

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 67-15104
Exam Date: 05/15/2017

1. Current Owner:
CAMAS PRAIRIE ASSOC LLC 8253 W BROOKS DR BOISE ID 83714
2. Accompanied by: Carl Rey
Phone No: 208-340-0832
Address: 7351 Ledgerwood LN, Meridian, ID 83646
Relationship to permit Holder: Permit Holder

3. **SOURCE:**
COVE CREEK

Tributary
WEISER RIVER

Method of Determination: Field observation

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
N/A	N/A	N/A	N/A

Comments: No other water rights overlap at POU.

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

Water Right No.	Source	Purpose of Use	Basis
N/A	N/A	N/A	N/A

Comments: No other water rights overlap at POD.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
COVE CREEK NE¼ NE¼, Sec. 10, Twp 10N, Rge 04W, B.M. WASHINGTON County

Method of Determination: Handheld Garmin GPS (N°44, 13.407; W°116, 47.711)

PLACE OF USE: WATER QUALITY IMPROVEMENT

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10N	04W	3															X		

Method of Determination: Field Observation, ArcGIS Tools, Aerial Imagery.

3.
 - ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components.
 - ☒ 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 1:24,000 or greater.
 - ☒ Aerial Photo Attached (required for irrigation of 10+ acres).

x Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A	N/A	N/A	N/A	N/A	N/A

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flowtracker	Accoustic Doppler	Sontek	FlowTracker	P4553	N/A	5/15/2017

2. Measurements: Measured velocity of water moving through galvanized corrugated pipe

E. FLOW CALCULATIONS

 x Additional Computation Sheets Attached

Measured Method:

Velocity = 2.25 ft/sec

Area of water profile through corrugated pipe = 0.35 ft²

Flow(Q) = (V)2.25 ft/sec x (A)0.35 ft² = 0.787 → 0.79 ft³/sec

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

2. Volume Calculations for Other Uses: Water Quality Improvement:

[0.79 (cfs) x 1.98347 x (210 days diverting)] = 329.0 AF

G. NARRATIVE/REMARKS/COMMENTS

The field exam was completed by Aaron Skinner May 15, 2017 and he was accompanied by Carl Rey, property owner and manager of Camas Prairie Associates, LLC. Additional site visits were performed by Justin Shearer and Aaron Skinner to fully document the system and extent of development. Current Washington County tax lot data represents that Mr. Rey owns the land pertinent to the Place of Use (POU) and Point of Diversion (POD).

Water is diverted from Cove Creek via a head-gate and then it runs approximately 685 feet through 16" corrugated pipe

before it is delivered into three adjacent sediment basins. For water quality improvement purposes, the permit holder worked with the Cove Creek Wetland Project to develop three sediment structures approximately 3' deep that water can travel through, settle, and reduce sediment and phosphorous loads. Each of the three sediment basins have weirs installed at the inlets to satisfy the measuring device requirement as permitted. Once the water leaves the sediment basins, it travels west and empties into the irrigated grow plots measured at approximately 0.8 acres where water will travel through for plant uptake of nutrients before returning back into cove creek as "wastewater." Because the grow plot is comprised of native vegetation planted in order to uptake Phosphorous, no harvest and thus no crop production, the grow plots and the water used to maintain the growth of their respective vegetation should be considered as a water quality beneficial use. Thus, I am recommending that the irrigation beneficial use be removed and this permit only be licensed for water quality improvement.

Overlap review found that there were no overlapping rights at either the POD or POU. At the time of exam, Mr. Rey informed that the Cove Creek flows allow for a maximum 210 days of diverting water from Cove Creek to the sediment basins and grow plot. The amount of water flowing through the 16" corrugated pipe did not allow for a suitable flow measurement with the Sontek FlowTracker. However, velocity measurements were able to be collected and an in office calculation of flow was able to be determined using the cross sectional area of flow calculator for water flowing in circular conduit. Using this method, a diversion rate of 0.79 cfs was determined.

Determination of beneficial use developed for the water quality improvement component of the permit was assessed by obtaining a final report from the Weiser River Soil Conservation District. In the report, it outlines details of the project as well as final conclusions, results, and successes of the grant project undertaken by Camas Prairie Association. The final report concluded that the project is cleaning up approximately 19,000 acres of land upstream through the sediment basins and grow plots. According to the report, IDEQ estimates that the Cove Creek Wetland project reduces phosphorous by 1044 pounds/year and sediment by 724 tons/yr in the Weiser River and Snake River. The recommended diversion rate for Water quality improvement is equivalent to the measured rate of 0.79 cfs. Annual volume recommendation for water quality improvement is based upon the information provided by Mr. Rey at the time of exam indicating that there is really only enough water in Cove Creek to divert a maximum of 210 days. Thus, I am recommending an annual volume of 329.0 AF for water quality improvement. I am recommending the water quality improvement storage and diversion to storage beneficial uses be removed because no storage component was actually developed due to the flow-through nature of the system.

