

RECEIVED

MAY 16 2022

DEPARTMENT OF
WATER RESOURCESSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
STATEMENT OF COMPLETION
FOR SUBMITTING PROOF OF BENEFICIAL USE

FOR OFFICE USE ONLY

Amt. of Fee \$ 100.00
Receipt No. C112790
Received By KU
Date Received 5.16.22

The Idaho Department of Water Resources (Department) considers this form a statement that the permit holder(s) applied water to beneficial use and completed development of a water right to the extent described below. **This form must be accompanied by an examination fee, when necessary, or by a completed Beneficial Use Field Report prepared by a certified water right examiner (CWRE).** Please refer to the instructions and fee schedule for this form. If ownership of the permit has changed, complete an Assignment of Permit form. If you wish to relinquish your permit because you have not established the authorized water use and are not applying for an extension, please notify the Department in writing.

- Permit No. 29-14207 Name of Permit Holder(s) INTER MOUNTAIN VIPASSANA ASSN INC
Telephone No. 801-663-3329 Email SUSAN.THOMAS@DHAMMA.ORG ; INFO@PASANA.DHAMMA.ORG
Mailing Address 8414 S. BLASER HWY City LAVA HOT SPRINGS State ID Zip 83246
- Source of Water GROUND WATER If Ground Water (well), Date Drilled mo. MARCH / yr. 2018
Drilling Permit/Tag No. DD075500 Drilling Company's Name VOLLMER L&S DRILLING
- Extent of use(s) completed as authorized by the water right permit:
Domestic (No. households) 0 Irrigation (No. acres) 0 Stockwater (No. and stock type) 0
Other FIRE PROTECTION STORAGE, DIVERSION TO STORAGE, COMMERCIAL, FIRE PROTECTION FROM STORAGE
- Total diversion rate or volume (storage only) for which proof is submitted 0.44 cfs OR 0.1 af
If the total developed water use is 5 acres of irrigation or less, is stockwater storage of 14.6 acre-feet or less, or has a diversion rate of less than 0.24 cfs, attach a map of the place of use and point of diversion and photographs showing beneficial use.
- Describe the diversion and delivery system from the water source to the use (pump, lift, irrigation method, etc.)
FRANKLIN 4" 5.0 HP 240V 3 PHASE VARIABLE SPEED 3500 RPM PUMP BRINGS GROUND WATER TO WELL HOUSE FROM 104' DEPTH. 3" PVC SCH. 40 PIPE & 10" PVC C-900 PIPE DISPERSES PUMPED WATER TO STORAGE POND AND COMMERCIAL USES.
- Permit condition compliance. Refer to the permit approval conditions and check all the items required, then check "Yes" or "No" to indicate whether the required items were established, submitted, and/or installed:
Required? Yes No (If "Yes", attach required data, evidence of compliance, or evidence of installation)

☐	☐	☐	Ground water level data, pumping information, or other diversion data
☐	☐	☐	Mitigation plan
☐	☐	☐	Lockable controlling works
☐	☐	☐	Measuring device
☐	☐	☐	Fish screen
☐	☐	☐	Other requirements of the water right permit _____
☐	☐	☐	Reasonably Anticipated Future Needs ("RAFN") Municipal use

If RAFN Municipal use, additional increment of beneficial use developed? ☐ Yes (attach CWRE report) ☐ No
- Fee Enclosed \$ 100.00 or ☐ CWRE field report attached or ☐ No fee required
See fee schedule on page 3 of the instructions. Proof statements filed without an appropriate fee are incomplete.
- Person to contact to accompany a Department representative during the field examination of the water system:
Name: SUSAN THOMAS Telephone No. 801-663-3329 Email SUSAN.THOMAS@DHAMMA.ORG
Mailing Address 8414 S. BLASER HWY City LAVA HOT SPRINGS State ID Zip 83246

The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted and applied to beneficial use. I understand that any undeveloped portion of the permit is relinquished to the State of Idaho.

[Signature]
SIGNATURE OF PERMIT HOLDER*

SUSAN L. THOMAS VOLUNTEER
PRINTED NAME AND TITLE WATER OPERATOR

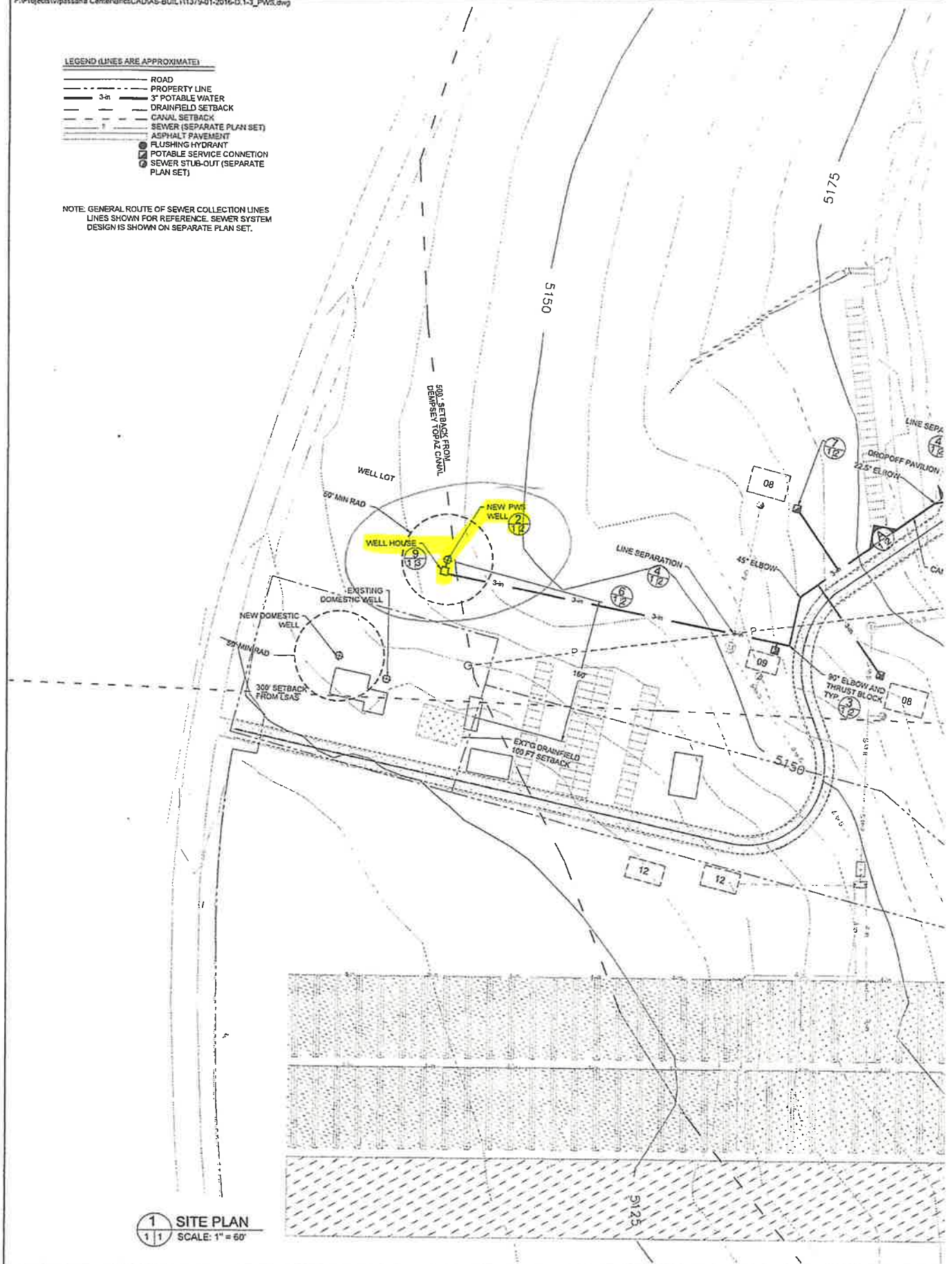
12 MAY 2022
DATE

*Attach power of attorney if completing on behalf of permit holder.

