26.40	26.38	26.37	26.36	26.36	26.37	26.39	26.42	26.44	26.46	26.42	26.46	26.36
27	26.46	26.46	26.47	26.48	26.48	26.49	26.50	26.50	26.51	26.50	26.50	26.48	26.48	26.47	26.46	26.46	26.49	26.49	26.47	26.47	26.49	26.51	26.53	26.54	26.49	26.54	26.46
28	26.54	26.55	26.55	26.55	26.55	26.56	26.57	26.58	26.59	26.59	26.59	26.59	26.59	26.57	26.56	26.55	26.53	26.53	26.52	26.53	26.54	26.55	26.56	26.55	26.56	26.59	26.52
29	26.55	26.55	26.55	26.55	26.56	26.57	26.58	26.58	26.58	26.57	26.57	26.55	26.54	26.53	26.51	26.49	26.48	26.46	26.44	26.44	26.44	26.44	26.44	26.46	26.52	26.58	26.44
30	26.46	26.46	26.45	26.44	26.43	26.44	26.45	26.46	26.47	26.48	26.47	26.48	26.47	26.46	26.47	26.45	26.44	26.42	26.41	26.43	26.47	26.47	26.48	26.47	26.46	26.48	26.41
31	26.47	26.47	26.46	26.46	26.45	26.45	26.45	26.45	26.45	26.45	26.44	26.42	26.41	26.38	26.36	26.34	26.33	26.31	26.31	26.30	26.30	26.31	26.31	26.30	26.39	26.47	26.30
Avg	26.41	26.41	26.41	26.41	26.41	26.42	26.42	26.43	26.44	26.43	26.43	26.42	26.41	26.40	26.38	26.36	26.36	26.35	26.35	26.36	26.38	26.39	26.40	26.40	26.40	26.45	26.34
Max	26.59	26.58	26.57	26.56	26.56	26.57	26.58	26.58	26.59	26.59	26.59	26.59	26.59	26.57	26.56	26.55	26.53	26.53	26.52	26.53	26.54	26.55	26.56	26.55	26.56	26.59	26.52
Min	26.19	26.18	26.17	26.17	26.16	26.16	26.17	26.19	26.20	26.20	26.21	26.23	26.22	26.20	26.17	26.17	26.16	26.16	26.16	26.15	26.17	26.20	26.21	26.20	26.22	26.27	26.15

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Barometric Pressure (InHg)
June 2015

Day	<< Hour >>																								Avg	Max	Min
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	26.31	26.32	26.34	26.33	26.35	26.37	26.37	26.37	26.37	26.38	26.36	26.35	26.34	26.33	26.31	26.30	26.31	26.30	26.31	26.33	26.33	26.35	26.38	26.40	26.34	26.40	26.30
2	26.42	26.44	26.45	26.46	26.48	26.49	26.50	26.51	26.51	26.50	26.49	26.48	26.47	26.46	26.45	26.45	26.44	26.43	26.45	26.48	26.49	26.50	26.51	26.51	26.47	26.51	26.42
3	26.50	26.49	26.48	26.48	26.48	26.49	26.49	26.50	26.49	26.48	26.47	26.46	26.44	26.42	26.40	26.38	26.37	26.36	26.37	26.38	26.40	26.43	26.43	26.44	26.44	26.50	26.36
4	26.44	26.44	26.45	26.45	26.45	26.45	26.46	26.47	26.46	26.46	26.46	26.45	26.45	26.44	26.42	26.42	26.41	26.41	26.41	26.42	26.43	26.44	26.46	26.47	26.44	26.47	26.41
5	26.48	26.48	26.49	26.48	26.48	26.46	26.47	26.49	26.49	26.49	26.49	26.48	26.46	26.45	26.43	26.41	26.39	26.39	26.39	26.40	26.41	26.43	26.45	26.47	26.45	26.49	26.39
6	26.48	26.47	26.47	26.47	26.48	26.49	26.49	26.49	26.49	26.48	26.47	26.45	26.44	26.43	26.42	26.41	26.40	26.39	26.39	26.40	26.42	26.44	26.46	26.47	26.45	26.49	26.39
7	26.48	26.48	26.48	26.50	26.51	26.52	26.54	26.54	26.55	26.55	26.55	26.54	26.54	26.53	26.53	26.51	26.51	26.50	26.50	26.50	26.51	26.52	26.53	26.53	26.52	26.55	26.48
8	26.53	26.53	26.54	26.54	26.55	26.55	26.56	26.56	26.56	26.55	26.54	26.53	26.51	26.49	26.48	26.46	26.45	26.43	26.43	26.43	26.44	26.45	26.45	26.45	26.50	26.56	26.43
9	26.44	26.44	26.44	26.44	26.44	26.45	26.45	26.44	26.44	26.43	26.42	26.40	26.38	26.36	26.34	26.32	26.30	26.29	26.29	26.31	26.32	26.33	26.34	26.36	26.38	26.45	26.29
10	26.36	26.33	26.34	26.33	26.34	26.35	26.35	26.36	26.36	26.36	26.35	26.34	26.33	26.31	26.29	26.27	26.26	26.26	26.27	26.30	26.33	26.35	26.37	26.38	26.33	26.38	26.26
11	26.38	26.39	26.40	26.41	26.43	26.44	26.45	26.46	26.47	26.48	26.47	26.46	26.46	26.44	26.44	26.42	26.41	26.40	26.40	26.41	26.44	26.47	26.48	26.48	26.44	26.48	26.38
12	26.49	26.48	26.48	26.48	26.48	26.48	26.50	26.50	26.50	26.50	26.49	26.48	26.47	26.45	26.44	26.42	26.41	26.41	26.41	26.41	26.43	26.45	26.46	26.46	26.46	26.50	26.41
13	26.47	26.47	26.47	26.47	26.47	26.47	26.48	26.47	26.47	26.46	26.45	26.44	26.43	26.41	26.38	26.37	26.36	26.35	26.35	26.37	26.39	26.42	26.44	26.44	26.43	26.48	26.35
14	26.45	26.46	26.47	26.47	26.48	26.49	26.49	26.49	26.50	26.49	26.48	26.47	26.46	26.45	26.43	26.41	26.40	26.39	26.39	26.40	26.41	26.42	26.44	26.45	26.45	26.50	26.39
15	26.45	26.45	26.45	26.44	26.44	26.44	26.44	26.44	26.44	26.43	26.41	26.40	26.39	26.37	26.36	26.35	26.33	26.31	26.31	26.33	26.37	26.38	26.41	26.42	26.40	26.45	26.31
16	26.42	26.43	26.44	26.45	26.46	26.48	26.50	26.50	26.50	26.51	26.50	26.49	26.48	26.46	26.45	26.44	26.43	26.42	26.42	26.41	26.42	26.44	26.45	26.46	26.46	26.51	26.41
17	26.46	26.46	26.46	26.46	26.46	26.47	26.48	26.48	26.49	26.49	26.47	26.47	26.46	26.44	26.43	26.42	26.41	26.40	26.40	26.40	26.41	26.44	26.45	26.46	26.45	26.49	26.40
18	26.46	26.46	26.46	26.45	26.45	26.46	26.46	26.46	26.46	26.46	26.44	26.43	26.42	26.41	26.39	26.37	26.36	26.34	26.33	26.33	26.34	26.37	26.38	26.39	26.41	26.46	26.33
19	26.40	26.41	26.42	26.43	26.45	26.47	26.49	26.49	26.50	26.50	26.49	26.49	26.48	26.48	26.47	26.46	26.45	26.45	26.45	26.46	26.48	26.51	26.53	26.53	26.47	26.53	26.40
20	26.54	26.54	26.54	26.54	26.53	26.53	26.54	26.54	26.54	26.53	26.52	26.50	26.49	26.46	26.45	26.43	26.41	26.40	26.39	26.39	26.38	26.39	26.39	26.38	26.47	26.54	26.38
21	26.38	26.37	26.36	26.36	26.35	26.36	26.36	26.37	26.37	26.37	26.36	26.36	26.35	26.33	26.32	26.32	26.32	26.37	26.39	26.42	26.45	26.47	26.49	26.50	26.38	26.50	26.32
22	26.50	26.52	26.52	26.53	26.54	26.56	26.57	26.58	26.58	26.58	26.57	26.55	26.53	26.51	26.50	26.49	26.48	26.47	26.46	26.47	26.48	26.49	26.49	26.49	26.52	26.58	26.46
23	26.50	26.51	26.52	26.52	26.54	26.55	26.56	26.57	26.56	26.56	26.55	26.54	26.52	26.50	26.48	26.46	26.45	26.44	26.44	26.44	26.45	26.48	26.50	26.50	26.51	26.57	26.44
24	26.50	26.50	26.51	26.52	26.53	26.55	26.56	26.56	26.56	26.55	26.54	26.53	26.52	26.51	26.50	26.49	26.48	26.48	26.48	26.49	26.51	26.53	26.54	26.55	26.52	26.56	26.48
25	26.56	26.58	26.58	26.59	26.61	26.62	26.63	26.64	26.64	26.65	26.64	26.64	26.63	26.61	26.60	26.58	26.57	26.57	26.56	26.56	26.56	26.57	26.58	26.58	26.60	26.65	26.56
26	26.58	26.58	26.58	26.58	26.60	26.61	26.61	26.62	26.62	26.61	26.60	26.59	26.58	26.56	26.55	26.54	26.52	26.50	26.48	26.49	26.50	26.51	26.51	26.51	26.56	26.62	26.48
27	26.52	26.53	26.54	26.54	26.54	26.54	26.55	26.56	26.56	26.55	26.54	26.54	26.54	26.52	26.49	26.47	26.46	26.46	26.44	26.44	26.45	26.46	26.47	26.47	26.51	26.56	26.44
28	26.48	26.47	26.48	26.48	26.48	26.49	26.50	26.50	26.50	26.49	26.48	26.48	26.46	26.44	26.43	26.40	26.39	26.38	26.37	26.37	26.37	26.39	26.43	26.47	26.45	26.50	26.37
29	26.49	26.44	26.45	26.46	26.48	26.49	26.52	26.51	26.51	26.51	26.50	26.50	26.48	26.47	26.46	26.44	26.43	26.42	26.42	26.42	26.43	26.45	26.47	26.48	26.47	26.52	26.42
30	26.49	26.51	26.51	26.52	26.52	26.53	26.54	26.54	26.54	26.54	26.54	26.53	26.51	26.49	26.47	26.45	26.43	26.42	26.42	26.44	26.46	26.48	26.51	26.52	26.50	26.54	26.42
Avg	26.47	26.47	26.47	26.47	26.48	26.49	26.50	26.50	26.50	26.50	26.49	26.48	26.47	26.45	26.44	26.42	26.41	26.40	26.40	26.41	26.43	26.45	26.46	26.47	26.46	26.51	26.40
Max	26.58	26.58	26.58	26.59	26.61	26.62	26.63	26.64	26.64	26.65	26.64	26.64	26.63	26.61	26.60	26.58	26.57	26.57	26.56	26.56	26.56	26.57	26.58	26.58	26.60	26.65	26.56
Min	26.31	26.32	26.34	26.33	26.34	26.35	26.35	26.36	26.36	26.36	26.35	26.34	26.33	26.31	26.29	26.27	26.26	26.26	26.27	26.30	26.32	26.33	26.34	26.36	26.33	26.38	26.26

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Solar Radiation (watts m^2)
April 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	8	132	324	502	660	731	695	457	447	455	293	146	59	4	0	0	0	0	205	731	0
2	0	0	0	0	0	0	9	140	329	508	669	723	633	508	672	212	401	284	91	4	0	0	0	0	216	723	0
3	0	0	0	0	0	0	12	131	313	497	624	773	759	687	532	604	370	181	37	2	0	0	0	0	230	773	0
4	0	0	0	0	0	0	4	34	74	207	431	647	699	715	623	329	244	155	36	1	0	0	0	0	175	715	0
5	0	0	0	0	0	0	4	113	327	426	386	377	307	155	561	381	230	167	65	2	0	0	0	0	146	561	0
6	0	0	0	0	0	0	9	166	343	524	415	779	620	411	592	599	464	244	42	5	0	0	0	0	217	779	0
7	0	0	0	0	0	0	14	84	217	321	458	669	701	583	449	442	453	249	67	3	0	0	0	0	196	701	0
8	0	0	0	0	0	0	2	37	174	207	236	384	559	682	394	193	221	232	121	4	0	0	0	0	144	682	0
9	0	0	0	0	0	0	20	174	301	494	686	835	825	744	652	608	259	141	50	6	0	0	0	0	241	835	0
10	0	0	0	0	0	0	25	168	359	537	677	813	820	714	741	621	460	274	46	4	0	0	0	0	261	820	0
11	0	0	0	0	0	0	5	22	76	109	180	308	299	505	383	527	255	254	109	6	0	0	0	0	127	527	0
12	0	0	0	0	0	0	35	187	369	550	706	813	876	836	805	697	533	313	147	8	0	0	0	0	286	876	0
13	0	0	0	0	0	0	35	185	377	558	706	765	797	770	692	491	215	136	80	6	0	0	0	0	242	797	0
14	0	0	0	0	0	0	25	186	303	574	629	716	730	405	500	486	398	220	166	11	0	0	0	0	223	730	0
15	0	0	0	0	0	0	37	209	403	578	730	843	893	888	829	722	569	381	166	8	0	0	0	0	302	893	0
16	0	0	0	0	0	0	41	215	406	586	739	846	898	897	840	731	577	389	173	8	0	0	0	0	306	898	0
17	0	0	0	0	0	0	42	212	402	579	728	837	887	885	829	720	570	382	172	9	0	0	0	0	302	887	0
18	0	0	0	0	0	1	46	202	330	475	608	753	858	875	815	727	575	387	177	9	0	0	0	0	285	875	0
19	0	0	0	0	0	0	45	209	390	560	700	812	857	814	801	645	516	345	160	14	0	0	0	0	286	857	0
20	0	0	0	0	0	1	53	200	402	572	729	832	863	883	817	714	557	372	167	13	0	0	0	0	299	883	0
21	0	0	0	0	0	1	51	213	401	582	730	838	883	864	794	695	541	348	144	10	0	0	0	0	296	883	0
22	0	0	0	0	0	1	52	195	375	554	721	834	818	833	449	504	472	386	186	14	0	0	0	0	266	834	0
23	0	0	0	0	0	1	57	221	429	609	760	825	876	918	735	691	314	164	83	7	0	0	0	0	279	918	0
24	0	0	0	0	0	0	14	88	231	403	523	560	582	337	431	423	203	122	36	8	0	0	0	0	165	582	0
25	0	0	0	0	0	1	64	244	461	636	765	803	762	643	572	419	429	81	64	36	0	0	0	0	249	803	0
26	0	0	0	0	0	2	73	255	448	621	786	868	889	938	859	743	546	393	188	21	0	0	0	0	318	938	0
27	0	0	0	0	0	2	76	259	445	628	767	875	914	917	865	754	605	420	219	16	0	0	0	0	323	917	0
28	0	0	0	0	0	5	80	270	449	585	758	859	921	917	862	752	600	412	181	21	0	0	0	0	320	921	0
29	0	0	0	0	0	3	40	120	357	608	762	875	626	820	454	511	412	117	36	9	0	0	0	0	240	875	0
30	0	0	0	0	0	3	77	247	436	610	765	872	925	923	866	759	604	416	215	27	0	0	0	0	323	925	0
Avg	0	0	0	0	0	1	35	171	342	507	634	749	759	717	662	572	430	270	116	10	0	0	0	0	249	805	0
Max	0	0	0	0	0	5	80	270	461	636	786	875	925	938	866	759	605	420	219	36	0	0	0	0	323	938	0
Min	0	0	0	0	0	0	2	22	74	109	180	308	299	155	383	193	203	81	36	1	0	0	0	0	127	527	0

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Solar Radiation (watts m^2)
May 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	4	83	262	454	629	778	884	930	928	887	686	620	298	168	39	0	0	0	0	319	930	0
2	0	0	0	0	0	3	73	257	444	622	765	864	918	891	879	658	612	353	151	23	0	0	0	0	313	918	0
3	0	0	0	0	0	4	89	256	445	624	770	871	919	918	877	670	464	271	214	16	0	0	0	0	309	919	0
4	0	0	0	0	0	4	91	253	461	608	767	890	923	923	832	365	250	396	202	15	0	0	0	0	291	923	0
5	0	0	0	0	0	6	107	254	458	633	802	915	942	921	860	748	605	422	233	37	1	0	0	0	331	942	0
6	0	0	0	0	0	6	97	182	428	632	851	877	803	411	645	544	369	301	128	18	1	0	0	0	262	877	0
7	0	0	0	0	0	3	49	73	131	191	188	197	121	184	186	132	171	88	60	22	0	0	0	0	75	197	0
8	0	0	0	0	0	6	49	227	460	624	782	875	911	930	881	774	629	455	151	58	1	0	0	0	326	930	0
9	0	0	0	0	0	8	114	293	480	649	798	902	957	950	891	778	629	448	247	46	1	0	0	0	341	957	0
10	0	0	0	0	0	8	118	310	478	622	725	910	953	923	787	549	415	259	117	27	0	0	0	0	300	953	0
11	0	0	0	0	0	5	42	100	260	274	206	Au	Au	Au	439	415	223	229	204	11	0	0	0	0	115	439	0
12	0	0	0	0	0	7	127	288	255	359	707	913	956	947	468	388	364	177	166	35	0	0	0	0	257	956	0
13	0	0	0	0	0	11	133	314	498	697	756	763	850	853	691	573	462	363	271	87	2	0	0	0	305	853	0
14	0	0	0	0	0	9	74	170	414	490	558	481	738	728	552	653	332	76	79	24	1	0	0	0	224	738	0
15	0	0	0	0	0	1	12	26	55	123	115	203	279	216	192	386	357	126	50	6	0	0	0	0	89	386	0
16	0	0	0	0	0	3	32	79	107	255	298	372	415	399	572	193	163	387	268	42	1	0	0	0	149	572	0
17	0	0	0	0	0	13	135	173	435	667	799	887	808	185	686	557	426	251	194	40	1	0	0	0	261	887	0
18	0	0	0	0	0	6	48	134	151	226	400	421	349	289	171	77	37	171	148	32	1	0	0	0	111	421	0
19	0	0	0	0	0	3	21	115	160	271	232	430	508	552	662	576	169	114	29	1	0	0	0	0	160	662	0
20	0	0	0	0	0	3	34	111	210	254	263	450	628	594	573	551	425	61	31	4	0	0	0	0	175	628	0
21	0	0	0	0	0	6	44	90	307	649	683	739	441	740	857	805	284	187	82	22	1	0	0	0	247	857	0
22	0	0	0	0	0	14	73	159	368	341	541	815	814	232	374	201	274	153	105	61	2	0	0	0	189	815	0
23	0	0	0	0	0	8	42	126	321	559	759	622	850	769	764	728	570	468	197	57	4	0	0	0	285	850	0
24	0	0	0	0	0	24	158	335	503	677	810	873	954	775	824	734	424	477	271	33	2	0	0	0	328	954	0
25	0	0	0	0	0	14	146	232	482	657	752	280	570	358	845	702	306	237	177	117	4	0	0	0	245	845	0
26	0	0	0	0	0	21	164	270	456	575	834	687	410	784	641	731	401	274	318	94	3	0	0	0	278	834	0
27	0	0	0	0	0	19	153	326	498	684	815	637	623	996	587	337	27	222	339	103	4	0	0	0	265	996	0
28	0	0	0	0	0	22	156	332	513	679	813	913	957	951	899	799	650	485	302	101	3	0	0	0	357	957	0
29	0	0	0	0	0	24	139	334	517	677	802	907	901	892	829	699	533	459	173	76	3	0	0	0	332	907	0
30	0	0	0	0	0	14	79	207	380	478	442	331	580	577	384	489	676	532	157	26	1	0	0	0	223	676	0
31	0	0	0	0	0	17	122	276	480	655	618	758	735	599	888	426	478	213	170	105	4	0	0	0	273	888	0
Avg	0	0	0	0	0	10	90	212	374	519	627	689	725	681	665	546	398	289	174	44	1	0	0	0	250	796	0
Max	0	0	0	0	0	24	164	335	517	697	851	915	957	996	899	805	676	532	339	117	4	0	0	0	357	996	0
Min	0	0	0	0	0	1	12	26	55	123	115	197	121	184	171	77	27	61	29	1	0	0	0	0	75	197	0

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Solar Radiation (watts m^2)
June 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	5	73	251	277	404	726	802	913	577	579	352	608	496	231	53	3	0	0	0	265	913	0
2	0	0	0	0	0	10	160	260	248	293	415	513	657	444	728	538	469	288	206	22	5	0	0	0	219	728	0
3	0	0	0	0	0	19	83	229	305	605	665	625	907	516	678	476	598	228	201	60	4	0	0	0	258	907	0
4	0	0	0	0	0	20	146	303	512	693	823	850	951	862	504	280	281	224	132	31	6	0	0	0	276	951	0
5	0	0	0	0	0	6	46	344	465	592	817	955	984	953	897	802	656	504	281	110	12	0	0	0	351	984	0
6	0	0	0	0	0	25	162	336	514	676	808	904	950	953	815	809	660	497	321	127	4	0	0	0	357	953	0
7	0	0	0	0	0	25	169	343	523	685	817	915	956	948	884	795	678	431	265	135	8	0	0	0	357	956	0
8	0	0	0	0	0	27	163	337	516	681	814	912	951	946	889	793	649	488	309	124	4	0	0	0	358	951	0
9	0	0	0	0	0	27	163	336	512	673	808	903	956	812	191	335	496	484	187	74	5	0	0	0	290	956	0
10	0	0	0	0	0	11	67	210	515	681	821	903	577	904	954	839	679	453	324	131	8	0	0	0	337	954	0
11	0	0	0	0	0	29	169	346	528	693	826	929	974	969	918	816	673	508	325	131	6	0	0	0	368	974	0
12	0	0	0	0	0	29	174	351	528	694	826	923	971	970	922	825	683	522	341	145	6	0	0	0	371	971	0
13	0	0	0	0	0	31	183	364	545	711	846	947	992	988	938	840	696	525	333	139	7	0	0	0	379	992	0
14	0	0	0	0	0	36	171	348	525	704	833	904	913	811	917	844	632	513	317	177	16	0	0	0	361	917	0
15	0	0	0	0	0	26	152	329	512	671	819	919	964	965	583	764	598	552	276	49	4	0	0	0	341	965	0
16	0	0	0	0	0	29	159	341	522	686	815	904	913	847	852	791	655	493	253	132	10	0	0	0	350	913	0
17	0	0	0	0	0	20	156	336	517	675	796	914	961	956	929	722	469	541	334	128	8	0	0	0	353	961	0
18	0	0	0	0	0	20	100	347	503	537	670	594	577	747	847	832	611	381	313	128	9	0	0	0	301	847	0
19	0	0	0	0	0	28	165	339	521	690	827	932	975	972	931	832	690	527	342	143	8	0	0	0	372	975	0
20	0	0	0	0	0	12	98	269	522	683	825	926	969	828	745	822	650	360	148	82	14	0	0	0	331	969	0
21	0	0	0	0	0	18	97	185	255	263	472	501	938	758	469	672	244	237	233	75	7	0	0	0	226	938	0
22	0	0	0	0	0	27	167	341	519	683	817	916	993	854	526	628	667	517	329	130	6	0	0	0	338	993	0
23	0	0	0	0	0	26	163	335	513	677	811	911	960	961	877	755	628	401	207	92	10	0	0	0	347	961	0
24	0	0	0	0	0	19	146	324	518	692	885	1000	940	403	446	736	448	477	278	79	12	0	0	0	308	1000	0
25	0	0	0	0	0	26	164	336	514	677	812	913	961	961	916	822	681	520	340	152	7	0	0	0	367	961	0
26	0	0	0	0	0	26	166	340	519	683	818	919	963	955	909	813	668	491	315	122	9	0	0	0	363	963	0
27	0	0	0	0	0	28	82	204	450	455	641	681	321	594	681	653	322	247	241	83	11	0	0	0	237	681	0
28	0	0	0	0	0	28	144	312	507	615	510	859	861	746	483	661	394	122	121	88	9	0	0	0	269	861	0
29	0	0	0	0	0	21	137	112	393	474	851	785	908	754	654	458	289	154	173	84	15	0	0	0	261	908	0
30	0	0	0	0	0	21	148	320	495	657	789	891	940	939	904	815	672	519	339	136	10	0	0	0	358	940	0
Avg	0	0	0	0	0	23	139	304	476	620	767	852	893	830	752	704	571	423	267	105	8	0	0	0	322	931	0
Max	0	0	0	0	0	36	183	364	545	711	885	1000	993	988	954	844	696	552	342	177	16	0	0	0	379	1000	0
Min	0	0	0	0	0	5	46	112	248	263	415	501	321	403	191	280	244	122	121	22	3	0	0	0	219	681	0

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Precipitation (Inches)
April 2015

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.070	0.120	0.100	0.000	0.000	0.000	0.000	0.000	0.010	0.170	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.490	0.170
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.010	0.020	0.050	0.040	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.140	0.050
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.020	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.060	0.030
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.000	0.010	0.040	0.080	0.110	0.120	0.110	0.000	0.000	0.000	0.000	0.000	0.010	0.170	0.020	0.000	0.020	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.710	0.000
Max	0.000	0.010	0.020	0.050	0.070	0.120	0.100	0.000	0.000	0.000	0.000	0.000	0.010	0.170	0.020	0.000	0.010	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.490	0.170

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Precipitation (Inches)
May 2015

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.020	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.050	0.020
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Au	Au	Au	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.070	0.000	0.000	0.110	0.070
13	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.010
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.020	0.010
15	0.000	0.000	0.000	0.000	0.000	0.050	0.050	0.060	0.060	0.050	0.020	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.310	0.060
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.110	0.100
18	0.000	0.000	0.010	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.010
19	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.070	0.170	0.070	0.030	0.000	0.000	0.370	0.170
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.030	0.010	0.000	0.000	0.000	0.060	0.030
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.060	0.090	0.060
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.030
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.080	0.080
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.040
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.000	0.000	0.000	0.060	0.060
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.010	0.010	0.010	0.000	0.000	0.060	0.060	0.080	0.060	0.050	0.020	0.040	0.090	0.110	0.030	0.010	0.030	0.060	0.090	0.200	0.180	0.100	0.040	0.080	1.420	0.000
Max	0.010	0.010	0.010	0.000	0.000	0.050	0.050	0.060	0.060	0.050	0.020	0.030	0.080	0.100	0.020	0.010	0.020	0.040	0.070	0.170	0.070	0.070	0.030	0.060	0.370	0.170

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Precipitation (Inches)
June 2015

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
2	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.060	0.030
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.010	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.030	0.010	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.090	0.000
Max	0.010	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.030	0.010	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.060	0.030