Field exam revealed that the POD was actually located in NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 3, Twp 10N, Rge 04W rather than the permitted SW $\frac{1}{4}$ SE $\frac{1}{4}$. An amended permit for licensing purposes was sought and a signed amendment was received August 24th, 2021. Additionally, a change in address was received August 24th, 2021 updating the address and contact information for Camas Prairie Association, LLC. Furthermore, at the time of exam there was no measuring device installed. The permit holder was notified that the Department would not be able to move forward with a licensing recommendation until a measuring device was installed at or very near the point of diversion. Mr. Rey complied and had weirs installed on the entrance to the sediment basins. Doing such, satisfied the condition of the permit.

Condition 01J was updated to condition R43. Condition 004 was removed as there was no concern of property ownership at the POD or POU. Condition 259 and an explanatory condition describing the height of a storage dam was removed since there is no storage component to this licensing recommendation. Additionally, all irrigation related conditioning was removed due to no irrigation beneficial use. Condition 121 was updated to condition 103 as per licensing standards.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
WATER QUALITY IMPROVEMENT	01/01 to 12/31	0.79 CFS	329.0 AF

Totals: 0.79 CFS 329.0 AF

2. Recommended Amendments

☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

I. AUTHENTICATION

Justin Shearer - Water Resource Agent, Senior

Field Examiner's Name



Date

9/23/21

Reviewer

Date

**Cross Sectional Area of Flow Calculator
for Water Flowing in Circular Conduit**

READ ME

Was the Diameter or Radius of the Pipe Measured?

☒ Diameter ☐ Radius

Was Sediment Observed & Measured in the Pipe?

☐ Sediment ☒ No Sediment

Converter: Inches --> Feet (Use as Needed)

X = 16.00 inches = 1.33 feet

Input Observed Conditions (Units Must be in Feet)

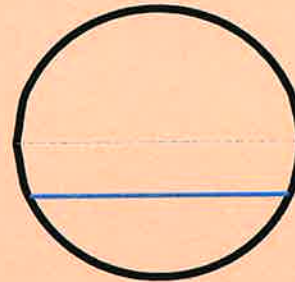
D = 1.33 feet (radius of pipe)

h = 0.40 feet (depth of water)

Cross Sectional Area of Flow

A_{FLOW} = 0.35 square feet

**X-Sectional Flow Area
Sketch**



— Conduit Wall

— Water Surface

— Horizontal Center Line

— Sediment Surface

2.25 ft/s velocity from flowtracker

State of Idaho
Department of Water Resources

Attachment to Beneficial Use Field Exam

Water Right(s): 67-15104
System Diagram



- 16" Corrugated Pipe
- Grow Plot
- Sediment Basins
- Water Right POD
- Township/Range
- Sections
- QQ

0 0.0475 0.095 0.19 Miles





Pic of headgate
where water from
Cove Creek is
diverted.



Alternate angle of
headgate where
water is diverted
from Cove Creek.



Pic of water entering one of the sediment basins.



Pic of one of the sediment basins looking west.



Pic of water exiting
16" corrugated pipe
before entering
sediment basins.



Pic of grow plot
looking to the
southwest.



Pic of sediment basin showing installed weir blade and staff gauge.



Alternate angle of weir blade installed at entrance to sediment basin.



Pic from center of
grow plot looking
to northwest.



Pic looking towards
southwest corner of
grow plot where
water returns to
Cove Creek.