LEGEND (LINES ARE APPROXIMATE)

- ROAD
- PROPERTY LINE
- 3" POTABLE WATER
- DRAINFIELD SETBACK
- CANAL SETBACK
- SEWER (SEPARATE PLAN SET)
- ASPHALT PAVEMENT
- FLUSHING HYDRANT
- POTABLE SERVICE CONNECTION
- SEWER STUB-OUT (SEPARATE PLAN SET)

NOTE: GENERAL ROUTE OF SEWER COLLECTION LINES SHOWN FOR REFERENCE. SEWER SYSTEM DESIGN IS SHOWN ON SEPARATE PLAN SET.



1 SITE PLAN
1 1 SCALE: 1" = 60'

RULE		
DISTURBED EARTH		
ID	22.5", 11.25" BENDS	
	0.3	

LANE
TINGS
SITE

N
ENT

1/2" SCH. 40

DETAIL

VALVE
READ

3" PVC SCH. 40

RESILIENT WEDGE
TE VALVE W/ Z
ERATING NUT

T

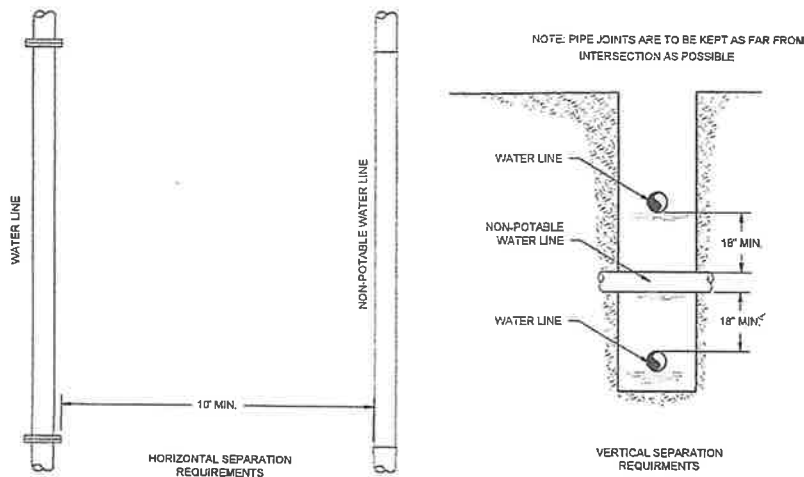
ONN.
TABLE

SERVICE CONNECTION PIPE SIZE		
BLOG. NO.	BUILDING TYPE	SERVICE SIZE
1 OR 3	TRANSIENT RESIDENCE	1-1/2"
2	KITCHEN/DINING HALL	2"
8	SERVER RESIDENCE	1"
9	CARETAKER	1"
10	OFFICE	1"
11	LAUNDRY	1-1/2"

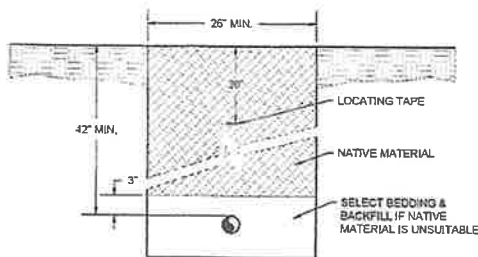
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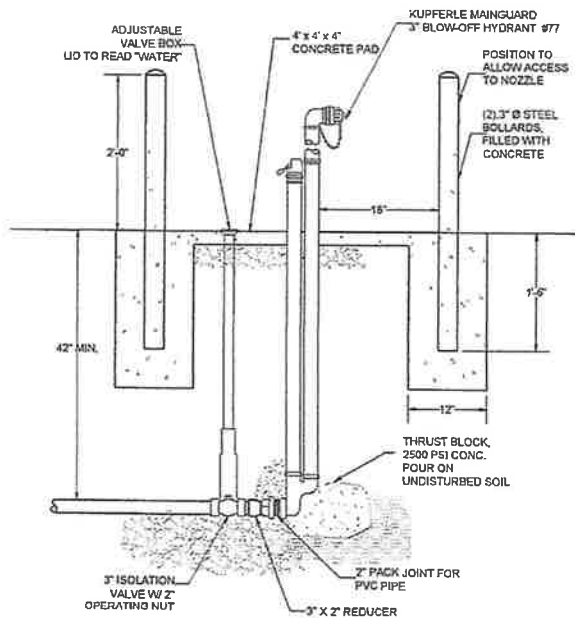
ION



4 LINE SEPARATION
SCALE 1/2"=1'



6 TYP. TRENCH
SCALE 1"=1'

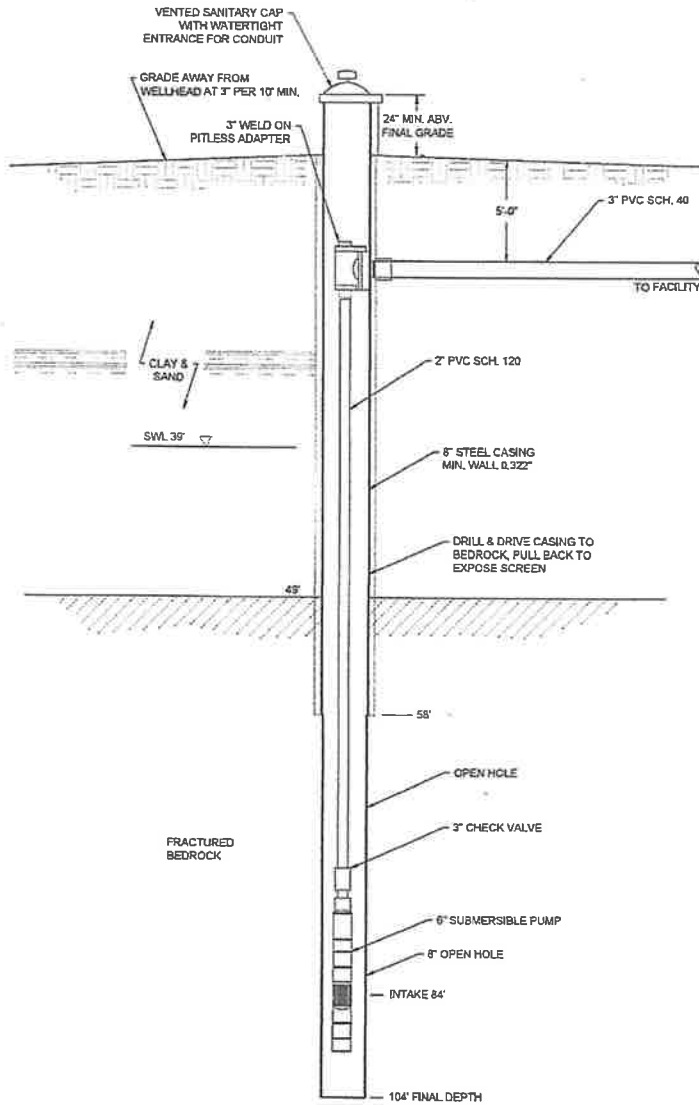


8 3" FLUSHING HYDRANT
SCALE 1"=1'

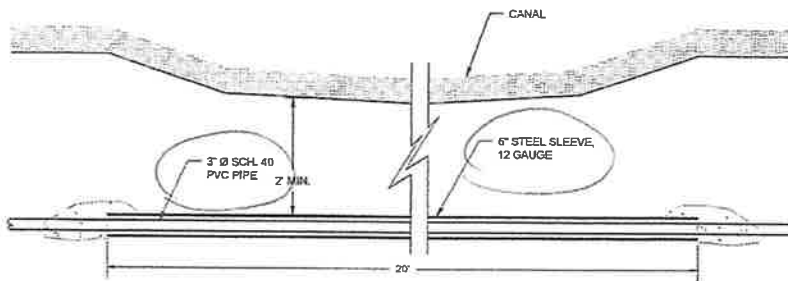
THIS IS AN ELECTRONIC VERSION OF THIS DOCUMENT.
ORIGINAL, SIGNED BY: CHARLES G. BROCKWAY, P.E.
DATE ORIGINAL SIGNED: OCTOBER 28, 2018
THE ORIGINAL DOCUMENT IS ON FILE WITH BROCKWAY ENGINEERING
AT 2015 WASHINGTON STREET NORTH, SUITE 4, TWIN FALLS, IDAHO 83301