PART E: HOURLY METEOROLOGICAL DATA, THIRD QUARTER 2015

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Wind Speed (miles per hour)
July 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	5.7	3.8	3.3	3.2	2.0	2.5	4.4	8.2	10.8	7.8	6.5	6.0	7.6	6.8	7.6	10.8	7.9	10.0	10.0	7.4	2.5	6.5	3.8	2.8	6.2	10.8	2.0
2	5.0	2.9	3.6	1.5	1.4	2.1	2.2	6.1	5.6	4.9	5.4	6.1	7.3	6.1	7.5	7.9	9.1	12.9	11.8	12.3	14.4	8.2	5.0	5.2	6.4	14.4	1.4
3	6.5	3.5	3.7	2.9	3.8	2.7	2.2	2.6	8.9	10.2	9.0	7.2	7.9	8.7	8.4	7.6	9.9	11.7	10.6	7.7	2.9	2.4	4.3	3.8	6.2	11.7	2.2
4	3.5	2.7	4.5	4.2	6.5	5.7	6.7	6.1	5.6	5.0	5.6	6.1	7.9	7.6	7.3	8.0	8.2	6.9	6.6	8.6	6.8	5.2	5.7	6.8	6.2	8.6	2.7
5	3.3	8.6	15.3	15.5	11.0	10.5	21.4	23.8	23.8	21.3	21.1	14.9	17.7	17.0	20.6	22.9	20.8	19.5	16.8	15.1	15.5	14.4	16.6	16.4	16.8	23.8	3.3
6	12.6	10.3	5.4	6.5	6.5	6.8	6.8	6.2	7.8	6.2	5.2	4.6	4.6	5.9	11.1	8.7	8.8	4.3	5.8	8.3	3.8	3.7	2.1	3.0	6.5	12.6	2.1
7	3.2	3.3	2.8	3.7	2.4	2.6	1.9	3.2	7.8	6.2	9.1	9.6	6.4	7.9	8.3	8.8	12.0	6.3	9.9	11.6	12.7	15.6	17.1	12.2	7.7	17.1	1.9
8	8.6	11.6	9.9	9.4	10.8	12.3	12.0	12.4	11.2	7.6	6.9	8.7	18.6	22.8	23.6	20.3	14.0	7.7	23.7	15.6	5.8	5.3	8.2	6.1	12.2	23.7	5.3
9	2.6	1.3	1.1	1.7	2.1	2.0	2.3	8.7	12.3	6.5	5.0	10.6	11.6	13.7	11.6	11.2	10.4	8.6	10.7	10.2	9.7	13.9	23.9	22.4	8.9	23.9	1.1
10	13.5	9.5	6.7	6.8	9.0	11.0	11.1	10.9	11.9	11.0	7.6	8.5	9.3	9.2	9.5	8.7	13.5	14.4	14.7	10.2	8.0	6.8	7.8	2.9	9.7	14.7	2.9
11	1.5	1.6	1.8	4.0	6.2	6.7	5.7	7.2	5.9	8.5	9.3	8.3	10.2	12.1	16.0	6.5	9.1	9.3	8.5	7.1	5.8	7.2	4.0	5.6	7.0	16.0	1.5
12	4.7	2.0	2.9	5.5	5.0	3.1	6.1	7.8	4.6	4.5	5.9	7.3	7.2	9.9	11.9	13.6	18.5	14.6	13.2	11.3	7.3	4.3	1.8	2.4	7.3	18.5	1.8
13	3.4	6.2	6.4	6.2	6.7	5.1	1.0	1.7	2.4	2.6	3.4	5.5	8.4	10.5	6.9	7.0	5.5	7.6	15.1	12.6	6.6	2.7	3.6	4.1	5.9	15.1	1.0
14	1.6	1.7	2.4	2.2	2.9	2.8	1.2	4.4	7.2	8.8	10.4	9.3	10.0	10.5	10.5	8.1	8.2	15.5	10.5	5.8	5.2	2.4	7.1	3.1	6.3	15.5	1.2
15	1.7	1.5	4.9	4.1	2.2	1.9	3.6	5.5	5.3	7.3	6.6	6.0	6.9	6.5	6.5	6.8	7.9	7.8	7.2	7.4	5.8	6.7	7.2	5.1	5.5	7.9	1.5
16	4.2	2.8	2.4	3.7	2.2	2.8	1.9	3.3	3.6	5.0	5.8	8.4	9.3	8.6	9.9	10.1	10.3	14.5	17.4	17.1	15.2	14.2	15.0	12.8	8.4	17.4	1.9
17	12.9	12.1	12.5	11.2	11.5	6.6	10.0	9.0	10.2	11.2	12.0	7.9	10.4	10.5	12.9	12.5	11.9	8.0	12.4	12.0	11.5	8.9	7.2	9.2	10.6	12.9	6.6
18	5.8	7.2	5.2	5.6	8.8	7.7	9.5	8.2	10.3	9.3	9.2	8.0	6.3	7.9	7.1	8.2	5.5	8.0	7.8	8.1	3.3	2.7	3.6	1.6	6.9	10.3	1.6
19	1.7	3.7	3.7	2.5	2.2	2.4	2.1	3.1	4.6	6.7	9.2	7.6	9.1	11.3	11.8	10.6	8.7	7.5	8.7	7.9	3.7	3.0	2.2	2.7	5.7	11.8	1.7
20	1.9	2.0	2.1	2.8	3.4	7.5	3.0	3.4	4.1	3.8	4.1	6.8	7.9	9.7	8.0	7.6	8.9	7.5	5.9	6.2	9.9	13.3	12.4	7.0	6.2	13.3	1.9
21	6.1	11.6	7.0	6.6	4.7	2.3	3.5	2.6	7.6	7.1	9.7	10.3	12.5	11.3	12.2	10.0	7.6	8.3	6.8	14.3	22.2	12.5	8.9	11.6	9.1	22.2	2.3
22	8.5	8.5	13.6	7.8	7.8	8.9	8.8	10.0	5.8	4.0	4.5	6.7	7.1	6.3	7.5	8.7	11.9	8.3	6.4	7.4	5.2	1.8	1.6	7.4	7.3	13.6	1.6
23	11.8	11.4	6.0	2.1	2.0	3.0	1.5	4.5	9.6	8.7	8.5	8.5	9.7	6.1	9.3	10.5	10.1	10.0	6.5	9.3	9.2	7.1	6.7	10.7	7.6	11.8	1.5
24	8.9	4.6	3.0	3.1	2.5	2.0	3.8	9.2	10.3	8.3	6.1	7.0	8.3	10.6	12.4	13.0	14.3	13.3	11.1	7.7	8.5	11.5	7.1	7.2	8.1	14.3	2.0
25	3.1	3.6	3.2	4.0	7.7	4.3	6.9	10.6	7.1	9.2	11.6	9.7	11.4	13.6	13.7	9.5	12.5	9.5	7.9	9.1	5.4	9.6	8.5	6.1	8.2	13.7	3.1
26	7.7	5.5	4.5	5.1	12.1	13.6	12.9	11.2	9.3	8.8	8.7	6.8	7.0	6.0	7.0	9.4	4.6	4.1	10.0	20.0	11.0	13.3	14.2	8.3	9.2	20.0	4.1
27	9.0	10.8	15.8	17.4	9.3	7.4	12.2	15.6	15.0	13.7	11.9	8.5	10.0	11.3	11.7	10.7	11.2	11.1	12.2	11.5	9.4	6.2	7.7	4.7	11.0	17.4	4.7
28	2.9	2.8	1.6	1.6	1.4	1.2	1.3	6.2	5.9	5.3	6.5	6.2	6.8	6.7	6.2	6.7	6.2	7.8	7.3	8.1	3.7	1.5	2.7	2.0	4.5	8.1	1.2
29	2.1	0.6	1.0	3.2	4.0	3.7	5.8	5.1	3.6	6.2	9.2	9.3	9.2	8.5	7.6	6.9	7.3	7.5	7.3	6.1	4.8	2.9	1.1	1.4	5.2	9.3	0.6
30	1.3	1.2	4.0	6.8	8.4	6.7	8.6	8.8	7.0	3.5	5.3	8.2	8.9	9.7	8.0	8.7	9.3	9.4	8.1	6.4	3.3	2.4	3.1	5.4	6.4	9.7	1.2
31	6.9	3.3	1.7	4.1	9.0	5.6	9.3	8.3	7.8	4.2	4.7	6.4	7.3	8.4	8.8	8.7	11.3	10.9	12.9	8.7	3.3	4.7	3.7	4.4	6.9	12.9	1.7
Avg	5.6	5.2	5.2	5.3	5.7	5.3	6.1	7.5	8.2	7.5	7.9	7.9	9.1	9.7	10.4	10.0	10.2	9.8	10.4	10.0	7.8	7.1	7.2	6.6	7.7	14.6	2.2
Max	13.5	12.1	15.8	17.4	12.1	13.6	21.4	23.8	23.8	21.3	21.1	14.9	18.6	22.8	23.6	22.9	20.8	19.5	23.7	20.0	22.2	15.6	23.9	22.4	16.8	23.9	6.6
Min	1.3	0.6	1.0	1.5	1.4	1.2	1.0	1.7	2.4	2.6	3.4	4.6	4.6	5.9	6.2	6.5	4.6	4.1	5.8	5.8	2.5	1.5	1.1	1.4	4.5	7.9	0.6

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Wind Speed (miles per hour)
August 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	5.1	3.9	1.9	3.4	8.3	6.7	9.7	8.4	8.4	4.5	5.4	6.1	8.1	11.0	11.5	10.7	9.5	9.6	10.6	7.3	3.9	2.9	5.2	3.2	6.9	11.5	1.9
2	3.2	4.4	5.0	4.4	2.6	2.9	2.0	3.4	8.0	9.7	10.1	6.9	6.5	7.4	6.8	6.5	6.6	5.6	7.7	7.6	3.1	7.8	8.1	18.1	6.4	18.1	2.0
3	17.3	22.2	34.5	30.5	25.7	11.6	8.5	8.8	12.0	13.6	12.2	9.3	9.7	10.4	7.9	7.3	7.8	7.6	7.5	7.7	9.2	6.2	8.4	23.5	13.3	34.5	6.2
4	15.1	9.4	4.3	8.7	3.1	2.8	6.1	10.4	12.3	12.3	9.6	8.6	8.1	10.0	8.5	5.9	8.8	6.4	8.9	12.4	8.2	7.2	7.8	7.1	8.4	15.1	2.8
5	15.1	6.2	4.6	7.1	7.1	4.2	5.5	5.0	4.1	3.1	8.3	3.5	5.7	7.7	8.7	10.5	12.0	8.4	5.7	6.8	9.7	7.1	11.4	5.9	7.2	15.1	3.1
6	4.3	4.3	2.5	4.3	3.7	3.1	2.1	2.2	9.2	8.1	5.8	6.0	6.1	6.8	6.8	8.5	8.5	11.9	10.9	7.9	3.1	4.6	5.7	5.0	5.9	11.9	2.1
7	3.8	2.9	3.5	3.8	1.8	1.4	1.8	2.2	8.3	7.8	6.7	5.8	4.0	4.8	4.4	4.1	8.3	11.6	14.7	15.3	14.7	13.6	14.8	13.5	7.2	15.3	1.4
8	14.2	13.8	13.2	15.8	11.5	11.9	14.0	17.8	16.7	15.9	13.0	9.4	8.9	6.4	10.8	11.6	12.6	13.5	15.9	16.6	12.7	11.2	10.3	9.5	12.8	17.8	6.4
9	11.1	12.0	12.8	7.3	11.8	6.8	4.6	4.1	3.0	3.0	5.5	5.8	8.7	11.2	12.5	15.6	13.9	12.3	13.7	13.0	7.5	7.8	11.5	11.0	9.4	15.6	3.0
10	11.7	12.7	9.0	2.4	3.3	3.8	3.1	3.0	6.9	9.7	7.5	7.3	8.1	14.3	15.7	10.1	7.1	6.3	3.8	7.4	4.5	4.4	2.6	2.5	7.0	15.7	2.4
11	4.9	5.4	3.9	2.8	4.2	3.4	5.4	11.7	9.6	9.5	4.5	8.2	14.2	17.6	15.2	10.3	10.1	8.2	10.6	13.8	9.8	8.4	6.8	3.2	8.4	17.6	2.8
12	3.2	2.2	4.9	4.9	2.8	2.8	1.9	2.6	9.9	11.1	10.9	11.4	11.6	11.2	8.8	11.9	11.6	10.6	10.5	9.2	4.1	2.8	1.5	1.4	6.8	11.9	1.4
13	2.6	2.1	2.0	2.6	1.9	2.8	3.3	3.8	4.2	3.1	7.1	9.4	10.6	16.6	18.1	15.8	18.4	18.9	17.6	12.1	12.8	13.2	11.0	7.2	9.0	18.9	1.9
14	9.7	15.1	13.4	8.3	11.0	9.5	7.7	6.1	7.4	9.1	10.8	8.0	10.2	19.8	20.2	19.2	19.8	21.4	21.9	19.0	15.0	13.0	10.9	5.8	13.0	21.9	5.8
15	9.9	9.6	4.8	3.4	3.1	2.1	1.9	3.6	3.5	4.3	5.5	4.7	5.1	4.4	7.2	5.8	5.9	10.3	8.7	4.9	3.1	3.5	2.2	3.8	5.1	10.3	1.9
16	2.2	2.4	3.5	2.7	2.9	1.6	2.4	3.2	4.5	7.9	7.0	6.0	5.9	5.1	6.0	4.8	8.6	9.7	8.8	5.7	4.6	4.0	4.3	2.1	4.8	9.7	1.6
17	2.7	2.5	1.8	2.8	2.6	2.3	1.5	2.2	6.3	7.2	6.9	9.4	9.5	8.7	8.9	10.2	9.9	11.4	10.7	8.5	7.1	3.5	2.8	5.0	6.0	11.4	1.5
18	5.7	2.9	3.0	2.5	2.6	2.4	2.0	1.7	6.7	10.9	9.8	7.6	6.9	5.3	7.1	7.6	7.6	9.0	8.7	4.8	4.2	1.9	3.1	3.1	5.3	10.9	1.7
19	3.3	2.3	1.8	1.6	1.2	2.9	2.6	7.6	8.2	5.0	4.3	4.5	7.1	8.3	8.8	10.7	9.4	8.5	7.1	2.0	2.5	1.8	1.7	1.2	4.8	10.7	1.2
20	1.6	2.3	1.9	5.7	6.8	2.2	2.9	4.5	8.8	Au	Au	Au	9.5	9.8	11.9	9.6	9.5	11.2	8.7	9.0	9.0	4.4	9.2	8.8	7.0	11.9	1.6
21	2.8	2.4	3.5	2.1	2.7	5.9	17.1	5.5	10.2	11.5	7.8	9.9	10.3	12.6	10.9	11.2	11.6	13.1	15.1	13.5	13.1	15.1	17.2	17.3	10.1	17.3	2.1
22	17.8	12.0	15.1	9.7	2.1	2.2	2.1	3.8	9.9	8.7	7.6	7.1	5.5	5.3	5.7	5.1	5.1	6.3	8.3	4.0	3.4	1.2	2.2	2.7	6.4	17.8	1.2
23	1.9	1.8	3.2	1.6	2.5	2.1	2.0	3.6	8.2	6.5	5.8	6.0	6.3	7.8	8.1	8.8	9.2	10.2	7.3	5.9	2.0	1.7	1.7	2.2	4.9	10.2	1.6
24	2.2	2.1	3.5	2.9	2.7	6.5	9.2	8.7	9.5	9.6	8.1	4.0	5.8	9.1	9.0	11.7	11.0	11.2	7.3	4.4	4.3	2.7	4.6	9.9	6.7	11.7	2.1
25	11.5	4.5	2.6	3.1	4.2	3.6	13.4	10.9	4.3	4.7	3.1	5.1	5.7	6.5	9.2	9.1	9.4	9.6	7.6	5.0	3.7	2.5	2.2	4.7	6.1	13.4	2.2
26	5.5	5.4	2.4	2.9	4.0	7.4	11.1	11.3	10.2	7.8	4.1	5.6	4.7	5.8	8.1	6.6	8.4	11.7	6.6	6.0	2.8	5.7	3.1	3.2	6.3	11.7	2.4
27	5.4	11.6	11.1	8.2	6.4	7.3	11.8	7.0	10.5	9.8	12.1	11.2	11.0	11.4	13.0	9.7	7.1	5.4	6.2	6.5	7.0	2.9	2.5	5.2	8.3	13.0	2.5
28	5.6	4.7	2.9	2.8	2.2	4.2	8.6	9.2	11.4	9.5	8.1	8.5	7.5	6.7	6.0	6.2	7.1	6.9	9.7	6.2	4.0	3.8	2.4	3.0	6.1	11.4	2.2
29	6.0	10.7	8.7	6.3	6.6	10.2	11.5	10.0	13.0	16.6	19.9	22.9	18.5	24.5	22.5	16.1	15.0	16.9	18.7	19.1	15.4	16.6	13.6	10.6	14.6	24.5	6.0
30	8.4	2.9	2.4	2.9	2.0	7.4	8.9	6.7	10.2	15.9	14.6	13.9	12.5	13.2	14.1	14.8	13.3	12.2	11.8	13.3	10.0	4.5	2.7	2.6	9.2	15.9	2.0
31	2.6	2.7	2.2	1.4	1.7	3.0	2.3	1.8	3.3	4.0	4.5	5.9	7.6	10.4	12.6	13.4	13.7	10.2	8.1	3.8	3.8	2.3	1.9	2.7	5.2	13.7	1.4
Avg	7.0	6.4	6.1	5.4	5.0	4.7	6.0	6.2	8.3	8.7	8.2	7.9	8.4	10.0	10.5	10.0	10.2	10.5	10.3	9.0	7.0	6.1	6.2	6.6	7.7	15.0	2.5
Max	17.8	22.2	34.5	30.5	25.7	11.9	17.1	17.8	16.7	16.6	19.9	22.9	18.5	24.5	22.5	19.2	19.8	21.4	21.9	19.1	15.4	16.6	17.2	23.5	14.6	34.5	6.4
Min	1.6	1.8	1.8	1.4	1.2	1.4	1.5	1.7	3.0	3.0	3.1	3.5	4.0	4.4	4.4	4.1	5.1	5.4	3.8	2.0	2.0	1.2	1.5	1.2	4.8	9.7	1.2

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Wind Speed (miles per hour)
September 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	3.0	3.2	2.9	2.6	1.6	3.0	6.4	7.2	8.1	3.2	5.4	4.8	4.8	5.9	7.3	7.6	5.1	10.9	7.9	5.4	3.2	5.0	8.9	9.2	5.5	10.9	1.6
2	10.6	11.7	9.8	8.9	9.7	9.4	7.8	5.2	5.6	5.9	11.9	14.9	11.8	9.8	9.8	10.0	5.3	7.7	12.9	8.6	8.3	7.2	12.3	14.1	9.6	14.9	5.2
3	12.6	10.1	7.9	3.5	5.9	11.1	10.7	9.5	8.3	4.5	5.2	2.6	3.9	4.2	5.5	6.6	7.1	5.6	7.7	5.1	6.3	4.9	6.5	4.9	6.7	12.6	2.6
4	2.7	3.4	2.9	2.5	3.2	1.8	1.7	1.7	3.4	6.3	6.0	6.1	6.4	7.6	10.4	8.8	26.2	28.5	18.9	9.4	3.7	4.5	7.5	14.9	7.9	28.5	1.7
5	15.2	16.7	15.3	5.4	8.2	9.2	14.0	9.5	11.1	12.0	11.7	10.7	11.3	9.8	8.7	5.0	6.3	6.3	6.9	5.2	2.3	2.9	3.0	2.3	8.7	16.7	2.3
6	2.4	2.2	2.9	2.4	1.3	2.2	1.6	5.6	5.6	5.5	4.6	6.5	8.1	10.8	14.7	11.0	11.8	10.9	8.6	3.4	2.6	4.7	3.3	3.3	5.7	14.7	1.3
7	2.4	3.9	2.4	2.3	2.3	2.4	3.3	2.2	2.5	4.2	4.4	4.3	5.5	4.2	7.9	9.3	5.8	7.0	9.7	5.7	4.7	3.0	2.6	4.6	4.4	9.7	2.2
8	3.0	3.9	2.9	2.6	2.3	3.4	2.2	5.5	8.3	7.7	6.4	5.8	4.9	8.1	8.4	6.4	8.0	6.4	6.5	6.8	4.3	2.6	2.2	1.8	5.0	8.4	1.8
9	2.0	3.2	1.5	1.7	5.0	4.3	5.9	5.2	9.2	4.8	3.2	4.0	8.0	8.4	8.4	5.8	6.0	6.2	6.3	7.0	4.4	1.8	2.6	2.9	4.9	9.2	1.5
10	2.3	2.3	2.8	3.6	2.8	2.3	4.8	3.7	2.7	3.3	5.4	6.4	6.4	6.4	7.0	6.6	8.1	8.3	7.2	3.7	1.6	1.4	2.9	2.2	4.3	8.3	1.4
11	3.5	2.7	2.1	1.7	4.1	8.9	3.0	6.7	10.1	9.2	5.6	4.6	7.5	8.5	6.4	6.4	8.4	7.1	4.9	3.9	3.1	2.1	1.6	1.2	5.1	10.1	1.2
12	1.3	2.5	1.2	3.7	8.3	9.1	9.0	11.8	12.4	12.2	10.2	9.6	7.9	4.9	6.1	8.7	10.8	12.2	4.6	3.3	2.1	4.3	4.3	2.6	6.8	12.4	1.2
13	2.1	2.6	2.7	3.7	3.9	3.5	3.8	5.6	5.8	6.6	8.7	10.2	7.8	8.0	7.6	10.5	11.7	9.3	7.8	9.3	7.6	5.2	5.0	4.0	6.4	11.7	2.1
14	4.7	5.2	5.5	1.7	2.3	2.0	3.4	1.5	2.8	5.2	4.2	6.6	2.7	4.8	10.7	9.1	8.0	4.6	4.8	9.7	6.7	8.6	4.8	3.4	5.1	10.7	1.5
15	2.4	7.2	3.2	2.7	8.5	7.3	2.4	5.3	7.1	7.3	4.3	8.9	8.4	10.0	11.5	9.9	10.5	10.4	8.9	6.7	11.6	11.8	11.1	7.4	7.7	11.8	2.4
16	10.8	10.3	7.7	5.8	7.2	6.7	6.7	7.1	9.1	10.9	11.3	9.7	10.8	8.7	9.9	8.6	6.9	4.7	6.5	7.1	4.1	4.2	5.6	4.0	7.7	11.3	4.0
17	3.8	6.4	6.5	7.0	6.6	5.6	7.9	6.2	6.4	10.7	12.2	14.6	18.8	18.2	14.6	17.1	16.4	12.3	9.6	9.9	6.3	2.6	2.4	2.1	9.3	18.8	2.1
18	2.5	1.7	2.0	4.4	2.9	8.3	7.6	8.3	8.4	8.5	8.7	7.1	7.3	6.8	6.4	9.9	10.9	11.7	8.6	5.8	4.3	3.3	2.8	2.1	6.3	11.7	1.7
19	2.0	2.6	3.0	3.0	2.8	1.5	1.7	2.4	3.1	5.9	3.9	4.2	4.6	5.7	7.4	8.6	9.4	7.3	4.9	4.1	2.0	1.5	1.8	2.4	4.0	9.4	1.5
20	3.3	2.2	1.7	2.8	4.1	3.8	6.0	7.3	9.0	7.4	7.0	7.5	6.0	6.2	6.5	7.9	8.5	8.2	6.6	2.2	5.4	5.9	3.7	3.6	5.5	9.0	1.7
21	3.4	3.2	2.8	1.9	2.2	5.6	3.4	2.2	3.6	5.5	5.5	5.4	5.0	7.5	6.2	9.5	9.2	9.3	6.5	4.8	3.5	3.2	2.1	3.3	4.8	9.5	1.9
22	3.2	3.5	2.5	2.8	3.5	2.3	2.2	7.8	7.9	8.8	7.1	4.3	4.5	5.3	6.8	7.0	5.2	8.0	6.2	4.8	2.8	4.1	2.8	3.2	4.9	8.8	2.2
23	4.0	3.4	2.7	4.6	3.8	11.3	12.2	8.3	11.4	10.4	8.0	6.1	9.6	11.8	10.9	8.6	7.9	5.8	5.6	4.0	4.8	3.3	2.6	2.2	6.8	12.2	2.2
24	2.4	2.6	4.2	3.8	2.7	2.4	3.2	2.1	1.8	4.2	5.0	4.9	5.5	6.8	5.1	7.7	7.9	6.3	7.0	2.5	3.3	3.0	2.0	1.9	4.1	7.9	1.8
25	1.7	4.7	5.1	9.5	9.8	6.7	5.1	6.7	7.7	6.6	7.3	5.8	9.0	8.0	11.4	8.5	7.4	4.2	6.0	2.4	2.4	3.6	8.8	11.6	6.7	11.6	1.7
26	12.0	12.7	11.2	9.5	11.5	14.8	10.0	6.8	8.7	5.3	4.6	5.9	5.6	8.9	8.3	10.4	8.7	8.1	6.9	9.9	10.5	8.2	10.1	9.9	9.1	14.8	4.6
27	8.1	7.8	7.6	4.1	4.5	3.5	3.2	3.7	4.8	5.3	7.0	5.2	4.6	4.9	5.2	6.7	8.1	8.7	4.4	4.5	5.9	3.9	2.7	3.6	5.3	8.7	2.7
28	3.3	2.9	3.0	1.3	1.9	2.3	3.4	3.1	6.7	4.2	6.5	6.5	7.5	7.0	7.9	9.2	9.4	7.9	4.8	3.6	2.0	1.1	1.1	1.4	4.5	9.4	1.1
29	1.8	2.2	3.1	1.8	2.6	1.9	2.0	6.2	6.0	4.3	3.3	4.4	5.8	6.8	8.0	9.1	9.7	10.1	7.1	3.7	1.5	2.0	3.2	1.5	4.5	10.1	1.5
30	2.3	2.8	2.4	2.1	5.1	9.1	8.4	10.4	11.2	9.2	8.4	3.5	3.0	2.8	8.0	6.4	5.5	3.6	4.1	3.1	2.4	5.0	7.3	5.3	5.5	11.2	2.1
Avg	4.5	5.0	4.4	3.8	4.7	5.5	5.4	5.8	7.0	6.8	6.8	6.7	7.1	7.6	8.4	8.6	9.0	8.6	7.3	5.5	4.5	4.2	4.6	4.6	6.1	11.8	2.1
Max	15.2	16.7	15.3	9.5	11.5	14.8	14.0	11.8	12.4	12.2	12.2	14.9	18.8	18.2	14.7	17.1	26.2	28.5	18.9	9.9	11.6	11.8	12.3	14.9	9.6	28.5	5.2
Min	1.3	1.7	1.2	1.3	1.3	1.5	1.6	1.5	1.8	3.2	3.2	2.6	2.7	2.8	5.1	5.0	5.1	3.6	4.1	2.2	1.5	1.1	1.1	1.2	4.0	7.9	1.1

HDR Calico Resources Site
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Wind Direction (degrees)
July 2015

	<< Hour >>																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	14	9	353	24	7	24	29	2	14	20	19	17	32	15	63	6	19	74	80	71	10	10	19	26	24
2	11	28	11	100	290	207	26	33	13	27	43	18	22	13	194	159	68	60	62	53	9	344	357	18	29
3	5	28	21	21	13	28	35	71	19	13	19	32	360	319	355	51	55	72	78	67	331	330	342	344	20
4	1	37	11	2	332	316	342	328	341	351	360	341	304	252	294	299	314	323	290	332	340	358	346	236	331
5	205	206	201	194	214	212	261	261	253	264	268	253	234	234	203	169	170	173	173	201	185	191	184	201	212
6	201	216	195	218	224	219	215	190	189	178	212	195	357	66	207	225	241	233	207	182	244	328	234	10	216
7	5	239	232	357	253	257	332	261	340	17	356	31	66	80	63	38	21	1	200	211	242	251	272	286	319
8	215	216	209	216	217	221	210	206	200	206	203	167	181	189	206	208	198	280	19	68	214	231	239	329	212
9	5	22	229	346	204	5	249	195	188	179	151	354	351	357	349	2	18	56	149	195	216	195	183	197	244
10	203	228	199	214	213	217	198	194	194	190	183	166	155	142	302	327	255	220	234	193	212	315	349	11	214
11	56	266	276	210	213	215	216	203	188	182	178	172	143	183	273	49	183	346	342	348	340	330	230	23	229
12	228	232	212	203	212	210	214	214	204	18	38	63	171	113	108	77	343	20	348	347	12	51	24	52	77
13	229	214	212	216	224	244	184	148	159	68	247	53	70	5	73	63	325	24	6	344	326	36	341	13	1
14	339	322	352	344	273	308	34	35	12	2	1	10	21	40	56	68	337	358	28	153	295	187	206	199	359
15	112	44	223	205	180	132	203	202	201	39	51	34	37	123	177	248	270	289	293	341	340	342	339	358	299
16	345	2	357	13	238	241	94	81	159	61	93	271	275	287	304	320	318	20	25	13	3	4	346	330	349
17	320	315	308	310	308	321	312	319	349	3	8	37	23	1	13	13	11	33	13	6	343	333	340	345	348
18	7	6	17	15	345	339	335	29	3	2	20	35	25	42	355	338	356	356	31	83	128	263	305	272	4
19	202	16	25	238	342	285	146	28	37	24	23	52	78	90	57	46	62	74	84	89	35	333	220	222	46
20	226	204	330	347	212	206	260	59	43	40	156	171	154	224	221	231	241	247	258	253	252	304	332	345	247
21	359	319	308	308	269	265	65	97	185	178	237	222	226	235	250	260	287	309	327	199	228	188	217	216	250
22	201	229	229	229	213	216	211	190	260	202	31	225	151	158	32	71	207	12	178	175	222	201	315	207	207
23	211	210	179	16	310	212	178	167	171	181	178	186	172	263	181	62	120	235	239	235	222	228	207	213	201
24	321	343	336	358	359	244	200	216	201	187	164	206	219	212	232	234	240	250	257	282	287	273	280	354	255
25	5	327	31	352	311	338	215	217	198	288	273	249	215	222	208	198	238	257	258	277	321	342	357	16	280
26	2	337	302	303	287	293	293	317	328	335	335	324	327	49	253	321	155	152	15	1	358	354	356	354	331
27	347	336	324	323	328	306	309	310	317	319	317	307	302	320	318	334	329	342	346	1	12	2	346	13	331
28	333	240	204	194	192	77	20	38	16	32	33	39	11	21	59	35	43	37	45	37	336	207	212	238	27
29	351	204	154	207	212	208	204	192	56	25	35	63	71	41	32	32	35	36	17	30	322	355	186	207	48
30	200	193	228	215	210	215	210	212	206	79	27	17	28	46	48	35	43	75	83	83	28	282	223	208	137
31	209	332	259	213	221	212	216	207	208	164	29	41	44	107	121	92	106	85	109	109	242	202	200	206	170
Prev	316	297	277	286	256	251	238	206	233	28	19	21	39	45	338	17	339	6	10	33	308	306	290	311	310

HDR Calico Resources Site
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Wind Direction (degrees)
August 2015

