STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 57-11882
Exam Date: 03/20/2024

1. Current Owner:
NORTHWEST FARM CREDIT SERVICES FLCA 16034 EQUINE DR NAMPA ID 83687-8490 AND
DAY RIDGE LLC AND WLC TRUST 909 N ROBINSON BLVD NAMPA ID 83687-9511 AND
NORTHWEST FARM CREDIT SERVICES PCA 913 N ROBINSON BLVD NAMPA ID 83687-9511

2. Accompanied by: John Peterson
Phone No: (208) 473-8642
Relationship to permit Holder: **Feedlot Manager**

3. **SOURCE:**
GROUND WATER

Method of Determination: ArcMap and Field Exam Observation

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
57-2214	Ground Water	Stockwater & Domestic	Decreed
57-2215	Ground Water	Stockwater	Decreed
57-2303	Ground Water	Stockwater	Decreed
57-7227	Ground Water	Stockwater	Decreed

Comments: All water rights are combined into a single distribution system.

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
57-2214	Ground Water	Stockwater & Domestic	Decreed
57-2215	Ground Water	Stockwater	Decreed
57-2303	Ground Water	Stockwater	Decreed
57-7227	Ground Water	Stockwater	Decreed

Comments: All POD's are combined into a single distribution system.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
GROUND WATER L2 (SE¼ NE¼), Sec. 9, Twp 01S, Rge 03W, B.M. OWYHEE County
GROUND WATER SW¼ NE¼, Sec. 9, Twp 01S, Rge 03W, B.M. OWYHEE County
GROUND WATER SE¼ NW¼, Sec. 9, Twp 01S, Rge 03W, B.M. OWYHEE County
GROUND WATER NE¼ NW¼, Sec. 10, Twp 01S, Rge 03W, B.M. OWYHEE County
GROUND WATER NW¼ NW¼, Sec. 10, Twp 01S, Rge 03W, B.M. OWYHEE County
GROUND WATER NW¼ NW¼, Sec. 10, Twp 01S, Rge 03W, B.M. OWYHEE County

Method of Determination: **ArcMap and field exam observations**

PLACE OF USE: STOCKWATER

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01S	03W	9	X L1		X	X L2				X	X					X			
01S	03W	10					X	X	X										

Method of Determination:

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.
X Indicate weir size/pipe as applicable.

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be
X 1:24,000 or greater.

X Aerial Photo Attached (required for irrigation of 10+ acres).

X Photo of Diversion and System Attached

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Portable flow meter	**Polysonic**	**GE**	**PT878**	**04031**		**April 2023**

2. Measurements: A flow measurement of 0.44 cfs was recorded on the flow meter.

E. VOLUME CALCULATIONS

1. **Volume Calculations:** Volume calculations based on a herd size of 30,310 cows (per John Peterson/ "Condensed Daily Yardsheet")

   30,310 cows x 12 gpd x 365 days = 407.4 AF

   Permit 57-11882 was authorized (condition X35) for a maximum annual volume of up to **402.0 AF**

F. NARRATIVE/REMARKS/COMMENTS

On March 20, 2024, IDWR employees Benny Walker and Jana Reeder performed a field exam for stockwater permit 57-11882 at the Day Ridge LLC feedlot located approximately 8.2 miles southwest of Melba in Owyhee County. The feedlot has historically been operated with four water rights that are authorized for the combined diversion of 2.3 cfs and 201.0 AF from four wells with a fifth well added via Transfer # 82308 approved in November 2018. In 2016, Application for Permit 57-11882 was filed to increase cow numbers at the feedlot. The application proposed drilling two new wells (from a possible nine different locations) and adding up to 4.5 cfs of additional water to the existing distribution system. Permit 57-11882 was approved in 2017, allowing for an increase in water diversion and limited the permit and the four existing rights to a maximum combined total of 6.8 cfs and 402.0 acre-feet.