THIS DRAWING HAS BEEN PREPARED BY BROCKWAY ENGINEERING, PLLC. FOR A SPECIFIC PROJECT TAKING INTO ACCOUNT THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION FROM BOTH BROCKWAY ENGINEERING & THE CLIENT IS GRANTED.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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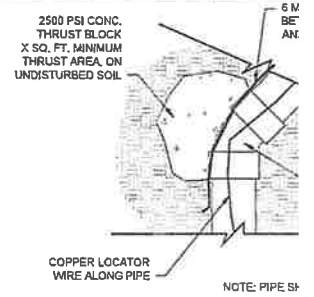


2 WATER SUPPLY WELL
SCALE: NOT TO SCALE

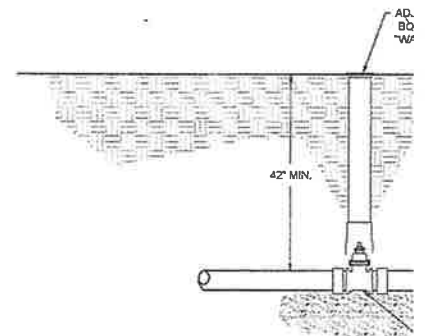


A CANAL SLEEVE
SCALE: 1/2"=1'

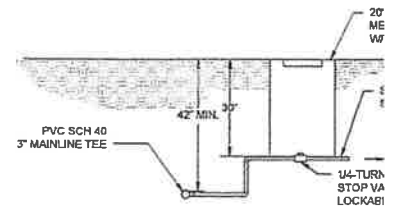
THRUST BLOCK SC		
MINIMUM SQUARE FEET OF THRUST AREA ON		
PIPE SIZE	TEE, PLUG OR VALVES	90° BEND
3"	0.8	1.1



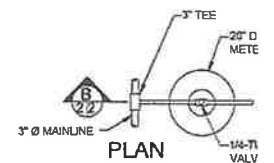
3 TYPICAL THRUST BLOC
SCALE 1"=1'



5 ISOLATION VALVE
SCALE 3/4"=1'



B POTABLE SERVICE CONNECTION
SCALE: 1/2"=1'



7 POTABLE SERVICE CO
SCALE 1/2"=1'



WELL HOUSE EXTERIOR
AS SEEN FROM SOUTH SIDE

Well head

susan thomas <dragonflygallerylava@gmail.com>

Wed 5/11/2022 11:03 AM

To: Susan Thomas <energoy@hotmail.com>

GROUND WATER WELL HEAD
TO NORTH OF WELL HOUSE



Well house interior

susan thomas <dragonflygallerylava@gmail.com>

Wed 5/11/2022 9:51 AM

To: susan.thomas@dharma.org <susan.thomas@dharma.org>; Susan Thomas <energy@hotmail.com>

WELL HOUSE INTERIOR



Fire suppression pond 2022
susan thomas <dragonflygalleryva@gmail.com>
Mon 5/11/2022 2:41 PM
To: Susan Thomas <energy@hotmail.com>



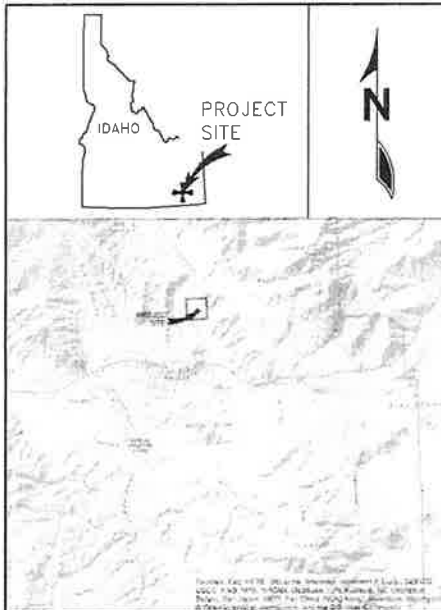
Sent from my iPhone

FIRE PROTECTION STORAGE POND -
AS SEEN FROM HIGHER ALTITUDE
IN 2022 READY FOR USE IN
FIRE SUPPRESSION WHEN NECESSARY



FIRE PROTECTION STORAGE POND - AS SEEN DURING CONSTRUCTION IN 2021 VIA DRONE

INTERMOUNTAIN VIPASSANA ASSOCIATION FIRE SYSTEM



VICINITY MAP
ABBREVIATION LIST

A & @	AND AT	N	N.T.S.	NOT TO SCALE
C	CENTER LINE	O	NO. OR #	NUMBER
CL	CONCRETE	O.D.		OUTSIDE DIAMETER
CONC.	CORRUGATED METAL PIPE	P		
CMP.	CULVERT	PVC		POLYVINYL CHLORIDE
CULV.		R		
D	DEPTH	R.	RAD.	RADIUS
DIA	DIAMETER	S		
D.I.	DUCTILE IRON	S.S.		STAINLESS STEEL
E		STD.		STANDARD
EL., ELEV.	ELEVATION	STR.		STRUCTURE
EXT G	EXISTING	T		
E.W.	EACH WAY	T.O.C.		TOP OF CONCRETE
G		T.O.W.		TOP OF WALL
GALV.	GALVANIZED	TYP.		TYPICAL
I		V		
I.E.	INVERT ELEVATION	VLV		VALVE
IN.	INCH	W		
M		W.S.E.		WATER SURFACE ELEV
MAX.	MAXIMUM	W/		WITH
MFG.	MANUFACTURE			
MJ.	MECHANICAL JOINT			
MIN.	MINIMUM			

DETAILING CONVENTIONS



NAIP 2015 AERIAL PHOTOGRAPH

CONSTRUCTION NOTES

A. GENERAL

1. THE PROJECT CONSISTS OF CONSTRUCTION OF FIRE WATER STORAGE POND AND APPURTENANCES, CONSTRUCTION OF BYPASS CHANNEL, INSTALLATION OF MAINLINES, INSTALLATION OF THREE (3) FIRE HYDRANTS, AND ALL ASSOCIATED EQUIPMENT AND SUPPLIES.
2. ALL TECHNICAL QUESTIONS REGARDING ANY ASPECT OF THE PROJECT SHALL BE DIRECTED TO BROCKWAY ENGINEERING C/O CHARLES G. BROCKWAY, P.E., 2016 WASHINGTON ST. NORTH #4, TWIN FALLS, ID 83301, (208) 736-8543.
3. CONTRACTOR SHALL VERIFY AND CONFIRM ALL DIMENSIONS AND CONDITIONS SHOWN OR IMPLIED ON THE DRAWINGS AND SPECIFICATIONS, AS WELL AS THE EXISTING WORK AND PHYSICAL DESCRIPTIONS AND CONDITIONS OF THE SITE, AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO THE START OF THE WORK.
4. ALL EQUIPMENT PROPOSED TO BE SUPPLIED BY THE CONTRACTOR MUST BE SUBMITTED FOR APPROVAL TO THE ENGINEER. ANY ITEM WHICH THE CONTRACTOR PROPOSES TO FURNISH AS "EQUAL" OR "EQUIVALENT" TO ITEM SPECIFIED SHALL BE SUBMITTED FOR APPROVAL TO THE ENGINEER WITH SUFFICIENT MANUFACTURER'S LITERATURE TO DETERMINE EQUIVALENCY.
5. CODES AND STANDARDS: INTERNATIONAL CODE COUNCIL (ICC); INTERNATIONAL BUILDING CODE (IBC); INTERNATIONAL PLUMBING CODE (IPC); NFPA 70 (NATIONAL ELECTRIC CODE); AND NFPA 101 (LIFE SAFETY CODE); AMERICAN CONCRETE INSTITUTE (ACI) 301, 318, & 530.
6. ALL EQUIPMENT AND MATERIALS CONTACTING POTABLE WATER SHALL BEAR THE NSF-61 AND NSF-372 CERTIFICATIONS. ALL CHEMICALS OR LIQUIDS SHALL BEAR THE NSF-60 CERTIFICATION.

