Instrument Calibration Log

S3AM-127-FM10

Instrume	ent Information
Instrument Name: Smart Troll	Manufacturer: insite
Serial Number: 512733	Last Service Date: 7/10/19
Parameter(s):	Calibration Gas: see below
pH 10.00 (10+# C830367, exp. 11/2019) = 9.65 pH 4.00 (10+# C875641, exp. 11/2019) = 4.4	.3%, 7.56mg/c, 31.3°C ORP-229mV = 206-3mV 11 (Lot# C842257, exp 11/201) 7 11
sp. conductance 4.49ms/cm = 4,43m	
Daily Call Date: 7/10/2019	ibration Results Calibration Result: $9.07 \rightarrow 10$ or $206.3 \rightarrow 228$ $4.41 \rightarrow 4$ 00 $102.370 \rightarrow 1007_{0}$
Name: EIIIO	Signature: BUHT
Notes:	
Date: 7/15/19	Calibration Result: $9.84 \rightarrow 10.5$ 57.2002 . $4.41 \rightarrow 4.49$ -7.055 0.79 $204.1 \rightarrow 228$ $-4.91 \rightarrow 4.5$ 0.5 $45.4 \rightarrow 10.55$
Name: Marte Higling	Signature:
Notes:	
Date: 07/23/19	Calibration Result: 5^{0} cond. 4.37 \rightarrow 4.40 7.10 \rightarrow 10.0 6^{0} (94.2 \rightarrow 228 mV 9.82 \rightarrow 10.0
Name: Estelle BONNY	Signature:
Notes:	
Date: 7/24/19	Calibration Result: 00= 10,8%. 7.87mg/L spcond= (364.4.15/cm pH=4.44; 7.22; 9.79; 0Kp:285.3m V-7228m
Name: Alie	Signature: DLL HT
Notes:	
Project: Red Hill	Job No.: 60371032
Date: 7/15/19	Operator: pravk It Blug
Instrument: water quality meter	Calibration: perssec

Instrument Calibration Log

S3AM-127-FM10

Ins	trument Information
Instrument Name: MWHT RAE	Manufacturer: NAE
Serial Number: MBB 32 4Q3	Last Service Date: 7/10/19 Lot No:2195
Parameter(s): zero cul ul fresh air	Calibration Gas: Zero our/fresh air. iso butylene,
Calibration Procedure: 100 ppm 100 bitylene 25 ppm HzS, 50 ppm CO, 50% Clty	Authore, 0x4 gen, nivo gen balance
07 1990	(st No: 225/29
Dail	y Calibration Results
Date: 7/10/19	Calibration Result: $terr = 0$ mu[fi = 02 - tet - voc = - 1 $mu[fi = co - H_{2}S - 1$
Name: Ellie Hucunz	Signature: DUTTY
Notes:	
Date: 7/15/19	Calibration Result: fassed
Name: Mark Higley	Signature:
Notes:	
Date: 7/18/19	$2ero = \sqrt{Lel} = \sqrt{Voc} = \sqrt{Calibration Result: 02 = \sqrt{Co} = \sqrt{H_{2}}} = \sqrt{Calibration Result: 02 = \sqrt{Co} = \sqrt{H_{2}}} = \sqrt{Calibration Result: 02 = \sqrt{Co} = \sqrt{H_{2}}} = \sqrt{Calibration Result: 02 = \sqrt{Co}} = Calibration Result: 02 = \sqrt{Calibration Result: 02 = \sqrt{Cali$
Name: Jack Flaherty	Signature:
Notes:	Ì
Date: 7/18/19 1210	Calibration Result: Pros
Name: pour's lec	Signature:
Notes:	
Project: Red Hill	Job No .: 60571032

Date: 7/15 /19 Instrument: Wolt; Cal

.

Operator: Mark Hilley Calibration: passed.