During the March 20, 2024, field exam, Benny Walker and Jana Reeder were accompanied by John Peterson, the facility manager, and he showed them the developed system associated with the permit. This field exam validates that the distribution system consists of a total of six interconnected wells. The best producing well, according to the facility manager, was measured during the exam. A flow rate measurement of 0.44 cfs was recorded with a General Electric Panametrics polysonic flow meter model PT878.

Both during, and after, the field exam, Benny Walker had multiple conversations with John Peterson pertaining to filing an amendment of permit to cover some additional existing commercial-type water uses at the feedlot for such things as dust abatement, truck washing, employee water use, etc. An amendment for commercial use would require converting some of the permitted stockwater use. In early summer of 2024, Benny Walker and Corey Skinner, IDWR Southern Region Manager, spoke with John Peterson regarding possible options for licensing permit 57-11882, including the possibility of converting a portion of the stockwater to commercial use. John Peterson indicated that he would have to discuss the options with the owners of the facility and would get back with IDWR. On September 23, 2004, John Peterson spoke with Corey Skinner, IDWR Southern Region Manager, and indicated the owners preferred to "max out the stockwater...don't worry about the commercial uses" and they "will pursue additional water rights".

John Peterson provided information indicating that the feedlot runs 30,310 head of livestock at the facility. IDWR Water Use Information for stock watering, for non-dairy cattle, indicates an average of 12 gallons of water per cow per day. For 30,310 head of cattle, that equates to 407.4 AF of water use per year at the feedlot. As mentioned above, a maximum recorded water measurement indicated a flow rate of 0.44 cfs. The 0.44 cfs flow rate, extrapolated to all six wells, results in a combined flow rate of 2.64 cfs. As noted in the first paragraph, water permit 57-11882 was conditioned so that when used in combination with the four existing water rights, all five rights are limited to a combined total of 6.8 cfs and an annual volume of 402.0 acre-feet.

I recommend licensing water permit 57-11882 for a flow rate of 2.64 cfs and an annual volume of 402.0 AF. I also recommend the same 2.64 cfs and the same 402.0 AF annual volume when 57-11882 is combined with 57-2214, 57-2215, 57-2303, and 57-7227.

Have conditions of permit approval been met? __X__ Yes ____ No

G. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Diversion	Volume
STOCKWATER	01/01 to 12/31	2.64 CFS	402.0 AF
	Totals:	**2.64 CFS**	**402.0 AF**