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Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	205	27	247	215	220	205	215	214	212	94	36	36	54	37	53	51	62	65	97	76	305	195	49	4	77
2	353	24	20	9	32	1	10	28	13	356	348	27	49	18	35	83	46	40	359	340	231	226	273	215	11
3	188	227	261	265	273	192	195	186	203	192	250	184	154	183	240	301	279	313	360	52	356	349	333	280	246
4	303	227	222	215	53	265	218	211	195	189	190	161	170	153	201	272	58	45	82	103	154	222	214	222	195
5	205	292	8	1	2	13	342	33	38	78	8	288	6	299	273	253	272	301	311	266	339	335	349	3	332
6	329	4	25	15	9	32	337	93	347	360	46	78	62	43	106	56	52	62	66	70	354	347	349	345	29
7	343	17	344	22	297	224	262	45	9	4	29	58	101	201	31	144	65	96	114	157	190	203	213	213	59
8	216	211	204	188	201	186	202	207	198	189	204	188	198	30	59	83	69	85	104	111	143	204	217	205	176
9	194	206	219	201	208	217	51	32	45	149	43	146	114	111	95	113	104	99	106	109	117	195	191	219	138
10	224	215	225	250	349	340	292	342	13	351	15	63	85	300	288	310	354	11	340	340	336	351	40	48	339
11	30	29	36	15	33	30	32	18	13	36	226	167	174	192	172	107	66	86	71	104	135	217	207	276	74
12	296	262	4	2	331	282	346	46	177	194	178	156	195	200	187	181	204	203	217	252	312	297	218	207	233
13	251	257	245	322	242	343	2	33	181	180	187	171	160	193	192	193	187	188	197	223	253	264	244	232	220
14	215	209	200	217	216	214	222	211	200	189	198	181	182	192	193	212	232	260	259	267	280	337	10	14	221
15	336	346	353	342	39	175	202	61	74	13	44	29	360	279	203	225	296	55	71	78	238	240	192	23	7
16	40	322	351	26	343	210	199	200	73	34	39	17	37	116	36	14	37	55	72	29	355	6	354	40	28
17	9	22	32	17	8	325	187	25	27	21	13	23	358	335	11	22	15	23	29	360	352	21	35	7	13
18	11	9	46	325	185	29	32	12	30	9	3	5	350	29	37	358	20	14	28	14	342	320	18	339	10
19	4	294	261	197	222	208	196	207	215	206	195	38	47	32	19	22	56	77	108	221	325	227	230	270	236
20	336	342	317	212	219	219	325	207	209	Au	Au	Au	179	229	236	238	252	257	268	253	307	360	301	341	264
21	10	38	336	226	238	290	268	105	316	272	341	271	269	258	280	282	294	322	332	328	327	340	337	338	307
22	342	339	321	316	185	20	42	13	357	359	5	346	349	20	17	30	11	19	31	16	309	210	217	214	355
23	226	294	344	346	358	349	355	21	19	6	357	360	15	23	37	19	50	42	32	329	331	286	231	200	355
24	210	194	195	151	178	196	211	214	214	211	199	235	11	24	36	30	50	52	41	349	305	232	203	205	205
25	218	307	268	208	199	207	252	227	349	33	85	108	70	58	57	58	32	55	59	17	346	264	218	209	19
26	207	198	296	208	230	205	218	214	216	215	79	39	346	141	161	147	76	40	79	355	3	263	225	291	210
27	270	222	215	212	213	223	216	206	176	175	226	261	238	237	232	219	220	233	314	78	64	212	232	207	221
28	199	201	194	216	213	201	216	218	201	203	245	220	244	315	342	11	33	83	103	88	20	328	223	207	218
29	211	217	213	213	212	218	213	201	176	163	185	209	237	210	197	238	251	256	256	258	253	253	257	255	223
30	294	330	315	211	50	218	221	198	210	225	232	235	240	223	235	237	246	274	279	356	341	356	341	288	263
31	239	225	230	191	222	235	356	210	51	23	61	133	177	157	120	30	29	52	73	25	336	233	206	203	168
Prev	273	287	290	256	251	242	257	178	162	114	22	107	88	210	86	21	26	40	47	19	324	274	256	265	296

HDR Calico Resources Site
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Wind Direction (degrees)
September 2015

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Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	36	355	336	307	272	204	206	204	207	140	187	26	1	51	59	140	148	52	62	358	241	211	205	205	188
2	223	218	258	222	220	219	214	217	199	171	217	237	242	233	262	249	192	356	344	356	343	358	336	346	249
3	347	14	354	16	307	312	345	347	321	6	20	94	105	35	346	267	332	360	24	12	352	349	9	25	359
4	25	347	13	12	2	255	306	9	64	358	343	22	352	5	344	25	263	273	267	297	341	349	237	196	339
5	209	205	265	186	182	213	264	226	194	220	247	248	238	256	254	321	15	66	86	337	290	320	315	338	254
6	19	354	356	318	216	210	196	199	210	193	194	186	159	161	17	39	38	48	74	187	209	221	35	19	175
7	345	334	14	346	205	208	209	146	83	56	45	67	32	65	30	47	38	60	59	1	335	352	355	325	27
8	308	327	281	225	206	198	193	191	208	194	188	171	100	47	44	63	50	60	73	5	2	261	201	233	197
9	346	341	197	210	205	208	201	192	210	177	68	309	26	27	43	49	55	51	44	323	333	345	6	350	1
10	252	305	340	335	355	289	201	194	158	60	26	24	15	54	42	51	37	48	54	332	204	226	359	10	7
11	346	352	204	202	207	208	217	200	208	208	198	146	35	31	46	46	34	46	31	333	260	308	30	284	294
12	189	291	202	206	207	210	215	216	208	207	201	210	194	186	149	120	106	103	52	331	211	192	196	24	193
13	17	24	34	289	223	180	206	198	77	65	245	290	296	295	292	261	251	289	295	353	358	335	355	359	308
14	350	357	311	214	266	200	197	211	187	17	20	182	264	352	334	350	7	3	219	209	195	303	20	16	299
15	237	213	320	343	213	220	224	208	194	175	146	180	180	158	166	163	162	182	203	206	246	273	265	207	205
16	209	212	220	218	227	238	224	199	181	211	228	194	182	167	204	171	159	18	156	240	208	205	218	212	204
17	214	204	195	210	207	206	209	211	190	182	181	223	245	240	269	254	248	248	249	278	266	354	275	204	228
18	218	206	219	197	210	213	214	204	205	211	204	202	179	162	140	104	98	105	86	13	329	301	226	234	195
19	331	8	5	322	355	213	209	191	68	34	11	32	39	36	20	28	44	69	81	310	247	234	216	16	11
20	356	281	192	204	199	207	201	205	213	212	194	189	179	173	193	56	74	101	293	180	205	309	2	317	207
21	290	275	212	164	194	213	262	89	23	20	59	29	18	39	31	38	62	60	55	339	330	279	310	59	14
22	17	358	206	205	188	222	231	211	218	208	194	185	136	20	30	30	49	81	47	344	216	244	348	335	230
23	334	330	224	208	208	214	211	215	197	182	188	221	211	206	214	192	203	191	9	355	318	248	208	221	221
24	192	7	16	9	351	329	334	32	45	44	37	42	6	1	353	17	353	343	318	13	337	343	1	310	1
25	183	199	197	214	211	204	193	198	209	223	199	223	332	9	345	349	51	358	301	235	210	208	208	218	225
26	218	222	196	204	203	222	205	202	287	41	23	358	53	226	222	232	261	277	321	360	352	359	339	348	272
27	346	351	319	21	17	19	204	188	194	183	42	9	19	2	34	56	41	57	42	330	352	358	341	333	10
28	356	330	300	243	219	208	188	191	204	124	36	34	27	31	22	31	29	30	355	333	352	147	160	243	360
29	345	325	358	356	340	326	204	202	199	173	45	55	45	42	25	30	33	30	342	303	235	294	13	10	358
30	344	349	286	204	210	216	198	212	211	202	208	189	224	97	32	44	26	344	329	308	258	213	217	210	239
Prev	315	317	279	245	227	222	216	201	194	170	169	182	31	43	11	40	46	38	20	326	285	289	309	313	276

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
July 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	21	20	19	23	36	40	21	19	13	21	33	45	36	54	58	48	63	23	13	22	51	18	57	30	33	63	13
2	25	23	29	95	81	76	64	21	36	38	39	44	33	73	92	83	33	13	12	14	9	32	20	15	42	95	9
3	27	26	28	29	15	14	37	72	17	16	25	37	52	55	50	41	24	20	13	12	73	89	30	28	35	89	12
4	41	54	29	39	45	24	56	28	24	41	51	44	47	35	31	40	35	40	23	24	23	37	26	53	37	56	23
5	52	39	10	11	16	18	11	9	9	9	10	16	11	13	21	9	11	9	9	12	11	8	6	14	14	52	6
6	15	14	42	18	20	15	9	25	30	31	47	63	60	62	17	48	22	24	32	31	45	43	65	40	34	65	9
7	20	51	74	30	57	50	66	82	49	83	39	26	44	36	30	38	32	26	66	18	10	13	7	12	40	83	7
8	48	14	12	10	10	10	6	8	11	14	26	24	11	12	10	8	15	72	28	12	85	60	59	17	24	85	6
9	77	50	73	48	26	52	59	12	10	16	61	21	16	19	17	23	24	25	35	14	9	12	9	13	30	77	9
10	24	17	65	31	13	7	10	10	12	14	22	24	24	33	36	20	70	17	19	11	12	55	18	29	25	70	7
11	51	69	74	23	11	10	9	16	22	19	16	29	31	74	55	61	9	57	14	20	12	9	66	63	34	74	9
12	45	73	36	13	16	57	10	10	70	36	34	56	66	31	22	100	22	22	27	13	19	37	71	73	40	100	10
13	26	8	8	9	9	31	85	44	46	73	61	52	43	19	51	52	50	16	11	25	47	63	28	43	38	85	8
14	28	73	20	48	60	57	72	17	17	18	15	22	23	26	23	27	47	15	67	85	46	51	35	78	40	85	15
15	70	73	31	33	31	98	14	10	66	26	34	50	47	53	51	57	39	42	23	25	23	14	17	27	40	98	10
16	19	33	53	68	78	73	63	41	45	51	101	42	30	27	36	35	23	23	11	12	13	12	11	7	38	101	7
17	7	11	8	7	10	47	10	13	22	18	23	32	43	37	19	14	12	34	18	13	16	4	11	9	18	47	4
18	20	23	15	22	11	14	10	30	14	22	23	31	77	45	73	69	58	25	26	24	71	61	62	95	38	95	10
19	81	29	17	67	48	60	98	19	26	20	19	47	30	27	23	26	24	27	16	12	78	69	65	47	41	98	12
20	50	70	62	36	16	11	99	26	29	65	67	35	42	42	55	43	41	47	41	21	19	15	10	21	40	99	10
21	28	15	12	13	86	72	64	54	17	31	38	35	29	28	26	38	40	41	60	63	13	21	30	11	36	86	11
22	14	27	21	40	20	15	20	20	44	90	74	79	41	73	36	41	33	63	87	62	64	69	68	15	47	90	14
23	6	10	43	67	51	38	46	36	11	14	20	27	24	80	87	26	27	37	22	26	38	24	17	6	33	87	6
24	34	28	29	40	33	67	12	9	10	16	41	61	63	32	25	25	18	22	18	16	8	3	32	39	28	67	3
25	30	48	31	52	11	87	10	9	19	33	28	32	33	21	24	39	23	21	22	22	18	25	15	25	28	87	9
26	29	12	55	16	5	5	7	11	23	16	26	61	57	84	54	35	80	54	67	15	13	15	14	13	32	84	5
27	24	18	8	7	16	13	11	11	11	17	21	49	31	26	24	31	23	21	20	14	9	13	16	26	19	49	7
28	27	61	24	65	67	85	41	17	36	40	43	46	60	52	59	48	40	34	20	18	40	67	30	42	44	85	17
29	35	38	71	11	12	9	6	21	38	23	22	31	47	34	35	44	33	26	21	34	21	67	40	44	32	71	6
30	54	38	45	9	6	12	9	7	13	75	38	22	34	26	42	38	22	20	17	28	43	72	43	24	31	75	6
31	11	70	62	12	8	11	5	8	9	84	53	40	47	25	32	24	19	14	12	10	71	26	28	12	29	84	5
Avg	34	37	36	32	30	38	34	23	26	35	37	39	40	40	39	40	33	30	28	23	33	36	32	31	34	80	9
Max	81	73	74	95	86	98	99	82	70	90	101	79	77	84	92	100	80	72	87	85	85	89	71	95	47	101	23
Min	6	8	8	7	5	5	5	7	9	9	10	16	11	12	10	8	9	9	9	10	8	3	6	6	14	47	3

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
August 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	17	49	63	46	9	7	5	7	14	83	30	46	38	17	15	20	16	16	17	47	71	42	98	21	33	98	5
2	40	17	10	30	33	28	33	26	23	15	16	36	30	35	52	49	44	44	27	10	61	29	63	38	33	63	10
3	17	28	7	7	7	28	20	22	27	20	13	22	21	31	37	35	52	39	39	17	17	13	16	14	23	52	7
4	15	57	36	13	86	77	16	9	8	10	19	26	28	24	50	78	26	97	16	11	45	14	5	7	32	97	5
5	12	80	50	39	20	25	26	27	64	74	17	72	66	35	59	37	23	31	43	19	29	17	17	33	38	80	12
6	16	68	47	44	48	31	90	60	20	26	49	57	67	59	40	40	31	12	13	11	25	20	19	37	39	90	11
7	15	23	24	36	60	63	69	27	23	18	24	33	72	96	79	68	30	16	12	21	7	10	5	5	35	96	5
8	5	5	6	10	5	8	7	8	12	21	16	26	47	94	24	19	15	13	10	9	24	12	6	10	17	94	5
9	8	9	12	41	9	19	86	15	55	67	63	54	49	30	21	13	13	14	9	8	16	22	18	8	27	86	8
10	6	8	19	83	54	27	70	61	16	35	53	52	33	64	13	35	32	20	45	22	50	41	46	57	39	83	6
11	21	23	25	39	23	42	28	15	19	15	73	28	29	18	28	41	31	13	11	15	32	12	30	78	29	78	11
12	66	81	52	47	69	56	35	30	30	15	19	24	34	33	45	28	20	23	15	14	46	61	36	29	38	81	14
13	60	74	69	67	73	28	38	20	73	43	19	17	30	23	18	19	15	12	13	16	6	5	27	45	34	74	5
14	22	9	11	36	13	11	10	35	17	22	19	35	27	21	20	11	29	10	10	12	10	16	14	44	19	44	9
15	18	20	45	38	30	50	62	84	50	63	51	88	83	79	57	71	97	13	11	59	44	55	40	54	53	97	11
16	40	26	30	21	26	55	26	19	93	20	24	48	44	73	59	67	27	16	14	36	17	20	17	48	36	93	14
17	33	34	35	23	20	75	64	47	16	26	31	25	27	36	35	35	25	18	13	21	25	25	36	16	31	75	13
18	26	47	75	96	84	36	47	71	19	15	20	32	45	74	34	33	27	20	11	21	26	39	37	41	41	96	11
19	34	52	81	88	62	25	21	9	9	24	54	78	42	35	32	24	14	21	23	67	37	31	27	87	41	88	9
20	35	30	68	17	12	47	93	11	8	Au	Au	Au	43	26	25	26	20	18	18	18	9	37	11	18	28	93	8
21	29	37	73	59	90	73	14	43	84	16	60	26	28	22	24	27	29	24	10	10	22	8	6	8	34	90	6
22	12	12	8	42	72	65	68	56	14	18	28	35	57	55	68	58	33	33	15	32	52	38	22	16	38	72	8
23	42	55	37	25	22	34	38	15	11	20	24	27	31	30	22	24	20	10	18	13	72	63	42	76	32	76	10
24	65	35	51	81	52	10	10	11	8	7	13	70	73	30	24	14	11	10	17	46	43	49	18	8	32	81	7
25	5	88	59	31	43	56	30	28	55	36	74	65	70	35	29	19	18	12	10	31	80	72	41	16	42	88	5
26	10	75	74	45	75	9	7	15	8	15	97	49	98	63	46	65	24	12	23	28	73	65	60	67	46	98	7
27	49	13	13	20	15	12	6	15	10	16	27	18	30	27	22	33	57	74	65	26	71	80	88	29	34	88	6
28	21	12	22	46	79	35	14	13	13	16	32	31	51	51	35	18	26	16	9	44	54	39	63	51	33	79	9
29	10	6	6	18	18	6	8	7	11	12	10	24	11	16	10	20	15	12	9	9	9	9	10	12	12	24	6
30	43	49	76	64	85	17	10	20	27	12	18	18	19	22	24	20	19	21	12	25	24	32	49	62	32	85	10
31	44	34	55	35	60	57	49	88	33	43	42	59	34	28	83	17	16	14	22	52	25	49	50	26	42	88	14
Avg	27	37	40	42	44	36	35	29	28	27	35	41	44	41	36	34	28	23	19	25	36	33	33	34	34	82	9
Max	66	88	81	96	90	77	93	88	93	83	97	88	98	96	83	78	97	97	65	67	80	80	98	87	53	98	14
Min	5	5	6	7	5	6	5	7	8	7	10	17	11	16	10	11	11	10	9	8	6	5	5	5	12	24	5

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Standard Deviation of Wind Direction (degrees)
September 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	81	19	15	43	55	17	9	9	14	63	46	50	79	44	52	57	64	26	15	36	63	25	10	8	38	81	8
2	21	13	10	12	11	12	11	15	23	30	41	17	28	33	32	24	72	81	15	14	15	12	14	14	24	81	10
3	17	17	14	68	13	17	12	15	9	28	26	37	53	42	90	42	51	46	51	37	17	21	20	30	32	90	9
4	46	20	29	35	18	64	67	26	45	17	24	25	29	33	23	59	9	7	13	25	57	61	30	18	33	67	7
5	10	26	19	39	19	23	11	26	15	27	20	25	21	21	26	67	35	13	16	97	51	54	44	17	30	97	10
6	34	23	21	37	54	19	20	11	17	24	29	30	31	30	70	14	16	11	24	74	18	81	23	21	31	81	11
7	21	16	25	52	20	22	18	88	57	35	55	71	58	66	69	18	38	30	10	40	17	26	28	22	38	88	10
8	35	18	67	48	21	15	39	10	9	14	21	43	56	27	19	42	24	19	13	26	45	55	24	39	30	67	9
9	55	19	75	41	15	22	10	10	10	66	65	95	25	22	20	34	26	19	43	20	42	50	38	35	36	95	10
10	60	81	41	19	20	73	16	10	34	51	41	29	34	31	25	25	19	18	26	20	50	41	19	26	34	81	10
11	21	18	39	21	12	4	35	12	8	9	28	79	27	18	27	29	15	15	43	36	60	78	44	52	30	79	4
12	59	80	36	13	9	8	8	6	7	7	10	14	21	52	60	25	11	8	72	47	45	25	86	69	32	86	6
13	77	74	64	76	50	46	70	17	70	49	65	20	40	39	45	32	22	22	11	21	20	25	42	34	43	77	11
14	68	42	64	62	58	73	34	81	87	20	54	66	51	51	10	12	12	18	48	13	16	63	48	57	46	87	10
15	80	16	64	84	11	16	91	24	18	14	58	19	29	16	12	13	9	10	14	15	21	21	18	10	28	91	9
16	7	5	17	15	16	17	8	34	22	20	18	25	20	22	18	34	75	91	38	12	24	22	13	19	25	91	5
17	28	25	12	11	9	16	22	10	17	13	20	24	12	14	15	13	9	11	10	13	39	45	68	91	23	91	9
18	46	37	46	7	35	11	7	7	8	11	13	25	36	48	50	22	18	9	15	31	22	42	42	59	27	59	7
19	38	17	15	34	23	29	29	12	61	20	61	58	52	53	33	22	14	16	77	29	53	56	58	35	37	77	12
20	17	48	26	16	11	11	9	18	8	12	22	19	25	41	101	25	18	27	29	60	40	80	38	17	30	101	8
21	36	66	30	72	29	11	71	91	16	21	28	50	66	26	39	16	13	11	38	59	43	40	67	93	43	93	11
22	26	18	41	41	55	52	60	11	9	12	16	49	68	80	47	37	45	37	55	82	64	62	62	53	45	82	9
23	15	21	64	19	28	9	11	57	15	16	22	63	30	26	29	35	26	66	47	46	23	69	64	45	35	69	9
24	51	46	13	23	22	26	15	93	53	17	21	22	25	18	26	22	17	11	33	35	25	45	40	54	31	93	11
25	51	47	17	9	9	16	19	14	14	21	12	36	30	23	12	19	17	44	31	48	36	19	9	7	23	51	7
26	8	7	15	8	10	15	9	19	90	34	57	55	93	42	58	23	25	14	11	15	14	17	6	11	27	93	6
27	17	30	26	21	16	53	18	18	14	67	21	46	52	50	46	30	23	10	46	18	27	31	31	17	30	67	10
28	35	17	52	72	34	33	29	8	10	81	22	25	22	24	19	14	11	11	33	25	40	81	59	93	35	93	8
29	37	55	42	47	25	51	15	12	10	22	82	52	37	28	22	17	11	7	26	55	50	76	20	68	36	82	7
30	58	49	48	36	17	12	16	12	7	9	12	66	67	70	23	14	33	21	38	64	45	37	54	33	35	70	7
Avg	39	32	35	36	24	26	26	26	26	28	34	41	41	36	37	28	26	24	31	37	36	45	37	38	33	82	9
Max	81	81	75	84	58	73	91	93	90	81	82	95	93	80	101	67	75	91	77	97	64	81	86	93	46	101	12
Min	7	5	10	7	9	4	7	6	7	7	10	14	12	14	10	12	9	7	10	12	14	12	6	7	23	51	4

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
July 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	77.7	76.1	75.9	73.1	72.1	72.8	74.7	81.1	82.8	84.4	87.0	89.7	91.9	94.7	95.7	98.3	98.3	96.1	94.8	93.9	92.2	88.0	86.0	84.9	85.9	98.3	72.1
2	82.8	80.3	77.5	76.5	76.4	77.3	77.3	82.6	84.6	86.7	89.5	92.5	94.9	96.4	97.6	99.3	99.0	97.9	97.0	95.6	91.9	87.7	85.4	83.4	87.9	99.3	76.4
3	83.0	80.5	78.4	77.4	77.0	75.2	76.7	82.8	86.9	88.3	90.0	91.6	93.8	95.7	97.0	97.9	97.6	96.9	95.4	93.8	91.1	86.6	85.6	83.7	87.6	97.9	75.2
4	81.3	79.8	78.8	79.9	80.3	79.2	81.7	84.9	86.0	88.1	90.1	91.7	93.8	94.4	94.8	95.9	96.4	96.3	96.0	94.5	88.4	85.4	84.5	82.9	87.7	96.4	78.8
5	83.0	80.2	78.4	77.6	76.6	77.3	78.0	78.4	79.5	81.4	81.9	82.8	82.8	83.4	84.3	81.9	82.0	81.9	82.2	82.3	80.9	77.7	76.6	76.3	80.3	84.3	76.3
6	74.7	74.5	74.4	73.0	71.1	70.4	72.6	75.7	78.3	79.4	81.5	83.7	86.0	86.8	86.3	86.7	83.7	86.8	88.0	86.8	83.4	81.0	80.1	78.9	80.2	88.0	70.4
7	79.0	78.4	77.4	75.8	74.7	73.5	73.5	74.0	77.1	75.1	76.4	81.7	84.1	85.7	87.0	88.3	87.7	86.5	86.3	83.0	81.0	80.5	78.9	78.1	80.2	88.3	73.5
8	75.9	72.9	71.1	69.6	68.2	67.7	67.4	68.3	70.9	73.9	77.2	79.5	77.8	77.4	76.1	76.1	77.8	80.3	75.3	64.6	66.2	67.3	66.2	63.9	72.1	80.3	63.9
9	63.7	63.8	63.8	63.0	62.0	61.8	63.1	65.4	68.4	70.9	72.3	73.3	74.9	76.7	77.3	78.7	79.9	79.9	78.4	74.9	73.8	72.8	69.4	68.6	70.7	79.9	61.8
10	67.4	65.2	64.3	63.4	62.1	61.5	62.7	65.6	67.9	70.2	73.1	75.8	77.8	78.9	77.9	75.9	72.5	68.5	69.5	68.9	68.9	67.6	65.8	64.3	69.0	78.9	61.5
11	64.0	63.9	63.3	62.4	62.4	63.3	64.0	64.7	67.0	70.1	72.1	74.0	76.1	71.9	66.5	67.2	71.7	66.8	65.2	64.9	63.9	63.7	63.5	61.7	66.4	76.1	61.7
12	60.8	59.9	58.7	57.7	57.6	58.0	59.2	62.2	65.8	68.8	71.6	73.6	75.5	76.6	78.9	78.3	74.5	72.9	67.5	64.3	62.1	61.0	60.7	60.8	66.1	78.9	57.6
13	61.1	60.3	59.4	59.6	59.3	58.8	57.5	60.5	63.1	65.7	68.0	70.6	70.8	67.9	71.7	73.2	68.8	71.9	69.7	67.3	65.1	64.0	62.9	60.5	64.9	73.2	57.5
14	60.4	59.8	59.5	59.7	59.1	58.9	58.5	62.1	65.2	67.5	69.7	72.0	75.1	77.5	79.1	78.8	76.9	73.5	73.4	71.4	71.9	69.7	68.6	66.1	68.1	79.1	58.5
15	65.0	64.7	64.3	62.2	60.5	61.1	61.7	65.2	68.8	72.5	74.0	76.2	78.5	79.9	81.1	83.0	83.7	83.8	84.1	82.3	78.1	75.2	72.0	69.3	72.8	84.1	60.5
16	67.5	65.7	65.1	65.6	64.2	61.2	62.4	66.6	69.2	71.3	74.0	76.4	77.6	79.2	80.4	81.5	81.9	81.1	78.9	75.5	71.8	68.7	66.4	64.0	71.5	81.9	61.2
17	63.7	62.8	61.4	60.6	59.9	59.2	61.5	63.4	65.3	66.9	68.4	69.3	71.7	72.8	74.4	73.7	72.9	75.0	75.7	74.7	71.3	68.5	67.1	66.2	67.8	75.7	59.2
18	65.0	64.8	63.4	62.8	64.3	64.3	67.3	68.4	70.2	71.6	73.1	75.0	76.9	78.6	80.3	81.4	81.9	82.6	82.1	80.4	76.9	74.5	72.8	68.6	72.8	82.6	62.8
19	67.0	64.3	63.3	62.8	61.7	60.7	60.5	65.9	69.8	73.1	75.8	79.4	82.6	84.5	84.9	85.3	85.9	86.1	85.9	84.3	80.8	80.0	76.7	76.1	74.9	86.1	60.5
20	74.3	73.3	71.4	69.3	68.0	68.4	68.2	72.5	77.2	79.6	82.3	85.0	87.5	89.8	90.7	91.4	91.9	91.8	91.2	90.1	87.7	85.0	81.9	78.0	81.1	91.9	68.0
21	75.3	76.6	74.7	72.7	71.1	70.9	70.4	74.5	76.6	80.2	83.1	85.3	87.3	88.5	89.5	89.7	89.7	88.1	85.9	78.3	73.1	71.4	70.9	69.7	78.9	89.7	69.7
22	68.9	70.3	70.3	69.6	68.1	67.5	67.2	69.5	72.3	73.2	75.9	78.8	79.6	82.5	81.5	80.1	72.5	69.8	69.0	63.8	64.7	63.8	63.2	61.9	71.0	82.5	61.9
23	61.7	60.5	59.2	60.1	59.3	57.9	58.3	62.6	65.6	67.8	71.2	75.2	77.9	77.9	80.0	79.9	81.7	84.5	83.6	82.7	79.6	78.1	73.4	71.9	71.3	84.5	57.9
24	71.2	67.1	66.2	64.2	63.4	61.4	63.2	65.9	68.3	72.6	77.0	80.4	82.0	83.8	85.3	86.3	86.4	86.3	86.1	84.6	81.0	80.1	78.7	73.5	75.6	86.4	61.4
25	70.9	69.8	67.6	67.5	68.9	67.3	66.7	69.2	72.8	77.3	79.1	79.9	81.7	83.4	84.4	84.9	86.3	86.0	85.6	84.5	79.4	75.5	71.1	68.6	76.2	86.3	66.7
26	68.5	66.2	64.0	62.6	62.6	61.3	62.2	63.4	64.8	66.9	70.1	72.6	73.6	75.1	75.9	72.9	70.6	71.0	73.6	68.9	66.6	65.9	64.3	63.7	67.8	75.9	61.3
27	62.7	61.3	58.5	56.4	54.7	54.4	56.3	57.7	59.4	61.0	62.3	63.3	65.7	67.1	68.6	69.2	70.2	70.4	70.3	68.4	64.1	60.9	59.1	56.6	62.4	70.4	54.4
28	56.6	54.7	53.1	53.4	52.2	50.9	52.8	58.2	60.8	62.8	64.9	66.9	68.6	70.2	71.5	72.8	73.6	74.3	74.1	72.8	69.8	66.0	64.2	64.0	63.7	74.3	50.9
29	62.0	62.0	60.9	59.6	58.8	58.1	59.1	63.2	68.3	71.2	73.3	75.4	77.4	78.7	80.2	81.2	82.1	82.3	82.5	80.8	76.5	73.3	70.8	70.2	71.2	82.5	58.1
30	69.4	68.0	67.7	68.5	64.7	65.1	65.2	69.9	73.8	78.6	81.8	84.0	86.7	88.3	88.9	89.9	90.3	90.7	89.8	87.5	85.1	81.7	78.5	78.6	78.9	90.7	64.7
31	77.4	74.4	72.9	71.9	72.7	71.4	71.3	73.3	78.6	83.6	87.2	90.0	92.1	93.8	95.0	95.8	96.2	95.9	94.7	91.3	88.4	85.4	82.4	81.4	84.0	96.2	71.3
Avg	69.7	68.5	67.3	66.4	65.6	65.1	65.8	69.0	71.8	74.2	76.6	78.9	80.7	81.9	82.7	83.1	82.7	82.4	81.7	79.3	76.6	74.4	72.5	70.9	74.5	84.5	64.4
Max	83.0	80.5	78.8	79.9	80.3	79.2	81.7	84.9	86.9	88.3	90.1	92.5	94.9	96.4	97.6	99.3	99.0	97.9	97.0	95.6	92.2	88.0	86.0	84.9	87.9	99.3	78.8
Min	56.6	54.7	53.1	53.4	52.2	50.9	52.8	57.7	59.4	61.0	62.3	63.3	65.7	67.1	66.5	67.2	68.8	66.8	65.2	63.8	62.1	60.9	59.1	56.6	62.4	70.4	50.9