7. THIS PROJECT IS DESIGNED TO CARRY NON-POTABLE WATER. NO CONNECTION SHALL BE MADE TO THE EXISTING POTABLE SYSTEM EXCEPT STRICTLY AS INDICATED.
 8. UNDERGROUND UTILITIES MAY BE PRESENT. LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL CONTACT DIGLINE PRIOR TO CONSTRUCTION AND VERIFY LOCATIONS. CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVES TO DETERMINE HOW NEW WATER PIPELINE WILL AVOID ALL UTILITIES.
 9. ACCESS: PROJECT SITE SHALL BE ACCESSED THROUGH OWNER'S PROPERTY CONTRACTOR SHALL MAKE APPROPRIATE ARRANGEMENTS WITH THE OWNERS TO ACCOMPLISH THE WORK DESCRIBED HEREIN. ALL DAMAGE TO OWNER'S LAND, IMPROVEMENTS, OR INFRASTRUCTURE SHALL BE PROMPTLY REPAIRED TO OWNER'S SATISFACTION.
- B. EARTHWORK
1. ADHERE TO ALL GRADES SHOWN ON PLANS. SEE NOTE 2, SHEET 1 REGARDING EXISTING GROUND TOPOGRAPHY. TOLERANCE FOR FINAL GRADE IS ± 0.2 FOOT. STRUCTURAL FILL INCLUDING POND EMBANKMENT SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY PER ASTM D-1557. NATIVE MATERIAL IS BELIEVED TO BE ADEQUATE FOR EMBANKMENT CONSTRUCTION. ALL FILL SHALL BE FREE OF MUCK, PEAT, CLAY, FROZEN GROUND, DEBRIS, OR OTHER UNSUITABLE MATERIAL.
 2. CONSTRUCT BYPASS CHANNEL BY ROUTING ENTIRE NATURAL CHANNEL FLOW AROUND NORTH END OF POND AND AROUND NORTH SIDE OF FUTURE BUILDINGS.
 3. FINAL GRADING SHALL RESULT IN SMOOTH CONTOURS AND TIE-INS TO ALL STRUCTURES. HAUL AWAY ALL EXCESS MATERIAL, OR DEPOSIT AT THE OWNER'S DIRECTION ON SITE, AND ENSURE ENTIRE SITE IS RESTORED TO ORIGINAL CONDITION.
 4. STRUCTURAL BASE: 3/4 MINUS ROAD MIX, COMPACTED TO 95% OF MAXIMUM DENSITY PER ASTM D-1557.
 5. LINER BASE AND COVER: NATIVE MATERIAL COMPACTED AND ROLLED SMOOTH. NO STONES LARGER THAN 2". NO DEBRIS, FOREIGN MATERIAL, OR WOODY MATERIAL. ALL ROCK MATERIAL CONTACTING LINER SHALL BE SMOOTH, CLEAN COBBLE, FREE OF ANGULAR FRAGMENTS.
 6. TOPSOIL: SANDY SILT LOAM OR SILT LOAM MATERIAL WITH MINIMUM 3% ORGANIC MATERIAL.
 7. RESTORATION: ALL TRENCHES, EXCAVATIONS, EMBANKMENTS, AND OTHER DISTURBED AREAS SHALL BE RESTORED BY REVEGETATING WITH GRASS SEED MATCHING THE SURROUNDING GRASS AS DIRECTED BY OWNER. PLANT SEED BY BROADCASTING AT 40 LB/ACRE AND COVERING THE SEED WITH 1/4" TO 1/2" OF LOOSE MATERIAL.

CONSTRUCTION NOTES CONTINUED ON NEXT PAGE



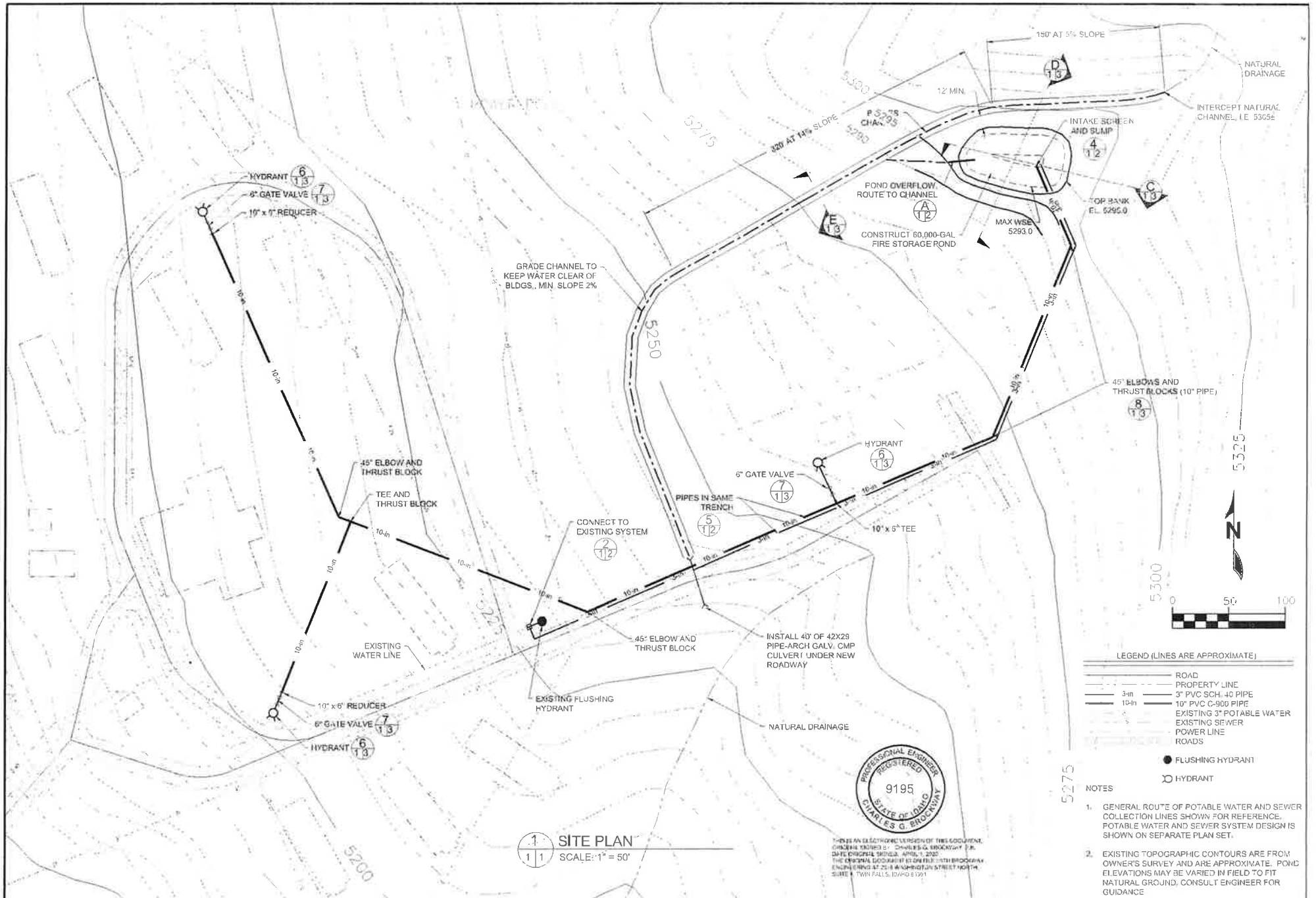
THIS IS AN ELECTRONIC VERSION OF THIS DOCUMENT.
ORIGINAL SIGNED BY: CHARLES G. BROCKWAY, P.E.
DATE: ORIGINAL SIGNATURE: APRIL 1, 2016
THE ORIGINAL DOCUMENT IS ON FILE WITH BROCKWAY
ENGINEERING AT 2016 WASHINGTON STREET NORTH,
SUITE 4 - TWIN FALLS, IDAHO 83301



DRAWING INDEX

TITLE	DWG No.
COVER SHEET, VICINITY MAP AND CONSTRUCTION NOTES	0.1
CONSTRUCTION NOTES (CONT.)	0.2
SITE PLAN	1
SECTIONS AND DETAILS 1	2
SECTIONS AND DETAILS 2	3