2. Recommended Amendments

____ Change P.D. as reflected above ____ Add P.D. as reflected above __X__ None

____ Change P.U. as reflected above ____ Add P.U. as reflected above __X__ None

H. AUTHENTICATION

Kent Aasa - Water Resource Agent, Senior

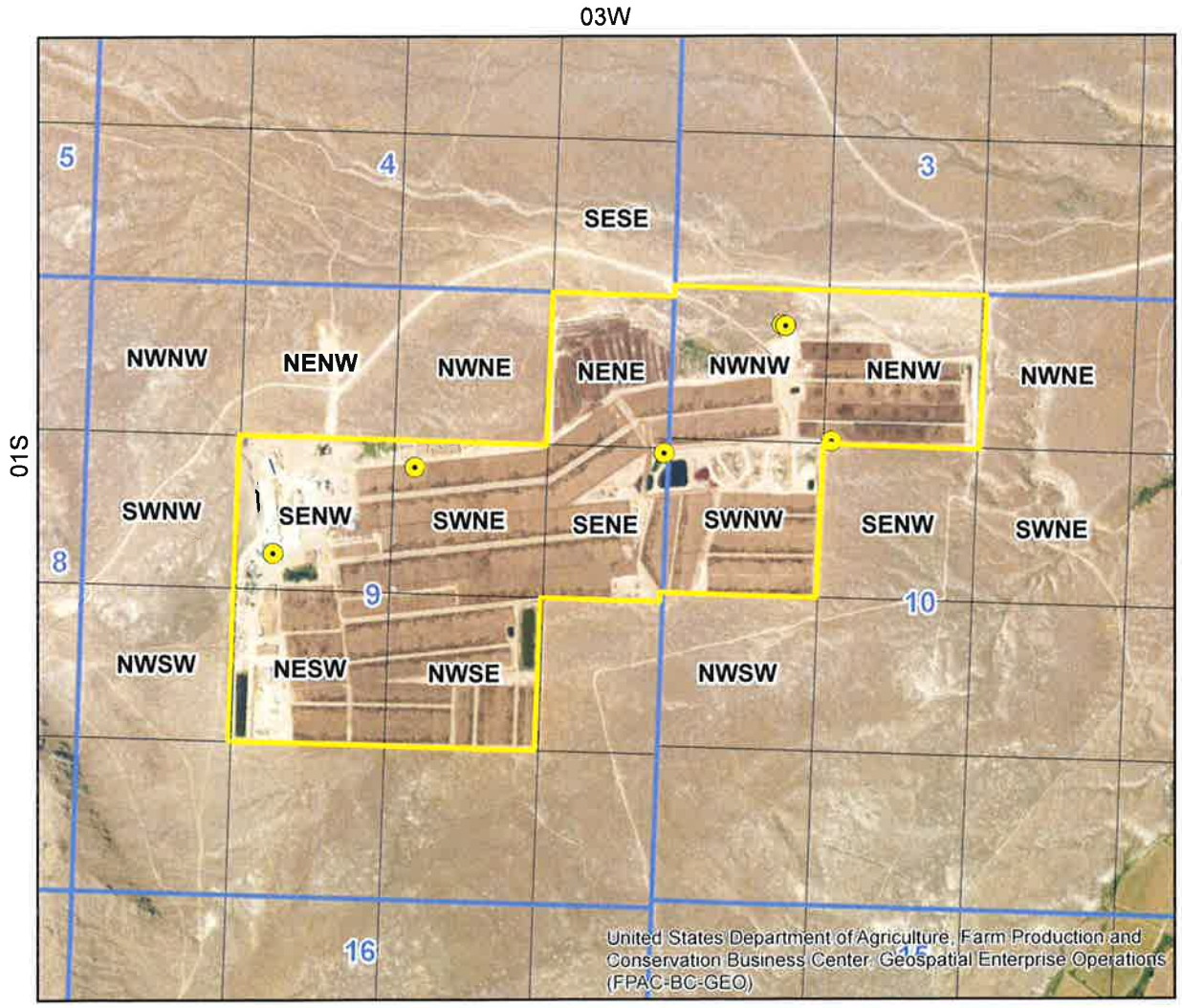
Field Examiner's Name _____ Date 04-30-2025

Reviewer _____ Date 4/30/2025

State of Idaho
Department of Water Resources

Water Right

57-11882



0 0.175 0.35 0.7 Miles

Place Of Use Boundary
Point of Diversion
State Outline
Townships
PLS Sections
Quarter Quarters