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
August 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	81.9	77.1	78.5	76.1	76.7	74.4	74.4	78.5	81.8	86.5	89.7	92.1	93.6	95.5	96.7	97.1	97.5	97.5	96.6	94.2	91.3	86.0	83.3	83.2	86.7	97.5	74.4
2	81.7	78.9	77.4	78.2	77.2	76.5	75.5	80.2	86.2	88.4	90.1	92.5	94.4	96.5	97.8	97.6	98.2	98.2	97.9	95.8	92.9	91.9	91.8	89.6	88.6	98.2	75.5
3	81.8	80.0	78.2	77.4	77.2	77.7	77.5	77.4	79.4	80.0	81.2	80.5	83.0	85.2	86.4	87.2	87.8	87.4	86.5	83.7	79.9	76.4	74.5	71.7	80.8	87.8	71.7
4	68.8	69.1	67.0	67.0	65.3	64.5	63.9	66.3	68.4	71.7	76.2	79.7	82.3	84.7	86.7	88.0	87.2	88.5	86.7	83.8	81.3	80.5	78.8	79.4	76.5	88.5	63.9
5	74.0	72.8	72.2	72.5	70.4	68.6	69.0	67.6	68.3	71.0	71.6	72.9	75.5	78.4	79.8	82.1	82.4	82.6	82.6	81.6	75.4	72.0	70.4	67.2	74.2	82.6	67.2
6	66.3	63.6	63.1	60.9	60.2	59.4	59.1	62.4	66.7	67.9	70.1	72.5	74.9	77.7	80.0	80.6	80.8	80.5	79.0	77.2	74.9	72.2	68.3	65.9	70.2	80.8	59.1
7	66.3	63.6	61.6	61.1	61.8	60.6	61.5	63.6	68.0	70.5	72.4	74.3	76.3	79.3	81.0	82.3	83.6	83.0	80.5	78.6	74.7	71.6	70.4	69.0	71.5	83.6	60.6
8	69.5	69.0	69.4	69.7	67.4	66.4	65.2	68.7	70.7	73.3	75.5	77.7	80.0	80.5	81.4	82.3	81.6	81.9	80.9	79.4	78.5	76.2	74.6	74.7	74.8	82.3	65.2
9	73.6	72.7	71.3	71.1	68.7	67.9	66.6	67.5	71.1	74.7	77.5	80.3	82.8	84.3	84.9	85.8	86.8	86.4	85.9	85.2	81.7	80.6	79.3	78.3	77.7	86.8	66.6
10	77.0	74.7	75.5	72.1	69.5	69.0	68.0	69.2	71.5	74.3	79.4	81.5	83.5	82.2	83.5	84.2	84.2	84.4	84.4	81.3	78.0	75.1	73.0	71.4	77.0	84.4	68.0
11	70.4	69.1	67.9	66.5	64.0	63.5	65.5	71.4	74.5	76.9	81.2	85.6	90.3	93.4	94.7	94.9	93.9	93.6	92.6	90.2	88.1	86.5	85.2	83.0	81.0	94.9	63.5
12	79.8	76.9	74.5	73.7	72.4	71.8	70.5	73.9	79.5	81.5	84.2	87.0	90.0	91.2	92.7	94.0	94.5	94.9	94.6	92.6	86.2	83.3	81.3	79.9	83.4	94.9	70.5
13	78.6	77.3	75.6	74.0	73.3	72.3	71.3	72.8	77.3	80.2	85.1	89.5	92.5	96.4	97.6	98.1	98.8	98.8	97.5	94.2	91.9	90.6	88.1	86.1	85.7	98.8	71.3
14	84.9	81.4	79.8	79.9	77.3	76.0	76.1	78.1	78.0	81.6	84.9	86.7	89.0	91.9	93.4	93.3	93.7	90.3	87.0	83.8	80.9	74.7	70.4	67.3	82.5	93.7	67.3
15	66.1	64.1	60.3	59.3	57.6	56.2	56.9	60.9	62.8	65.0	67.6	70.6	73.8	76.4	78.7	80.5	80.8	78.9	77.9	75.3	73.1	70.3	67.3	65.5	68.6	80.8	56.2
16	64.2	64.9	62.7	61.7	61.9	59.4	59.8	62.9	67.9	70.7	72.2	74.5	76.5	78.7	80.5	81.5	82.3	81.9	80.7	77.8	74.2	71.2	70.6	67.3	71.1	82.3	59.4
17	66.6	65.3	63.5	62.8	62.8	63.0	60.2	62.3	67.1	70.4	72.4	74.7	77.2	79.7	80.9	82.1	82.6	82.5	81.7	78.6	74.6	72.7	70.8	68.3	71.8	82.6	60.2
18	66.3	65.7	65.2	63.7	63.6	63.0	63.2	65.0	70.9	72.6	74.4	76.3	78.3	79.7	81.5	83.2	83.9	84.2	83.2	79.8	77.1	74.2	71.6	72.0	73.3	84.2	63.0
19	70.7	70.0	67.6	65.7	65.0	63.9	63.8	66.5	69.8	73.7	76.2	78.5	80.7	82.4	83.3	84.2	84.2	83.7	81.3	79.7	76.6	75.3	75.0	72.1	74.6	84.2	63.8
20	71.1	70.0	69.1	68.5	68.5	65.9	63.5	67.2	71.0	Au	Au	Au	84.4	87.0	88.6	89.1	90.2	90.2	89.2	86.6	82.1	78.0	78.6	75.6	77.8	90.2	63.5
21	71.4	72.0	71.6	69.2	66.9	68.3	70.4	70.5	72.9	74.2	76.9	78.7	80.4	82.7	84.4	85.4	86.1	85.2	82.5	79.0	75.0	68.5	65.2	63.5	75.0	86.1	63.5
22	63.0	61.7	61.5	60.0	56.4	55.0	54.4	58.0	62.4	64.6	66.4	68.5	70.6	72.8	74.9	76.1	77.2	77.7	76.8	72.9	70.2	67.0	66.6	65.9	66.7	77.7	54.4
23	64.1	62.5	60.7	59.7	59.4	57.8	57.3	57.8	63.9	66.2	69.5	72.9	76.7	79.4	81.3	83.3	84.0	82.7	81.3	78.7	75.8	74.1	72.8	71.3	70.5	84.0	57.3
24	70.4	68.0	66.7	65.7	66.5	64.8	66.8	67.5	70.1	72.3	76.5	80.7	85.0	86.7	87.6	87.6	87.6	87.3	86.0	83.9	82.6	78.1	77.9	78.0	76.8	87.6	64.8
25	78.4	73.2	70.8	69.2	67.9	69.1	75.1	76.3	77.7	78.8	81.0	85.0	87.7	88.8	90.0	89.1	90.2	89.2	87.3	84.2	82.8	80.6	78.4	77.4	80.3	90.2	67.9
26	77.0	74.2	71.4	71.7	69.4	68.7	70.5	72.0	76.1	81.1	84.8	87.4	89.7	90.9	91.9	92.9	92.2	89.8	88.8	86.2	84.0	85.1	80.7	78.7	81.5	92.9	68.7
27	79.8	79.7	77.6	76.4	75.1	72.1	70.4	70.7	76.0	78.5	82.0	84.1	85.6	86.8	88.0	88.7	88.8	89.4	87.9	83.2	80.7	80.8	78.1	77.1	80.7	89.4	70.4
28	74.9	75.5	74.8	73.1	69.2	67.4	70.4	71.9	75.2	78.5	83.4	84.4	85.1	85.0	84.9	84.5	84.3	83.5	81.8	79.7	78.5	79.1	74.8	75.5	78.1	85.1	67.4
29	76.2	74.5	74.0	75.1	76.5	74.1	73.7	74.0	77.3	80.9	83.1	85.1	83.2	83.8	85.2	85.2	84.7	83.2	78.9	76.7	76.9	75.6	74.4	72.6	78.5	85.2	72.6
30	67.6	62.3	60.4	59.9	59.7	60.7	59.4	61.1	65.0	67.2	68.4	68.7	69.3	71.5	74.1	74.8	75.1	74.6	73.3	66.4	63.0	60.3	58.6	57.4	65.8	75.1	57.4
31	56.3	55.6	54.2	53.6	53.2	53.1	51.9	54.6	59.1	62.4	65.2	67.8	70.1	73.5	75.2	74.6	74.5	74.3	73.7	71.3	68.6	66.1	65.3	64.1	64.1	75.2	51.9
Avg	72.2	70.5	69.2	68.2	67.1	66.2	66.2	68.3	71.8	74.5	77.3	79.7	82.0	84.0	85.4	86.1	86.4	86.0	84.7	82.0	79.1	76.6	74.7	73.2	76.3	86.7	64.7
Max	84.9	81.4	79.8	79.9	77.3	77.7	77.5	80.2	86.2	88.4	90.1	92.5	94.4	96.5	97.8	98.1	98.8	98.8	97.9	95.8	92.9	91.9	91.8	89.6	88.6	98.8	75.5
Min	56.3	55.6	54.2	53.6	53.2	53.1	51.9	54.6	59.1	62.4	65.2	67.8	69.3	71.5	74.1	74.6	74.5	74.3	73.3	66.4	63.0	60.3	58.6	57.4	64.1	75.1	51.9

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 9 Meters (degrees Fahrenheit)
September 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	61.9	62.2	63.0	61.4	60.0	58.7	59.5	61.7	65.2	69.9	73.0	75.7	77.3	79.8	81.5	83.3	84.4	82.3	80.4	76.9	76.9	73.8	73.6	73.8	71.5	84.4	58.7
2	73.7	70.5	72.9	69.2	66.6	65.3	64.3	65.7	66.4	70.0	72.5	75.4	76.9	78.1	78.5	78.7	79.9	77.5	74.6	70.3	67.6	65.2	63.5	62.0	71.1	79.9	62.0
3	60.6	59.3	57.9	56.2	55.7	54.7	52.8	51.9	50.3	50.3	51.3	52.5	54.8	57.6	61.6	64.3	65.1	65.0	63.2	59.9	58.1	57.5	56.1	55.6	57.2	65.1	50.3
4	53.9	52.7	50.6	49.1	48.9	48.6	47.8	48.5	53.2	53.8	55.3	57.9	60.6	64.4	65.1	64.1	56.7	52.2	51.7	50.3	48.2	48.8	48.4	46.5	53.2	65.1	46.5
5	44.9	44.7	46.2	45.6	45.9	46.2	45.4	45.7	46.9	49.6	52.2	53.2	55.4	57.1	58.7	59.1	59.4	58.6	56.5	55.2	54.9	53.0	50.0	48.7	51.4	59.4	44.7
6	45.3	45.4	44.6	44.6	43.9	42.6	41.8	44.3	49.5	53.4	56.6	60.2	63.7	66.4	66.7	66.9	67.5	67.2	65.7	63.5	60.7	58.5	55.5	54.2	55.4	67.5	41.8
7	54.3	54.1	50.9	51.5	50.6	49.7	48.7	50.9	56.1	58.9	61.6	63.8	66.1	68.3	70.3	70.4	71.3	71.7	69.3	66.1	64.0	61.0	59.7	59.0	60.3	71.7	48.7
8	56.7	56.5	55.3	55.2	52.9	52.0	51.0	53.0	59.1	61.9	65.3	68.4	71.3	73.1	74.2	75.0	75.6	75.4	73.5	70.4	69.1	65.7	64.8	63.6	64.1	75.6	51.0
9	62.8	62.0	60.6	58.7	59.2	57.8	57.5	59.0	63.2	67.7	71.9	75.7	77.9	80.0	81.5	83.5	84.1	84.6	81.4	76.4	73.0	71.5	69.0	69.1	70.3	84.6	57.5
10	68.3	67.9	66.7	65.9	64.5	64.1	62.4	63.5	69.1	73.5	76.5	78.9	81.1	83.0	85.0	86.4	87.1	86.5	83.6	80.8	76.1	75.4	72.5	71.8	74.6	87.1	62.4
11	72.7	72.2	69.4	68.4	67.7	66.8	64.1	65.1	70.1	74.4	78.8	82.2	84.7	85.7	87.1	88.7	89.3	88.8	86.8	82.6	79.2	77.1	74.3	76.5	77.2	89.3	64.1
12	75.1	73.3	70.5	70.2	69.5	69.1	68.7	70.4	71.8	75.5	79.6	84.4	87.2	89.9	91.8	92.5	92.0	90.3	87.7	83.7	81.0	78.8	78.7	75.2	79.5	92.5	68.7
13	78.1	77.1	74.8	73.0	73.1	70.1	70.8	69.6	73.2	76.9	80.7	82.3	84.3	85.2	86.4	87.9	88.2	87.7	85.4	79.6	73.3	68.6	66.5	64.7	77.4	88.2	64.7
14	64.9	64.9	63.9	61.1	58.7	57.9	58.6	58.2	60.1	61.9	63.4	65.4	65.9	67.7	66.7	66.5	66.1	65.2	60.3	55.3	56.1	54.0	51.2	51.6	61.1	67.7	51.2
15	51.7	52.2	51.4	49.7	52.0	52.2	51.8	51.9	51.7	52.7	53.7	56.1	58.0	57.5	57.0	57.7	57.8	57.0	55.9	54.1	53.1	50.4	49.9	49.0	53.5	58.0	49.0
16	48.7	48.3	48.4	48.9	48.7	49.5	48.9	48.4	50.9	53.3	55.4	56.8	57.4	58.1	59.8	59.2	55.7	54.8	54.2	52.7	52.1	52.2	51.6	50.5	52.7	59.8	48.3
17	49.9	50.8	50.6	50.2	50.0	49.9	49.5	49.1	49.7	52.6	55.1	57.4	55.1	55.1	58.9	59.3	58.6	59.7	58.9	57.2	55.8	53.0	51.2	49.5	53.6	59.7	49.1
18	48.5	47.8	46.4	45.1	45.0	46.5	46.4	46.8	50.3	53.1	56.1	58.4	60.5	62.0	63.2	64.1	64.4	63.7	61.5	59.0	57.3	57.4	54.8	53.5	54.7	64.4	45.0
19	52.1	50.9	50.9	50.6	48.4	47.7	46.9	47.2	53.1	56.9	59.8	62.9	65.7	68.4	70.3	71.2	71.6	71.3	68.9	65.6	62.1	60.8	60.3	57.3	59.2	71.6	46.9
20	57.8	59.3	56.8	55.2	54.4	54.0	54.3	55.9	59.7	63.2	67.6	71.1	74.4	77.4	79.4	79.5	80.1	80.0	76.0	70.6	71.5	71.5	66.3	66.2	66.8	80.1	54.0
21	65.9	64.1	63.1	61.3	60.6	60.7	58.1	58.4	64.7	68.7	70.4	72.4	74.0	75.6	76.9	77.5	77.4	76.6	73.7	72.4	71.2	67.4	65.0	62.5	68.3	77.5	58.1
22	62.0	62.9	60.9	58.9	57.1	57.4	56.1	59.6	62.8	66.2	69.9	73.9	77.4	79.8	80.2	80.0	80.7	79.7	75.7	75.2	71.9	68.8	66.6	65.4	68.7	80.7	56.1
23	65.2	63.7	61.4	62.0	60.2	60.7	60.5	60.0	64.1	67.5	72.2	75.1	77.1	78.8	80.0	80.6	81.3	80.6	75.6	73.0	71.2	68.3	66.5	67.3	69.7	81.3	60.0
24	65.6	62.5	61.5	62.3	60.4	59.5	58.5	58.5	61.2	65.3	68.3	70.4	72.5	74.5	76.9	77.8	77.7	77.7	72.8	68.9	67.1	65.5	63.4	64.6	67.2	77.8	58.5
25	63.0	62.6	61.5	62.9	60.6	58.1	54.4	56.7	61.1	68.2	72.7	76.0	77.4	80.5	81.3	83.4	82.4	83.5	81.5	77.8	75.4	73.1	73.4	72.9	70.9	83.5	54.4
26	72.5	70.9	69.9	68.1	67.3	70.0	66.1	66.8	70.1	71.9	74.2	76.3	77.7	79.5	80.1	80.9	80.8	79.7	76.0	71.3	66.6	63.5	61.6	59.4	71.7	80.9	59.4
27	57.0	56.3	56.6	55.2	54.6	53.7	52.1	52.8	58.2	61.1	63.3	65.3	67.6	69.8	71.9	72.8	73.2	72.4	69.4	66.2	63.2	60.3	60.3	58.6	62.2	73.2	52.1
28	56.8	58.3	56.9	55.1	55.4	53.4	50.7	52.6	58.5	62.8	65.0	66.8	69.3	71.6	73.5	74.9	75.3	74.4	70.7	68.1	66.0	64.3	62.8	62.6	63.6	75.3	50.7
29	61.5	61.0	59.0	58.9	59.4	58.0	56.7	57.4	61.6	65.6	69.4	72.4	75.1	76.8	78.0	79.2	78.9	77.4	73.8	69.7	68.6	67.2	63.8	65.1	67.3	79.2	56.7
30	63.3	61.5	62.0	60.6	60.4	60.7	56.2	58.8	62.2	65.3	67.9	71.8	73.8	75.5	75.7	75.0	74.3	74.5	71.6	70.1	69.5	69.0	70.1	68.9	67.4	75.7	56.2
Avg	60.5	59.9	58.8	57.8	57.1	56.5	55.4	56.3	59.8	63.1	66.0	68.6	70.7	72.6	73.9	74.7	74.6	73.9	71.2	68.1	66.0	64.1	62.4	61.5	64.7	75.2	54.2
Max	78.1	77.1	74.8	73.0	73.1	70.1	70.8	70.4	73.2	76.9	80.7	84.4	87.2	89.9	91.8	92.5	92.0	90.3	87.7	83.7	81.0	78.8	78.7	76.5	79.5	92.5	68.7
Min	44.9	44.7	44.6	44.6	43.9	42.6	41.8	44.3	46.9	49.6	51.3	52.5	54.8	55.1	57.0	57.7	55.7	52.2	51.7	50.3	48.2	48.8	48.4	46.5	51.4	58.0	41.8

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
July 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	75.2	74.8	74.3	71.9	71.2	71.9	75.1	82.3	84.7	86.6	89.2	91.8	94.4	96.9	97.8	100.5	100.0	97.2	95.6	94.0	90.8	85.8	85.2	83.2	86.3	100.5	71.2
2	80.6	78.6	76.0	75.6	74.8	75.5	77.1	83.7	85.9	88.4	91.4	94.8	97.2	98.5	99.8	101.3	100.6	99.5	97.9	95.6	91.4	86.6	83.2	80.8	88.1	101.3	74.8
3	80.6	78.3	76.8	76.2	75.2	74.0	76.8	83.6	88.6	90.5	92.3	93.9	96.2	98.0	99.2	99.9	99.7	98.5	96.3	93.8	89.3	84.7	83.2	81.6	87.8	99.9	74.0
4	79.0	78.0	77.5	78.7	79.3	78.1	81.7	85.7	87.3	89.8	91.8	93.2	95.4	95.5	96.2	97.5	98.1	97.7	96.7	94.4	86.4	83.2	82.4	81.3	87.7	98.1	77.5
5	81.8	79.2	77.9	77.2	76.2	77.1	78.1	78.6	80.1	82.6	82.9	84.0	84.0	84.5	85.9	83.6	83.3	82.6	82.8	82.5	80.8	77.5	76.4	76.1	80.7	85.9	76.1
6	74.4	74.1	73.8	72.1	70.0	69.0	72.9	76.7	79.6	80.5	82.7	85.1	87.5	88.4	87.8	87.6	82.9	87.0	88.2	86.0	81.5	78.9	78.2	77.2	80.1	88.4	69.0
7	77.2	76.0	75.7	74.4	72.5	70.6	72.4	72.8	76.6	73.9	76.1	83.5	85.7	87.8	89.2	90.5	88.7	87.4	87.4	83.2	80.5	80.1	78.4	77.6	79.9	90.5	70.6
8	74.5	72.1	70.3	68.9	67.7	67.3	67.5	68.9	72.2	75.0	78.4	81.0	78.4	78.6	77.4	77.2	79.1	81.5	75.8	64.1	65.5	65.8	65.2	62.6	72.3	81.5	62.6
9	63.1	63.2	63.1	61.3	60.8	60.5	62.1	65.9	68.9	71.8	73.3	75.6	77.6	79.5	79.6	81.1	82.0	81.1	79.0	75.0	73.3	72.5	69.3	68.6	71.2	82.0	60.5
10	67.1	64.8	64.1	62.4	61.4	61.1	63.1	66.6	69.3	71.8	74.8	77.5	80.0	81.0	79.2	76.2	72.6	68.6	69.7	68.8	68.4	67.0	65.6	63.8	69.4	81.0	61.1
11	63.6	63.1	62.4	61.0	60.9	62.4	64.0	64.8	67.7	71.2	73.6	75.8	78.1	72.5	66.2	67.2	72.0	67.4	65.8	65.0	63.7	63.1	63.1	61.1	66.5	78.1	60.9
12	59.7	58.2	57.0	56.3	55.8	56.4	59.1	62.9	66.7	70.2	73.2	75.3	77.0	78.5	81.0	79.9	76.5	74.1	67.3	64.2	61.9	60.7	60.3	60.4	66.4	81.0	55.8
13	60.5	59.6	58.0	57.7	57.2	57.9	57.7	61.0	63.6	66.4	68.8	72.1	71.5	69.1	73.4	74.3	68.6	72.9	69.9	67.1	64.8	63.3	62.0	59.2	64.9	74.3	57.2
14	58.9	57.9	57.8	57.2	57.0	57.1	58.5	63.0	66.4	69.2	71.7	74.0	77.3	79.7	81.3	80.3	77.2	74.2	74.0	71.5	71.5	69.0	67.9	64.9	68.2	81.3	57.0
15	63.8	63.8	61.9	60.6	59.3	59.7	60.6	65.8	69.9	74.3	75.9	78.1	80.6	81.6	82.6	84.6	85.0	85.0	84.9	82.1	76.3	73.5	70.1	67.4	72.8	85.0	59.3
16	65.1	63.8	63.9	64.3	61.7	59.0	61.8	67.5	70.1	72.7	75.5	78.1	79.5	81.2	82.7	83.7	83.8	82.9	79.8	75.8	71.7	68.5	66.0	63.5	71.8	83.8	59.0
17	63.2	62.4	60.9	60.1	59.5	58.7	61.6	64.0	66.7	68.9	70.7	71.3	73.9	75.1	76.7	75.1	73.8	76.4	76.6	74.6	70.5	66.6	65.4	65.2	68.2	76.7	58.7
18	63.3	63.5	61.1	60.5	62.7	63.0	67.3	69.4	71.8	73.6	75.3	77.2	78.8	80.9	82.1	83.3	83.4	84.1	83.2	80.4	76.1	72.1	70.8	66.8	72.9	84.1	60.5
19	65.3	62.3	61.3	60.7	59.2	57.6	60.3	67.0	71.2	74.9	78.2	81.4	84.9	86.9	87.4	87.7	87.7	87.5	86.7	84.3	79.9	78.1	73.9	73.4	74.9	87.7	57.6
20	72.2	70.6	68.6	67.4	65.6	65.7	67.7	73.4	78.4	81.0	83.8	86.9	89.4	91.7	92.7	93.1	93.5	93.0	91.8	88.6	86.0	84.6	81.1	76.3	81.0	93.5	65.6
21	73.9	76.0	73.7	71.7	69.9	68.1	69.9	75.2	77.8	81.5	84.7	87.0	89.2	90.4	91.5	91.5	91.0	88.9	86.3	78.0	72.6	70.9	70.6	69.4	79.2	91.5	68.1
22	68.5	70.0	70.1	69.4	67.7	67.0	67.2	70.3	73.1	74.3	77.6	80.4	81.2	84.2	83.0	81.0	72.1	70.0	69.1	63.0	64.0	63.1	62.4	61.0	71.2	84.2	61.0
23	60.9	59.8	58.6	59.0	57.4	56.6	57.9	63.2	66.7	69.2	72.8	77.0	80.0	78.8	81.0	81.7	83.1	85.7	83.9	82.6	78.2	76.5	70.2	69.8	71.3	85.7	56.6
24	70.1	65.1	63.9	62.4	61.4	59.1	62.0	66.5	69.4	74.0	78.4	81.9	84.0	85.8	87.2	88.1	87.9	87.4	86.7	84.1	78.7	78.0	77.2	72.1	75.5	88.1	59.1
25	69.4	67.1	65.9	66.3	68.1	65.6	66.6	70.0	73.9	78.8	80.9	81.7	83.7	85.5	86.5	86.6	87.8	87.1	86.0	84.5	78.2	74.1	70.1	67.1	76.3	87.8	65.6
26	67.8	65.0	62.6	61.7	61.8	60.9	62.3	64.3	66.4	68.6	72.1	74.4	75.1	76.6	76.6	74.0	70.4	71.6	73.7	68.9	66.3	65.5	64.1	63.3	68.1	76.6	60.9
27	62.5	61.2	58.3	56.1	54.2	53.9	56.4	58.5	60.7	62.8	64.4	64.8	67.8	69.4	71.0	71.3	72.2	71.8	71.1	68.4	63.4	59.2	57.5	55.4	63.0	72.2	53.9
28	54.4	52.7	51.7	51.3	50.6	49.3	52.3	59.3	62.3	64.5	66.8	68.8	70.7	72.4	73.5	74.8	75.4	75.8	75.1	72.6	67.3	64.4	62.3	62.2	63.8	75.8	49.3
29	59.4	59.9	58.7	57.3	56.6	56.3	58.1	63.9	69.6	73.1	75.5	77.7	79.7	81.1	82.4	83.1	83.9	83.9	83.5	80.0	73.7	71.2	69.1	68.8	71.1	83.9	56.3
30	67.2	66.5	65.7	65.2	62.6	61.4	64.3	70.7	75.0	79.9	83.5	86.4	89.1	90.9	91.0	92.0	92.2	92.0	90.5	86.9	83.8	78.9	75.6	75.0	78.6	92.2	61.4
31	73.9	71.2	70.1	69.9	69.6	67.8	70.1	73.3	79.7	84.7	88.9	92.1	94.1	96.1	97.0	97.7	98.0	97.2	95.2	90.6	86.8	82.4	79.5	79.7	83.6	98.0	67.8
Avg	68.3	67.1	65.9	65.0	64.1	63.5	65.6	69.6	72.9	75.6	78.2	80.7	82.6	83.8	84.5	84.7	84.0	83.5	82.3	79.1	75.6	73.1	71.2	69.5	74.6	86.1	62.9
Max	81.8	79.2	77.9	78.7	79.3	78.1	81.7	85.7	88.6	90.5	92.3	94.8	97.2	98.5	99.8	101.3	100.6	99.5	97.9	95.6	91.4	86.6	85.2	83.2	88.1	101.3	77.5
Min	54.4	52.7	51.7	51.3	50.6	49.3	52.3	58.5	60.7	62.8	64.4	64.8	67.8	69.1	66.2	67.2	68.6	67.4	65.8	63.0	61.9	59.2	57.5	55.4	63.0	72.2	49.3