Instrument Calibration Log

S3AM-127-FM10

Instrument Information		
Instrument Name: MultiRAE OK HIZZING	Manufacturer: PAE	
Serial Number: MEBSOLO3 MOI 26099 Q8	Last Service Date: 7/10/19	
Parameter(s): zero cal w/ freshair	Calibration Gas: ELVO Air, isobutylene, (H2S; CH4; 0,; CH	
Calibration Procedure: 100 ppm iso butylene lot # 211952 exp 042021 25 ppm HLSI 50 ppm CO; 507-CHy; 197. 02 lot # 225129 exp 01/2021		
Daily Cal	ibration Results	
Date: 7/22/19, Monday	Calibration Result: Multi : pass Levo Avesh air : pass Voc: pass	
Name: Elli e	Signature: Dll H	
Notes:		
Date: 7/23/19, Tuesday	Calibration Result: zero / preshair = pass LEL=fail Voc = pass	
Name: Estelle	Signature:	
Notes:		
Date: 7/24/19	Calibration Result: 2000 / FML air = pess	
Name: Gevin Mura	Signature:	
Notes:		
Date:	Calibration Result:	
Name:	Signature:	
Notes:		
a , 11(1)	1. 1. 0.2.2	

Project: Red 11(1) Date: 1/24/19 Instrument: Mults Rove

Job No.: 60571032 Operator: G.M. Calibration: 7:35 20



Instrument Calibration Log

S3AM-127-FM10

Instrume	ent Information
Instrument Name: Turindi met er	Manufacturer: HF scient: Sic
Serial Number: NA	Last Service Date: N/A_{-}
Parameter(s): Tsrbidity Calibration Procedure: 0.02NTU	Calibration Gas: 10 0.02 NTV Standard
Calibration Procedure: 0.02/NTU	
Daily Cal	ibration Results
Date: 7/10/14	Calibration Result: 0.02 NTU
Name: Mark Hisby	Signature:
Notes:	
Date: 7/15/9	Calibration Result: 0.02 NTO
Name: Mark Highy	Signature:
Notes:	
Date: 7/22/19, Monday	Calibration Result: 0.02 NTH
Name: alie	Signature: Rll H
Notes: 7123/19 Tuesday	
Date: 2/23/19, Tuesday	Calibration Result: 0.02 NTU
Name: Estelle	Signature: Down
Notes:	
Project: Red H: [1 Date: 7/15/19 Instrument: Turbi Limety	Job No.: 60571032 Operator: prark flyby Calibration: prased.

Instrument Calibration Log

S3AM-127-FM10

Instrument Information		
Instrument Name: Turbidimeter (Tunner)	Manufacturer: HF Scientific	
Serial Number: NA	Last Service Date: NA	
Parameter(s): Turbicity	Calibration Gas: 0.02 NTN Stand and	
Calibration Procedure:		
Daily Calibration Results		
Date: 7/22/19 Monday	Calibration Result: 0.02 NTU	
Name: Elle	Calibration Result: 0.02 NTU Signature: DUHS	
Notes:	U	
Date:	Calibration Result:	
Name:	Signature:	
Notes:		
Date:	Calibration Result:	
Name:	Signature:	
Notes:		
Date:	Calibration Result:	
Name:	Signature:	
Notes:		

Project: Fred UNI Date: 7/22/19 Instrument: Turbid Harbfor

Job No.: 60571032 Operator: ミルデモ Calibration: Pussed

Instrument Calibration Log

S3AM-127-FM10

Instrun	nent Information	
Instrument Name: MultiPAE	Manufacturer: PAE	
Serial Number: MO120983Q7	Last Service Date: 07/23/19 211752	wal
Parameter(s): Zevo car w/ fresh air	Calibration Gas: 1 50 buty/leve 107 # 226984 exp 3	3/22
Parameter(s): Zevo con w/ Arch air Calibration Procedure: 100 ppm Isobutifilme 25 ppm Hzs, SU ppm CO, 50% CHy Oz [9%	Last Service Date: 07/23/19 211952 Calibration Gas: 1 SO buty/line 10t # 226984 exp E Hr.S., Carbon monoxide, methane, 02 Lot # 225/29	
Daily Ca	alibration Results	
Date: 07/23//19	Calibration Result: Fass	
Name: Kevin Lee	Signature:	
Notes:		
Date:	Calibration Result:	
Name:	Signature:	
Notes:		
Date:	Calibration Result:	
Name:	Signature:	
Notes:		
Date:	Calibration Result:	
Name:	Signature:	
Notes:		