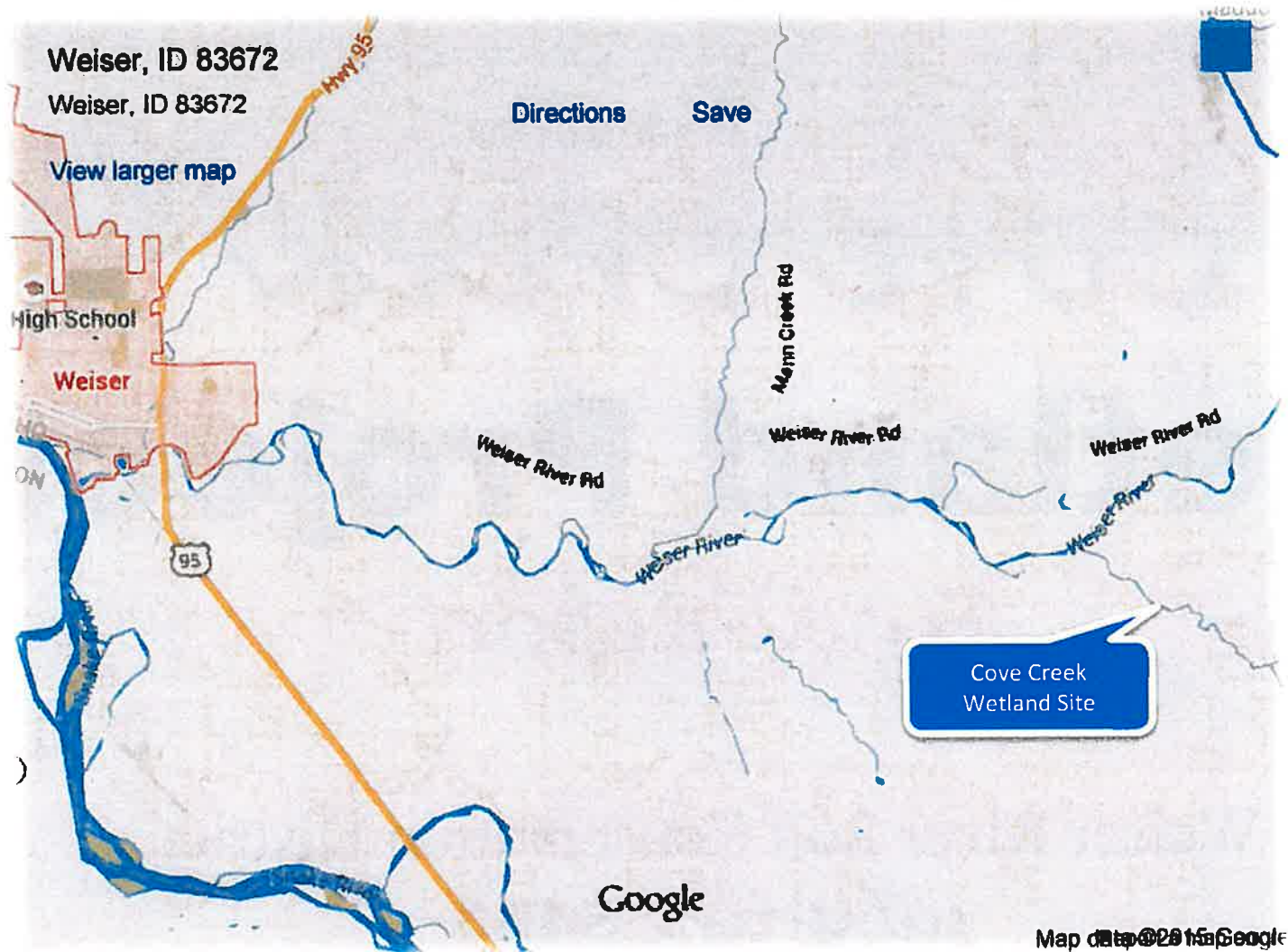
Cove Creek

Wetland Project

Final Report

Weiser River Soil Conservation District
subgrant **S463**

Location & Area Treating: Cove Creek is located east of Weiser and is confluent with the Weiser River. The Weiser River Watershed encompasses a large area in southwest Idaho. The headwaters for the Weiser River originate in the southern end of the Seven Devil Mountain Range and the west central mountains of Idaho. The land in the Weiser Cove area of the Weiser River Watershed is primarily irrigated agriculture, rangeland, and riparian.



Purpose of the Project: The Cove Creek Wetland Project will clean up the water from thousands of acres. This includes 1,600 dry land acres, 130 gravity irrigated acres, and 17,117 rangeland acres. The two pollutants we are targeting are sediment and phosphorous. Cove Creek is one of three creeks that discharge directly into the Weiser River. Of the three creeks, Cove Creek has the highest average of ortho-phosphorous at 80% (as cited from the ISDA Tech Report Summary 2003). This project is impacting the Weiser River Watershed SBA-TMDL and the Snake River-Hells Canyon SBA-TMDL. Our project is estimated to reduce sediment by 724 tons per year and phosphorous loading by 1044 pounds per year.