THIS DRAWING HAS BEEN PREPARED BY BROCKWAY ENGINEERING, PLLC, FOR A SPECIFIC PROJECT. ANY CHANGES TO THIS DRAWING MUST BE MADE IN WRITING AND SIGNED BY THE ENGINEER. ANY UNAUTHORIZED CHANGES TO THIS DRAWING ARE PROHIBITED. ANY REUSE OF THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM BOTH BROCKWAY ENGINEERING AND THE CLIENT IS OBTAINED.				DESIGNED BY: CGB	DRAWN BY: ICA	BROCKWAY ENGINEERING, PLLC 2016 NORTH WASHINGTON, SUITE 4 TWIN FALLS, ID, 83301 (208) 736-8543		INTERMOUNTAIN VIPASSANA ASSOCIATION FIRE SYSTEM COVER SHEET, VICINITY MAP, AND NOTES		PROJECT # 1397-03-2016
ISSUED FOR CONSTRUCTION	APPROVED	DATE	APPROVED	DATE	APPROVED	DATE	APPROVED	DATE	DATE	DATE
ISSUED FOR REVIEW	APPROVED	DATE	APPROVED	DATE	APPROVED	DATE	APPROVED	DATE	DATE	DATE
REVISION	DESCRIPTION	DATE	APPROVED	DATE	APPROVED	DATE	APPROVED	DATE	DATE	DATE



THESE DRAWINGS WERE PREPARED BY BROCKWAY ENGINEERING, PLLC FOR A 50% DESIGN PROJECT TO PROVIDE A GENERAL CONCEPT OF THE PROJECT. NO PART OF THIS DRAWING, FOR ANY PURPOSE, IS TO BE USED FOR CONSTRUCTION OR FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF BROCKWAY ENGINEERING, PLLC.						DESIGNED BY CUB	DRAWN BY KCB	BROCKWAY ENGINEERING, PLLC HYDRAULICS & HYDROLOGICAL WATER RESOURCES 2016 NORTH WASHINGTON, SUITE 4 TWIN FALLS, ID 83401 (208) 736-8513	INTERMOUNTAIN VIPASSANA ASSOCIATION FIRE SYSTEM	PROJECT # 1397-02-2018		
	B	ISSUES FOR CONSTRUCTION	4/12/2020									
	A	ISSUE FOR REVIEW	1/8/2020									
	REV	DESCRIPTION	DATE	APPRO.	REFERENCE DRAWINGS							
								SCALE: 1" = 50' JAN 2020	SITE PLAN	DWG # 1	REV B	

2. FLANGED FITTINGS MAY BE SUBSTITUTED, BUT THRUST BLOCKING SHALL NOT BE ELIMINATED.

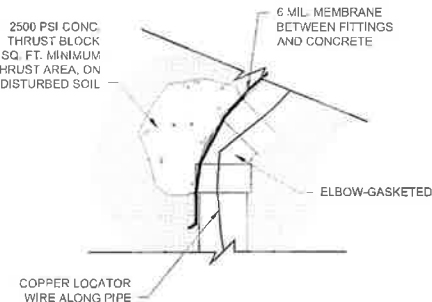


1 3 SCALE: 1/2" = 1'



1 3 SCALE: 3/4" = 1'

2500 PSI CONC.
THRUST BLOCK
X SQ. FT. MINIMUM
THRUST AREA, ON
UNDISTURBED SOIL



8 TYP. THRUST BLOCK DETAIL

SCALE: 1" = 1'



SCALE: 1" = 10'



SCALE: 1" = 10'



1 2 SCALE: 1" = 2'

THIS DRAWING HAS BEEN PREPARED
BY BRUCKWAY ENGINEERING P/LC
FOR A SPECIFIC PROJECT TAKING INTO
ACCOUNT THE SPECIFIC AND UNIQUE
REQUIREMENTS OF THE PROJECT
PRIOR TO THIS DRAWING FOR ANY
FURTHER DEVELOPMENT UNDER
SPECIALISED SUPERVISION FROM THE
DRAWN & ENGINEERING & THE
COURTESY OF THE

										REVISION	DRAWING
										008	US
B A	ISSUED FOR CONSTRUCTION / ISSUE FOR REVIEW			4/17/2020 7/6/2020							
REV	DESCRIPTION		DATE	APPROVED BY	REFERENCE DRAWINGS					SHEET TOTAL	SHEET NUMBER

www.pearsoned.com.au/education

2016 NORTH WASHINGTON, SUITE 4
TWIN FALLS ID. 83301
(208) 736-8513

SECTIONS AND DETAILS 2

PROJECT #
1397-02-2018

DWG #	RE
3	

Idaho Department of Water Resources Receipt

Receipt ID: C112790

Payment Amount	\$100.00	Date Received	5/16/2022	Region	STATE
Payment Type	Check	Check Number	208		
Payer	FLEMING, JOHN C				
Comments	STATEMENT OF COMPLETION FOR SUBMITTING PROOF OF BENEFICIAL USE PERMIT # 29-14207 FOR: INTERMOUNTAIN VIPASSANA ASSN INC				

Fee Details

Amount	Description	PCA	Fund	Fund Detail	Subsidiary	Object
\$100.00	BENEFICIAL USE	56104	0229	21		1155



Signature Line (Department Representative)



BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

October 29, 2018

Mr. Jesse Anglesey, REHS
Southeastern Idaho Public Health
55 East 1st South
Soda Springs, Idaho 83276

Mr. Jesse Bennett, E.I.T.
Idaho Department of Environmental Quality
444 Hospital Way #300
Pocatello, ID 83201

Re: Intermountain Vipassana Association – Completion Report for Public
Drinking Water System

Gentlemen:

This letter will serve as the completion report for the above-referenced transient non-community public water system. Included with this report are the final Operation and Maintenance Manual and as-constructed plans.

Source development and testing

The water supply well was completed on March 23, 2018 to a depth of 104 feet. Water was encountered in alluvium from 47 to 49 feet and in fractured basalt from 49 to 104 feet. A 12-inch hole was drilled from the surface to 58 feet, and an 8-inch hole was drilled below that level into the basalt. 8-inch casing was placed from the surface to 58 feet. A surface seal consisting of pumped cement grout was placed from 58 to 46 feet, followed by a poured bentonite seal from 46 feet to the surface. The static water level was 39 feet below ground after drilling. The well drilling record is included with this report.

A step-drawdown test and 24-hour constant-flow pumping test were conducted from 9:36 am on March 28, 2018 to 11:45 am on March 29, 2018 using a submersible pump and portable generator. At the surface, water discharged through a 3-inch HDPE pipe and the flow rate was regulated with a valve on the pipe. The flow rate was measured with a Fuji Portaflow X portable flow meter, last calibrated in March 2018. Water level in the well was measured manually with an electric probe and continuously using a Hobo U20 water level logger. Static water level prior to the test was 37.96 feet below ground surface. The results of the pumping test are included with this report. The well was found to be an excellent producer, yielding 108 gpm with a stable drawdown of 1.4 feet, for a specific capacity of 77 gpm/foot. This rate significantly exceeds the design rate of the well, and therefore the source is an adequate and sustainable supply for the system.

CHARLES E.
BROCKWAY,
PH.D., P.E.

CHARLES G.
BROCKWAY,
PH.D., P.E.

2016 NORTH
WASHINGTON
STREET • SUITE 4

TWIN FALLS,
IDAHO 83301

208•736•8543

FAX: 736•8506

Using the Theis method with correction for partial penetration (Bradbury and Rothschild, 1985), the estimated aquifer hydraulic conductivity is 309 ft/day. The projected drawdown in the pumping well with 7 days of continuous pumping at the peak hour design rate of 47 gpm (an ultra-conservative assumption) is 0.7 feet, and the projected drawdown in the aquifer is 0.09 feet at 500 feet from the well and 0.02 feet at 0.25 miles from the well. These drawdowns are minimal and will not adversely affect any nearby well.

Pumped water had a measured temperature of 53°F, and was completely free of sand or other visible particulates. Water samples were collected near the end of the 24-hour test and submitted to Magic Valley Laboratories within 24 hours. The samples were tested for a parameter suite which exceeded the regulatory requirement for transient non-community systems, but did not include VOCs, SOCs, or radiologicals. Laboratory reports are included with this report. Water quality was found to be excellent. Nitrate-nitrogen concentration was 1.14 mg/l, arsenic was 0.001 mg/l, barium was 0.09 mg/l, selenium was 0.001 mg/l, sodium was 14 mg/l, and all other tested parameters were non-detect, including total coliform.

Based on the pumping test and water quality tests, the source is suitable for the proposed usage.