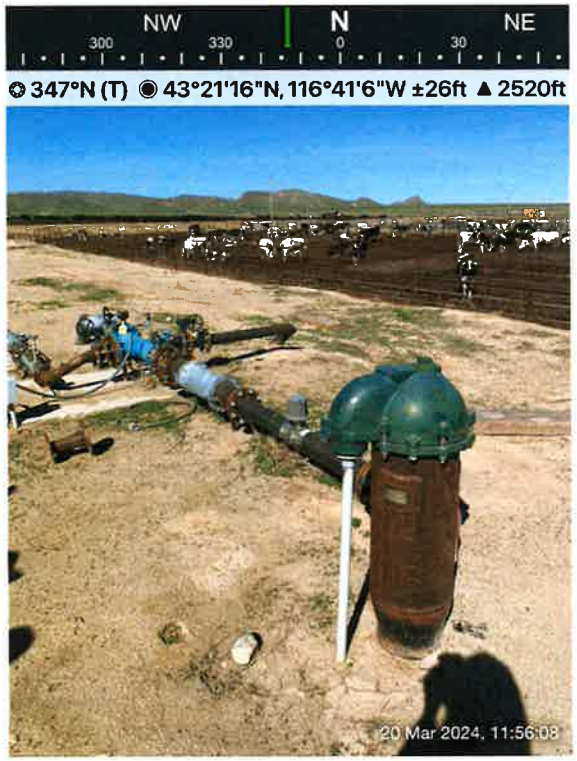
N

57-11882 Two POD's

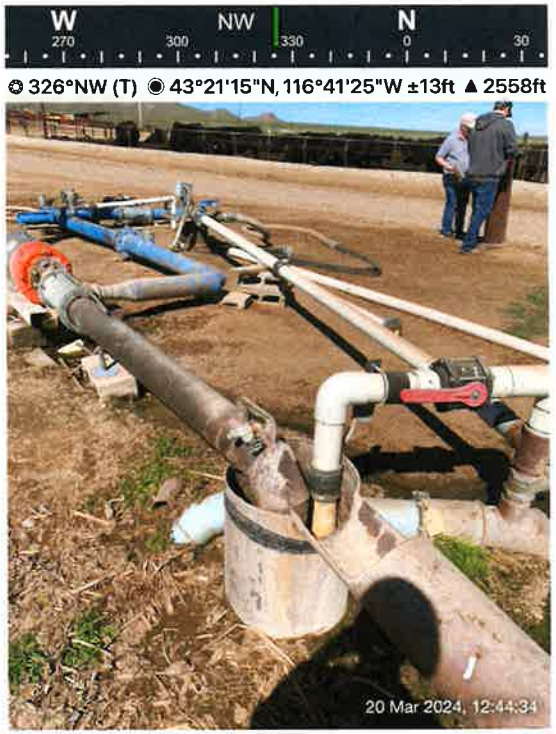
01S 03W Sec10 NWNW

Field Exam 57-11882

57-11882 PODs



NENW SEC 10



SENE SEC 09

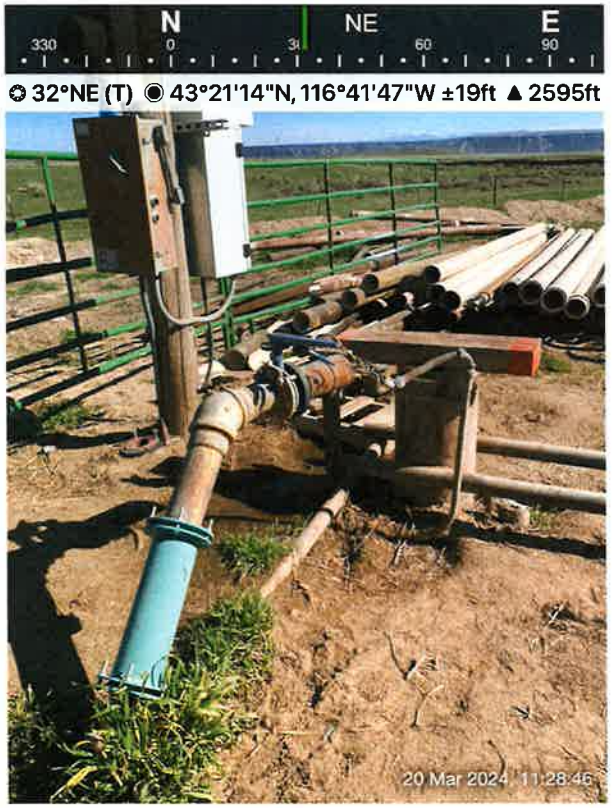
Field Exam 57-11882

57-11882 POD

SENW SEC 09

Field Exam 57-11882

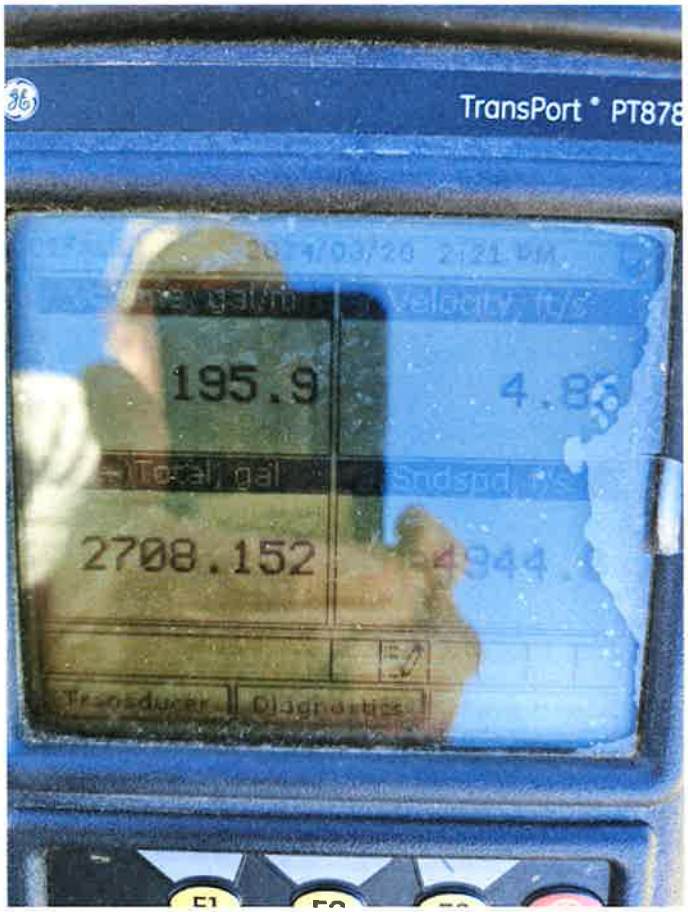
57-11882 POD



SWNE SEC 09

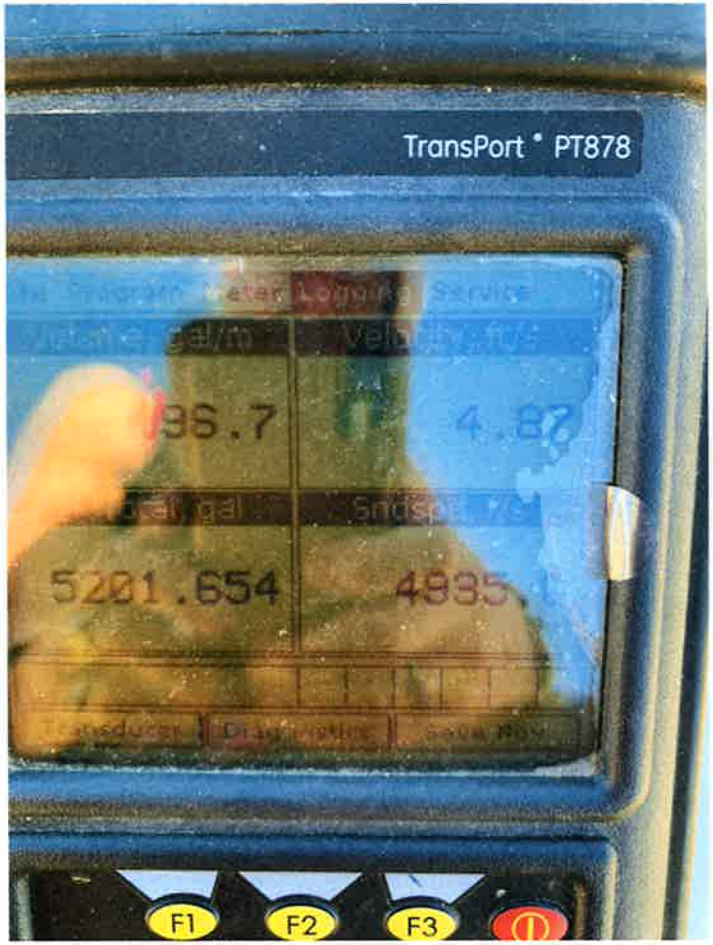
Field Exam 57-11882

57-11882 FLOW METER



Field Exam 57-11882

57-11882 FLOWMETER



Field Exam 57-11882

57-11882 POU

Field Exam 57-11882

57-11882 POU

Field Exam 57-11882

File Title:	Main Dairy Well
File Name:	Log 5
Start Time:	45371.60
End Time:	45372.60
Interval:	60.00
Records:	13.00
Cyclic Flags:	2.00
Error Flags:	8208.00

"Best well" 3/20/24 measurement produces 0.44 cfs measured with Parshall

Date/Time	Velocity (ft/s)	Volume (gal/m)	(+)Total (gal)	Error #
3/20/2024 14:20	4.88	197.2357735	2324.65	0
3/20/2024 14:21	4.87	196.6923015	2520.88	0
3/20/2024 14:22	4.85	196.0522061	2716.37	0
3/20/2024 14:23	4.87	196.7725726	2912.58	0
3/20/2024 14:24	4.89	197.3366389	3108.94	0
3/20/2024 14:25	4.87	196.6654922	3305.46	0
3/20/2024 14:26	4.86	196.4512409	3513.12	0
3/20/2024 14:27	4.88	197.2743006	3698.42	0
3/20/2024 14:28	4.86	196.4603292	3906.55	0
3/20/2024 14:29	4.86	196.4644931	4090.86	0
3/20/2024 14:30	4.86	196.2371956	4298.27	0
3/20/2024 14:31	4.87	196.732663	4493.96	0
3/20/2024 14:32	4.85	196.0638082	4689.77	0