Project Description: A constructed wetland was placed adjacent to Cove Creek prior to the confluence of the Weiser River. The water is diverted from Cove Creek and then it runs approximately 685 feet through a 15" pipe before it goes to a sediment structure. There are three sediment structures approximately 3 feet deep that the water can travel through. There is a way for the water to be shut off from any of the sediment basins for maintenance at any time. From the sediment basins, the water travels through another pipe that runs under a maintenance roadway and into the first of two grow plots. The grow plots are very shallow contained areas that the water will slowly trickle through. There are many different types of native plants growing in those grow plots to slow down the water. The water then ultimately drains back into Cove Creek.

Project Components:

- Wetland Area
 - Sediment Basins- there are 3 sedimentation basins that the water can be turned into. Each basin is parallel and separated from one another. Therefore, water can be blocked to any of the basins, allowing for maintenance.
 - Grow Plots- once the water leaves the sedimentation basins, it goes into a pipe under a maintenance road and pours into a series of two shallow grow plots. The grow plots are only inches deep and are designed for the water to slowly move in between native plants for the opportunity to uptake ortho-phosphorous. Plant uptake is the best known way to decrease this dissolved form of phosphorous. The particulate form often attaches to sediment.
 - Seeding- native seeds were applied by hydro-seeding in the grow plots this summer. The seeds that were applied included tall fescue, alkali bulrush, bluejoint reedgrass, Garrison creeping foxtail, Nutfall's alkali grass, and alkali sacaton. These seeds were applied with a biological stimulant, mulch, and fertilizer. Upon

completion of the excavation and construction of the sediment basins, pipeline, and grow plots, there were some native seeds drilled on the disturbed ground.

- Fencing- this grant provided the landowner the opportunity to fence both sides of Cove Creek downstream from the constructed wetland to keep the cattle away from the creek. Keeping the cattle off the creek will let the plants along the creek bed establish and keep the banks from eroding. There was approximately 6,580 feet of fence built by a fencing contractor. The fence was a 5 strand barbed wire fence with many 6 rail gates for access and movement of cattle. T-posts were placed at ten foot centers. Every 100 feet there were steel posts concreted three feet into the ground. The corner and bracing systems were constructed of galvanized pipe at every turn of the fence and at gates. The corner and bracing systems were also concreted three feet into the ground.

Challenges:

- The plan submitted by NRCS did not take into consideration the WRSCD or landowner's vision of three ponds for reduction of sediment and phosphorous.
- The engineers hired had no previous knowledge of the timeframe or funding of a 319 grant. This caused several delays due to delayed engineer plans, thereby causing WRSCD and IDEQ to update the original task portion of the grant, delaying the original grant agreed upon.
- During the construction phase of the project, the contractor did not have the engineer on site and Sharona had noticed foreseen problems with the slope of the wetland. The landowner realized it and had it corrected. This delayed payment to the contractor.
- This all was a challenge to WRSCD as past projects have been on time and all aspects of projects completed as outlined in the grant. It was difficult to stay on task when District oversight was consistently ignored.

Looking Forward to Future Success: The sediment and phosphorous reductions in this project will show our concentrated efforts to reduce the total maximum daily loads on the Weiser River and Snake River. As we have seen in another one of our successful constructed wetland projects, we expect the functionality of the wetland to increase with the growth of plant species and site maturity. The landowner is continuing to improve Cove Creek beyond the grant. He is installing off-stream livestock water tanks, plans to do some more stream bank shaping and seeding, and is planning on installing some interpretive signage explaining the wetland project and more.

Cove Creek Wetland Project **Photographs**



September 8, 2014 Future site of the Cove Creek Wetland Project (before excavation and construction)



September 8, 2014

The orange line through the middle of the picture is silt fencing that was installed to keep sediment from running into the creek during the excavation and construction phase of the project. Cove Creek is running just underneath the silt fencing but is not visible due to the bulrushes and the cattails in the creek.



October 30, 2014- Cove Creek diversion

This is where the water leaves Cove Creek and travels approx. 620 feet to the sediment basins.



This is one of the three sediment basin cells. The water comes from the diversion pipe and is delivered to these cells for the sediment to drop out of the stream water.

Picture was taken in October 2014 once construction was complete.



Grow Plot #1

Once the water leaves the sediment basin, it travels in a pipe under a maintenance road and empties into this 1st grow plot. There will be plants to slow and uptake the nutrients in the water. The idea is to spread that water out over the whole grow plot area, so that it is shallow and will then go into the 2nd grow plot.