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
August 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	77.7	74.5	76.5	73.7	74.3	72.0	73.9	79.1	82.7	87.8	91.5	94.0	95.8	98.0	99.2	99.4	99.3	98.8	97.2	93.6	88.9	83.4	81.6	81.6	86.4	99.4	72.0
2	79.4	76.9	75.1	74.9	75.1	74.0	73.7	81.1	87.7	90.3	92.4	94.6	96.4	98.6	99.7	99.0	99.9	99.4	98.6	95.1	91.2	90.8	91.4	89.2	88.5	99.9	73.7
3	81.6	79.8	78.2	77.3	77.1	77.5	77.4	77.6	80.0	80.7	82.1	81.6	84.5	86.9	87.9	88.7	89.2	88.8	87.1	83.3	79.0	74.5	73.0	71.4	81.1	89.2	71.4
4	67.7	68.6	66.0	66.1	63.7	61.8	62.7	66.7	69.4	73.2	77.8	81.6	84.1	87.0	88.3	89.3	88.8	89.6	87.4	83.8	80.8	79.1	77.4	78.5	76.6	89.6	61.8
5	73.2	71.7	71.4	72.0	69.4	67.5	68.4	68.0	69.0	71.9	72.9	73.6	77.0	79.9	81.2	83.9	83.8	83.7	83.2	80.6	74.6	69.5	69.2	65.5	74.2	83.9	65.5
6	61.8	62.0	61.4	59.1	58.3	56.8	57.6	62.9	67.9	69.7	71.8	74.3	76.8	79.8	82.0	82.6	82.7	81.8	79.8	76.9	73.1	69.6	66.2	64.4	70.0	82.7	56.8
7	63.0	62.1	59.9	59.1	60.0	59.0	59.8	64.1	69.4	72.5	74.2	75.9	77.7	81.0	82.5	83.7	85.3	84.4	80.9	78.7	74.5	71.2	70.1	68.5	71.6	85.3	59.0
8	69.0	68.7	69.2	69.6	66.9	66.0	64.9	69.4	71.8	75.1	77.4	79.7	82.1	81.7	83.1	84.3	82.9	82.9	81.3	79.3	77.9	75.3	73.2	73.4	75.2	84.3	64.9
9	72.6	71.7	70.7	70.0	67.7	67.0	66.3	68.3	72.1	75.8	79.1	81.8	84.9	86.2	86.2	86.7	87.8	86.8	86.0	84.8	80.5	78.8	77.3	76.6	77.7	87.8	66.3
10	75.3	73.4	73.8	69.8	67.3	66.2	65.5	68.6	72.1	75.2	81.1	83.0	84.9	83.5	85.7	86.0	85.8	85.3	84.5	79.9	75.8	72.8	71.6	69.5	76.5	86.0	65.5
11	68.6	66.7	66.1	65.4	62.1	61.6	64.4	72.2	75.9	78.9	82.5	87.4	92.5	95.8	96.9	96.7	94.9	94.2	92.7	90.0	87.2	84.7	83.4	80.5	80.9	96.9	61.6
12	76.6	74.4	71.9	72.1	70.5	68.8	69.0	74.5	80.7	83.1	86.1	89.3	92.1	93.2	94.6	95.9	96.1	96.0	94.8	90.8	84.1	81.0	78.9	78.3	83.0	96.1	68.8
13	75.9	74.2	73.0	71.2	70.3	69.5	69.4	73.4	78.0	81.2	86.7	91.4	94.8	98.7	99.7	100.0	100.4	99.8	97.6	93.3	90.8	89.1	86.3	83.7	85.3	100.4	69.4
14	83.3	80.4	78.9	78.7	76.1	75.1	75.3	78.2	78.4	82.9	86.4	88.3	91.1	94.3	95.6	94.9	95.1	91.1	87.2	83.7	80.5	74.3	69.7	66.0	82.7	95.6	66.0
15	65.5	63.4	59.1	57.3	55.7	54.7	55.7	61.2	63.8	66.3	69.2	72.0	75.5	77.8	80.4	82.0	82.3	80.2	78.3	74.8	71.6	67.8	65.5	63.9	68.5	82.3	54.7
16	62.7	62.1	60.3	59.9	59.8	58.0	59.0	63.0	68.8	72.4	74.0	76.4	78.4	80.4	82.4	83.2	84.1	83.1	81.1	76.6	71.9	69.8	67.5	65.6	70.9	84.1	58.0
17	65.7	63.7	62.1	61.6	61.3	61.1	58.3	62.7	68.4	72.1	74.4	77.0	79.5	81.9	83.1	84.2	84.4	83.7	82.0	77.1	72.7	71.6	69.5	66.0	71.8	84.4	58.3
18	64.0	64.3	63.7	62.2	62.2	61.4	61.7	65.0	72.0	74.2	76.4	78.3	80.2	81.4	83.4	85.0	85.5	85.3	83.4	78.9	75.2	72.4	69.1	69.8	73.1	85.5	61.4
19	68.2	67.2	66.2	64.4	63.0	61.9	62.4	66.7	70.7	74.8	77.4	79.9	82.6	84.6	85.3	86.2	85.7	84.6	81.4	78.7	74.6	73.2	72.8	70.3	74.3	86.2	61.9
20	68.9	67.8	66.8	66.2	65.6	64.3	61.7	66.8	72.0	Au	Au	Au	86.3	88.8	90.4	90.7	91.3	91.0	89.2	84.7	80.6	75.8	77.5	74.0	77.2	91.3	61.7
21	70.4	70.3	69.6	67.2	64.8	67.3	70.1	70.8	73.7	75.3	78.6	80.2	82.3	84.8	86.3	87.1	87.6	86.2	82.7	78.6	74.4	67.9	64.6	63.1	75.2	87.6	63.1
22	62.6	61.1	61.0	59.4	55.5	54.1	53.5	58.4	63.4	66.1	68.1	70.3	72.3	74.5	76.7	77.6	78.6	78.7	76.9	71.9	67.7	65.0	64.1	64.0	66.7	78.7	53.5
23	61.4	58.6	58.1	58.1	57.6	55.7	55.4	58.1	65.1	67.7	71.2	74.7	78.7	81.5	83.4	85.4	85.4	83.6	81.3	77.4	74.3	71.6	70.5	69.3	70.2	85.4	55.4
24	67.7	66.0	63.5	62.8	64.9	61.5	64.9	66.6	70.4	73.2	77.6	81.8	86.5	88.7	89.7	89.5	89.1	88.2	85.9	82.5	79.3	75.3	75.1	75.5	76.1	89.7	61.5
25	76.5	71.8	67.7	66.8	65.1	67.2	74.3	76.5	78.5	80.2	82.2	86.6	89.5	90.5	92.1	90.6	91.7	90.0	87.1	83.2	81.4	77.7	75.9	74.4	79.9	92.1	65.1
26	73.5	71.4	69.0	68.6	66.5	65.4	68.9	72.2	77.2	82.4	86.0	89.1	91.4	92.6	93.8	94.4	93.4	90.2	88.8	84.4	82.7	83.0	78.2	76.3	80.8	94.4	65.4
27	75.7	77.7	76.6	74.7	73.6	70.8	69.3	70.5	77.0	80.0	83.6	85.7	87.5	88.6	89.8	90.2	90.0	90.1	88.1	82.7	79.9	79.3	75.3	74.6	80.5	90.2	69.3
28	72.4	73.2	73.5	71.2	67.6	64.6	69.2	71.9	76.1	79.4	84.7	85.7	86.3	86.3	85.9	85.2	85.2	84.1	81.9	79.2	77.1	76.7	72.7	73.4	77.6	86.3	64.6
29	74.0	73.0	72.2	74.0	75.9	73.3	73.2	73.6	77.5	82.1	83.9	86.2	83.8	84.6	86.2	86.2	85.6	84.1	79.0	76.7	76.6	75.3	74.1	72.1	78.5	86.2	72.1
30	66.6	60.8	59.0	58.4	58.8	59.0	58.5	61.5	65.9	68.7	69.8	70.0	70.5	73.1	75.9	76.4	76.4	75.4	73.4	66.1	62.4	58.6	57.1	55.3	65.7	76.4	55.3
31	53.8	53.8	51.8	52.1	52.0	50.9	50.7	54.7	60.2	63.6	66.9	69.5	71.9	75.8	77.5	76.7	76.2	75.6	74.0	70.5	66.9	63.8	63.1	61.9	63.9	77.5	50.7
Avg	70.2	68.8	67.5	66.6	65.4	64.3	65.0	68.5	72.8	75.9	78.9	81.3	83.8	85.8	87.3	87.8	87.9	87.0	84.9	81.2	77.7	74.8	73.0	71.5	76.1	88.2	63.1
Max	83.3	80.4	78.9	78.7	77.1	77.5	77.4	81.1	87.7	90.3	92.4	94.6	96.4	98.7	99.7	100.0	100.4	99.8	98.6	95.1	91.2	90.8	91.4	89.2	88.5	100.4	73.7
Min	53.8	53.8	51.8	52.1	52.0	50.9	50.7	54.7	60.2	63.6	66.9	69.5	70.5	73.1	75.9	76.4	76.2	75.4	73.4	66.1	62.4	58.6	57.1	55.3	63.9	76.4	50.7

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature 2 Meters (degrees Fahrenheit)
September 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	59.8	60.1	60.2	59.2	58.3	57.3	57.6	61.9	66.2	71.0	74.4	77.4	78.8	81.5	83.2	85.0	85.7	83.5	80.5	76.2	75.5	71.7	71.3	71.3	71.2	85.7	57.3
2	72.4	69.5	72.1	68.3	65.4	64.0	63.2	65.2	66.8	70.8	73.7	77.3	78.5	79.5	79.5	79.7	80.9	78.1	74.6	69.6	67.4	64.9	63.3	62.0	71.1	80.9	62.0
3	60.4	58.9	57.5	55.2	54.9	54.7	53.0	52.1	50.4	50.6	51.8	53.0	55.8	58.9	63.1	65.6	66.4	66.0	63.5	59.4	57.4	56.8	55.5	54.9	57.3	66.4	50.4
4	52.8	50.5	48.7	47.6	47.5	46.5	45.9	48.6	53.8	54.6	56.4	59.1	62.5	66.5	66.9	64.8	57.1	52.7	51.6	49.9	47.3	48.2	47.5	46.0	53.0	66.9	45.9
5	44.4	44.3	46.0	45.4	45.8	46.1	45.2	45.7	47.4	50.6	53.4	54.5	56.7	58.2	59.9	59.9	60.0	59.1	56.3	54.5	53.8	51.1	47.8	46.9	51.4	60.0	44.3
6	44.1	43.8	42.9	42.1	42.1	41.0	40.7	43.8	50.3	54.5	57.6	61.7	65.5	68.6	68.9	68.9	69.0	68.2	65.7	62.1	59.4	57.4	54.2	53.1	55.2	69.0	40.7
7	52.6	50.9	49.7	49.4	48.7	47.8	47.4	51.1	56.9	60.2	63.1	65.3	68.0	69.8	72.1	72.3	72.6	72.5	69.3	65.1	62.3	59.9	57.9	56.2	60.0	72.6	47.4
8	55.0	54.0	53.1	51.7	51.8	50.3	49.4	53.1	60.1	63.2	66.7	70.1	73.0	75.1	76.3	76.6	77.0	76.3	73.4	69.6	67.9	63.1	63.0	61.4	63.8	77.0	49.4
9	61.0	59.5	58.2	56.6	56.5	55.4	55.1	59.1	64.1	68.8	73.1	77.1	80.0	81.9	83.5	85.0	85.4	85.3	80.9	74.4	71.2	69.6	67.3	66.9	69.8	85.4	55.1
10	65.9	65.9	64.2	63.2	61.9	61.4	60.2	62.2	69.7	74.6	77.9	80.8	83.0	84.7	86.8	88.0	88.5	87.2	83.1	78.4	73.7	73.4	70.9	70.3	74.0	88.5	60.2
11	70.0	70.0	67.4	66.5	65.4	64.2	61.7	65.0	71.0	75.7	80.0	83.7	86.7	87.7	88.9	90.2	90.6	89.5	86.1	79.8	76.8	75.3	73.2	74.5	76.7	90.6	61.7
12	73.1	70.8	67.3	67.6	67.1	66.2	66.1	70.3	72.5	76.7	81.2	86.0	88.9	91.2	93.1	93.9	93.3	90.7	87.2	81.9	79.2	76.7	76.5	73.8	78.8	93.9	66.1
13	76.5	75.2	72.9	70.5	70.6	67.7	68.5	68.2	73.9	78.2	82.2	83.9	85.9	86.9	87.9	89.3	89.2	88.2	84.6	78.2	71.2	66.9	64.7	62.9	76.8	89.3	62.9
14	63.1	63.7	62.8	58.9	56.5	55.7	56.9	57.9	60.3	62.4	64.0	66.2	66.5	68.5	67.3	67.2	66.5	65.2	58.9	54.5	55.3	53.7	51.1	51.5	60.6	68.5	51.1
15	51.5	52.1	51.4	49.7	51.9	52.0	51.6	51.6	51.9	53.2	54.4	57.4	59.3	58.6	57.9	58.5	58.4	57.2	55.8	54.0	52.9	50.1	49.5	48.8	53.7	59.3	48.8
16	48.6	48.3	48.2	48.5	48.4	49.0	48.4	48.6	51.7	54.1	56.8	58.1	58.7	59.3	60.7	59.9	55.8	54.8	53.8	52.0	51.7	51.8	51.0	49.2	52.8	60.7	48.2
17	49.0	50.1	50.0	49.8	49.5	49.4	49.2	48.9	50.0	53.7	56.2	58.2	55.6	55.9	60.1	60.0	59.3	60.1	58.6	56.7	55.3	51.9	49.1	47.8	53.5	60.1	47.8
18	46.6	46.5	44.4	43.6	43.3	44.6	44.4	45.9	51.1	54.3	57.4	59.8	62.1	63.6	64.7	65.8	65.7	64.4	61.3	57.9	55.1	54.7	52.6	51.3	54.2	65.8	43.3
19	50.1	49.6	48.5	48.0	47.0	45.8	45.4	46.3	53.8	58.3	61.1	64.2	67.2	70.0	71.9	72.8	72.9	71.8	68.5	62.9	59.5	58.7	58.5	55.6	58.7	72.9	45.4
20	56.1	55.4	55.0	53.2	52.1	52.0	51.8	54.8	60.5	64.3	69.0	72.7	75.9	79.0	80.7	80.9	81.2	80.4	74.6	69.0	69.3	69.6	63.9	63.0	66.0	81.2	51.8
21	62.3	61.9	61.0	59.2	59.2	57.9	55.9	57.5	65.6	70.0	72.0	73.9	75.6	77.5	78.5	79.3	78.6	77.1	73.1	71.3	68.7	64.5	63.2	60.3	67.7	79.3	55.9
22	60.8	60.3	58.6	56.7	55.1	55.0	53.1	58.9	63.6	67.3	71.2	75.2	78.7	81.3	81.9	81.5	81.7	80.1	75.2	74.7	69.5	66.4	64.9	62.9	68.1	81.9	53.1
23	62.5	61.3	59.5	59.2	58.0	59.0	58.9	59.9	64.9	68.8	73.5	76.4	78.7	80.5	81.6	81.9	82.3	80.9	74.9	71.7	68.3	65.0	64.1	64.5	69.0	82.3	58.0
24	63.0	60.9	60.3	60.6	58.8	57.7	56.1	58.0	61.6	66.3	69.4	71.5	73.8	75.7	78.1	79.0	79.0	77.9	71.8	67.4	64.6	63.4	62.1	62.5	66.6	79.0	56.1
25	61.2	60.4	57.7	59.7	57.7	54.2	51.6	54.7	61.2	69.1	74.0	77.4	79.1	82.3	83.0	84.7	83.0	83.9	80.4	75.4	73.5	71.9	71.5	71.0	69.9	84.7	51.6
26	71.1	69.8	67.7	66.2	66.1	69.3	65.3	66.4	70.9	73.2	75.5	78.0	79.2	81.0	81.6	82.1	81.6	79.9	74.1	69.8	66.0	62.6	60.4	58.2	71.5	82.1	58.2
27	55.5	54.9	56.1	54.2	53.8	52.6	50.1	50.5	58.8	62.0	64.9	66.9	69.2	71.3	73.5	74.2	74.5	72.8	68.4	64.0	61.9	58.9	57.9	56.1	61.8	74.5	50.1
28	55.3	55.2	54.2	53.6	54.0	51.6	48.7	51.5	59.2	63.8	66.6	68.7	71.3	73.4	75.3	76.5	76.5	74.7	69.1	66.6	64.6	62.0	60.9	60.9	63.1	76.5	48.7
29	59.0	58.4	57.2	57.4	57.2	56.2	55.0	55.6	62.2	66.5	70.6	73.9	76.9	78.5	79.8	80.8	80.1	77.7	72.0	67.9	66.6	64.4	62.2	63.9	66.7	80.8	55.0
30	61.3	59.4	59.5	58.5	57.2	58.6	53.7	57.3	62.8	66.2	68.9	72.8	74.6	76.4	76.9	75.8	75.0	74.3	70.7	68.5	67.9	67.6	68.7	67.5	66.7	76.9	53.7
Avg	58.8	58.1	57.1	56.0	55.4	54.8	53.7	55.7	60.4	64.1	67.2	70.0	72.2	74.1	75.5	76.0	75.6	74.3	70.6	66.8	64.5	62.4	60.8	59.8	64.3	76.4	52.7
Max	76.5	75.2	72.9	70.5	70.6	69.3	68.5	70.3	73.9	78.2	82.2	86.0	88.9	91.2	93.1	93.9	93.3	90.7	87.2	81.9	79.2	76.7	76.5	74.5	78.8	93.9	66.1
Min	44.1	43.8	42.9	42.1	42.1	41.0	40.7	43.8	47.4	50.6	51.8	53.0	55.6	55.9	57.9	58.5	55.8	52.7	51.6	49.9	47.3	48.2	47.5	46.0	51.4	59.3	40.7

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
July 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.43	1.35	1.65	1.18	0.90	0.89	-0.37	-1.16	-1.87	-2.19	-2.13	-2.09	-2.48	-2.21	-2.10	-2.17	-1.72	-1.13	-0.77	-0.07	1.48	2.19	0.81	1.61	-0.33	2.43	-2.48
2	2.18	1.72	1.48	0.92	1.66	1.77	0.18	-1.12	-1.35	-1.74	-1.88	-2.22	-2.34	-2.08	-2.13	-1.95	-1.58	-1.55	-0.91	-0.02	0.52	1.05	2.22	2.62	-0.19	2.62	-2.34
3	2.34	2.26	1.57	1.18	1.78	1.28	-0.07	-0.83	-1.68	-2.25	-2.30	-2.27	-2.33	-2.25	-2.25	-2.08	-2.02	-1.59	-0.85	0.02	1.72	1.94	2.47	2.07	-0.17	2.47	-2.33
4	2.32	1.75	1.30	1.26	0.94	1.09	-0.06	-0.81	-1.31	-1.63	-1.72	-1.52	-1.67	-1.07	-1.38	-1.62	-1.69	-1.37	-0.65	0.03	2.02	2.21	2.12	1.55	0.00	2.32	-1.72
5	1.22	1.06	0.53	0.41	0.46	0.21	-0.07	-0.22	-0.65	-1.23	-1.00	-1.10	-1.24	-1.10	-1.64	-1.68	-1.29	-0.70	-0.61	-0.16	0.13	0.20	0.16	0.18	-0.34	1.22	-1.68
6	0.24	0.41	0.55	0.82	1.18	1.43	-0.30	-1.03	-1.24	-1.14	-1.21	-1.40	-1.58	-1.62	-1.49	-0.92	0.81	-0.15	-0.20	0.75	1.85	2.08	1.86	1.68	0.06	2.08	-1.62
7	1.83	2.40	1.66	1.46	2.23	2.87	1.05	1.19	0.58	1.24	0.23	-1.80	-1.67	-2.12	-2.20	-2.21	-1.06	-0.83	-1.13	-0.11	0.45	0.38	0.43	0.51	0.22	2.87	-2.21
8	1.42	0.85	0.81	0.63	0.54	0.47	-0.11	-0.63	-1.34	-1.08	-1.13	-1.50	-0.64	-1.13	-1.32	-1.10	-1.30	-1.21	-0.49	0.45	0.69	1.45	0.98	1.34	-0.14	1.45	-1.50
9	0.59	0.63	0.72	1.72	1.19	1.30	0.96	-0.49	-0.57	-0.87	-0.99	-2.22	-2.68	-2.73	-2.32	-2.41	-2.10	-1.11	-0.58	-0.02	0.51	0.33	0.10	0.01	-0.46	1.72	-2.73
10	0.28	0.38	0.19	0.95	0.79	0.35	-0.40	-0.99	-1.38	-1.63	-1.62	-1.75	-2.24	-2.01	-1.27	-0.37	-0.04	-0.11	-0.16	0.11	0.45	0.59	0.19	0.52	-0.38	0.95	-2.24
11	0.39	0.78	0.92	1.42	1.43	0.87	0.00	-0.08	-0.73	-1.08	-1.52	-1.80	-2.02	-0.53	0.35	0.05	-0.31	-0.61	-0.53	-0.09	0.19	0.63	0.38	0.62	-0.05	1.43	-2.02
12	1.12	1.63	1.70	1.44	1.84	1.56	0.09	-0.67	-0.91	-1.39	-1.59	-1.66	-1.51	-1.99	-2.13	-1.55	-2.05	-1.21	0.23	0.11	0.21	0.28	0.39	0.41	-0.24	1.84	-2.13
13	0.61	0.68	1.39	1.88	2.14	0.91	-0.18	-0.48	-0.56	-0.75	-0.86	-1.48	-0.68	-1.16	-1.67	-1.13	0.20	-1.03	-0.19	0.17	0.30	0.69	0.89	1.27	0.04	2.14	-1.67
14	1.45	1.91	1.79	2.52	2.15	1.84	0.09	-0.91	-1.20	-1.69	-2.03	-2.05	-2.26	-2.18	-2.18	-1.54	-0.35	-0.75	-0.59	-0.08	0.38	0.69	0.70	1.16	-0.13	2.52	-2.26
15	1.24	0.92	2.41	1.59	1.21	1.40	1.08	-0.66	-1.09	-1.74	-1.88	-1.88	-2.12	-1.72	-1.43	-1.61	-1.35	-1.15	-0.77	0.23	1.77	1.69	1.88	1.86	-0.01	2.41	-2.12
16	2.32	1.94	1.24	1.24	2.47	2.17	0.68	-0.90	-0.94	-1.44	-1.52	-1.70	-1.86	-1.93	-2.23	-2.15	-1.95	-1.71	-0.92	-0.29	0.06	0.25	0.36	0.46	-0.26	2.47	-2.23
17	0.45	0.45	0.46	0.54	0.44	0.48	-0.12	-0.62	-1.42	-1.97	-2.25	-1.95	-2.22	-2.28	-2.29	-1.40	-0.84	-1.44	-0.88	0.04	0.81	1.81	1.71	1.05	-0.48	1.81	-2.29
18	1.67	1.24	2.36	2.26	1.55	1.28	0.00	-1.00	-1.62	-1.96	-2.19	-2.22	-1.96	-2.28	-1.81	-1.87	-1.47	-1.55	-1.05	-0.02	0.77	2.47	2.00	1.75	-0.15	2.47	-2.28
19	1.70	1.97	2.02	2.11	2.50	3.12	0.15	-1.07	-1.41	-1.87	-2.43	-2.07	-2.34	-2.41	-2.49	-2.39	-1.80	-1.33	-0.80	0.08	0.97	1.93	2.77	2.63	-0.02	3.12	-2.49
20	2.19	2.64	2.73	1.85	2.43	2.65	0.47	-0.89	-1.26	-1.46	-1.47	-1.89	-1.86	-1.93	-2.08	-1.70	-1.58	-1.17	-0.65	1.49	1.64	0.46	0.84	1.77	0.13	2.73	-2.08
21	1.42	0.60	0.94	1.01	1.23	2.81	0.58	-0.66	-1.22	-1.33	-1.63	-1.75	-1.89	-1.87	-2.01	-1.84	-1.23	-0.75	-0.42	0.30	0.54	0.44	0.31	0.26	-0.26	2.81	-2.01
22	0.34	0.32	0.12	0.15	0.44	0.47	0.01	-0.78	-0.87	-1.09	-1.67	-1.69	-1.60	-1.78	-1.52	-0.92	0.38	-0.20	-0.06	0.78	0.69	0.72	0.85	0.97	-0.25	0.97	-1.78
23	0.78	0.69	0.55	1.16	1.91	1.27	0.40	-0.60	-1.11	-1.39	-1.60	-1.81	-2.14	-0.92	-1.00	-1.79	-1.44	-1.22	-0.35	0.11	1.40	1.67	3.27	2.08	-0.00	3.27	-2.14
24	1.11	1.91	2.28	1.81	1.98	2.25	1.17	-0.55	-1.16	-1.41	-1.37	-1.52	-1.95	-2.00	-1.92	-1.80	-1.55	-1.12	-0.54	0.50	2.33	2.10	1.47	1.37	0.14	2.33	-2.00
25	1.46	2.76	1.71	1.23	0.79	1.77	0.15	-0.85	-1.12	-1.49	-1.78	-1.81	-2.01	-2.11	-2.15	-1.71	-1.48	-1.02	-0.36	0.01	1.22	1.35	1.02	1.51	-0.12	2.76	-2.15
26	0.69	1.26	1.39	0.91	0.82	0.44	-0.11	-0.95	-1.56	-1.78	-2.00	-1.88	-1.55	-1.49	-0.77	-1.05	0.24	-0.58	-0.14	0.00	0.29	0.42	0.22	0.37	-0.28	1.39	-2.00
27	0.19	0.10	0.21	0.26	0.48	0.45	-0.04	-0.77	-1.31	-1.87	-2.12	-1.49	-2.05	-2.30	-2.35	-2.08	-1.99	-1.47	-0.88	0.01	0.71	1.61	1.55	1.19	-0.58	1.61	-2.35
28	2.21	1.92	1.45	2.05	1.56	1.61	0.53	-1.08	-1.53	-1.62	-1.87	-1.92	-2.08	-2.19	-1.91	-2.00	-1.75	-1.57	-0.99	0.20	2.45	1.66	1.97	1.88	-0.04	2.45	-2.19
29	2.52	2.02	2.14	2.35	2.18	1.73	0.98	-0.62	-1.32	-1.84	-2.21	-2.28	-2.31	-2.40	-2.14	-1.86	-1.75	-1.59	-0.95	0.78	2.73	2.15	1.79	1.43	0.06	2.73	-2.40
30	2.20	1.55	2.07	3.37	2.13	3.69	0.92	-0.75	-1.17	-1.32	-1.73	-2.41	-2.42	-2.59	-2.10	-2.06	-1.89	-1.32	-0.69	0.54	1.33	2.85	2.92	3.58	0.28	3.69	-2.59
31	3.50	3.21	2.76	2.03	3.10	3.59	1.17	-0.07	-1.08	-1.14	-1.71	-2.14	-2.00	-2.27	-1.99	-1.89	-1.81	-1.24	-0.54	0.69	1.58	2.95	2.87	1.65	0.47	3.59	-2.27
Avg	1.43	1.40	1.39	1.41	1.50	1.55	0.28	-0.68	-1.14	-1.42	-1.65	-1.85	-1.93	-1.89	-1.80	-1.64	-1.22	-1.09	-0.59	0.21	1.04	1.33	1.34	1.33	-0.11	2.28	-2.14
Max	3.50	3.21	2.76	3.37	3.10	3.69	1.17	1.19	0.58	1.24	0.23	-1.10	-0.64	-0.53	0.35	0.05	0.81	-0.11	0.23	1.49	2.73	2.95	3.27	3.58	0.47	3.69	-1.50
Min	0.19	0.10	0.12	0.15	0.44	0.21	-0.40	-1.16	-1.87	-2.25	-2.43	-2.41	-2.68	-2.73	-2.49	-2.41	-2.10	-1.71	-1.13	-0.29	0.06	0.20	0.10	0.01	-0.58	0.95	-2.73