197.36 Gpm

0.44 cfs

12,780 EW pens

CONDENSED DAILY YARDSHEET

03/19/2024

Owner	Pen	Lot	Sex	In Date	In Pw	Cur Wt	Cur Dof	In Hd	In Pen	In Hosp	In Bulr	Real	Dead	Ship	CONSUMPTION Ratn	7 Dy	LTD	LTD ROG	ESTIMATED SHIP Date	Weight
AB GENETICS	S001	9425	KS	05/18/23	607	1,404	306	166	159	3	0	0	1	3	5W	19.75	18.39	2.56		0
AB GENETICS	S002	9392	KH	02/21/23	570	1,473	392	151	148	0	0	0	1	2	5W	18.01	17.33	2.27		0
AB GENETICS	S003	9378	KH	11/04/22	608	1,548	501	136	135	0	0	0	1	0	5W	17.79	16.35	1.81		0
AB GENETICS	S004	9420	KH	08/29/23	740	1,225	203	225	222	1	0	0	2	0	5W	17.24	16.98	2.35		0
AB GENETICS	S005	9406	KH	04/26/23	575	1,332	328	157	154	1	0	0	1	1	5W	16.42	16.65	2.31		0
AB GENETICS	S006	9426	KH	12/27/23	884	1,058	83	141	139	0	0	0	0	2	5W	16.78	14.41	1.77		0
AB GENETICS	S007	9380	KH	12/09/22	626	1,555	466	150	146	0	0	0	3	1	5W	18.23	16.81	1.96		0
AB GENETICS	S008	9407	KS	01/02/23	480	1,622	442	136	127	0	0	0	2	7	5W	18.58	18.57	2.26		0
AB GENETICS	T027	9376	KH	10/02/22	629	1,631	534	191	183	0	0	0	3	5	5W	15.97	17.21	1.90		0
AB GENETICS	T029	9399	KS	11/18/22	607	1,544	487	169	160	0	0	0	4	5	5W	16.29	16.76	1.99		0
AB GENETICS	T030	9368	KH	09/04/22	630	1,652	562	201	197	0	0	0	3	1	5W	17.80	16.98	1.85		0
AB GENETICS 8505	T031	9368	KH	09/04/22	630	1,668	562	200	193	1	0	0	3	3	5W	17.57	17.27	1.88		0
AB GENETICS	T032	9368	KH	09/04/22	630	1,642	562	200	193	0	0	0	6	1	5W	17.19	16.89	1.83		0
AB GENETICS	U001	9431	AS	06/26/23	667	1,324	267	162	157	0	0	0	1	4	5W	18.99	17.66	2.46		0
AB GENETICS	U002	9429	KS	06/27/23	644	1,301	266	150	149	0	0	0	0	1	5W	16.81	17.34	2.43		0
AB GENETICS	U003	9388	KH	01/21/23	630	1,518	423	150	148	0	0	0	2	0	5W	16.92	17.10	2.07		0
AB GENETICS	U004	9443	KS	11/11/23	798	1,125	129	227	226	1	0	0	0	0	5W	17.47	16.17	2.42		0
AB GENETICS	U005	9378	KH	11/04/22	608	1,593	501	151	146	0	0	0	4	1	5W	15.38	17.11	1.97		0
AB GENETICS	U006	9378	KH	11/04/22	608	1,548	501	150	144	0	0	0	4	2	5W	16.64	16.42	1.82		0