Grow Plot #2

This is the 2nd grow plot that the water will travel through for plant uptake of nutrients before going back into Cove Creek.



This is the outlet where the water leaves the wetland area after traveling through the 2nd grow plot and returns back to Cove Creek with reduced sediment and phosphorous.



May 2014

Staking out the placement of the fences along Cove Creek to give the cattle enough area to graze and the creek enough area to heal after overgrazing.



June 2014

T-posts placed every 10 feet and the galvanized bracing system is cemented 3 feet in the ground.



Fence construction along Cove Creek in
June 2014



Corner brace



Corner bracing system



Bracing system with the gates hung.



June 3, 2015

Hydro-seeding a seed/fertilizer/mulch slurry on the 2nd grow plot. The seeding will facilitate phosphorous reduction by the plants utilizing the phosphorous that is not bound in sediment.



Hydro-seeding the 1st grow plot. The roadway that the hydro-seeding truck is on is the maintenance road between the sediment basins and the grow plots.



More hydro-seeding pictures from June 3,
2015.



Hydro-seeding picture showing the reach of
the slurry gun.

Cove Creek Wetland Project **Conclusion**

- This wetland is cleaning up approximately 19,000 acres of land upstream.
- Wetland components
 - **Creek diversion**
 - **3 sediment basins**
 - **2 grow plots**
- Native seeds were applied by hydro-seeding on the grow plots and drilled on all of the disturbed ground near the wetland site. Native seeds were also drilled where the stream banks were shaped downstream from the wetland site.
- There were fences built on both sides of Cove Creek to prevent the cattle from watering and grazing on the stream banks, allowing for recovery of vegetation.
- Weiser River and Snake River reductions have been calculated by IDEQ to be:
 - **Phosphorous by 1044 pounds per year**
 - **Sediment by 724 tons per year**



[illegible]

Process	BasinSequence	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
Water Permit	67-14299	N	CAMAS PRAIRIE ASSOC LLC; NORTHWEST FARM CREDIT SERVICES FLCA; NORTH-GROUND WATER	COVE CREEK	RECREATION STORAGE											X						
Water Permit	67-14299	N	CAMAS PRAIRIE ASSOC LLC; NORTHWEST FARM CREDIT SERVICES FLCA; NORTH-GROUND WATER	COVE CREEK	WILDLIFE STORAGE											X						
Water Permit	67-14299	N	CAMAS PRAIRIE ASSOC LLC; NORTHWEST FARM CREDIT SERVICES FLCA; NORTH-WASTE WATER	COVE CREEK	RECREATION STORAGE											X						
Water Permit	67-14299	N	CAMAS PRAIRIE ASSOC LLC; NORTHWEST FARM CREDIT SERVICES FLCA; NORTH-WASTE WATER	COVE CREEK	WILDLIFE STORAGE											X						
Water Permit	67-15104	N	CAMAS PRAIRIE ASSOC LLC; IDAHO WATER ENGINEERING	COVE CREEK	IRRIGATION															0.4		0.4
Water Permit	67-15104	N	CAMAS PRAIRIE ASSOC LLC; IDAHO WATER ENGINEERING	COVE CREEK	WATER QUALITY IMPROVEMENT															X		
Water Permit	67-15104	N	CAMAS PRAIRIE ASSOC LLC; IDAHO WATER ENGINEERING	COVE CREEK	WATER QUALITY IMPROVEMENT STORAGE															X		
Water Permit	67-7590	Y		WEISER RIVER	IRRIGATION STORAGE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Water Right	3-2006	N	WEISER FLAT PIPE LINE CO LTD; WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	3-7005	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-10	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-10831	N	GREEN, ANN C; GREEN, HENRY P; POLLARD SR, EDWARD L	GROUND WATER	DOMESTIC						X											
Water Right	67-11	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-12	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-13435	N	MUIR, JOHN T; MUIR, WILLIAM H; SMITH, CHESTER A; SMITH, GEORGE F; SMIT	WEISER RIVER	IRRIGATION	X	X	X	X	X	X	X	X			X		X	X	X	X	X
Water Right	67-13442	N	SUNNYSIDE DITCH CO	WEISER RIVER	IRRIGATION	X	X	X	X	X	X	X	X			X		X	X	X	X	X
Water Right	67-138	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-14	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-14621	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-14703	N	CRANE CREEK RESERVOIR ADMINISTRATION BOARD	CRANE CREEK	IRRIGATION FROM STORAGE	X	X	X	X	X	X	X	X			X		X	X	X	X	X
Water Right	67-14704	N	CRANE CREEK RESERVOIR ADMINISTRATION BOARD	CRANE CREEK	IRRIGATION FROM STORAGE	X	X	X	X	X	X	X	X			X		X	X	X	X	X
Water Right	67-14705	N	CRANE CREEK RESERVOIR ADMINISTRATION BOARD; SNOW, EDWIN; WEISER R	CRANE CREEK	IRRIGATION FROM STORAGE	X	X	X	X	X	X	X	X			X		X	X	X	X	X
Water Right	67-15	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-16	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-17	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-18	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-19	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						
Water Right	67-20	N	WEISER IRRIGATION DISTRICT	WEISER RIVER	IRRIGATION		X			X	X	X	X			X						