Project: Red Hill Date: 07/23/2019 Instrument: Wilfi PAE

Job No.: 60571837 Operator: Kevinbel Calibration: Passed

Instrument Calibration Log

S3AM-127-FM10

Instrument Information		
Instrument Name: MINIRAE 3 060	Manufacturer: RAE	
Serial Number: 592-908165	Last Service Date: 🐗 7/10/19	
Parameter(s): zero cal w/ fresh air	Calibration Gas: 180 buty lene lot # 226984 exp 3/2022	
Calibration Procedure: 100 ppm isobutylene 25 ppm H257 50 ppm Co, 50 1- CH47197-02 2122/19 DH Freshair		
Daily Cal	ibration Results	
Date: 7/22/19	Calibration Result: 2000 : 0.0 ppm	
Name: Ellie	Signature: Dlle HS	
Notes:		
Date: 7123/19	Calibration Result: 200 = 0.0 ppm iso = 100.1 ppm	
Name: Estelle	Signature:	
Notes:		
Date: 7/24/19	Calibration Result: Prised, low pro	
Name: Gavin Mun	Signature: 1/	
Notes:		
Date: 7/25/19	Calibration Result: Passed 0.0/100.0 ppm	
Name: mark Hikby	Signature:	
Notes:		
Project: Reed HAIII Date: 7/25/19	Job No.: 60571032	
Date: 7/25/19	Operator: MH	
Instrument: Win Pac	Calibration: pass rd	



Instrument Calibration Log

S3AM-127-FM10

Ins	strument Information
Instrument Name: Smartroll	Manufacturer: insitu
Serial Number: 512733	Last Service Date: 7/ 10/14
Parameter(s): eH, DO, Con, ORP,	Calibration Gas: see below
Calibration Procedure: 100 % Saturation R! pH 7.00 (Lot # C819546, up 11/2019) =7 pH 10.00 (Lot # C830367, up 11/2019) = pH 4.00 (Lot # C825641, up 1/2019) SP. conductonce 4.49ms/cm = 4.1	$= 9.67 \qquad (10t + C842257, = 9.67 \qquad etap 11/2019)$
Dail	ly Calibration Results ORP (191.9 -> ZZ8 JAV) ROO (96.18-
Date: 57/22/19	ly Calibration Results ORP (191.9 -> 228 mr); ROO (96.12-) Calibration Result: CON (4421 -> 4490ルメ/cn), pH4.00 (4.35 -> 4.01),pH 7.00 (7.15 -> 7.00), pH 10.00 (9.78-) 10.
Name: Estelle BONNY	Signature:
Notes:	
Date: 07/23/19	Calibration Result:
Name:	Signature:
Notes:	
Date: 08/01/17	00:964%,7.18 m// (00: 432) Calibration Result: 94: 4.49,7.30,9.45 069: 349.00 119.0
Name: Gavin Mura	Signature: 4
Notes:	
Date: 68/07/19	Calibration Result: 02.9. 203 4; 200 97.9 %
Name: Cartlin Ellis	Signature.
Notes:	

Project: Red Hill CTO18F0126 Date: 8/7/19 Instrument: Smirtroll

()

Job No.: 60571032

Operator: Che Calibration: puss red



Instrument Calibration Log

S3AM-127-FM10

Instrum	ent Information
Instrument Name: Minikat 3000	Manufacturer: RNE
Serial Number: 592 - 902229	Last Service Date: 08/05/19 Calibration Gas: 150 butylenc 101# 225112 exp 1/22
Parameter(s): zero Cal w/ fresh air	Calibration Gas: 150 putylenc 101# 225112 ewp 1/22
Calibration Procedure: 100 ppm isobutyl. Freshair > 2.00	ene ->span
Daily Cal	Ibration Results
Date: 8/1/19	Calibration Result: $Zero = 0.0 ppm$ Spgn = 100.0
Date: 8/7/19 Name: Cait/in Ellis	Signature
Notes:	$\forall \forall$
Date:	Calibration Result:
Name:	Signature:
Notes:	
Date:	Calibration Result:
Name:	Signature:
Notes:	
Date:	Calibration Result:
Name:	Signature:
Notes:	

Project: Red Hill CTO18F0126 Date: 8/1/19 Instrument: MIN, FRE Job No.: 60571032

Operator: C E/15 Calibration: p955cd

pa



Instrument Calibration Log

S3AM-127-FM10

Instrur	nent Information
Instrument Name: Turbidimeter	Manufacturer: HF Scientific inc.
Serial Number: DRT-15CE	Last Service Date:
Parameter(s): Furbidily	Calibration Gas: 0.02 NTU VIAU
Calibration Procedure: Gyin 0.02 NNI via acordingly	un til display reads 0.02 NTU VIAU
Daily C	alibration Results
Date: 08/1/19 Name: Caitlin ElliG	Calibration Result: passed
Name: Cautin Ellis	Signature:
Notes:	\mathbb{V}
Date:	Calibration Result:
Name:	Signature:
Notes:	
Date:	Calibration Result:
Name:	Signature:
Notes:	
Date:	Calibration Result:
Name:	Signature:
Notes:	