AB GENETICS	U007	9439	KS	10/05/23	851	1,260	166	134	134	0	0	0	0	0	5W	18.26	17.50	2.30		0
AB GENETICS	U008	9425	KS	05/18/23	607	1,378	306	165	160	0	0	0	3	2	5W	16.40	17.58	2.49		0
AB GENETICS	V001	9439	KS	10/05/23	851	1,019	166	245	242	0	0	0	2	1	5W	17.70	17.12	2.62		0
AB GENETICS	V002	9425	KS	05/18/23	607	1,357	306	241	238	0	0	0	3	0	5W	16.69	17.96	2.54		0
AB GENETICS	V003	9399	KS	11/18/22	607	1,634	487	254	245	0	0	0	6	3	5W	17.09	17.98	2.06		0
AB GENETICS	V004	9424	KH	12/14/23	910	1,061	96	1	1	0	0	0	0	0	5W	14.20	14.64	1.81		0
AB GENETICS	V004	9426	KH	12/27/23	884	1,061	83	234	233	1	0	0	0	0	5W	14.20	14.64	1.81		0
AB GENETICS	V005	9445	KS	12/28/23	830	1,152	82	1	1	0	0	0	0	0	5W	18.62	16.83	2.11		0
AB GENETICS	V005	9447	KS	01/21/24	1,009	1,152	58	272	270	0	0	0	2	0	5W	18.62	16.83	2.11		0
AB GENETICS	V006	9414	AH	08/07/23	534	1,164	225	248	244	0	0	0	2	2	5W	18.45	16.57	2.77		0
AB GENETICS	V007	9410	KH	06/09/23	618	1,281	284	251	250	0	0	0	0	1	5W	16.32	16.29	2.25		0
AB GENETICS	V008	9420	KH	08/29/23	740	1,203	203	251	245	0	0	0	2	4	5W	16.29	16.18	2.24		0
AB GENETICS	WE01	9428	KH	01/29/24	897	987	50	200	200	0	0	0	0	0	5W	14.63	14.08	1.88		0
AB GENETICS	WE02	9428	KH	01/29/24	853	959	50	167	167	0	0	0	0	0	5W	12.82	14.20	1.96		0
AB GENETICS	WE03	9428	KH	01/29/24	897	981	50	150	150	0	0	0	0	0	5W	13.82	13.66	1.77		0
AB GENETICS	WE04	9376	KH	10/02/22	629	1,431	534	35	31	0	0	0	2	2	5W	12.76	14.28	1.54		0
AB GENETICS	WE05	9376	KH	10/02/22	629	1,521	534	34	32	0	0	0	1	1	5W	14.94	15.25	1.70		0
AB GENETICS	WE06	9447	KH	01/21/24	1,094	1,164	58	56	56	0	0	0	0	0	5W	16.83	15.86	1.78		0
AB GENETICS	WE07	9422	KH	11/30/23	909	1,128	110	96	96	0	0	0	0	0	5W	16.11	14.71	1.79		0
AB GENETICS	WE08	9447	KH	01/21/24	1,094	1,168	58	56	55	1	0	0	0	0	5W	18.70	15.79	1.84		0
AB GENETICS	WE09	9437	AS	08/22/23	608	1,091	210	40	40	0	0	0	0	0	5W	16.92	17.11	2.77		0
AB GENETICS	X003	9374	KS	09/17/22	641	0*	549	1	1	0	0	0	0	0						0