System construction

The wellhouse and distribution system was constructed in accordance with the approved plans and specifications. Regular inspections of the system construction were made by Brockway Engineering or its designees. Deviations from the plans included removing the fire cistern, a small shift in one water line location near the east side of the system, the addition of two (2) isolation valves, slight reconfiguration of the wellhouse piping, and a refinement of the service connection size to reflect the relative demand for each particular building. All deviations have been incorporated into the as-built plan set. In summary, the system as constructed appears to meet all engineering requirements and appurtenant regulations.

Pressure testing, flushing, and disinfection

The system was pressure tested on August 28, 2018 in accordance with ISPOC procedures as outlined in the project specifications. The system was pressurized to 180 psi at the wellhouse to maintain an average pressure in the

system of 150 psi, and the amount of water needed to be injected to maintain this pressure for two hours was measured. Based on the ISPWC formula, the allowable leakage in 2 hours is 1.12 gallons. Actual measured injection was 0.64 gallons, about half of the allowable.

The system was flushed and disinfected on October 2, 2018 by injecting a solution of 12.5% sodium hypochlorite solution at the wellhouse until a minimum of 100 mg/l was achieved throughout the system. The solution was verified to be NSF-60 certified. After holding for 3 hours, the system was completely flushed of chlorinated solution. Water samples were taken at the flushing hydrant and at the wellhouse on October 2. 24 hours later on October 3, samples were collected from the same locations. Testing of the samples by IAS Envirochem in Pocatello, Idaho indicated absence of total coliform in all samples. Laboratory reports are included with this report.

In summary, the source and system appear to meet engineering and regulatory requirements, and it is recommended that the system be approved to serve the public. Please do not hesitate to contact me if any questions arise.

Cordially,



Charles G. Brockway, P.E.

Enc. As-built plans
 Final OMM
 Well drilling record
 Pumping test results
 Aquifer analyses
 Water quality laboratory reports

cc: Brett Morris



IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Well Tag No. **DD176607**

Drilling Permit No. _____

As Drilled Location **28-14227**

Owner **VIPASSANA**

Name _____

Address **P.O. BOX 5552**

City **KETCHUM**

State **ID**

Zip **83840**

Well Location:

Tap **8** North ☒ or South ☐ Rgs. **38** East ☐ or West ☐
Sec **15** T4 **NW** T4 **SW** T4

Gov't Lot _____

County _____

Lat. **42**

38.3307

(Deg. and Decimals listed)

Long. **112**

-100.2088

(Deg. and Decimals listed)

Address of Well Site **8414 BLAZER HWY. APPROX.**

City **LAVA HOT SPRINGS**

Name of State Dept. of Water Resources or other agency

Lot _____

BLK. _____

Sub Name _____

4. USE:

☐ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other _____

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other **PUBLIC WATER SUPPLY**

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cables ☐ Other _____

7. SEALING PROCEDURES:

Sealant	From (ft)	To (ft)	Quantity (lb or gal)	Remarks
BENTONITE	0	43	1700 lbs	OVERBORE
CEMENT	43	58	3/4 yard	PRESSURE GROUT

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
8"	+2.5'	58'	.322	STEEL	☒	☐	☒
					☐	☐	☐
					☐	☐	☐
					☐	☐	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) **58"**

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☐ Y ☒ N T, ps _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number	Diameter (nominal)	Material	Gauge or Schedule

Length of Headpipe _____

Length of Tailpipe _____

Reel ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lb or ft ³)	Remarks/Method

11. FLOWING ARTESIAN:

Flowing Artesian ☐ Y ☒ N Artesian Pressure (PSI) _____

Describe control device _____

12. STATIC WATER LEVEL AND WELL TESTS:

Depth from water encountered (ft) **47** Static water level (ft) **59'**

Water table (ft) **52**

Bottom hole static (ft) _____

Describe access point **WELL CAP**

Well Test	Discharge (GPM)	Test Duration (hours)	Flow Rate (GPM)	Static Level (ft)	Flow Rate (GPM)	Static Level (ft)
1.5'	133 GPM	24 HOURS	☒	☐	☐	☐

Water quality test or comments: **CLEAN AND COLD**

13. LITHOLOGIC LOG and/or repairs or abandonment:

Core Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water
12"	0	7	BROWN SANDY CLAY	X
12"	7	28	BROWN CLAYSTONE	X
12"	28	47	BROWN CLAY	X
12"	47	49	BROKEN LAVA + CLAY	X
12"	49	58	LAVA ROCK	X
8"	58	66	LAVA ROCK	X
8"	66	72	FRACTURED LAVA ROCK	X
8"	72	79	BROKEN RHYOLITE	X
8"	79	86	LAVA ROCK	X
8"	86	87	FRACTURED LAVA ROCK	X
8"	87	91	LAVA ROCK	X
8"	91	92	FRACTURED LAVA ROCK	X
8"	92	99	LAVA ROCK	X
8"	99	104	FRACTURED LAVA ROCK	X

Completed Depth (Assurable) **104**

Date Started **03/13/2018**

Date Completed **03/23/2018**

14. DRILLER'S CERTIFICATION:
(We certify that all minimum well construction standards were complied with at the time the rig was removed.)

Company Name **VOLLMEYER WELL DRILLING** Co. No. **388**

Principal Officer _____ Date **04/02/2018**

Operator _____ Date _____

Operator _____ Date **04/02/2018**

Operator _____ Date _____

Operator _____ Date _____

Operator _____ Date _____

Operator _____ Date _____

Operator _____ Date _____

Operator _____ Date _____

Operator _____ Date _____

Operator _____ Date _____

Operator _____ Date _____

Operator _____ Date _____

Operator _____ Date _____

Operator _____ Date _____

Vipassana Center
 24 Hour Test Water Level Measurement
 Brockway Engineering
 GWS