Project: Red Hill CTO18F0126 Date: 8/7/19 Instrument: purbid/Metrof Job No.: 60571032

Operator: C Calibration: DAS

C Ellis passed



Instrument Calibration Log

S3AM-127-FM10

Instrument Information	
Instrument Name: Sportfroll	Manufacturer: In Si kg
Serial Number: 58597, (paper 1, Faled)	Last Service Date: 7/26/19
Parameter(s): cent a local	Calibration Gas: J/A
Calibration Procedure: pH 7:00 > Lof# C819546 pH (0:00 > Lof# C830367, exp11/2019 pH 4:00, Spc 4:49m3/cm > Lof# C825641 ex	exp 11/2019 R0075ponge sp11/2019
ORP +228mV -> Lot ++ (842257 exp11/2010	
Daily Cal	ibration Results
Date: 7/29/19	Calibration Result: PH 7.51, 10.15, 4.63 SpC 9 4284 uslum, 186.4 N RD 7 100.3%
Name: Bianca Mintz	Signature: Brinn man
Notes:	
Date: 7/30/19	Calibration Result: 5, 10.19, 4.62 Calibration Result: 5, 10.19, 4267 0, 1921.1 R 00-3 789
Name: Bianca Mintz	Signature: Brin 200
Notes:	6
Date: 7/31/19	Calibration Result: SPC -D 4219 / Jom OBP-D 109.0, 1.6
Name: SIDNEY NAHANAY	Signature: Sing M.
Notes:	
Date: 3/1/10	Calibration Result SPC-042489,45/00 DO 182.9
Name: SIDNEY MAHANAY	Signature:
Notes:	

Project: Red Hill CT018F0126 Date: 7/29/19 Instrument: Smartfroll

Job No.: 60571032 Operator: Bianca Mintz Calibration: pass



Instrument Calibration Log

S3AM-127-FM10

Instrum	ent Information	
Instrument Name: Smar Troll MP	Manufacturer: In-Situ	
Serial Number: 589	Last Service Date: 7/10/19	
Parameter(s): PH, conductivity, ORP, DO7, HTC,	Calibration Gas: (pH 10: C\$30367, 11/19) (GRP: C\$42257 11/19) (A-toCAL, pH4, 4.494 5/00 (\$25641 11/19))
Calibration Procedure: ptt 3 pt 7,10,4	(A-tocal, pH4, 4.494 5/cm <825641 11/19)	
Specific cond. 4.49 poslsec ORP 228 my		
DO 100 % suteration		
	ibration Results	
Date: 07/22/19	Calibration Result: Con: 43 10,1%, 8.04mg/L, pH: 4.52, 7.43, 10 Con: 43 10,1%, 8.04mg/L, pH: 4.52, 7.43, 10	0.08
Name: Gavin Murn	Signature: Honin M	
Notes:		
Date: 7-(23)19	Sat= 10 (.0%, 7.87mg/L; cond = 438 bio/cm Calibration Result: pH=4.45, 7.41, 10.13 ORP- 187.1→228mV	
Name: Ellie	Signature: Dle H	
Notes:		
Date: 7/24/14	Calibration Result: pt = 4.54; 7.44; 10.10 ORP 188, 3	948/cm
Name: Ellie	Signature: DUAN	
Notes:	1 7 110 - 7 - 1 11 117 - 24	160
Date: 7/25/19	Calibration Result: 9.347100 029186.1720 H.5974.0 D0 99.572700	28
Name: Mark Higley	Signature:	
Notes:		
Project: Red Hill	Job No.: 60571032	
Date: 7/25/19		
Instrument: Smart soll	Operator: Mark Higter Calibration: pussed	