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
August 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	4.13	2.52	1.98	2.39	2.47	2.34	0.56	-0.55	-0.89	-1.31	-1.76	-1.90	-2.25	-2.55	-2.46	-2.25	-1.78	-1.35	-0.55	0.61	2.44	2.57	1.74	1.67	0.24	4.13	-2.55
2	2.31	2.00	2.30	3.29	2.11	2.53	1.80	-0.86	-1.54	-1.93	-2.22	-2.10	-1.99	-2.18	-1.85	-1.45	-1.67	-1.24	-0.69	0.69	1.66	1.04	0.45	0.40	0.04	3.29	-2.22
3	0.21	0.18	0.04	0.04	0.06	0.15	0.10	-0.21	-0.57	-0.77	-0.85	-1.09	-1.49	-1.69	-1.48	-1.50	-1.40	-1.42	-0.67	0.31	0.85	1.88	1.56	0.24	-0.31	1.88	-1.69
4	1.08	0.50	1.06	0.85	1.61	2.66	1.18	-0.41	-0.98	-1.44	-1.60	-1.82	-1.84	-2.33	-1.67	-1.33	-1.65	-1.07	-0.76	0.03	0.55	1.38	1.37	0.89	-0.16	2.66	-2.33
5	0.78	1.15	0.85	0.55	0.97	1.12	0.61	-0.37	-0.66	-0.93	-1.31	-0.71	-1.52	-1.41	-1.41	-1.84	-1.39	-1.04	-0.60	0.95	0.84	2.45	1.16	1.65	-0.00	2.45	-1.84
6	4.48	1.59	1.66	1.78	1.97	2.60	1.54	-0.56	-1.25	-1.86	-1.64	-1.78	-1.85	-2.13	-1.98	-1.99	-1.85	-1.38	-0.77	0.23	1.75	2.63	2.10	1.54	0.20	4.48	-2.13
7	3.32	1.54	1.74	1.95	1.80	1.61	1.75	-0.50	-1.38	-2.00	-1.72	-1.55	-1.34	-1.71	-1.47	-1.45	-1.66	-1.36	-0.43	-0.04	0.22	0.35	0.27	0.48	-0.07	3.32	-2.00
8	0.45	0.28	0.17	0.12	0.52	0.42	0.20	-0.62	-1.15	-1.79	-1.94	-1.96	-2.08	-1.25	-1.73	-1.96	-1.26	-1.03	-0.42	0.15	0.52	0.98	1.34	1.30	-0.45	1.34	-2.08
9	1.00	0.99	0.65	1.13	0.99	0.89	0.32	-0.81	-0.91	-1.14	-1.63	-1.46	-2.06	-1.89	-1.34	-0.88	-1.08	-0.40	-0.07	0.35	1.25	1.88	2.00	1.70	-0.02	2.00	-2.06
10	1.66	1.25	1.71	2.39	2.16	2.84	2.50	0.59	-0.54	-0.95	-1.68	-1.46	-1.42	-1.33	-2.19	-1.86	-1.67	-0.96	-0.02	1.42	2.21	2.30	1.46	1.86	0.43	2.84	-2.19
11	1.81	2.37	1.77	1.13	1.87	1.82	1.15	-0.75	-1.47	-1.98	-1.39	-1.78	-2.17	-2.34	-2.17	-1.79	-1.00	-0.53	-0.10	0.22	0.95	1.77	1.82	2.58	0.07	2.58	-2.34
12	3.12	2.53	2.56	1.67	1.91	2.98	1.51	-0.61	-1.16	-1.52	-1.92	-2.24	-2.08	-2.05	-1.91	-1.86	-1.57	-1.05	-0.21	1.78	2.19	2.29	2.37	1.55	0.35	3.12	-2.24
13	2.77	3.08	2.58	2.77	3.01	2.82	1.93	-0.63	-0.67	-0.99	-1.55	-1.84	-2.21	-2.35	-2.15	-1.84	-1.60	-0.95	-0.14	0.88	1.09	1.46	1.80	2.39	0.40	3.08	-2.35
14	1.61	1.00	0.86	1.18	1.17	0.94	0.73	-0.16	-0.42	-1.28	-1.46	-1.60	-2.07	-2.42	-2.22	-1.59	-1.36	-0.81	-0.23	0.16	0.36	0.45	0.62	1.30	-0.22	1.61	-2.42
15	0.59	0.68	1.25	2.01	1.86	1.52	1.23	-0.37	-0.92	-1.28	-1.66	-1.48	-1.71	-1.44	-1.73	-1.57	-1.44	-1.25	-0.41	0.54	1.54	2.51	1.83	1.60	0.08	2.51	-1.73
16	1.48	2.72	2.40	1.76	2.06	1.43	0.73	-0.08	-0.87	-1.70	-1.85	-1.88	-1.93	-1.71	-1.86	-1.69	-1.82	-1.18	-0.41	1.18	2.28	1.45	3.10	1.75	0.22	3.10	-1.93
17	0.90	1.63	1.39	1.21	1.55	1.89	1.88	-0.33	-1.31	-1.67	-1.93	-2.30	-2.27	-2.21	-2.14	-2.08	-1.75	-1.17	-0.26	1.54	1.86	1.18	1.23	2.26	-0.04	2.26	-2.30
18	2.38	1.43	1.48	1.47	1.36	1.54	1.50	-0.01	-1.12	-1.65	-1.94	-2.03	-1.91	-1.69	-1.88	-1.75	-1.54	-1.11	-0.25	0.95	1.91	1.83	2.50	2.23	0.15	2.50	-2.03
19	2.44	2.81	1.43	1.27	1.98	2.09	1.32	-0.22	-0.89	-1.07	-1.16	-1.37	-1.98	-2.19	-1.99	-1.99	-1.41	-0.84	-0.09	0.96	2.00	2.08	2.13	1.80	0.30	2.81	-2.19
20	2.15	2.23	2.30	2.28	2.89	1.55	1.85	0.40	-0.93	Au	Au	Au	-1.86	-1.78	-1.74	-1.57	-1.17	-0.79	-0.03	1.92	1.52	2.22	1.09	1.54	0.67	2.89	-1.86
21	1.03	1.70	1.94	2.01	2.12	0.96	0.33	-0.30	-0.81	-1.10	-1.63	-1.53	-1.89	-2.02	-1.92	-1.68	-1.48	-0.98	-0.19	0.38	0.56	0.57	0.57	0.43	-0.12	2.12	-2.02
22	0.39	0.60	0.47	0.69	0.90	0.88	0.89	-0.36	-1.06	-1.53	-1.78	-1.77	-1.69	-1.68	-1.71	-1.48	-1.39	-0.94	-0.16	0.99	2.47	1.98	2.50	1.90	-0.04	2.50	-1.78
23	2.70	3.97	2.67	1.55	1.77	2.05	1.96	-0.31	-1.25	-1.43	-1.67	-1.86	-1.99	-2.15	-2.06	-2.02	-1.46	-0.90	0.00	1.32	1.52	2.48	2.35	2.04	0.39	3.97	-2.15
24	2.72	1.97	3.12	2.85	1.56	3.35	1.91	0.92	-0.34	-0.91	-1.10	-1.15	-1.50	-2.00	-2.06	-1.89	-1.51	-0.89	0.11	1.42	3.30	2.80	2.80	2.53	0.75	3.35	-2.06
25	1.89	1.38	3.09	2.35	2.76	1.81	0.79	-0.20	-0.82	-1.37	-1.24	-1.65	-1.78	-1.73	-2.08	-1.44	-1.48	-0.80	0.18	0.96	1.35	2.91	2.51	3.02	0.43	3.09	-2.08
26	3.56	2.81	2.37	3.12	2.93	3.34	1.56	-0.24	-1.03	-1.27	-1.18	-1.70	-1.65	-1.63	-1.87	-1.50	-1.25	-0.41	0.00	1.80	1.24	2.14	2.57	2.33	0.67	3.56	-1.87
27	4.14	2.05	1.02	1.67	1.54	1.33	1.12	0.25	-1.01	-1.47	-1.66	-1.64	-1.86	-1.78	-1.78	-1.52	-1.23	-0.68	-0.12	0.49	0.80	1.55	2.83	2.56	0.27	4.14	-1.86
28	2.43	2.33	1.34	1.89	1.68	2.74	1.26	0.03	-0.90	-0.88	-1.31	-1.29	-1.26	-1.27	-1.03	-0.69	-0.92	-0.54	0.00	0.46	1.40	2.33	2.10	2.13	0.50	2.74	-1.31
29	2.16	1.55	1.79	1.10	0.66	0.83	0.57	0.38	-0.25	-1.17	-0.73	-1.15	-0.64	-0.86	-0.99	-1.01	-0.88	-0.84	-0.17	0.06	0.22	0.30	0.33	0.47	0.07	2.16	-1.17
30	0.94	1.51	1.45	1.53	0.99	1.62	0.86	-0.39	-0.93	-1.43	-1.48	-1.25	-1.22	-1.58	-1.86	-1.56	-1.29	-0.78	-0.12	0.28	0.57	1.63	1.56	2.15	0.05	2.15	-1.86
31	2.54	1.85	2.33	1.42	1.21	2.22	1.25	-0.05	-1.09	-1.22	-1.63	-1.69	-1.74	-2.21	-2.25	-2.11	-1.73	-1.22	-0.32	0.83	1.71	2.28	2.19	2.12	0.20	2.54	-2.25
Avg	2.04	1.75	1.67	1.66	1.69	1.83	1.19	-0.24	-0.94	-1.37	-1.55	-1.63	-1.78	-1.86	-1.84	-1.65	-1.44	-0.96	-0.25	0.77	1.39	1.80	1.75	1.69	0.16	2.81	-2.03
Max	4.48	3.97	3.12	3.29	3.01	3.35	2.50	0.92	-0.25	-0.77	-0.73	-0.71	-0.64	-0.86	-0.99	-0.69	-0.88	-0.40	0.18	1.92	3.30	2.91	3.10	3.02	0.75	4.48	-1.17
Min	0.21	0.18	0.04	0.04	0.06	0.15	0.10	-0.86	-1.54	-2.00	-2.22	-2.30	-2.27	-2.55	-2.46	-2.25	-1.85	-1.42	-0.77	-0.04	0.22	0.30	0.27	0.24	-0.45	1.34	-2.55

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Temperature Delta T (degrees Fahrenheit)
September 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.12	2.04	2.82	2.25	1.74	1.48	1.94	-0.12	-0.98	-1.04	-1.43	-1.67	-1.51	-1.63	-1.74	-1.70	-1.32	-1.13	-0.11	0.71	1.43	2.07	2.36	2.49	0.38	2.82	-1.74
2	1.40	0.97	0.74	0.94	1.18	1.29	1.09	0.53	-0.35	-0.83	-1.13	-1.86	-1.65	-1.36	-1.08	-0.98	-0.99	-0.62	-0.03	0.67	0.17	0.36	0.15	-0.02	-0.06	1.40	-1.86
3	0.21	0.37	0.45	0.96	0.79	0.01	-0.14	-0.23	-0.16	-0.32	-0.49	-0.50	-1.02	-1.31	-1.48	-1.34	-1.33	-1.05	-0.25	0.46	0.73	0.70	0.56	0.72	-0.15	0.96	-1.48
4	1.03	2.12	1.89	1.45	1.45	2.12	1.90	-0.12	-0.60	-0.79	-1.06	-1.26	-1.85	-2.11	-1.81	-0.61	-0.40	-0.52	0.13	0.42	0.95	0.66	0.87	0.51	0.18	2.12	-2.11
5	0.44	0.37	0.24	0.24	0.07	0.04	0.14	-0.03	-0.57	-1.01	-1.14	-1.27	-1.37	-1.19	-1.19	-0.78	-0.54	-0.45	0.10	0.69	1.05	1.93	2.24	1.89	-0.00	2.24	-1.37
6	1.18	1.61	1.72	2.45	1.76	1.57	1.11	0.55	-0.75	-1.05	-0.98	-1.52	-1.86	-2.19	-2.11	-1.99	-1.56	-0.98	-0.01	1.40	1.27	1.05	1.28	1.13	0.13	2.45	-2.19
7	1.66	3.19	1.18	2.12	1.89	1.88	1.36	-0.11	-0.74	-1.32	-1.42	-1.48	-1.85	-1.43	-1.75	-1.88	-1.32	-0.87	-0.04	0.98	1.73	1.13	1.79	2.85	0.31	3.19	-1.88
8	1.66	2.45	2.27	3.48	1.10	1.76	1.51	-0.17	-0.98	-1.28	-1.42	-1.62	-1.71	-2.04	-2.10	-1.51	-1.45	-0.91	0.14	0.81	1.21	2.61	1.82	2.22	0.33	3.48	-2.10
9	1.79	2.55	2.46	2.11	2.71	2.33	2.47	-0.05	-0.96	-1.12	-1.12	-1.40	-2.08	-1.98	-1.97	-1.57	-1.23	-0.71	0.51	1.98	1.80	1.84	1.72	2.15	0.51	2.71	-2.08
10	2.44	1.95	2.51	2.70	2.60	2.65	2.29	1.37	-0.63	-1.08	-1.41	-1.91	-1.87	-1.75	-1.76	-1.59	-1.38	-0.75	0.55	2.41	2.47	1.94	1.60	1.45	0.62	2.70	-1.91
11	2.76	2.21	1.98	1.91	2.32	2.63	2.33	0.08	-0.91	-1.30	-1.21	-1.48	-1.99	-2.02	-1.78	-1.50	-1.30	-0.70	0.72	2.90	2.35	1.78	1.07	2.08	0.54	2.90	-2.02
12	1.98	2.44	3.20	2.60	2.38	2.86	2.60	0.09	-0.72	-1.25	-1.53	-1.61	-1.72	-1.37	-1.28	-1.44	-1.31	-0.42	0.50	1.77	1.81	2.13	2.18	1.35	0.64	3.20	-1.72
13	1.55	1.88	1.84	2.51	2.48	2.39	2.26	1.40	-0.72	-1.30	-1.44	-1.63	-1.62	-1.67	-1.56	-1.43	-1.01	-0.52	0.77	1.39	2.17	1.67	1.75	1.77	0.54	2.51	-1.67
14	1.81	1.17	1.08	2.26	2.13	2.28	1.67	0.27	-0.22	-0.47	-0.66	-0.79	-0.62	-0.81	-0.55	-0.68	-0.39	0.01	1.38	0.80	0.76	0.26	0.05	0.11	0.45	2.28	-0.81
15	0.11	0.06	0.03	0.00	0.17	0.22	0.21	0.30	-0.15	-0.48	-0.76	-1.24	-1.33	-1.16	-0.84	-0.87	-0.57	-0.23	0.04	0.09	0.19	0.29	0.36	0.21	-0.22	0.36	-1.33
16	0.13	0.07	0.19	0.40	0.33	0.47	0.43	-0.14	-0.80	-0.84	-1.35	-1.35	-1.23	-1.19	-0.98	-0.70	-0.11	0.00	0.39	0.70	0.37	0.34	0.55	1.29	-0.13	1.29	-1.35
17	0.91	0.68	0.65	0.42	0.50	0.43	0.34	0.11	-0.29	-1.02	-1.11	-0.75	-0.55	-0.80	-1.21	-0.76	-0.65	-0.41	0.32	0.51	0.58	1.18	2.08	1.64	0.12	2.08	-1.21
18	1.94	1.34	2.01	1.45	1.72	1.82	1.95	0.90	-0.77	-1.21	-1.30	-1.35	-1.58	-1.61	-1.53	-1.66	-1.22	-0.68	0.20	1.12	2.25	2.67	2.20	2.12	0.45	2.67	-1.66
19	2.05	1.35	2.40	2.61	1.48	1.90	1.47	0.93	-0.78	-1.31	-1.32	-1.34	-1.52	-1.68	-1.61	-1.57	-1.32	-0.55	0.40	2.77	2.57	2.09	1.75	1.67	0.52	2.77	-1.68
20	1.72	3.91	1.85	1.96	2.30	1.92	2.56	1.06	-0.83	-1.16	-1.33	-1.61	-1.44	-1.57	-1.36	-1.49	-1.13	-0.43	1.37	1.60	2.22	1.88	2.48	3.23	0.74	3.91	-1.61
21	3.57	2.17	2.07	2.16	1.42	2.83	2.20	0.94	-0.84	-1.30	-1.53	-1.56	-1.56	-1.88	-1.59	-1.78	-1.18	-0.52	0.59	1.07	2.55	2.93	1.83	2.27	0.62	3.57	-1.88
22	1.20	2.65	2.34	2.13	1.94	2.36	2.99	0.74	-0.82	-1.16	-1.33	-1.24	-1.34	-1.50	-1.64	-1.45	-1.00	-0.41	0.43	0.46	2.36	2.46	1.73	2.48	0.60	2.99	-1.64
23	2.73	2.37	1.86	2.81	2.18	1.71	1.62	0.12	-0.80	-1.25	-1.29	-1.31	-1.66	-1.73	-1.60	-1.31	-0.98	-0.30	0.66	1.37	2.95	3.28	2.35	2.78	0.69	3.28	-1.73
24	2.59	1.59	1.16	1.73	1.59	1.80	2.44	0.52	-0.41	-1.00	-1.10	-1.11	-1.29	-1.28	-1.26	-1.13	-1.29	-0.23	0.98	1.48	2.46	2.12	1.32	2.15	0.58	2.59	-1.29
25	1.80	2.18	3.81	3.24	2.88	3.93	2.77	1.99	-0.07	-0.97	-1.33	-1.32	-1.73	-1.85	-1.74	-1.28	-0.59	-0.35	1.17	2.38	1.92	1.25	1.85	1.86	0.91	3.93	-1.85
26	1.40	1.04	2.20	1.95	1.21	0.76	0.80	0.38	-0.73	-1.29	-1.30	-1.66	-1.48	-1.56	-1.46	-1.22	-0.83	-0.19	1.88	1.45	0.66	0.96	1.15	1.13	0.22	2.20	-1.66
27	1.51	1.40	0.58	0.93	0.87	1.09	1.95	2.28	-0.59	-0.99	-1.67	-1.62	-1.57	-1.52	-1.56	-1.39	-1.29	-0.43	0.97	2.17	1.35	1.42	2.39	2.51	0.37	2.51	-1.67
28	1.48	3.09	2.65	1.46	1.42	1.81	2.00	1.18	-0.72	-0.98	-1.56	-1.89	-2.03	-1.83	-1.76	-1.65	-1.22	-0.20	1.58	1.57	1.45	2.32	1.88	1.73	0.49	3.09	-2.03
29	2.54	2.56	1.85	1.46	2.19	1.77	1.72	1.87	-0.59	-0.88	-1.12	-1.50	-1.73	-1.75	-1.77	-1.61	-1.21	-0.25	1.85	1.78	1.96	2.81	1.63	1.21	0.62	2.81	-1.77
30	2.01	2.16	2.48	2.06	3.13	2.10	2.43	1.49	-0.58	-0.90	-1.05	-0.99	-0.73	-0.89	-1.15	-0.81	-0.66	0.21	0.90	1.64	1.59	1.44	1.39	1.36	0.78	3.13	-1.15
Avg	1.66	1.80	1.75	1.83	1.66	1.74	1.68	0.60	-0.64	-1.03	-1.23	-1.39	-1.52	-1.56	-1.51	-1.32	-1.03	-0.49	0.60	1.32	1.58	1.65	1.55	1.68	0.39	2.60	-1.68
Max	3.57	3.91	3.81	3.48	3.13	3.93	2.99	2.28	-0.07	-0.32	-0.49	-0.50	-0.55	-0.80	-0.55	-0.61	-0.11	0.21	1.88	2.90	2.95	3.28	2.48	3.23	0.91	3.93	-0.81
Min	0.11	0.06	0.03	0.00	0.07	0.01	-0.14	-0.23	-0.98	-1.32	-1.67	-1.91	-2.08	-2.19	-2.11	-1.99	-1.56	-1.13	-0.25	0.09	0.17	0.26	0.05	-0.02	-0.22	0.36	-2.19

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Relative Humidity (% RH)
July 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	37.4	38.1	38.3	41.5	43.1	39.8	33.2	23.1	19.4	16.5	14.6	13.0	11.9	10.6	11.2	10.4	11.0	13.5	14.2	14.0	15.3	19.1	21.9	24.1	22.3	43.1	10.4
2	26.6	28.2	31.2	32.3	32.5	30.2	26.2	21.0	18.1	15.5	12.9	10.4	9.7	9.7	9.1	8.5	9.6	10.4	9.5	11.2	13.3	16.3	18.1	19.8	17.9	32.5	8.5
3	18.5	19.5	20.1	21.5	22.8	24.0	20.3	14.5	12.1	11.1	10.8	10.5	10.6	10.4	9.7	9.1	9.8	10.6	11.5	12.0	14.1	16.6	17.5	19.1	14.9	24.0	9.1
4	21.0	22.1	22.2	23.4	22.4	21.9	17.4	13.5	11.5	9.1	8.0	7.6	7.3	7.4	6.5	7.1	7.6	8.4	9.6	10.8	13.3	13.1	15.1	15.5	13.4	23.4	6.5
5	15.2	20.2	32.2	34.7	35.3	35.7	35.2	32.7	33.2	28.8	29.5	31.3	31.3	29.4	28.0	32.6	32.0	31.5	32.3	31.9	33.9	37.5	39.4	39.8	31.8	39.8	15.2
6	43.0	40.1	38.0	41.0	45.3	47.2	40.1	33.8	31.0	30.5	27.2	23.1	21.0	21.1	23.8	24.3	34.7	25.0	21.1	22.4	29.0	34.7	35.6	35.9	32.0	47.2	21.0
7	34.0	36.4	34.5	32.5	34.9	40.2	38.6	45.7	37.6	47.6	44.5	27.5	23.8	21.1	20.1	18.7	19.6	19.6	20.3	26.3	28.3	29.3	32.6	32.9	31.1	47.6	18.7
8	35.8	41.2	44.6	48.6	55.4	56.9	57.3	56.7	48.7	40.7	32.5	31.9	43.4	40.6	44.0	40.8	35.9	31.3	41.2	81.8	73.6	67.3	67.3	77.3	49.8	81.8	31.3
9	77.8	79.0	77.4	77.8	79.1	81.3	78.4	68.6	60.2	54.2	48.3	49.5	46.7	42.7	38.7	35.9	33.3	33.3	35.4	35.1	37.0	38.5	52.4	53.4	54.8	81.3	33.3
10	58.5	66.6	70.5	71.6	73.0	74.9	69.5	61.0	55.3	50.0	40.5	34.7	31.4	29.2	35.3	49.0	49.8	62.2	53.9	56.2	57.0	64.9	69.1	76.7	56.7	76.7	29.2
11	78.7	79.1	82.1	80.7	81.1	77.4	71.1	68.5	60.3	52.0	44.3	39.5	35.9	54.0	64.3	66.2	51.5	69.2	71.0	72.8	77.5	74.7	74.8	87.7	67.3	87.7	35.9
12	91.5	92.5	90.7	92.4	93.7	89.6	82.6	73.3	61.3	52.5	49.3	44.9	38.8	39.4	34.6	34.7	44.9	48.2	71.1	82.5	86.9	91.6	90.1	89.4	69.4	93.7	34.6
13	86.4	87.1	86.8	84.2	84.3	83.7	76.7	67.6	63.6	56.7	53.3	48.6	52.3	66.8	50.7	47.1	68.5	54.7	55.8	61.0	63.8	64.9	71.5	77.0	67.2	87.1	47.1
14	77.1	77.4	76.0	77.1	78.2	78.6	69.6	62.8	54.4	50.5	45.6	39.8	35.3	32.0	28.3	30.6	35.4	39.7	38.4	49.0	46.9	55.3	58.4	65.4	54.2	78.6	28.3
15	66.8	65.3	67.4	70.3	75.5	73.4	71.2	58.2	46.8	34.6	32.5	30.2	27.9	25.9	24.6	20.9	20.5	20.5	20.0	24.2	33.9	38.6	45.1	49.3	43.5	75.5	20.0
16	52.0	51.8	45.0	40.5	44.6	50.4	43.7	32.6	29.0	27.7	24.3	22.2	19.6	19.2	18.6	17.8	17.6	19.8	23.3	29.7	35.9	39.2	41.9	42.0	32.9	52.0	17.6
17	38.7	40.5	44.2	46.9	49.5	52.7	46.2	40.9	36.1	32.9	30.0	28.3	26.2	24.4	20.7	22.0	22.4	20.5	20.1	23.2	29.0	33.6	34.7	34.8	33.3	52.7	20.1
18	37.5	36.7	40.2	41.0	38.0	37.0	30.8	28.7	26.5	25.4	24.3	22.7	20.1	18.8	16.2	16.1	16.2	15.5	16.9	21.8	26.9	30.9	33.5	38.4	27.5	41.0	15.5
19	40.8	46.9	50.2	52.9	55.1	58.2	50.6	39.3	34.5	30.6	27.9	23.4	19.7	18.1	19.0	18.2	17.8	17.7	17.4	19.5	24.1	25.7	29.3	29.8	31.9	58.2	17.4
20	30.7	31.2	33.7	34.6	36.8	36.5	34.4	27.6	22.7	20.1	17.6	16.4	15.0	12.7	12.1	11.2	9.1	7.9	8.2	10.7	13.6	19.1	21.5	26.1	21.2	36.8	7.9
21	28.3	23.9	25.4	27.4	29.0	31.3	27.9	21.7	20.5	18.5	16.7	15.7	15.5	15.7	14.8	14.1	14.8	17.6	20.3	35.4	47.2	55.4	54.9	59.0	27.1	59.0	14.1
22	61.4	52.6	50.4	52.8	59.0	59.5	57.5	48.0	41.8	37.7	29.7	26.6	26.0	22.1	24.6	30.3	54.7	59.2	60.8	83.2	78.5	83.7	86.4	87.2	53.1	87.2	22.1
23	83.0	85.7	91.2	89.4	92.6	94.2	88.5	70.4	65.1	60.1	51.1	40.3	33.7	39.8	34.8	37.8	31.2	20.2	20.2	20.6	27.4	29.6	40.8	40.8	53.7	94.2	20.2
24	40.2	53.7	54.1	55.3	56.8	58.9	52.0	43.6	36.6	29.6	23.6	17.3	15.3	14.2	12.7	13.5	14.0	14.1	12.9	14.3	17.1	17.3	18.0	24.4	29.6	58.9	12.7
25	32.2	36.5	40.1	40.6	36.8	40.0	37.8	32.7	28.9	22.4	22.0	22.2	20.4	17.3	17.4	16.8	15.0	14.1	14.6	15.9	22.2	30.8	40.4	47.5	27.7	47.5	14.1
26	48.4	54.3	59.6	62.0	60.8	62.9	58.7	52.1	46.6	40.2	34.3	30.7	30.3	29.5	29.4	35.4	53.0	46.7	35.8	41.7	49.0	45.9	41.1	43.8	45.5	62.9	29.4
27	45.0	47.3	51.6	52.7	56.6	56.0	49.0	44.6	39.6	35.8	33.4	30.6	27.3	25.1	22.4	21.3	21.8	21.8	20.9	24.8	34.5	40.2	42.9	46.5	37.2	56.6	20.9
28	49.3	51.4	54.1	55.9	57.5	59.8	49.7	39.8	34.6	31.1	28.3	24.8	22.3	20.1	17.5	15.3	14.5	14.4	14.4	16.8	20.7	23.8	25.0	24.8	31.9	59.8	14.4
29	26.2	26.2	27.6	29.1	30.4	31.2	28.7	23.2	18.3	17.9	18.3	17.1	15.7	14.4	12.3	11.8	12.3	12.7	11.4	13.8	18.9	21.1	23.1	23.3	20.2	31.2	11.4
30	23.3	25.2	24.7	24.1	26.9	27.9	25.5	20.1	17.0	13.3	12.5	12.5	11.7	10.3	9.0	8.2	8.0	7.8	8.4	9.9	11.4	13.1	15.0	14.5	15.8	27.9	7.8
31	14.2	16.0	17.0	17.1	17.2	18.8	17.1	15.0	10.8	8.6	8.3	7.3	6.6	4.9	4.4	5.2	4.7	5.4	6.8	9.5	11.0	11.9	13.7	13.8	11.1	18.8	4.4
Avg	45.8	47.5	49.1	50.1	51.7	52.6	47.9	41.3	36.2	32.3	28.9	25.8	24.3	24.1	23.1	23.6	25.5	25.6	26.4	31.7	35.2	38.2	41.0	43.9	36.3	56.9	19.3
Max	91.5	92.5	91.2	92.4	93.7	94.2	88.5	73.3	65.1	60.1	53.3	49.5	52.3	66.8	64.3	66.2	68.5	69.2	71.1	83.2	86.9	91.6	90.1	89.4	69.4	94.2	47.1
Min	14.2	16.0	17.0	17.1	17.2	18.8	17.1	13.5	10.8	8.6	8.0	7.3	6.6	4.9	4.4	5.2	4.7	5.4	6.8	9.5	11.0	11.9	13.7	13.8	11.1	18.8	4.4