Distance from Measurement Point and Ground Level 3.5 Feet

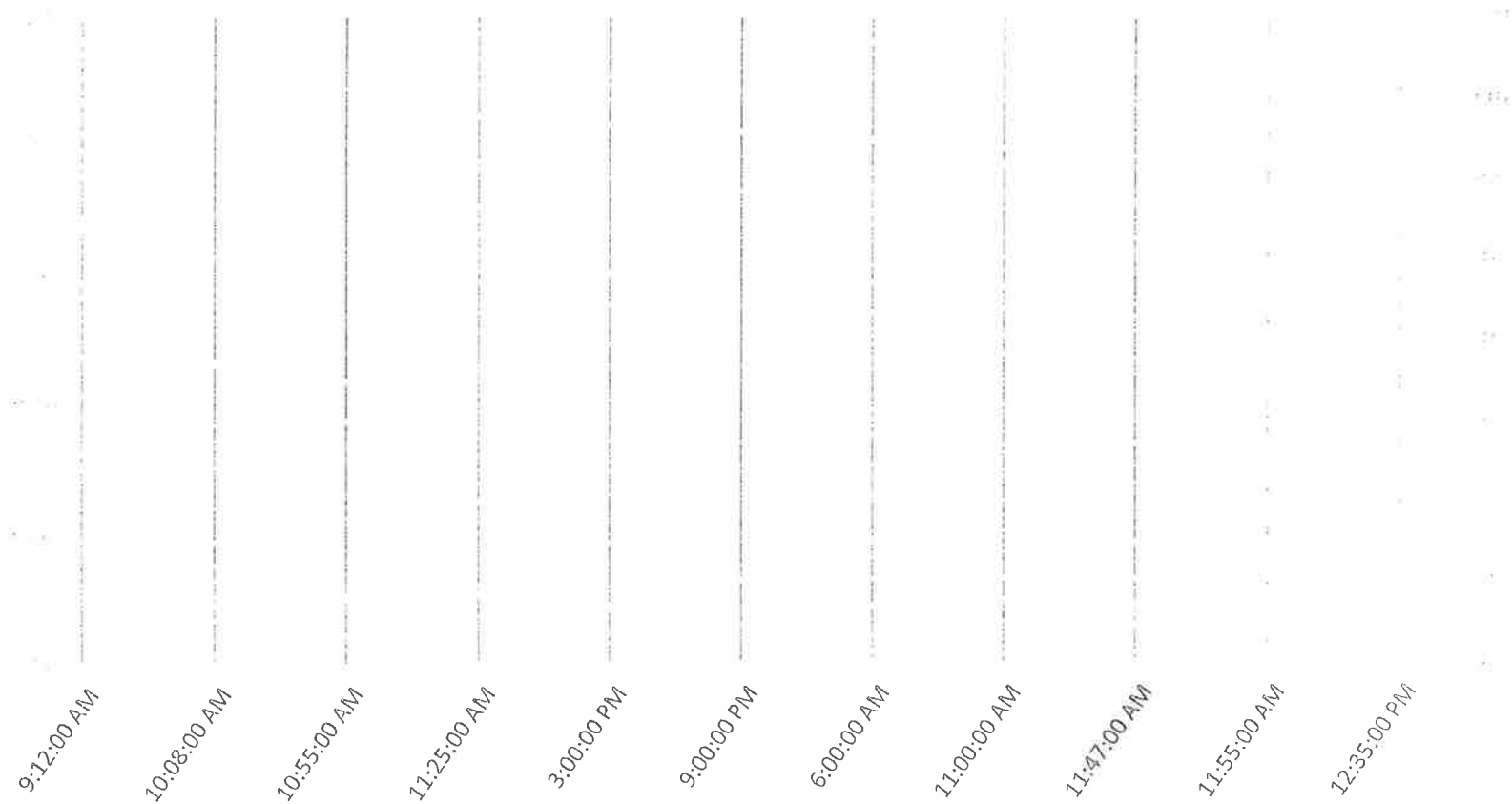
Time	Measurement	SWL (ft)	Flow (gpm)		Temp (°F)	
			Recorded	Estimate		
9:12 AM 3/28/18	41.46	37.96		55.0		
9:36 AM 3/28/18						
9:37 AM 3/28/18	41.75	38.25	55.0	55.0	52.4	Joe's Thermometer
9:41 AM 3/28/18	41.8	38.30		55.0		
9:48 AM 3/28/18	41.83	38.33	56.0	55.0	53.5	Brockway's Thermometer
9:58 AM 3/28/18	41.83	38.33		55.0		
10:08 AM 3/28/18	41.85	38.35	55.1	55.1		
10:10 AM 3/28/18	41.99	38.49	75.0	75.0	53.5	Brockway's Thermometer
10:14 AM 3/28/18	42.01	38.51		75.0		
10:23 AM 3/28/18	42.03	38.53		75.0	53.5	Brockway's Thermometer
10:40 AM 3/28/18	42.05	38.55		75.0		
10:47 AM 3/28/18	42.06	38.56		75.0		
10:55 AM 3/28/18	42.07	38.57		75.0		
10:56 AM 3/28/18	42.28	38.78	107.0	107.0		
10:58 AM 3/28/18	42.31	38.81		107.0		
11:00 AM 3/28/18	42.33	38.83		107.0	53.2	Brockway's Thermometer
11:03 AM 3/28/18			108.0	108.0		
11:11 AM 3/28/18	42.36	38.86		107.8		
11:25 AM 3/28/18	42.39	38.89		107.7	53.4	Brockway's Thermometer
11:36 AM 3/28/18	42.4	38.90		107.5		
11:45 AM 3/28/18	42.41	38.91		107.3		
12:00 PM 3/28/18	42.43	38.93		107.2	52.2	Joe's Thermometer
1:00 PM 3/28/18	42.48	38.98		107.0	52.3	Joe's Thermometer
2:00 PM 3/28/18	42.52	39.02		106.8	52.3	Joe's Thermometer
3:00 PM 3/28/18	42.55	39.05		106.7	52.0	Joe's Thermometer
4:00 PM 3/28/18	42.58	39.08		106.5	52.2	Joe's Thermometer
5:00 PM 3/28/18	42.6	39.10		106.3	52.2	Joe's Thermometer
6:00 PM 3/28/18	42.63	39.13		106.2	52.2	Joe's Thermometer
7:00 PM 3/28/18	42.65	39.15		106.0	52.2	Joe's Thermometer
8:00 PM 3/28/18	42.68	39.18		105.8	52.2	Joe's Thermometer
9:00 PM 3/28/18	42.68	39.18		105.7	52.2	Joe's Thermometer
10:00 PM 3/28/18	42.7	39.20		105.5	52.2	Joe's Thermometer
11:00 PM 3/28/18	42.71	39.21		105.3	52.2	Joe's Thermometer
12:00 AM 3/29/18	42.73	39.23		105.2	52.2	Joe's Thermometer
2:00 AM 3/29/18	42.75	39.25		105.0	52.2	Joe's Thermometer
4:00 AM 3/29/18	42.77	39.27		104.8	52.2	Joe's Thermometer
6:00 AM 3/29/18	42.79	39.29		104.7	52.2	Joe's Thermometer
7:00 AM 3/29/18	42.8	39.30		104.5	52.2	Joe's Thermometer

Vipassana Center
 24 Hour Test Water Level Measurement
 Brockway Engineering
 GWS

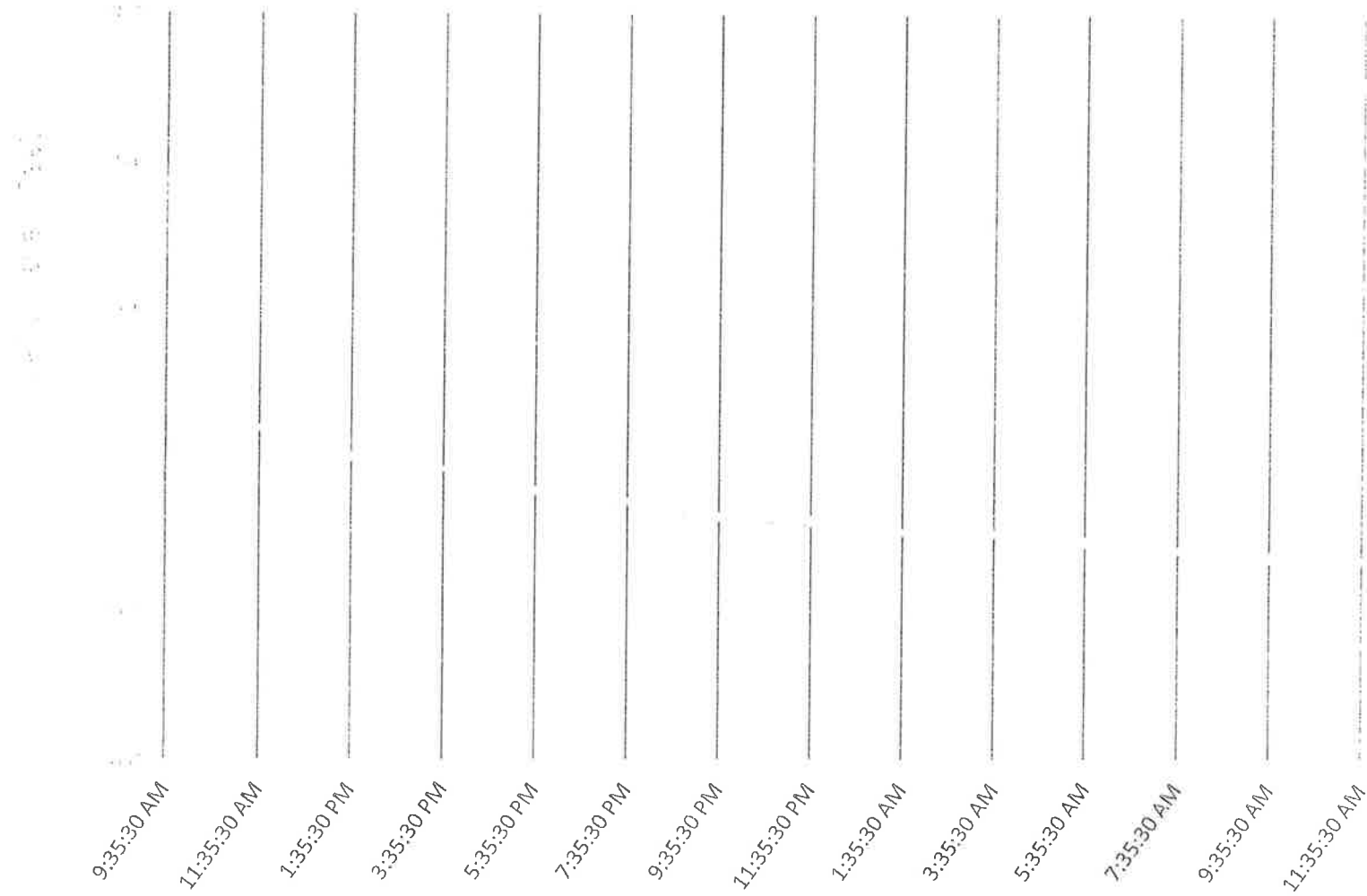
Distance from Measurement Point and Ground Level 3.5 Feet