Instrument Calibration Log

S3AM-127-FM10

Instrument Information	
Instrument Name: Maffile	Manufacturer: Rae
Serial Number: PGM 6228	Last Service Date:
Parameter(s): <u>See be (on</u>	Calibration Gas: see below
Calibration Procedure: Fresharr Isobutylone Calibration Sulfile Calibration Sulfile Corbon monoxile Mathematica See Better Lot H 21195 2 exp Feb 2021 Lot H 225129, exp Jan 2021 methine oxygens	
Daily Calibration Results	
Date: 7/29/17	Calibration Result: pass
Date: 7/29/17 Name: Bianca MMtz	Signature:
Notes:	
Date: 7/30/19	Calibration Result:
Name: Estelle BONNY	Signature: Bomb
Notes: VOCs empty, USE Lot # THB-J-248-100-6 exp0712023	
Date: 7/31/19	Calibration Result: P455
Name: Gavin Mura	Signature: 22 M
Notes:	
Date: 8/1/13	Calibration Result: P. 55
Name: Cours Murs	Signature: 12 L
Notes:	

Project: Red Hill CTO18F0126 Date: 7/29/19 Instrument: Math.Roul

Job No.: 60571032 Operator: BiancaMintz Calibration: pass



Instrument Calibration Log

S3AM-127-FM10

Instrum	ent Information
Instrument Name: Mini RAS	Manufacturer: LAE Systems
Serial Number: 592-910651	Last Service Date: 7/30/19
Parameter(s): From Arr, VOCs	Calibration Gas: Isoberture 100 per
Parameter(s): Frish Air, VOCs Calibration Procedure: First celibrate to zero using fresh air. Then use looppen isobulgue hotte to calibrate VOCs. Let sit for 30 sec and should either pass or fail	
Daily Calibration Results	
Date: 08/01/19	Calibration Result: Passe J
Name: Gavin Mura	Signature: An M
Notes:	
Date: 8/5/19	Calibration Result:
Name: Bianca Minte	Signature: Brine 23
Notes:	
Date: 8/6/19	Calibration Result: Pass 100.0
Name: Branca Mintz	Signature: This many
Notes:	
Date:	Calibration Result:
Name:	Signature:
Notes:	

Project: Red Hill CTO18F0126 Date: **8**/1/19 Instrument: Mini Rose

Job No.: 60571032 Operator: MMTZ Calibration: pass



Am	eri	cas

Instrument Calibration Log

S3AM-127-FM10

Instrument Information	
Instrument Name: Sover fro ()	Manufacturer: Insity
Serial Number: 5859? (perfra (lyfaded)	Last Service Date: 7126113
Parameter(s): COR () ()	Calibration Gas: A / I
Calibration Procedure: ph 7000 with CSIAS46 explication Gas. Nor ph 10:00 > lotal (83036 Theop 11/2019 ph 4.001 \$pl 4.49 m Stom > cot H(825641 explication ORP +228 mV > to + H(825641 explication RD03 sponge	
Daily Calibration Results	
Date: 8/5/19	Calibration Result: Sp C > 4156nskm, brp > 4.74 RO > 100.1%
Name: BIANCAMINTE	Signature: And 2
Notes:	\leq
Date: 8/6/19	Calibration Result: p C = 4136/15-21, 4.75 ROOMP 94.8%
Name: BIANLA MINTZ	Signature: The Part
Notes:	
Date:	Calibration Result:
Name:	Signature:
Notes:	
Date:	Calibration Result:
Name:	Signature:
Notes:	

Project: Red Hill CTO18F0126 Date: 8/5/19 Instrument: Smorth 1

Job No.: 60571032 Operator: Minte Calibration: pass



Instrument Calibration Log

S3AM-127-FM10

Instrume	ent Information
Instrument Name: Mafile	Manufacturer: Rac
Serial Number: PGM 6228 / 1201	Last Service Date:
Demonstrates in La Land	Calibration Gas: see Selow
Calibration Procedure: Fresharr isobutytore Lot # 21195 2 exp Feb 2021 hydragon Sulfile - Corbon monowite- methome oxygens	
Daily Calibration Results	
Date: 7/29/17	Calibration Result: pass
Date: 7/29/17 Name: Bianca MMHZ	Signature: Bring 200
Notes:	
Date: 7/30/19	Calibration Result: 1055
Name: Estelle BONNY	Signature: Bang
Notes: VOCS empty, USE LOT # THB-J-248-100-6 exp 0712023	
Date: 7/31/19	Calibration Result: Pass
Name: Gavin Mura	Signature: 22 M
Notes:	
Date: 8/1/19	Calibration Result: P ₁₅₅
Name: Cours Murs	Signature: 12 L
Notes:	