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Relative Humidity (% RH)
August 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	15.0	18.1	16.9	19.0	18.0	20.6	18.4	15.0	13.1	10.5	9.7	8.7	9.1	8.4	7.7	7.2	8.0	7.7	6.7	9.1	12.2	15.1	16.7	18.1	12.9	20.6	6.7
2	18.6	20.1	20.1	17.9	15.8	15.3	14.1	10.2	4.7	2.7	3.0	3.0	3.7	3.7	4.4	5.1	5.1	5.7	5.8	7.9	10.3	11.4	12.2	15.4	9.8	20.1	2.7
3	28.6	29.0	30.6	31.1	29.4	27.0	26.6	28.8	25.8	24.4	25.0	27.9	25.3	22.1	20.0	18.5	18.6	18.7	20.9	27.9	28.6	31.1	32.0	47.2	26.9	47.2	18.5
4	61.9	54.8	67.4	64.4	69.5	70.1	69.3	61.1	54.5	48.6	37.7	29.5	26.3	22.5	18.4	14.7	21.5	15.9	23.2	28.0	29.8	31.2	34.1	32.8	41.1	70.1	14.7
5	50.9	54.5	51.5	43.2	41.4	43.8	43.9	45.5	44.3	38.2	40.0	35.3	27.9	22.0	21.7	20.4	17.4	16.7	15.0	15.6	30.1	38.3	30.0	26.5	33.9	54.5	15.0
6	28.1	27.3	28.6	32.3	34.1	35.3	32.8	25.9	22.2	20.2	18.0	16.7	15.6	14.0	12.8	13.0	12.9	14.0	14.0	15.2	17.8	20.2	25.9	31.0	22.0	35.3	12.8
7	32.6	34.3	36.7	38.1	37.5	39.4	37.3	30.7	24.7	21.4	20.3	18.2	16.1	13.4	13.0	12.6	12.7	14.1	15.9	24.7	33.6	38.4	40.4	42.5	27.0	42.5	12.6
8	40.6	40.0	38.9	40.1	46.3	48.7	50.8	44.2	38.2	33.3	28.6	24.8	21.6	22.0	24.3	24.4	26.5	26.6	27.6	29.8	30.0	30.0	31.4	30.3	33.3	50.8	21.6
9	30.3	31.3	33.6	35.9	38.6	39.5	43.0	43.4	33.3	26.3	26.0	21.4	21.6	21.2	20.7	20.9	20.4	21.2	21.3	21.6	24.6	25.4	27.4	26.0	28.1	43.4	20.4
10	25.3	24.2	23.9	28.6	32.1	34.6	36.1	34.5	32.6	31.4	24.9	23.5	20.9	20.4	19.8	19.6	19.5	20.1	19.9	24.2	28.3	31.9	35.9	39.7	27.2	39.7	19.5
11	41.0	44.1	45.0	47.1	51.2	53.0	47.4	36.1	32.1	30.1	23.3	16.9	11.3	8.5	7.5	8.8	10.6	12.3	14.1	17.5	18.6	19.1	19.6	21.6	26.5	53.0	7.5
12	24.5	27.7	30.6	33.8	36.6	38.3	38.0	32.0	25.5	22.9	20.9	17.7	13.1	11.7	9.2	5.2	4.5	3.9	3.9	6.2	11.1	15.0	17.6	18.7	19.5	38.3	3.9
13	20.1	21.0	22.2	23.3	22.2	22.8	22.8	19.3	15.7	14.3	11.4	10.9	8.7	6.0	5.8	5.4	3.6	1.0	1.3	2.3	3.4	4.6	6.2	7.5	11.7	23.3	1.0
14	7.3	11.4	13.0	13.4	15.1	15.5	16.1	15.3	16.1	13.9	11.5	10.8	10.0	9.2	8.2	8.8	5.7	5.8	7.2	8.2	11.6	26.9	36.0	40.9	14.1	40.9	5.7
15	44.5	48.5	57.9	62.6	66.4	68.6	63.8	50.9	44.0	38.6	34.7	28.0	23.6	19.1	16.2	13.8	15.2	22.9	23.7	27.1	29.8	33.0	35.9	37.5	37.8	68.6	13.8
16	38.2	39.1	42.6	46.3	48.6	53.0	51.8	41.9	32.3	26.9	25.5	23.0	21.6	19.7	17.8	15.6	16.2	16.3	18.6	23.3	26.7	27.9	24.8	28.1	30.2	53.0	15.6
17	28.5	31.0	33.8	34.7	35.5	35.5	36.3	30.4	25.3	19.5	18.3	17.2	13.2	10.5	11.0	10.9	11.3	11.0	10.6	13.8	17.9	20.3	22.2	26.7	21.9	36.3	10.5
18	30.9	32.5	33.5	34.7	34.4	34.5	33.6	28.6	23.8	23.0	21.5	19.5	15.2	13.1	13.4	13.2	13.5	13.9	15.3	19.4	23.0	25.7	29.0	29.7	24.0	34.7	13.1
19	32.1	33.9	34.8	36.8	38.3	39.0	38.4	32.8	28.4	23.8	21.2	19.8	18.7	18.1	16.6	16.4	18.2	19.4	22.2	24.3	27.2	28.3	29.1	32.3	27.1	39.0	16.4
20	33.5	35.1	36.1	36.7	36.9	39.3	40.9	33.9	28.6	Au	Au	Au	13.6	10.9	7.5	6.4	4.9	4.6	5.9	7.9	15.7	21.1	19.6	23.4	22.0	40.9	4.6
21	27.7	31.0	31.8	34.3	37.2	31.1	21.8	19.1	11.1	13.0	14.2	17.0	17.3	15.0	14.1	14.6	15.7	15.6	13.7	11.4	15.6	24.5	21.8	26.1	20.6	37.2	11.1
22	32.1	35.3	35.2	39.3	46.4	48.9	48.2	37.6	32.2	29.0	26.0	21.9	17.9	16.1	13.6	12.0	11.2	11.4	13.2	18.9	21.5	23.7	22.8	20.3	26.4	48.9	11.2
23	19.4	19.2	20.4	24.4	26.4	29.2	29.4	25.0	21.7	20.4	17.9	16.0	14.7	13.7	12.2	11.0	11.5	12.0	15.6	21.0	23.7	24.8	25.1	25.3	20.0	29.4	11.0
24	25.7	27.0	28.5	29.2	27.6	28.8	25.2	24.0	21.2	19.8	17.0	13.7	11.4	12.0	13.2	14.7	14.4	13.8	15.0	19.1	20.8	22.8	22.1	21.4	20.3	29.2	11.4
25	20.5	24.2	28.7	29.4	29.9	29.4	26.0	23.9	22.4	21.5	18.7	15.4	13.1	13.0	13.0	14.5	12.9	14.2	16.5	19.8	20.5	20.4	21.4	21.7	20.5	29.9	12.9
26	22.4	24.2	26.5	26.9	28.2	29.7	25.3	20.9	17.4	14.3	11.3	9.7	8.0	7.7	7.0	6.8	9.3	12.0	13.1	14.7	15.4	14.5	17.2	16.5	16.6	29.7	6.8
27	15.8	13.8	14.9	16.3	18.4	21.6	25.9	25.2	21.0	18.7	18.0	17.5	15.6	11.8	10.2	11.1	11.3	10.9	13.3	20.2	23.0	22.4	24.8	25.0	17.8	25.9	10.2
28	26.7	25.8	25.1	27.5	31.2	33.9	29.7	26.3	22.6	21.3	17.7	16.7	16.4	16.6	17.2	17.9	18.4	20.6	23.0	25.7	26.6	24.7	27.7	26.5	23.6	33.9	16.4
29	26.0	26.9	28.0	26.4	23.3	25.9	26.4	26.0	23.0	19.4	19.1	18.8	22.7	21.8	20.1	19.7	21.5	23.7	30.1	31.0	25.9	18.0	19.5	23.9	23.6	31.0	18.0
30	33.8	48.3	51.9	49.9	48.8	46.0	45.2	39.0	37.8	36.8	34.0	30.3	30.7	25.8	22.6	22.0	21.9	21.4	23.2	40.0	48.2	55.4	58.8	61.5	38.9	61.5	21.4
31	65.2	65.8	68.8	70.5	72.1	73.1	74.0	59.0	50.1	43.4	38.6	35.1	31.6	27.9	27.0	30.1	31.3	32.1	33.4	37.6	42.1	45.5	46.8	47.4	47.9	74.0	27.0
Avg	30.6	32.2	34.1	35.3	36.7	37.8	36.7	31.8	27.3	24.3	21.8	19.5	17.3	15.4	14.4	14.0	14.4	14.8	16.2	19.8	23.0	25.5	26.9	28.8	25.0	41.4	12.7
Max	65.2	65.8	68.8	70.5	72.1	73.1	74.0	61.1	54.5	48.6	40.0	35.3	31.6	27.9	27.0	30.1	31.3	32.1	33.4	40.0	48.2	55.4	58.8	61.5	47.9	74.0	27.0
Min	7.3	11.4	13.0	13.4	15.1	15.3	14.1	10.2	4.7	2.7	3.0	3.0	3.7	3.7	4.4	5.1	3.6	1.0	1.3	2.3	3.4	4.6	6.2	7.5	9.8	20.1	1.0

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Relative Humidity (% RH)
September 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	51.2	50.3	50.5	53.7	55.7	57.5	55.4	45.9	38.3	31.2	28.6	25.5	24.1	22.3	21.1	17.1	15.5	22.9	25.9	30.1	30.0	33.0	32.8	32.2	35.4	57.5	15.5
2	26.7	28.0	21.0	24.7	27.4	28.6	30.6	30.0	28.1	26.9	26.7	21.0	19.8	18.6	17.1	16.9	15.7	18.7	21.2	29.0	36.0	40.2	43.1	48.9	26.9	48.9	15.7
3	51.1	53.2	55.9	60.7	63.0	64.7	70.9	77.7	89.1	88.4	88.2	78.1	69.6	61.2	43.7	35.1	35.6	35.7	41.4	51.4	55.2	56.5	58.2	52.2	59.9	89.1	35.1
4	53.2	53.8	56.8	59.8	57.0	56.9	58.6	51.1	42.2	44.0	41.8	38.4	34.0	26.2	26.8	29.1	53.9	66.1	70.7	77.8	88.0	78.1	76.7	80.4	55.1	88.0	26.2
5	84.2	84.4	78.4	81.3	81.9	81.1	81.5	83.1	80.3	68.6	54.4	49.0	44.8	39.1	36.5	35.0	35.9	40.0	48.6	53.6	56.0	61.8	69.0	71.4	62.5	84.4	35.0
6	76.1	77.5	79.9	83.3	86.1	86.8	88.4	75.9	54.5	40.3	34.9	30.4	25.6	21.9	25.6	25.9	25.7	26.0	28.5	32.3	35.5	37.0	41.1	44.9	49.3	88.4	21.9
7	50.5	54.2	56.8	57.3	58.6	63.8	64.5	52.2	41.1	40.3	36.1	32.8	30.7	28.2	27.0	28.6	27.4	27.2	32.1	37.7	40.9	43.1	46.5	51.0	42.9	64.5	27.0
8	55.3	55.8	57.7	58.8	59.7	61.3	61.8	52.0	41.6	35.4	30.0	26.5	23.9	23.9	23.3	22.6	23.2	23.7	26.7	30.9	32.1	37.0	36.7	36.2	39.0	61.8	22.6
9	35.9	37.2	39.6	40.9	40.5	42.3	43.2	37.2	31.4	26.4	21.5	19.0	18.6	17.5	16.4	14.6	14.9	14.7	18.1	23.1	26.2	28.1	30.1	30.3	27.8	43.2	14.6
10	33.8	34.9	37.5	37.5	39.1	40.4	41.0	35.5	27.1	18.9	15.7	14.9	13.9	12.7	12.6	12.0	12.4	13.2	16.2	18.7	21.7	21.9	22.7	24.2	24.1	41.0	12.0
11	23.9	23.9	25.9	27.7	28.6	29.3	31.7	28.1	22.9	19.7	16.3	13.8	13.4	14.0	13.3	11.7	11.1	11.7	14.1	17.4	16.4	17.4	19.6	20.1	19.7	31.7	11.1
12	21.5	24.6	27.5	27.3	27.4	27.9	28.3	23.4	21.3	16.8	13.7	11.6	9.4	8.0	7.5	8.6	10.4	11.8	14.1	15.9	17.8	19.0	19.3	22.7	18.2	28.3	7.5
13	23.5	25.4	28.0	29.3	28.9	31.0	31.1	30.3	23.9	19.9	13.7	11.1	8.0	8.7	9.2	7.5	8.2	9.1	10.6	18.9	28.1	33.5	33.6	31.8	21.0	33.6	7.5
14	30.9	27.3	26.3	31.1	34.6	36.1	32.9	33.4	30.8	27.3	22.1	22.1	22.8	19.0	15.4	15.4	15.7	18.0	49.6	73.6	83.2	86.3	92.8	96.2	39.3	96.2	15.4
15	98.8	98.6	99.5	100.0	96.8	91.2	82.1	79.1	79.0	70.5	66.7	52.2	44.0	54.0	56.0	56.3	57.7	62.2	71.3	82.2	81.6	84.6	83.7	90.7	76.6	100.0	44.0
16	93.4	98.9	94.7	85.0	84.1	76.6	80.3	82.4	67.2	55.7	45.7	42.2	43.1	43.7	39.1	45.1	66.3	75.1	79.3	83.1	80.0	79.9	81.9	83.3	71.1	98.9	39.1
17	80.5	77.7	79.4	81.2	83.7	87.1	88.1	91.9	88.1	78.8	71.4	55.6	62.2	61.4	50.9	48.6	50.4	49.8	52.5	58.0	62.5	71.9	77.1	78.9	70.3	91.9	48.6
18	81.9	81.6	86.2	88.3	88.9	87.4	86.0	84.6	70.5	63.4	55.1	48.0	41.3	38.3	37.5	39.0	41.3	44.2	48.2	56.6	63.3	59.8	63.6	65.9	63.4	88.9	37.5
19	70.0	70.1	73.0	74.6	76.3	80.2	79.8	74.5	56.2	49.3	41.6	38.9	35.3	32.5	29.0	27.5	28.1	28.5	33.5	41.3	47.3	48.5	47.3	51.8	51.5	80.2	27.5
20	50.5	52.2	54.0	57.1	58.5	58.2	59.4	54.4	42.7	38.9	31.6	27.3	23.6	21.3	20.3	22.0	22.8	22.2	28.0	35.1	33.5	30.0	39.9	42.7	38.6	59.4	20.3
21	47.4	48.9	48.0	51.8	50.0	51.1	55.0	48.1	37.2	33.5	31.3	28.6	26.2	25.1	23.4	23.8	25.8	27.5	31.8	33.9	36.7	41.6	45.3	49.4	38.4	55.0	23.4
22	49.8	50.4	53.6	57.6	60.7	60.5	63.1	51.7	41.1	36.0	30.8	25.3	21.5	19.9	21.5	22.7	22.2	23.4	29.0	30.2	34.4	38.1	41.2	44.2	38.7	63.1	19.9
23	45.6	48.0	50.9	50.8	52.2	50.8	47.0	41.0	30.7	26.4	20.1	15.6	15.5	15.0	14.8	13.1	11.9	13.1	24.1	27.0	29.9	32.2	33.7	32.3	30.9	52.2	11.9
24	33.7	35.8	37.0	37.8	40.6	42.6	44.4	37.3	32.1	27.6	26.3	24.3	22.1	20.7	18.1	19.3	19.8	20.7	26.7	31.7	34.9	36.6	37.9	38.4	31.1	44.4	18.1
25	40.1	39.8	43.6	38.3	41.7	46.6	50.7	42.9	33.5	21.6	17.0	14.6	17.3	16.5	17.5	15.0	17.9	14.9	17.6	22.3	24.1	24.0	20.2	21.6	27.5	50.7	14.6
26	22.7	21.9	21.1	22.8	23.6	23.2	27.8	27.2	22.4	20.0	18.6	18.1	18.2	18.5	17.5	17.2	16.4	18.2	23.6	32.0	42.3	50.0	53.2	55.0	26.3	55.0	16.4
27	58.7	57.7	51.3	53.7	53.1	54.1	58.5	55.7	42.9	37.7	35.3	31.9	29.2	27.2	25.6	25.6	25.8	27.3	32.3	36.8	38.0	38.1	38.4	40.2	40.6	58.7	25.6
28	41.5	41.1	41.0	42.3	40.9	43.8	49.5	42.1	33.3	26.7	25.7	24.3	22.4	20.9	20.1	19.2	18.4	19.1	25.8	29.3	32.1	34.8	36.5	37.3	32.0	49.5	18.4
29	38.2	38.3	39.4	40.6	40.2	41.7	43.0	40.5	32.4	26.9	22.3	20.4	19.3	18.8	18.0	17.5	18.4	20.8	26.1	31.4	30.6	32.1	35.4	35.0	30.3	43.0	17.5
30	39.4	42.7	43.6	45.7	47.9	44.2	48.6	40.2	29.7	24.7	22.6	19.6	18.8	17.6	19.8	21.9	22.5	20.4	26.8	25.9	26.4	26.6	26.0	27.0	30.4	48.6	17.6
Avg	50.3	51.1	51.9	53.4	54.3	54.9	56.1	51.6	43.7	38.1	33.5	29.4	27.3	25.8	24.2	23.8	25.7	27.5	33.1	38.9	42.2	44.1	46.1	47.9	40.6	63.2	22.3
Max	98.8	98.9	99.5	100.0	96.8	91.2	88.4	91.9	89.1	88.4	88.2	78.1	69.6	61.4	56.0	56.3	66.3	75.1	79.3	83.1	88.0	86.3	92.8	96.2	76.6	100.0	48.6
Min	21.5	21.9	21.0	22.8	23.6	23.2	27.8	23.4	21.3	16.8	13.7	11.1	8.0	8.0	7.5	7.5	8.2	9.1	10.6	15.9	16.4	17.4	19.3	20.1	18.2	28.3	7.5

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Barometric Pressure (InHg)
July 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	26.52	26.53	26.53	26.54	26.54	26.54	26.55	26.55	26.55	26.55	26.54	26.53	26.52	26.50	26.48	26.45	26.44	26.43	26.43	26.44	26.45	26.47	26.49	26.50	26.50	26.55	26.43
2	26.50	26.51	26.52	26.52	26.53	26.53	26.54	26.54	26.55	26.54	26.53	26.52	26.50	26.48	26.46	26.43	26.42	26.41	26.41	26.41	26.43	26.45	26.46	26.46	26.49	26.55	26.41
3	26.46	26.47	26.46	26.46	26.47	26.47	26.47	26.48	26.48	26.47	26.47	26.46	26.44	26.41	26.39	26.36	26.34	26.33	26.33	26.33	26.35	26.37	26.38	26.38	26.42	26.48	26.33
4	26.38	26.38	26.38	26.39	26.39	26.40	26.40	26.41	26.41	26.40	26.39	26.38	26.37	26.36	26.34	26.32	26.30	26.29	26.28	26.29	26.31	26.32	26.34	26.34	26.36	26.41	26.28
5	26.35	26.35	26.36	26.36	26.37	26.39	26.39	26.40	26.40	26.41	26.42	26.43	26.45	26.45	26.44	26.43	26.44	26.43	26.43	26.43	26.45	26.47	26.48	26.49	26.42	26.49	26.35
6	26.49	26.50	26.51	26.52	26.53	26.54	26.56	26.57	26.57	26.57	26.57	26.56	26.55	26.53	26.52	26.51	26.50	26.48	26.46	26.45	26.46	26.48	26.48	26.49	26.52	26.57	26.45
7	26.49	26.50	26.50	26.50	26.50	26.50	26.51	26.52	26.52	26.52	26.51	26.50	26.48	26.45	26.42	26.41	26.39	26.38	26.37	26.38	26.38	26.39	26.40	26.40	26.45	26.52	26.37
8	26.39	26.40	26.41	26.41	26.41	26.40	26.41	26.42	26.41	26.40	26.39	26.39	26.39	26.39	26.39	26.36	26.34	26.33	26.37	26.41	26.39	26.37	26.37	26.38	26.39	26.42	26.33
9	26.38	26.38	26.37	26.37	26.37	26.37	26.38	26.39	26.39	26.38	26.38	26.38	26.37	26.34	26.32	26.30	26.28	26.28	26.28	26.28	26.28	26.31	26.33	26.34	26.34	26.39	26.28
10	26.32	26.33	26.36	26.36	26.35	26.35	26.36	26.37	26.38	26.38	26.38	26.38	26.36	26.35	26.34	26.33	26.35	26.38	26.36	26.35	26.36	26.40	26.41	26.42	26.36	26.42	26.32
11	26.42	26.41	26.41	26.40	26.40	26.41	26.42	26.43	26.44	26.44	26.43	26.42	26.41	26.41	26.42	26.43	26.43	26.42	26.43	26.45	26.46	26.49	26.51	26.51	26.43	26.51	26.40
12	26.50	26.50	26.51	26.52	26.53	26.54	26.55	26.56	26.56	26.56	26.55	26.55	26.53	26.51	26.48	26.47	26.48	26.49	26.52	26.54	26.56	26.58	26.58	26.58	26.53	26.58	26.47
13	26.58	26.58	26.57	26.56	26.56	26.57	26.58	26.59	26.59	26.58	26.57	26.56	26.55	26.55	26.52	26.50	26.51	26.49	26.49	26.51	26.52	26.52	26.52	26.52	26.55	26.59	26.49
14	26.52	26.52	26.52	26.51	26.51	26.51	26.52	26.52	26.52	26.51	26.50	26.48	26.46	26.44	26.42	26.40	26.41	26.41	26.41	26.42	26.44	26.46	26.47	26.46	26.47	26.52	26.40
15	26.46	26.46	26.47	26.47	26.48	26.49	26.50	26.51	26.51	26.51	26.50	26.49	26.49	26.47	26.45	26.44	26.42	26.42	26.41	26.42	26.43	26.46	26.48	26.49	26.47	26.51	26.41
16	26.49	26.50	26.50	26.51	26.51	26.52	26.53	26.53	26.54	26.53	26.52	26.51	26.50	26.48	26.46	26.45	26.43	26.42	26.42	26.44	26.46	26.48	26.50	26.51	26.49	26.54	26.42
17	26.52	26.52	26.52	26.52	26.53	26.53	26.53	26.54	26.54	26.54	26.53	26.51	26.49	26.47	26.45	26.45	26.45	26.43	26.42	26.42	26.43	26.45	26.46	26.46	26.49	26.54	26.42
18	26.47	26.48	26.48	26.48	26.49	26.50	26.51	26.52	26.52	26.52	26.53	26.53	26.52	26.51	26.50	26.49	26.48	26.48	26.48	26.48	26.50	26.52	26.54	26.55	26.50	26.55	26.47
19	26.56	26.57	26.57	26.59	26.59	26.61	26.62	26.62	26.62	26.62	26.62	26.61	26.59	26.58	26.57	26.56	26.55	26.53	26.52	26.52	26.53	26.54	26.55	26.55	26.57	26.62	26.52
20	26.55	26.55	26.55	26.56	26.56	26.56	26.57	26.58	26.57	26.56	26.55	26.54	26.52	26.50	26.48	26.46	26.44	26.42	26.41	26.40	26.41	26.42	26.43	26.44	26.50	26.58	26.40
21	26.44	26.44	26.44	26.45	26.46	26.47	26.47	26.47	26.46	26.45	26.44	26.42	26.40	26.38	26.35	26.32	26.30	26.28	26.28	26.33	26.35	26.36	26.34	26.35	26.39	26.47	26.28
22	26.38	26.37	26.35	26.35	26.35	26.35	26.37	26.38	26.38	26.38	26.37	26.36	26.34	26.32	26.30	26.29	26.32	26.33	26.35	26.37	26.36	26.37	26.39	26.39	26.36	26.39	26.29
23	26.39	26.39	26.39	26.40	26.41	26.43	26.44	26.45	26.46	26.46	26.46	26.46	26.44	26.44	26.42	26.41	26.40	26.39	26.39	26.40	26.42	26.43	26.44	26.44	26.42	26.46	26.39
24	26.47	26.49	26.50	26.51	26.52	26.54	26.55	26.56	26.57	26.57	26.56	26.55	26.54	26.53	26.52	26.50	26.49	26.48	26.47	26.47	26.48	26.49	26.49	26.51	26.52	26.57	26.47
25	26.51	26.52	26.52	26.53	26.53	26.53	26.55	26.55	26.56	26.55	26.54	26.53	26.51	26.49	26.47	26.44	26.42	26.41	26.39	26.39	26.40	26.42	26.44	26.45	26.49	26.56	26.39
26	26.45	26.46	26.46	26.47	26.48	26.48	26.50	26.50	26.50	26.49	26.48	26.47	26.45	26.43	26.42	26.41	26.40	26.37	26.37	26.39	26.42	26.45	26.46	26.47	26.45	26.50	26.37
27	26.47	26.49	26.47	26.47	26.49	26.51	26.52	26.53	26.54	26.56	26.56	26.56	26.56	26.55	26.55	26.56	26.56	26.57	26.58	26.60	26.63	26.66	26.67	26.68	26.56	26.68	26.47
28	26.69	26.69	26.70	26.70	26.70	26.71	26.72	26.73	26.74	26.74	26.74	26.73	26.72	26.71	26.70	26.69	26.67	26.67	26.66	26.67	26.67	26.69	26.69	26.69	26.70	26.74	26.66
29	26.70	26.69	26.69	26.69	26.70	26.71	26.72	26.73	26.73	26.73	26.73	26.72	26.71	26.69	26.68	26.67	26.65	26.64	26.64	26.64	26.64	26.66	26.66	26.66	26.69	26.73	26.64
30	26.67	26.67	26.67	26.68	26.68	26.69	26.71	26.71	26.72	26.72	26.71	26.71	26.70	26.69	26.67	26.65	26.64	26.62	26.61	26.61	26.62	26.63	26.63	26.63	26.67	26.72	26.61
31	26.63	26.64	26.64	26.65	26.65	26.66	26.66	26.67	26.67	26.66	26.66	26.65	26.64	26.62	26.60	26.58	26.56	26.54	26.52	26.52	26.53	26.53	26.53	26.53	26.61	26.67	26.52
Avg	26.49	26.49	26.49	26.50	26.50	26.51	26.52	26.53	26.53	26.53	26.52	26.51	26.50	26.48	26.47	26.45	26.45	26.44	26.44	26.44	26.46	26.47	26.48	26.49	26.49	26.54	26.42
Max	26.70	26.69	26.70	26.70	26.70	26.71	26.72	26.73	26.74	26.74	26.74	26.73	26.72	26.71	26.70	26.69	26.67	26.67	26.66	26.67	26.67	26.69	26.69	26.69	26.70	26.74	26.66
Min	26.32	26.33	26.35	26.35	26.35	26.35	26.36	26.37	26.38	26.38	26.37	26.36	26.34	26.32	26.30	26.29	26.28	26.28	26.28	26.28	26.28	26.31	26.33	26.34	26.34	26.39	26.28

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Barometric Pressure (InHg)
August 2015