Total Headcount: **31,310**

30,310

Cow Numbers Provided by John

30,310

(1000) offsite

* indicates current weight for this pen less than average in weight for the lot

Field Exam 57-11882

Walker, Benny

From: John Peterson <jpeterson.wccf@gmail.com>
Sent: Tuesday, April 23, 2024 8:50 AM
To: Walker, Benny
Subject: Re: Permit 57-11882

Benny,

The shop bathroom is regularly used by 2 employees. Honestly I don't know how many loads of laundry are done per day. It probably gets used by 10 employees. Breakroom used by 30 employees. Office bathroom probably used by 15 employees.

On Mon, 22 Apr 2024 at 17:03, Walker, Benny <Benny.Walker@idwr.idaho.gov> wrote:

> This is great, John
>
> I just need a few more things, Bathroom Shop number of employes, Laundry number of washings per day, and Office Bathroom, Breakroom usage number of employes.
>
> Thanks,
>
> Benny
>
> **From:** John Peterson <jpeterson.wccf@gmail.com>
> **Sent:** Monday, April 22, 2024 2:05 PM
> **To:** Walker, Benny <Benny.Walker@idwr.idaho.gov>
> **Subject:** Re: Permit 57-11882
>
>

Benny,

I couldn't find the email I thought I sent. Our water truck holds 5000 gallons of water. Depending on the year we may start watering pens/roads in May/June and continue through September, possibly October. We probably use on average 20 truck loads a day. However not all of this water is from the wells, we try to use as much runoff out of the catch ponds from the winter/spring as possible. There is water used in the shop. It has a bathroom and laundry facilities and some vehicle or parts washing may be done at times. The washout roughly measured the flow at 60gpm. We wash approximately 5 vehicles on most days, some days maybe more, some days maybe less. Wash for about 20 minutes. So roughly 6,000 gallons a day. It does get used year round. I apologize for the miscommunication. I know I had previously worked through the numbers and thought I had sent them on to you.
Hopefully this finishes up the permit/licensing.

Thank you,

On Mon, 22 Apr 2024 at 13:38, Walker, Benny <Benny.Walker@idwr.idaho.gov> wrote:

John,

Thank you for your time and the extra help, map, and information. I also need the to know about the dust abatement in the summer. What is the amount of water (gallons) the truck holds? How many times a day you water your roads, and for how long during the summer (April thru October)? Is there any water use in the shop, bathroom etc. The amount of water you use for the wash out, approximately the number of equipment washings a day and is it year round. I really appreciate your help.

Thanks,

Benny

Benny Walker

Water Resource Agent

Southern Region

208-736-3033

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John Peterson

General Manager

Wilson Creek Cattle Feeders

(208) 473-8642

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John Peterson
General Manager
Wilson Creek Cattle Feeders
(208) 473-8642