Project: Red Hill CTO18F0126 Date: 7/29/19 Instrument: Multrikoul

Job No.: 60571032 Operator: BiancaMMAZ Calibration: pass

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Instrument Calibration Log

S3AM-127-FM10

Instrume	ent Information
Instrument Name: Smar Troll MP	Manufacturer: TSitu
Serial Number: 589972	Last Service Date: 7/10/19
Parameter(s): PH, conductivity, ORP, DO7, 1000,	(рн 10: С830367, 11/19) (GRP: С842257 11/1 Calibration Gas: (рн 7: С4 19546, 11/19) (А-тслі, рн 4, 4.494 5/ст С825641 11/19)
Calibration Procedure: ptt 3 pt 7, 10, 4	(A-10C-1, pH4, 4:49m 5/cn (825641 11/19)
Specific cond. 4.49 mslsec DRP J28 mV	
DO 100 % substation	
	ibration Results
Date: 07/22/19	Calibration Result: 5.4: 101.1%, \$.0473/6, 2H: 4.52, 7.43, Can: 43 10, 15/cm, ORP: 190.6 7225m
Name: Gavin Mura	Signature: Honin M
Notes:	
Date: 7/23/19	Sat= 10 (.0%, 7.87 mg/L): cond = 438 lis/c Calibration Result: pH=4.45, 7.41, 10.13 GRP- 187.1→228r
Name: Ellie	Signature: Dle H
Notes:	
Date: 7/24/19	Calibration Result: pH= 4.54;7.44;10.10 0KP 18
Name: Ellie	Signature: DUAT
Notes:	
Date: 7 25 19	Calibration Result: 4.34710.0 00 49.57.7
Name: Mark Nigley	Signature:
Notes:	
Project: Red Hill	Job No.: 60571032
Date: 7/25/19	Operator: mark Higher
Instrument: Smart soll	Calibration: pussed

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1 of 1



Instrument Calibration Log

S3AM-127-FM10

Instrument Information	
Instrument Name: Short frall im 589972	Manufacturer: In Si ky
Serial Number: 58597 (papelly fades)	Last Service Date: 7/26/19
Parameter(s):	Calibration Gas: J/A
Calibration Procedure: pH 700 > Lot# (819546 exp 11/2019 R00> Sporge pH 10:00 > Lot# (830367, exp 11/2019)	
pH 4.00, Spc 4.49ms/cm -> Lot# C825641 e. ORP +228mV -> Lot# C842257 exp11/2010	cp 111 colg
Daily Calibration Results	
Date: 7/29/19	Calibration Result PH 7.51, 10.15, 4.63 SPG7 4284 uslum, 1864 NV ROD 7 100.3%
Name: Bianca Mintz	Signature: Brinn 200
Notes:	
Date: 7/30/19	Calibration Result: 50 - 4267 0 RP + 1221.1 R 00 - 7 789
Name: Bianca Mintz	Signature: Jam 200
Notes:	
Date: 7/31/19	Calibration Result: 9C - 04219 45/cm OBP- 102.4 my
Name: SIDNEY NAHANAY	Signature: Sing M.
Notes:	
Date: 8/1/19	Calibration Result 59C+04268,4500 DO-\$ 1829
Name: BIDNEY MAHANAY	Signature:
Notes:	

Project: Red Hill CTO18F0126 Date: 7/29/19 Instrument: Smartfroll

Job No.: 60571032	
Operator: Bianca Mint	Z
Calibration: pass	



Instrument Calibration Log

S3AM-127-FM10

Instrume	ent Information
Instrument Name: Sour froll	Manufacturer: Insity
Serial Number:	Last Service Date: 7/26/19
Parameter(s): COOL of 1 ()	Calibration Gas: NA-
Calibration Procedure: pH 7000 -> Loft (8/9546 exp/11/2019 pH 10:00 -> Loft (8 30367700 p 11/2019 pH 4.00, \$pl 4.49 m 3/cm > Loft (5 2 5641 exp/11/2019 DEP +228 mV-3 Loft (8 25641 exp/11/2019 RD63 & pomp	
Daily Calibration Results	
Date: 8/5/19	Calibration Result: Sp C > 4156nskm, BRP. > 4.74 RPO > 100.1%
Name: BIANCA MINTZ	Signature: 1202
Notes:	\leq
Date: 8/6/19	Calibration Result: p C = U13 6/1 5/10.21, 4.75 ROOT P 91.36/1 5/10, 0 RP3, 79
Name: BIANAMINTZ	Signature: The Page
Notes:	
Date:	Calibration Result:
Name:	Signature:
Notes:	
Date:	Calibration Result:
Name:	Signature:
Notes:	