Day	<< Hour >>																								Avg	Max	Min
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	26.52	26.53	26.53	26.52	26.52	26.53	26.54	26.54	26.55	26.54	26.53	26.52	26.51	26.49	26.47	26.45	26.43	26.41	26.40	26.40	26.41	26.43	26.44	26.44	26.49	26.55	26.40
2	26.44	26.44	26.43	26.43	26.44	26.45	26.45	26.46	26.46	26.45	26.44	26.43	26.42	26.40	26.38	26.36	26.34	26.33	26.31	26.32	26.32	26.33	26.36	26.35	26.40	26.46	26.31
3	26.38	26.36	26.34	26.35	26.36	26.39	26.40	26.41	26.43	26.43	26.44	26.44	26.43	26.42	26.41	26.40	26.39	26.38	26.38	26.39	26.41	26.43	26.45	26.50	26.41	26.50	26.34
4	26.48	26.49	26.48	26.49	26.49	26.50	26.51	26.52	26.51	26.50	26.50	26.49	26.47	26.45	26.43	26.41	26.40	26.38	26.37	26.38	26.38	26.39	26.39	26.39	26.45	26.52	26.37
5	26.42	26.42	26.43	26.45	26.47	26.47	26.47	26.48	26.49	26.50	26.50	26.50	26.48	26.47	26.46	26.44	26.43	26.43	26.42	26.43	26.45	26.47	26.49	26.50	26.46	26.50	26.42
6	26.51	26.52	26.52	26.52	26.53	26.54	26.55	26.56	26.57	26.57	26.55	26.54	26.52	26.50	26.47	26.45	26.44	26.43	26.42	26.43	26.44	26.45	26.46	26.45	26.50	26.57	26.42
7	26.46	26.46	26.46	26.45	26.45	26.45	26.46	26.46	26.45	26.44	26.43	26.42	26.41	26.39	26.37	26.36	26.34	26.33	26.32	26.33	26.35	26.36	26.37	26.37	26.40	26.46	26.32
8	26.38	26.38	26.39	26.39	26.40	26.40	26.41	26.43	26.44	26.44	26.44	26.43	26.42	26.42	26.41	26.40	26.39	26.38	26.38	26.39	26.41	26.42	26.42	26.43	26.41	26.44	26.38
9	26.44	26.45	26.46	26.47	26.47	26.48	26.50	26.52	26.52	26.51	26.51	26.51	26.49	26.47	26.46	26.44	26.43	26.42	26.40	26.40	26.41	26.42	26.43	26.44	26.46	26.52	26.40
10	26.44	26.44	26.44	26.45	26.45	26.46	26.47	26.47	26.48	26.47	26.46	26.46	26.44	26.43	26.42	26.41	26.41	26.39	26.38	26.39	26.41	26.42	26.43	26.42	26.43	26.48	26.38
11	26.42	26.42	26.42	26.43	26.43	26.44	26.45	26.44	26.45	26.44	26.44	26.43	26.41	26.39	26.38	26.37	26.35	26.35	26.35	26.36	26.38	26.39	26.39	26.41	26.41	26.45	26.35
12	26.42	26.42	26.44	26.45	26.45	26.46	26.49	26.51	26.53	26.53	26.54	26.54	26.53	26.52	26.51	26.49	26.48	26.47	26.46	26.47	26.49	26.51	26.52	26.53	26.49	26.54	26.42
13	26.53	26.53	26.53	26.54	26.54	26.55	26.56	26.56	26.57	26.56	26.55	26.54	26.52	26.48	26.46	26.44	26.42	26.41	26.40	26.41	26.41	26.41	26.41	26.41	26.49	26.57	26.40
14	26.42	26.43	26.43	26.44	26.46	26.47	26.48	26.49	26.51	26.50	26.49	26.48	26.46	26.43	26.41	26.39	26.38	26.40	26.41	26.44	26.49	26.54	26.57	26.61	26.46	26.61	26.38
15	26.64	26.65	26.66	26.68	26.69	26.69	26.70	26.71	26.71	26.70	26.68	26.67	26.65	26.63	26.61	26.59	26.57	26.56	26.56	26.56	26.57	26.58	26.58	26.58	26.63	26.71	26.56
16	26.60	26.60	26.60	26.61	26.62	26.62	26.63	26.64	26.64	26.63	26.63	26.62	26.61	26.58	26.56	26.54	26.52	26.52	26.51	26.52	26.53	26.54	26.55	26.54	26.58	26.64	26.51
17	26.55	26.55	26.55	26.55	26.55	26.55	26.56	26.57	26.57	26.56	26.56	26.56	26.55	26.54	26.52	26.50	26.49	26.48	26.48	26.49	26.51	26.53	26.53	26.54	26.53	26.57	26.48
18	26.55	26.55	26.56	26.56	26.56	26.57	26.58	26.58	26.59	26.58	26.58	26.57	26.55	26.54	26.52	26.50	26.48	26.47	26.46	26.47	26.48	26.49	26.49	26.50	26.53	26.59	26.46
19	26.50	26.50	26.50	26.50	26.50	26.50	26.51	26.50	26.50	26.50	26.49	26.48	26.47	26.46	26.44	26.42	26.40	26.39	26.38	26.38	26.39	26.40	26.40	26.40	26.45	26.51	26.38
20	26.40	26.41	26.41	26.41	26.41	26.42	26.43	26.43	26.44	Au	Au	Au	26.39	26.37	26.36	26.33	26.32	26.30	26.29	26.29	26.30	26.31	26.31	26.32	26.36	26.44	26.29
21	26.32	26.33	26.33	26.34	26.34	26.35	26.35	26.36	26.37	26.37	26.37	26.37	26.36	26.34	26.33	26.31	26.30	26.31	26.32	26.35	26.39	26.43	26.45	26.47	26.36	26.47	26.30
22	26.49	26.52	26.52	26.54	26.56	26.58	26.60	26.62	26.63	26.62	26.62	26.62	26.60	26.59	26.57	26.55	26.54	26.53	26.52	26.53	26.54	26.55	26.55	26.55	26.56	26.63	26.49
23	26.55	26.55	26.56	26.56	26.56	26.56	26.57	26.59	26.59	26.59	26.58	26.57	26.55	26.54	26.52	26.50	26.48	26.47	26.46	26.46	26.47	26.48	26.48	26.48	26.53	26.59	26.46
24	26.49	26.49	26.49	26.49	26.50	26.51	26.53	26.54	26.55	26.55	26.55	26.55	26.52	26.51	26.49	26.48	26.46	26.45	26.44	26.45	26.46	26.47	26.47	26.47	26.50	26.55	26.44
25	26.48	26.48	26.49	26.51	26.52	26.53	26.54	26.55	26.56	26.55	26.55	26.53	26.51	26.50	26.48	26.47	26.46	26.45	26.45	26.46	26.47	26.48	26.48	26.48	26.50	26.56	26.45
26	26.48	26.48	26.50	26.50	26.51	26.52	26.53	26.54	26.54	26.54	26.53	26.53	26.51	26.50	26.49	26.47	26.46	26.46	26.45	26.46	26.47	26.49	26.50	26.51	26.50	26.54	26.45
27	26.52	26.53	26.53	26.55	26.56	26.59	26.60	26.62	26.62	26.62	26.62	26.62	26.61	26.60	26.58	26.56	26.53	26.52	26.51	26.51	26.52	26.54	26.54	26.53	26.56	26.62	26.51
28	26.53	26.53	26.52	26.53	26.53	26.53	26.54	26.54	26.54	26.54	26.54	26.52	26.51	26.50	26.49	26.47	26.45	26.44	26.42	26.41	26.41	26.40	26.38	26.37	26.48	26.54	26.37
29	26.35	26.35	26.35	26.35	26.34	26.33	26.33	26.35	26.35	26.36	26.36	26.35	26.36	26.35	26.35	26.34	26.33	26.33	26.33	26.32	26.33	26.34	26.35	26.37	26.34	26.37	26.32
30	26.40	26.42	26.42	26.43	26.44	26.44	26.46	26.48	26.49	26.49	26.50	26.50	26.50	26.48	26.47	26.46	26.46	26.46	26.47	26.49	26.51	26.53	26.54	26.55	26.47	26.55	26.40
31	26.56	26.57	26.57	26.57	26.57	26.57	26.58	26.59	26.58	26.58	26.57	26.55	26.53	26.50	26.47	26.45	26.44	26.43	26.41	26.41	26.42	26.43	26.42	26.42	26.51	26.59	26.41
Avg	26.47	26.48	26.48	26.49	26.49	26.50	26.51	26.52	26.52	26.52	26.52	26.51	26.49	26.48	26.46	26.44	26.43	26.42	26.41	26.42	26.44	26.45	26.46	26.46	26.47	26.54	26.41
Max	26.64	26.65	26.66	26.68	26.69	26.69	26.70	26.71	26.71	26.70	26.68	26.67	26.65	26.63	26.61	26.59	26.57	26.56	26.56	26.56	26.57	26.58	26.58	26.61	26.63	26.71	26.56
Min	26.32	26.33	26.33	26.34	26.34	26.33	26.33	26.35	26.35	26.36	26.36	26.35	26.36	26.34	26.33	26.31	26.30	26.30	26.29	26.29	26.30	26.31	26.31	26.32	26.34	26.37	26.29

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Barometric Pressure (InHg)
September 2015

Day	<< Hour >>																								Avg	Max	Min
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	26.43	26.43	26.43	26.43	26.43	26.43	26.43	26.44	26.44	26.44	26.43	26.41	26.39	26.37	26.34	26.32	26.30	26.28	26.27	26.28	26.28	26.29	26.28	26.28	26.37	26.44	26.27
2	26.29	26.30	26.31	26.33	26.35	26.36	26.38	26.40	26.40	26.39	26.38	26.37	26.35	26.33	26.32	26.30	26.28	26.28	26.28	26.29	26.31	26.32	26.33	26.34	26.33	26.40	26.28
3	26.35	26.37	26.38	26.40	26.41	26.42	26.44	26.46	26.47	26.46	26.47	26.47	26.45	26.43	26.41	26.40	26.38	26.37	26.37	26.37	26.39	26.40	26.39	26.39	26.41	26.47	26.35
4	26.40	26.39	26.39	26.38	26.37	26.37	26.37	26.38	26.38	26.37	26.36	26.34	26.32	26.28	26.26	26.25	26.29	26.31	26.35	26.35	26.36	26.38	26.38	26.38	26.35	26.40	26.25
5	26.39	26.38	26.39	26.42	26.44	26.45	26.47	26.49	26.51	26.53	26.55	26.56	26.56	26.57	26.57	26.58	26.58	26.59	26.60	26.61	26.62	26.62	26.62	26.62	26.53	26.62	26.38
6	26.63	26.63	26.63	26.64	26.64	26.64	26.64	26.65	26.66	26.66	26.65	26.63	26.61	26.59	26.57	26.56	26.55	26.54	26.54	26.54	26.56	26.57	26.58	26.59	26.60	26.66	26.54
7	26.60	26.61	26.62	26.62	26.62	26.62	26.64	26.66	26.66	26.66	26.66	26.64	26.63	26.61	26.59	26.58	26.57	26.56	26.57	26.58	26.61	26.63	26.64	26.66	26.62	26.66	26.56
8	26.66	26.66	26.66	26.65	26.66	26.66	26.67	26.68	26.68	26.68	26.68	26.66	26.64	26.62	26.60	26.58	26.57	26.56	26.55	26.56	26.57	26.58	26.58	26.57	26.62	26.68	26.55
9	26.58	26.58	26.58	26.58	26.58	26.58	26.59	26.60	26.59	26.59	26.59	26.57	26.56	26.54	26.52	26.51	26.49	26.48	26.48	26.48	26.50	26.52	26.53	26.54	26.55	26.60	26.48
10	26.55	26.55	26.56	26.57	26.57	26.58	26.59	26.60	26.60	26.61	26.61	26.61	26.60	26.58	26.57	26.55	26.54	26.53	26.53	26.54	26.56	26.57	26.58	26.59	26.57	26.61	26.53
11	26.60	26.60	26.60	26.61	26.62	26.62	26.64	26.65	26.65	26.65	26.65	26.63	26.62	26.60	26.59	26.56	26.55	26.54	26.54	26.55	26.57	26.58	26.58	26.58	26.60	26.65	26.54
12	26.58	26.58	26.58	26.57	26.57	26.58	26.58	26.59	26.59	26.59	26.58	26.56	26.54	26.52	26.49	26.46	26.44	26.42	26.42	26.41	26.42	26.41	26.41	26.42	26.51	26.59	26.41
13	26.42	26.42	26.42	26.42	26.42	26.41	26.42	26.43	26.44	26.42	26.41	26.40	26.38	26.36	26.34	26.30	26.28	26.26	26.25	26.26	26.29	26.30	26.29	26.29	26.36	26.44	26.25
14	26.30	26.29	26.29	26.28	26.28	26.28	26.28	26.28	26.27	26.27	26.26	26.26	26.24	26.23	26.22	26.22	26.20	26.18	26.21	26.19	26.21	26.24	26.25	26.26	26.25	26.30	26.18
15	26.26	26.27	26.28	26.28	26.28	26.29	26.31	26.32	26.33	26.34	26.34	26.33	26.32	26.32	26.32	26.30	26.29	26.29	26.29	26.29	26.31	26.32	26.33	26.33	26.31	26.34	26.26
16	26.32	26.32	26.33	26.33	26.34	26.35	26.37	26.38	26.40	26.41	26.43	26.43	26.43	26.43	26.42	26.41	26.42	26.43	26.44	26.45	26.46	26.46	26.46	26.47	26.40	26.47	26.32
17	26.47	26.47	26.47	26.47	26.47	26.48	26.48	26.50	26.50	26.50	26.50	26.50	26.52	26.51	26.51	26.51	26.52	26.53	26.55	26.57	26.60	26.62	26.63	26.63	26.52	26.63	26.47
18	26.64	26.65	26.65	26.65	26.65	26.65	26.66	26.67	26.68	26.67	26.67	26.66	26.65	26.64	26.61	26.59	26.58	26.57	26.57	26.59	26.59	26.59	26.59	26.58	26.63	26.68	26.57
19	26.58	26.58	26.58	26.58	26.58	26.58	26.58	26.60	26.60	26.61	26.61	26.60	26.59	26.57	26.55	26.53	26.53	26.52	26.52	26.52	26.54	26.54	26.54	26.55	26.57	26.61	26.52
20	26.55	26.55	26.55	26.56	26.55	26.56	26.56	26.57	26.57	26.57	26.56	26.55	26.53	26.50	26.47	26.46	26.45	26.43	26.43	26.43	26.44	26.44	26.44	26.45	26.51	26.57	26.43
21	26.45	26.46	26.46	26.47	26.47	26.48	26.49	26.50	26.50	26.50	26.49	26.48	26.45	26.43	26.42	26.40	26.38	26.37	26.37	26.37	26.37	26.38	26.38	26.38	26.44	26.50	26.37
22	26.37	26.37	26.37	26.36	26.37	26.38	26.39	26.40	26.41	26.41	26.42	26.41	26.39	26.38	26.37	26.36	26.34	26.34	26.35	26.36	26.37	26.38	26.40	26.40	26.38	26.42	26.34
23	26.40	26.41	26.42	26.43	26.44	26.45	26.47	26.49	26.51	26.52	26.53	26.53	26.52	26.51	26.50	26.49	26.49	26.49	26.50	26.51	26.52	26.54	26.55	26.56	26.49	26.56	26.40
24	26.56	26.57	26.57	26.57	26.57	26.58	26.58	26.60	26.60	26.61	26.61	26.60	26.59	26.57	26.55	26.54	26.53	26.52	26.52	26.53	26.54	26.54	26.54	26.53	26.56	26.61	26.52
25	26.53	26.53	26.52	26.51	26.51	26.51	26.52	26.52	26.52	26.52	26.52	26.50	26.49	26.47	26.45	26.43	26.42	26.41	26.41	26.41	26.42	26.42	26.42	26.42	26.47	26.53	26.41
26	26.42	26.43	26.44	26.44	26.44	26.44	26.46	26.48	26.48	26.50	26.50	26.49	26.48	26.46	26.43	26.42	26.40	26.40	26.40	26.42	26.45	26.46	26.48	26.48	26.45	26.50	26.40
27	26.49	26.49	26.49	26.49	26.49	26.50	26.51	26.51	26.51	26.51	26.51	26.50	26.49	26.47	26.45	26.43	26.43	26.43	26.44	26.46	26.47	26.47	26.48	26.49	26.48	26.51	26.43
28	26.49	26.50	26.50	26.50	26.50	26.51	26.52	26.53	26.54	26.54	26.54	26.53	26.52	26.50	26.48	26.46	26.45	26.45	26.45	26.46	26.47	26.47	26.47	26.47	26.49	26.54	26.45
29	26.47	26.48	26.48	26.48	26.48	26.49	26.49	26.50	26.51	26.52	26.52	26.51	26.49	26.47	26.45	26.43	26.42	26.41	26.41	26.42	26.43	26.43	26.43	26.43	26.46	26.52	26.41
30	26.43	26.43	26.43	26.44	26.44	26.45	26.46	26.47	26.48	26.48	26.48	26.48	26.47	26.45	26.44	26.44	26.44	26.45	26.45	26.47	26.48	26.48	26.48	26.48	26.46	26.48	26.43
Avg	26.47	26.48	26.48	26.48	26.48	26.49	26.50	26.51	26.52	26.52	26.52	26.51	26.49	26.48	26.46	26.45	26.44	26.43	26.44	26.44	26.46	26.46	26.47	26.47	26.48	26.53	26.41
Max	26.66	26.66	26.66	26.65	26.66	26.66	26.67	26.68	26.68	26.68	26.68	26.66	26.65	26.64	26.61	26.59	26.58	26.59	26.60	26.61	26.62	26.63	26.64	26.66	26.63	26.68	26.57
Min	26.26	26.27	26.28	26.28	26.28	26.28	26.28	26.28	26.27	26.27	26.26	26.26	26.24	26.23	26.22	26.22	26.20	26.18	26.21	26.19	26.21	26.24	26.25	26.26	26.25	26.30	26.18

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Solar Radiation (watts m^2)
July 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	21	143	316	494	661	795	896	949	948	902	787	618	301	226	101	20	0	0	0	341	949	0
2	0	0	0	0	0	20	142	302	487	655	789	884	938	947	897	761	502	485	314	133	8	0	0	0	344	947	0
3	0	0	0	0	0	19	142	320	484	656	792	901	948	947	893	798	653	501	286	116	15	0	0	0	353	948	0
4	0	0	0	0	0	19	150	317	470	691	723	536	615	427	652	664	644	466	227	106	5	0	0	0	280	723	0
5	0	0	0	0	0	10	46	99	270	507	327	398	397	347	537	426	311	145	138	54	6	0	0	0	167	537	0
6	0	0	0	0	0	21	149	407	423	390	570	734	588	525	480	458	193	236	268	109	9	0	0	0	232	734	0
7	0	0	0	0	0	14	58	59	81	63	344	747	810	933	894	809	246	245	424	80	7	0	0	0	242	933	0
8	0	0	0	0	0	15	86	196	400	353	493	495	395	528	471	347	486	508	111	37	10	0	0	0	205	528	0
9	0	0	0	0	0	6	51	250	237	359	415	816	962	913	720	785	605	238	109	43	5	0	0	0	271	962	0
10	0	0	0	0	0	13	142	321	412	608	627	617	834	654	324	518	89	93	138	72	6	0	0	0	228	834	0
11	0	0	0	0	0	9	73	103	315	383	737	755	822	162	37	110	219	189	119	54	3	0	0	0	170	822	0
12	0	0	0	0	0	15	142	342	509	673	690	717	810	830	879	517	631	257	106	28	1	0	0	0	298	879	0
13	0	0	0	0	0	15	129	308	339	377	664	753	141	709	878	383	333	452	126	15	10	0	0	0	235	878	0
14	0	0	0	0	0	15	139	296	442	646	801	867	928	928	929	525	41	287	185	106	3	0	0	0	297	929	0
15	0	0	0	0	0	9	97	295	473	640	777	881	987	633	773	816	574	441	330	117	4	0	0	0	327	987	0
16	0	0	0	0	0	10	130	307	487	651	772	888	943	945	900	809	657	495	279	110	11	0	0	0	350	945	0
17	0	0	0	0	0	12	116	222	439	627	765	747	772	796	720	306	171	526	305	122	6	0	0	0	277	796	0
18	0	0	0	0	0	12	126	293	472	645	783	886	945	952	753	735	553	503	312	117	6	0	0	0	337	952	0
19	0	0	0	0	0	11	121	293	473	641	779	885	936	938	892	794	654	493	309	115	5	0	0	0	347	938	0
20	0	0	0	0	0	10	117	288	468	637	774	877	860	922	974	887	688	504	313	90	4	0	0	0	351	974	0
21	0	0	0	0	0	8	138	289	467	650	613	821	841	795	848	739	360	176	78	8	1	0	0	0	285	848	0
22	0	0	0	0	0	9	74	284	358	499	790	850	646	804	347	190	46	146	49	7	2	0	0	0	213	850	0
23	0	0	0	0	0	6	93	277	455	623	761	918	1022	601	595	680	588	559	220	133	20	0	0	0	315	1022	0
24	0	0	0	0	0	8	108	217	446	618	727	891	926	941	887	796	643	489	298	99	4	0	0	0	337	941	0
25	0	0	0	0	0	7	104	281	460	636	763	868	860	876	867	612	573	354	168	74	4	0	0	0	313	876	0
26	0	0	0	0	0	7	100	267	447	570	751	831	538	531	148	257	92	349	99	60	1	0	0	0	210	831	0
27	0	0	0	0	0	3	104	280	464	620	755	641	879	893	838	736	665	457	307	99	3	0	0	0	323	893	0
28	0	0	0	0	0	6	109	286	469	640	780	888	940	943	898	801	658	492	302	94	3	0	0	0	346	943	0
29	0	0	0	0	0	5	105	281	464	637	777	885	940	943	899	802	658	490	303	92	3	0	0	0	345	943	0
30	0	0	0	0	0	5	102	279	463	638	780	888	941	945	900	803	657	490	299	88	3	0	0	0	345	945	0
31	0	0	0	0	0	5	78	249	439	612	753	863	915	920	873	774	655	474	264	59	2	0	0	0	331	920	0
Avg	0	0	0	0	0	11	110	269	423	568	699	794	807	780	729	627	467	382	226	82	6	0	0	0	291	878	0
Max	0	0	0	0	0	21	150	407	509	691	801	918	1022	952	974	887	688	559	424	133	20	0	0	0	353	1022	0
Min	0	0	0	0	0	3	46	59	81	63	327	398	141	162	37	110	41	93	49	7	1	0	0	0	167	528	0

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Solar Radiation (watts m^2)
August 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	4	85	253	350	612	750	858	909	908	860	770	621	458	268	77	2	0	0	0	324	909	0
2	0	0	0	0	0	3	94	281	455	609	757	843	850	906	797	510	642	449	256	57	1	0	0	0	313	906	0
3	0	0	0	0	0	1	23	107	189	228	273	324	549	588	620	573	528	468	209	65	1	0	0	0	198	620	0
4	0	0	0	0	0	2	68	228	405	574	706	832	896	937	784	701	612	436	266	63	4	0	0	0	313	937	0
5	0	0	0	0	0	1	25	139	198	346	367	266	754	457	607	753	580	380	264	65	2	0	0	0	217	754	0
6	0	0	0	0	0	3	77	243	426	589	736	845	909	910	865	759	630	459	277	72	4	0	0	0	325	910	0
7	0	0	0	0	0	2	44	231	418	621	606	488	742	937	679	587	556	447	137	43	2	0	0	0	273	937	0
8	0	0	0	0	0	2	40	241	369	586	730	838	928	413	529	658	328	346	198	31	1	0	0	0	260	928	0
9	0	0	0	0	0	2	54	216	374	553	701	796	854	661	313	234	318	100	71	51	0	0	0	0	221	854	0
10	0	0	0	0	0	1	41	137	155	381	646	561	457	528	837	735	584	251	98	17	0	0	0	0	226	837	0
11	0	0	0	0	0	1	66	233	418	593	744	854	907	906	860	734	237	163	77	19	0	0	0	0	284	907	0
12	0	0	0	0	0	1	56	227	417	587	733	837	896	895	846	756	612	434	242	39	1	0	0	0	316	896	0
13	0	0	0	0	0	1	50	198	283	568	730	831	900	892	825	733	610	438	251	36	0	0	0	0	306	900	0
14	0	0	0	0	0	1	50	129	159	550	594	779	880	872	864	540	587	421	215	32	0	0	0	0	278	880	0
15	0	0	0	0	0	1	48	179	346	519	630	741	832	868	826	733	593	343	163	26	0	0	0	0	285	868	0
16	0	0	0	0	0	1	41	183	371	553	699	809	844	826	759	681	546	371	183	29	0	0	0	0	287	844	0
17	0	0	0	0	0	1	44	188	388	573	722	824	886	889	818	705	548	358	162	21	0	0	0	0	297	889	0
18	0	0	0	0	0	0	39	171	351	520	671	784	838	846	788	678	519	332	145	19	0	0	0	0	279	846	0
19	0	0	0	0	0	1	41	179	346	518	668	765	827	806	776	634	438	254	84	13	0	0	0	0	265	827	0
20	0	0	0	0	0	1	36	169	338	Au	Au	Au	808	863	822	726	588	406	211	12	0	0	0	0	237	863	0
21	0	0	0	0	0	0	38	214	381	500	663	772	855	873	816	709	573	339	131	16	0	0	0	0	287	873	0
22	0	0	0	0	0	0	37	171	340	504	634	750	822	836	775	658	512	334	155	14	0	0	0	0	273	836	0
23	0	0	0	0	0	0	36	176	348	515	664	775	825	824	777	671	502	254	87	12	0	0	0	0	269	825	0
24	0	0	0	0	0	0	31	101	182	348	468	711	758	764	721	624	483	297	124	15	0	0	0	0	234	764	0
25	0	0	0	0	0	0	38	174	346	521	674	780	794	773	781	413	447	259	106	13	0	0	0	0	255	794	0
26	0	0	0	0	0	0	40	174	393	551	694	782	846	751	756	631	431	133	111	13	0	0	0	0	263	846	0
27	0	0	0	0	0	0	16	152	369	558	665	755	824	828	781	667	512	302	129	13	0	0	0	0	274	828	0
28	0	0	0	0	0	0	33	132	332	360	679	530	479	432	286	155	220	134	33	5	0	0	0	0	159	679	0
29	0	0	0	0	0	0	8	60	184	397	277	442	216	320	367	356	339	395	107	10	0	0	0	0	145	442	0
30	0	0	0	0	0	0	29	174	344	519	524	423	446	700	786	637	520	309	128	7	0	0	0	0	231	786	0
31	0	0	0	0	0	0	28	161	350	530	639	767	805	815	715	604	449	326	128	6	0	0	0	0	263	815	0
Avg	0	0	0	0	0	1	44	181	333	513	635	712	779	769	730	623	505	335	162	29	1	0	0	0	263	832	0
Max	0	0	0	0	0	4	94	281	455	621	757	858	928	937	865	770	642	468	277	77	4	0	0	0	325	937	0
Min	0	0	0	0	0	0	8	60	155	228	273	266	216	320	286	155	220	100	33	5	0	0	0	0	145	442	0

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Solar Radiation (watts m^2)
September 2015

	<< Hour >>																										
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	25	174	356	517	645	716	706	690	652	610	541	333	122	3	0	0	0	0	254	716	0
2	0	0	0	0	0	0	22	80	205	344	472	806	668	610	383	396	440	184	40	2	0	0	0	0	194	806	0
3	0	0	0	0	0	0	8	76	78	77	177	183	543	578	731	681	476	357	119	6	0	0	0	0	170	731	0
4	0	0	0	0	0	0	19	130	180	175	335	390	745	869	476	94	98	177	20	6	0	0	0	0	155	869	0
5	0	0	0	0	0	0	3	71	246	403	522	477	546	553	486	248	92	92	34	4	0	0	0	0	157	553	0
6	0	0	0	0	0	0	19	143	302	511	605	782	832	811	754	625	459	304	92	4	0	0	0	0	260	832	0
7	0	0	0	0	0	0	20	161	339	517	616	715	823	747	747	615	487	306	92	3	0	0	0	0	258	823	0
8	0	0	0	0	0	0	20	161	336	512	655	769	817	811	748	640	487	304	84	3	0	0	0	0	264	817	0
9	0	0	0	0	0	0	15	152	335	509	660	764	813	808	748	624	471	289	81	2	0	0	0	0	261	813	0
10	0	0	0	0	0	0	13	146	331	504	655	754	806	800	742	633	480	294	77	2	0	0	0	0	260	806	0
11	0	0	0	0	0	0	13	144	327	499	651	754	803	794	737	625	469	276	66	1	0	0	0	0	257	803	0
12	0	0	0	0	0	0	12	124	283	448	595	719	728	728	683	530	453	210	42	1	0	0	0	0	232	728	0
13	0	0	0	0	0	0	9	110	297	491	654	743	803	795	730	621	464	281	65	1	0	0	0	0	253	803	0
14	0	0	0	0	0	0	8	60	65	108	218	238	217	277	89	157	61	17	2	0	0	0	0	0	63	277	0
15	0	0	0	0	0	0	2	14	117	190	411	625	529	266	170	206	101	58	12	0	0	0	0	0	113	625	0
16	0	0	0	0	0	0	11	89	363	387	651	613	379	438	305	237	88	55	7	0	0	0	0	0	151	651	0
17	0	0	0	0	0	0	1	32	212	439	456	336	211	413	610	323	351	250	41	0	0	0	0	0	153	610	0
18	0	0	0	0	0	0	6	124	307	483	610	703	772	760	707	579	425	243	38	0	0	0	0	0	240	772	0
19	0	0	0	0	0	0	7	115	301	470	614	710	749	747	681	573	417	237	33	0	0	0	0	0	236	749	0
20	0	0	0	0	0	0	5	114	295	464	609	706	751	742	679	565	413	235	30	0	0	0	0	0	234	751	0
21	0	0	0	0	0	0	5	112	293	463	606	701	748	739	673	558	404	225	25	0	0	0	0	0	231	748	0
22	0	0	0	0	0	0	4	106	285	455	600	698	748	742	640	558	403	213	20	0	0	0	0	0	228	748	0
23	0	0	0	0	0	0	4	103	286	447	587	698	740	730	665	554	397	196	19	0	0	0	0	0	226	740	0
24	0	0	0	0	0	0	4	113	174	388	402	396	616	452	593	339	431	216	14	0	0	0	0	0	172	616	0
25	0	0	0	0	0	0	6	88	263	446	586	675	621	728	508	398	159	177	24	0	0	0	0	0	195	728	0
26	0	0	0	0	0	0	1	48	268	443	586	679	724	703	646	520	363	190	10	0	0	0	0	0	216	724	0
27	0	0	0	0	0	0	4	83	264	432	575	674	719	709	644	529	371	188	9	0	0	0	0	0	217	719	0
28	0	0	0	0	0	0	3	88	265	433	576	671	717	706	640	527	374	188	7	0	0	0	0	0	216	717	0
29	0	0	0	0	0	0	3	85	262	431	575	673	717	701	634	519	361	175	8	0	0	0	0	0	214	717	0
30	0	0	0	0	0	0	2	62	219	324	394	530	413	424	321	210	223	65	4	0	0	0	0	0	133	530	0
Avg	0	0	0	0	0	0	9	104	262	410	543	630	667	662	594	476	359	211	41	1	0	0	0	0	207	717	0
Max	0	0	0	0	0	0	25	174	363	517	660	806	832	869	754	681	541	357	122	6	0	0	0	0	264	869	0
Min	0	0	0	0	0	0	1	14	65	77	177	183	211	266	89	94	61	17	2	0	0	0	0	0	63	277	0

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Precipitation (Inches)
July 2015

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.030
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.030
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.000	0.000	0.000	0.000	0.080	0.060
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.110	0.040	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.160	0.110
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.270	0.250
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.170	0.000	0.030	0.010	0.000	0.000	0.210	0.170
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.160	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.180	0.160
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.010	0.010
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.040	0.020	0.000	0.000	0.000	0.000	0.070	0.040
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.060	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.060
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.030	0.020
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.020	0.320	0.120	0.070	0.210	0.000	0.210	0.100	0.040	0.010	0.000	0.020	1.150	0.000
Max	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.020	0.250	0.110	0.040	0.160	0.000	0.170	0.060	0.030	0.010	0.000	0.020	0.270	0.250

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Precipitation (Inches)
August 2015

	<< Hour >>																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.090	0.090	0.090
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Au	Au	Au	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.090	0.100	0.000
Max	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.090	0.090	0.090

HDR Calico Resources Site
Calico Resources Site Air Monitoring Summary
Precipitation (Inches)
September 2015

Day	<< Hour >> 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Tot	Max
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.010
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.030	0.030
5	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.010
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.010	0.010	0.020	0.000	0.070	0.150	0.070
15	0.010	0.010	0.010	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.020	0.010	0.000	0.100	0.030
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.010	0.010	0.000	0.000	0.000	0.000	0.040	0.020
17	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.020
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Tot	0.010	0.010	0.010	0.000	0.010	0.020	0.010	0.020	0.010	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.080	0.020	0.040	0.040	0.010	0.070	0.390	0.000
Max	0.010	0.010	0.010	0.000	0.010	0.020	0.010	0.020	0.010	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.040	0.010	0.030	0.020	0.010	0.070	0.150	0.070