[illegible]

Shearer, Justin

From: Hal Anderson <hal@idahowaterengineering.com>
Sent: Thursday, April 22, 2021 9:23 AM
To: Shearer, Justin
Subject: Cove Creek Weir Installation
Attachments: Cove Creek Weir and Staff gage.jpg; Cove Creek weir blade.jpg

Follow Up Flag: Follow up
Flag Status: Flagged

Justin,

Attached are several pictures I took yesterday during the weir installation on Cove Creek. I sent an earlier email but thought you might want some additional documentation. --Hal

Hal N. Anderson

Managing Partner
Idaho Water Engineering
2918 N. El Rancho Place
Boise, ID. 83704
Office: 208.378.1513
Cell: 208.830.5525
hal@idahowaterengineering.com

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Shearer, Justin

From: Hal Anderson <hal@idahowaterengineering.com>
Sent: Thursday, April 22, 2021 9:01 AM
To: Shearer, Justin
Cc: Carl Rey
Subject: Fwd: Cove weir and staff
Attachments: 20210421_152315.jpg

Follow Up Flag: Follow up
Flag Status: Flagged

Cove Creek Measurement Device

Justin,
Yesterday we were successful in installing weir blades and staff gages on the Cove Creek WQ Improvement Project. The attached photo shows a completed installation for one of the sediment ponds. There are three ponds and we did identical installations on all three. The weir width is 24 inches for all three weirs. We now have everything in place and request licensing WR Permit 67-15104. --Hal

Hal N. Anderson

Managing Partner
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----- Forwarded message -----

From: Hal Anderson <hal@idahowaterengineering.com>
Date: Thu, Apr 22, 2021 at 8:07 AM
Subject: Cove weir and staff
To: Hal Anderson <hal@idahowaterengineering.com>

Shearer, Justin

From: Shearer, Justin
Sent: Wednesday, March 3, 2021 4:15 PM
To: 'Hal Anderson'
Subject: RE: Application for Amendment

Hal,

Yes I have received the amendment for licensing purposes from Mr. Rey, thanks for helping out with this and staying on top of things. Additionally, in response to your previous email dated February 23, yes I have received your letter requesting additional time to complete the request to install a measuring device that will satisfy the conditions of approval for permit 67-15104. IDWR is willing to grant an extension of time to complete this request. In order to keep things moving forward and on a timeline, I am willing to grant a ninety (90) day extension from the date of your letter received 2/22/21. This gives you and Mr. Rey until May 23rd to have a measuring device installed.

Please note, that if documentation of the measuring device being installed is not received by May 23rd, then action will be taken to void permit 67-15104. If you have any questions or concerns pertaining to this matter, feel free to contact me.

Thanks and regards,

Justin Shearer
Water Resource Agent, Sr.
(208)-334-2190

From: Hal Anderson [mailto:hal@idahowaterengineering.com]
Sent: Friday, February 26, 2021 11:03 AM
To: Shearer, Justin <Justin.Shearer@idwr.idaho.gov>
Subject: Application for Amendment

Justin,

I met with Carl Rey yesterday and he showed me the completed Application for Amendment to correct the wrong POD location. Your PLSS location matched mine so Carl signed and was going to drop off the Application and a check for the processing fee yesterday. --Hal

Hal N. Anderson

Managing Partner
Idaho Water Engineering
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Cell: (208) 870-0345
Fax: (888) 538-7703

RECEIVED

FEB 22 2021

WATER RESOURCES
WESTERN REGION

Idaho Department of Water Resources
Attention: Justin Shearer
2735 W. Airport Way
Boise ID. 83705-5082

February 18, 2021

Dear Justin,

In response to your letter of February 4, 2021 regarding Permit 67-15104, we are seeking additional time to complete the request to install a measuring device. We have been in correspondence via phone and email and I have been working with the Permit holder Mr. Carl Rey to satisfy the measuring device requirement. Given the fact that the letter was not received until February 8 and a deadline given to complete the work by March 1, 2021 we are seeking additional time to complete the work needed.