Project: Red Hill CTO18F0126 Date: 815/19 Instrument: Smorth II Job No.: 60571032 Operator: Minte Calibration: pass Calibration Report: Conductivity Calibration Report 2019-07-12 11:18:37 Probe: 512733 Cell Constant: 1.1087 Stability: Full Calibration Report: Conductivity Calibration Report 2019-08-05 11:30:41 Probe: 646770 Cell Constant: 1.1322 Stability: Full



Calibration Report: ORP Calibration Report 2019-07-12 11:23:30 Probe: 512733 ZoBell's Offset: 19.4 mV Stability: Full

Calibration Report: ORP Calibration Report 2019-08-05 11:25:17 Probe: 646770 ZoBell's Offset: 18.1 mV Stability: Full



Calibration Report: pH Calibration Report 2019-08-05 11:32:01 Probe: 646770 4.01 pH Slope: -59.16 mV/pH Offset: 6.54 pH

Stability: Full

Calibration Report: RDO Calibration Report 2019-07-12 11:21:21 Probe: 512733 Slope: 0.9560 Offset: -0.0000 Stability: Full Calibration Report: RDO Calibration Report 2019-08-05 11:28:54 Probe: 646770 Slope: 0.9590 Offset: -0.0000 Stability: Full



Instrument Type: MINIRAE RAE 3000 Serial Number: 908/65

Calibration Gas

Lot Number

Result

Isobutylene 100 ppm

987369

100ppm

Calibration Date: 07/05/19 Calibrated by: _



Instrument Type: MINIRAE RAE 3000 Serial Number: 41065/

Calibration Gas

Lot Number

Result

Isobutylene 100 ppm

987369

100ppm

Calibration Date: 07/3Calibrated by:





Instrument Type: MultiRae

Serial Number: <u>46Q3</u>

Calibration Gas Lot #: 998688 exp. 09/2021

Calibration Gas

CO 50 ppm

H2S 25 ppm

CH4 50% LEL

OXY 19.0% Volume

VOC 100PPM

Calibrated by:

A.T.

50 ppm 25 ppm

Result

50% LEL

19.0% Volume

100PPM

Calibration Date: 06/21/19

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Instrument Type: MultiRae Serial Number: 030

Calibration Gas Lot #: 998688 exp. 09/2021

Calibration Gas

CO 50 ppm

H2S 25 ppm

CH4 50% LEL

OXY 19.0% Volume

VOC 100PPM

50 ppm 25 ppm

Result

50% LEL

19.0% Volume

100PPM

Calibration Date: 07 2

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Calibrated by:





Instrument Type: MultiRae Serial Number: <u>46 Q</u>

Calibration Gas Lot #: 998688 exp. 09/2021

Calibration Gas

CO 50 ppm

H2S 25 ppm

CH4 50% LEL

OXY 19.0% Volume

VOC 100PPM

Calibrated by:

50 ppm 25 ppm

Result

50% LEL

19.0% Volume

100PPM

Calibration Date: 07/

12/19

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Instrument Type: <u>MultiRae</u> Serial Number: 4602

Calibration Gas Lot #: 998688 exp. 09/2021

Calibration Gas

Result

CO 50 ppm

H2S 25 ppm

CH4 50% LEL

OXY 19.0% Volume

VOC 100PPM

Calibrated by:

50 ppm

25 ppm

50% LEL

19.0% Volume

100PPM

10/1G Calibration Date: ()7



Instrument Type: MINIRAE RAE 3000 Serial Number:

<u>ZZZ (</u>

Calibration Gas

Lot Number

Result

Isobutylene 100 ppm

987369

100ppm

Calibration Date: 05/09/19 Calibrated by: _



Instrument Type: MultiRae

Serial Number: 12Q1

Calibration Gas Lot #: 998688 exp. 09/2021

Calibration Gas

CO 50 ppm

H2S 25 ppm

CH4 50% LEL

OXY 19.0% Volume

VOC 100PPM

Calibrated by:

Calibration Date: <u>04/05/19</u>

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Result

50 ppm

25 ppm

50% LEL

19.0% Volume

100PPM