Time	Measurement	SWL (ft)	Flow (gpm)		Temp (°F)	
			Recorded	Estimate		
8:00 AM 3/29/18	42.82	39.32		104.3	52.2	Joe's Thermometer
9:00 AM 3/29/18	42.83	39.33		104.2	52.2	Joe's Thermometer
10:00 AM 3/29/18	42.83	39.33		104.0	52.2	Joe's Thermometer
10:25 AM 3/29/18	42.83	39.33		103.8	53.3	Brockway's Thermometer
11:00 AM 3/29/18			100.7	103.7		
11:06 AM 3/29/18	42.84	39.34	103.5	103.5	53.4	Brockway's Thermometer
11:42 AM 3/29/18			103.9	103.9		
11:45 AM 3/29/18	42.84	39.34				
11:45 AM 3/29/18	42.2	38.70				
11:46 AM 3/29/18	42.15	38.65				
11:47 AM 3/29/18	42.15	38.65				
11:48 AM 3/29/18	42.13	38.63				
11:50 AM 3/29/18	42.11	38.61				
11:51 AM 3/29/18	42.1	38.60				
11:53 AM 3/29/18	42.08	38.58				
11:54 AM 3/29/18	42.07	38.57				
11:55 AM 3/29/18	42.07	38.57				
12:00 PM 3/29/18	42.03	38.53				
12:05 PM 3/29/18	42.02	38.52				
12:10 PM 3/29/18	42.01	38.51				
12:15 PM 3/29/18	41.99	38.49				
12:25 PM 3/29/18	41.97	38.47				
12:35 PM 3/29/18	41.95	38.45				
12:45 PM 3/29/18	41.93	38.43				

Vipassana New Well 24 Hour Pump Test - Manual Readings



Vipassana New Well 24 Hour Pump Test - Transducer Readings



Transmissivity Estimation with Partial Penetration

Bradbury and Rothschild (1985) specific capacity method.

Suitable for situations where a single time and drawdown measurement is available.

Includes effects of partial penetration using Sternberg (1973) approach.

Enter data in blue, pay attention to units.

Well:	Vipassana PWS Source Well	
Well pumping rate	20791.44 [gpm]	20791.44 ft3/d
Drawdown	1.1 [ft]	
Time	1440 [minutes]	1 days
Well radius	4 [inches]	0.333333 feet
Storativity	0.05 [unitless]	
Aquifer thickness	85 [ft]	
Open interval	85 [ft]	

Calculations:

Specific capacity	77.14286 [gpm/ft]
L/b	0.964912
G	2.301186
sp	0.10329

Trial T	17594.0 [ft2/d]	← Trial T is initial estimate of Calc T
Calc T	17593.8 [ft2/d]	
Calc K	308.7 [ft/d]	

WELL DRAWDOWN ESTIMATION
VIPASSANA PWS WELL
10/29/2018

Drawdown estimated using Theis approach
Brockway Engineering, PLLC

Hydraulic conductivity	309 ft/day	Average		
Saturated thickness	55 feet	Pumping rate	0.105 cfs or	47 gpm
Transmissivity	127123 gpd/ft			
Storage coefficient	0.15			
Pumping time	168 hrs			

Time (days)	(hrs)	R = 0.5 feet (in well)			R = 500 feet			R = 1320 feet		
		u	W(u)	z (feet)	u	W(u)	z (feet)	u	W(u)	z (feet)
0.0	0	--	--	0.00	--	--	0.00	--	--	0.00
0.3	7	1.9E-06	12.601	0.53	1.9E+00	0.057	0.00	1.3E+01	0.000	0.00
0.6	14	9.5E-07	13.294	0.56	9.5E-01	0.241	0.01	6.6E+00	-0.001	0.00
0.9	21	6.3E-07	13.700	0.58	6.3E-01	0.428	0.02	4.4E+00	0.002	0.00
1.2	28	4.7E-07	13.987	0.59	4.7E-01	0.594	0.03	3.3E+00	0.009	0.00
1.5	35	3.8E-07	14.210	0.60	3.8E-01	0.740	0.03	2.6E+00	0.021	0.00
1.8	42	3.2E-07	14.393	0.61	3.2E-01	0.869	0.04	2.2E+00	0.037	0.00
2.0	49	2.7E-07	14.547	0.62	2.7E-01	0.984	0.04	1.9E+00	0.058	0.00
2.3	56	2.4E-07	14.680	0.62	2.4E-01	1.088	0.05	1.6E+00	0.081	0.00
2.6	63	2.1E-07	14.798	0.63	2.1E-01	1.182	0.05	1.5E+00	0.105	0.00
2.9	70	1.9E-07	14.904	0.63	1.9E-01	1.269	0.05	1.3E+00	0.132	0.01
3.2	77	1.7E-07	14.999	0.64	1.7E-01	1.348	0.06	1.2E+00	0.159	0.01
3.5	84	1.6E-07	15.086	0.64	1.6E-01	1.422	0.06	1.1E+00	0.186	0.01
3.8	91	1.5E-07	15.166	0.64	1.5E-01	1.491	0.06	1.0E+00	0.214	0.01
4.1	98	1.4E-07	15.240	0.65	1.4E-01	1.555	0.07	9.4E-01	0.242	0.01
4.4	105	1.3E-07	15.309	0.65	1.3E-01	1.616	0.07	8.8E-01	0.270	0.01
4.7	112	1.2E-07	15.374	0.65	1.2E-01	1.673	0.07	8.2E-01	0.298	0.01
5.0	119	1.1E-07	15.434	0.65	1.1E-01	1.727	0.07	7.8E-01	0.325	0.01
5.3	126	1.1E-07	15.491	0.66	1.1E-01	1.778	0.08	7.3E-01	0.352	0.01
5.5	133	1.0E-07	15.545	0.66	1.0E-01	1.827	0.08	6.9E-01	0.378	0.02
5.8	140	9.5E-08	15.597	0.66	9.5E-02	1.874	0.08	6.6E-01	0.404	0.02
6.1	147	9.0E-08	15.646	0.66	9.0E-02	1.918	0.08	6.3E-01	0.430	0.02
6.4	154	8.6E-08	15.692	0.66	8.6E-02	1.961	0.08	6.0E-01	0.455	0.02
6.7	161	8.2E-08	15.737	0.67	8.2E-02	2.002	0.08	5.7E-01	0.480	0.02
7.0	168	7.9E-08	15.779	0.67	7.9E-02	2.041	0.09	5.5E-01	0.504	0.02
7.3	175	7.6E-08	15.820	0.67	7.6E-02	2.079	0.09	5.3E-01	0.528	0.02



IDAHO DEPARTMENT OF
WATER RESOURCES

322 E Front Street, Suite 648, Boise ID 83702 • PO Box 83720, Boise ID 83720-0098
Phone: 208-287-4800 • Fax: 208-287-6700 • Email: idwrinfo@idwr.idaho.gov • Website: idwr.idaho.gov

Governor Brad Little

Director Gary Spackman

May 20, 2022

INTERMOUNTAIN VIPASSANA ASSN INC
8414 S BLAZER HWY
LAVA HOT SPGS ID 83246-1540

PROOF ACKNOWLEDGEMENT LETTER

RE: Permit Nos. 29-14207 and 29-14208

Dear Permit Holder:

The Department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the Department to conduct a field examination to determine and confirm the use being made of the water.

Please be advised that Idaho Code § 42-248, requires you or the owner of this water right to maintain current ownership and address records on file with the Department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any Department office or at the Department's website at www.idwr.idaho.gov.

If you have any questions concerning the field examination, please contact the Eastern Region Office of the Department located in Idaho Falls at (208) 525-7161.

Sincerely,

Debbi Judd
Technical Records Specialist

Enclosures

c: BROCKWAY ENGINEERING PLLC – *via email*