Last Friday I was able to visit the project site and given our discussions now have a plan in place to install the necessary weir blades and staff gages. However, at this time the flows in Cove Creek are very high, there is close to a foot of snow on the ground and accessing the site in order to install the necessary measuring equipment will be extremely difficult and potentially dangerous.

I am proposing the following plan to install the measuring device:

1. When the high flows in Cove creek recede, we hope by mid-May and the site is dry enough to get our equipment mobilized on site, we will complete the measurement installation.
2. The planned installation will include installing weir blades and staff gages on all three of the sediment basin inflow gates.
3. Once the work is complete, I will document with photographs and include as attachments to an email.

One other point to consider is that since there are no other diversions on Cove creek before it enters the Weiser River, and most of the water from the sediment basins and small wetland flow back into Cove creek I do not see a potential for injury if we delay installation.

Thank you for your consideration of the request.

Sincerely,

A handwritten signature in black ink, appearing to read "Hal N. Anderson", is written over a faint, circular official stamp.

Hal N. Anderson
Managing Partner

Shearer, Justin

From: Shearer, Justin
Sent: Wednesday, February 17, 2021 4:42 PM
To: 'Hal Anderson'; 'crey200@yahoo.com'
Subject: RE: Measuring Device for Permit 67-15104

Good afternoon Hal & Carl,

Thanks for taking the time to visit the site and verify that there are weirs. These should be sufficient once fully completed, however as they stand they are really not much more than cement check gates and will need to have plates and gauges installed to make them count as weirs that a measurement can be produced from. As such, I will unfortunately be unable to move forward with approving a license until the condition of the permit has been fully met when the weirs are completed in July.

In the meantime, Carl, I have sent out an amendment for licensing to you to address the fact that the Point of Diversion was developed in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of TWP 10N Rge 04W Sec 10 instead of the permitted POD in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Twp 10N Rge 04W Sec 3. Please sign and return with the associated amendment fee at your earliest. Then once the Department receives evidence that the weirs have been completed to allow proper measurement to be taken I will be able to approve the water right license for Permit 67-15104.

Feel free, either of you, to contact me with any questions or concerns in regards to these matters.

Respectfully,

Justin Shearer
Water Resource Agent, Sr.
(208)-334-2190

From: Hal Anderson [mailto:hal@idahowaterengineering.com]
Sent: Friday, February 12, 2021 3:26 PM
To: Shearer, Justin <Justin.Shearer@idwr.idaho.gov>
Cc: Dave Tuthill <dave@idahowaterengineering.com>
Subject: Measuring Device for Permit 67-15104

Justin,

Today I visited the WQ Improvement Project on Cove Creek, Permit No. 67-15104, lovely day to be in the field. I was pretty sure we included water measurement devices as we knew we needed them. I really had not visited the project area once construction was completed. That said indeed there are weirs installed in the manifold that distributes the diversion between the sediment basins. Because we had to pipe the water from upstream in order to have enough head to push the water through the ponds and wetlands we had to install individual weirs for each sediment basin. The only thing that was not done was to install staff gages by each weir. I discussed doing this with the current owner and he authorized the work. I would suggest that we wait until July as there is little to no flow in Cove Creek then so installation will be much easier. I am attaching a picture

of one of the weirs and a Site Dimension Plan showing location of the weirs. Let me know how you want to proceed. --Hal

Hal N. Anderson

Managing Partner

Idaho Water Engineering

2918 N. El Rancho Place

Boise, ID. 83704

Office: 208.378.1513

Cell: 208.830.5525

hal@idahowaterengineering.com

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State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 W AIRPORT WAY • BOISE, ID 83705-5082

Phone: (208)334-2190 • Fax: (208)334-2348 • Website: www.idwr.idaho.gov

Brad Little
Governor

Gary Spackman
Director

February 17, 2021

CAMAS PRAIRIE ASSOC LLC
7351 W LEDGERWOOD LANE
MERIDIAN ID 83646

COPY

RE: Water Right Permit No. 67-15104

Dear Permit Holder(s):

The Department of Water Resources is reviewing the permit(s) referenced above prior to issuing water right license(s). By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit.

The examiner who verified your water use reported that certain elements of the permit(s) have been developed differently than described on your permit(s). Changes that do not increase the authorized use of water under the permit(s) can be requested and approved in accordance with Idaho Code § 42-211. Before license(s) can be issued, your permit(s) must be amended to depict your water use as it was actually developed.

Based on the examiner's report, the following elements were developed differently than described on your permit(s):

☒ Point(s) of Diversion

☐ Place(s) of Use

☐ Other

The enclosed Application for Amendment form(s) depicts the elements of the water right(s) as they will appear on the license(s) when issued. Please review the amendment form(s) carefully. If you concur with the information presented, please sign and return the form(s) with the filing fee of \$100.00 within fourteen (14) days.

If you have any questions, please call me at (208) 605-4627.

Sincerely,

Justin Shearer
Water Resource Agent, Senior

Enclosure(s): Application for Amendment



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 W Airport Way • Boise ID 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348

Website: idwr.idaho.gov • Email: westerninfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

February 4, 2021

CAMAS PRAIRIE ASSOC LLC
7351 W LEDGERWOOD LN
MERIDIAN, ID 83646

COPY

RE: Water Permit 67-15104

Dear Permit Holder,

On May 15, 2017, Water Resource Agent conducted a field exam in order to determine the extent of beneficial use developed under WR permit NO. 67-15104. During the examination it was observed that development was not in compliance with the conditions of the permit. In particular, Condition 01J, which reads:

“Prior to diversion of water under this right, the right holder shall install and maintain a measuring device and lockable controlling works of a type acceptable to the Department as part of the diverting works.”

Because there was no measuring device installed, I am unable to move forward with any licensing recommendation at this time. In order to get a license issued for this permit, a measuring device must be installed at or very near the point of diversion that is acceptable to IDWR standards and requirements to ensure the watermaster can accurately determine the amount of water diverted from the public water source.

Additionally, because of the diversion rate of this permit, I am not recommending that waiver of condition 01J be sought from the watermaster for Water District 67. If any license recommendation is to be made, an acceptable measuring device shall be installed by no later than the start date of next irrigation season 3/1/2021. Once the measuring device has been installed, please either provide photo documentation as evidence, or contact me to verify installation has taken place.

Because the conditions of the permit have not been met, **steps will be taken to void your permit if you do not contact the Department within thirty (30) days with a plan to install and approved measuring device by start of the next irrigation season (3/1/2021).** Please contact me at (208) 334-2190 if you have any questions. I have included the *Minimum Acceptable Standards and Requirements for Open Channel and Closed Conduit Measuring Devices* as well as the *IDWR List of Approved Closed Conduit Flow Meters* for your convenience.

Respectfully,

Justin Shearer

Water Resource Agent, Sr.

Enclosures: *Minimum Acceptable Standards and Requirements for Open Channel and Closed Conduit Measuring Devices.*



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

April 5, 2017

COPY

CAMAS PRAIRIE ASSOCIATION LLC
7351 WEST LEDGERWOOD LANE
MERIDIAN, IDAHO 83646

RE: Scheduling Field Exam for Water Right Permit No. 67-15104

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit **during the weeks of May 8th – May 26, 2017**. An examination is needed to verify the water use in order to issue a water right license.

The above-referenced permit authorizes a **diversion rate of 2.0 cfs for irrigation, water quality improvement, water quality improvement storage, and diversion to storage use from Cove Creek, a tributary of the Weiser River. If you have developed a beneficial use and still own the place of use property, please contact me at your earliest convenience to schedule an examination.**

If you did not develop a beneficial use of water under the permit or if you did develop that use, but subsequently abandoned it, a license cannot be issued. Please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required). The permit will be voided if beneficial use under the permit was not developed or was developed, but is now abandoned and you do not relinquish the permit.

If you did develop a beneficial use of water under the permit, but you no longer own the place of use property identified in the permit, please submit the enclosed Assignment of Permit form with the applicable \$25 processing fee.

Please contact me within the next thirty (30) days to either schedule an examination, submit a relinquishment, or submit an assignment. If you no longer own the place of use property and/or do not respond to this letter, the department will work with the current property owner to issue a license or void the permit.

Please call me at (208) 334-2190 if you have any questions. I appreciate your attention in this matter and I look forward to hearing from you.

Sincerely,

Aaron Skinner
Water Resource Agent

Enclosures: Water Permit Report and Map
Relinquishment of Permit form
Assignment of Permit form