

RECEIVED

DEC 20 2013

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

Ident. No. 67-151041. Name of applicant(s) Camas Prairie Associates Phone 208 286-0837Name connector (check one): ☐ and ☐ or ☐ and/orMailing address: 7351 Ledgerwood Lane City MeridianState ID Zip 83646 Email: crey200@yahoo.com2. Source of water supply Cove Creek which is a tributary of Weiser River

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
10N	04W	3		SW	SE		Washington	Cove Creek	

4. Water will be used for the following purposes:

Amount 2 for Water Quality Improvement purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per year)Amount .024 cfs for Irrigation purposes from 3/1 to 11/15 (both dates inclusive)
(cfs or acre-feet per year)Amount 6.1 ac/ft for Water Quality Storage purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per year)Amount 2 cfs for Diversion to Storage purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per year)5. Total quantity to be appropriated is (a) 2 cubic feet per second (cfs) and/or (b) 6.1 acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. Rock and earth diversion structure in Cove Creek to 15 inch PVC buried pipe delivering water to sediment ponds and constructed wetlandb. Height of storage dam 2.5 feet; active reservoir capacity 1.17 acre-feet; total reservoir capacity 1.17 acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11.For dams 10 feet or more in height OR reservoirs with a total storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☒ No

c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.

d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ Noe. If well is already drilled, when? _____; drilling firm _____;
Well was drilled for (well owner) _____; Drilling Permit No. _____

7. Description of proposed uses (if irrigation only, go to item 8):

a. Hydropower; show total feet of head and proposed capacity in kW. _____

b. Stockwatering; list number and kind of livestock. _____

c. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. _____

d. Domestic; show number of households _____

e. Other; describe fully. This is a water quality improvement project funded by Weiser River Soil Conservation District.Purpose is to reduce sediment and phosphorus level in Cove Creek before it enters Weiser River

8. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	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		
10N	04W	10		X															

Total number of acres to be irrigated: .8

9. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? None

10. a. Who owns the property at the point of diversion? Camas Prairie Associates c/o Mr. Carl Rey
- b. Who owns the land to be irrigated or place of use? Same
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____
11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. This project is funded by a 319 grant to the Weiser River Soil Conservation District. Project will use constructed sediment ponds and wetlands to remove sediment and phosphorus from Cove Creek prior to its discharge to the Weiser River. An earth and rock diversion structure will divert water from Cove Creek into sediment ponds and constructed wetlands. Up to 2 cfs will be diverted from Cove Creek into a 15 inch PVC pipe that will deliver the water to the Ponds. This is a flow through system and the cleaned up water will be returned to Cove Creek. The final design and IDWR Draft Spreadsheets for calculating seepage, evaporation and Total Storage are attached.
12. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year).
13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.



Signature of Applicant

Carl Rey, Managing Member
Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

For Department Use:

Received by JA Date 12-20-13 Time 2:25 Preliminary check by _____
Fee \$ 290.00 Receipted by JA Receipt No. W04/724 Date 12-20-13

SEEPAGE CALCULATIONS

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total annual seepage losses from a pond.

FILE NUMBER	XX-XXXXXX
REVIEWER	Joe Agent
DATE	1/1/2013

User Input
Calculated value
Formula Explanations

INPUTS

SQ. FT. Calculator
Pond Surface area in acres
1.17

POND SURFACE AREA (SQ. FT.)	50965
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SUGGESTED SEEPAGE RATE (FT/DAY)	0.0070
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Use the table below to find the "SUGGESTED SEEPAGE RATES".

FORMULA: (Surface Area X Seepage Rate) / 7.48 = Gallons Per Day loss		
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CONVERT TO GPD	2669	GPD
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TOTAL SEEPAGE LOSS (AFA)	3.0	AFA
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SUGGESTED SEEPAGE RATES FOR DIFFERENT SOIL TYPES:
GW, GP, GM, GC, SW, SP and SM (silty sand, sand silt mixtures and gravel mixtures) = 0.20 ft per day
OL and ML (inorganic silts - very fine sands, silty, or clayey fine sands) = 0.016 ft per day
SC (clayey sands, sand clay mixtures) = 0.007 ft per day
CL (Low to medium plasticity clays) = 0.003 ft per day
MH, OH, PT and CH (high plasticity clays) = 0.0003 ft per day
LINED PONDS (liners can be chemical, fabric, or bentonite) = 0 ft per day
Ponds Intercepting Groundwater (excavated ponds filled with shallow Ground Water) = 0 ft per day

PLEASE NOTE: The initial basis for the Suggested Seepage Rates in the table above is found on Page 16 of Seepage from Fish Ponds, Bulletin 599, August 1989 Alabama Agricultural experiment Station, Auburn University, Auburn University Alabama. If you don't know the soil type, please refer to the map provided at <X:\Spatial\Soils\USCS\PondSoils.lyr>. Use "0" if the ponds intersect the water table.

Evaporation Loss Calculation

FILE NUMBER	XX-XXXXX
REVIEWER	Joe Agent
DATE	1/1/2013

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the annual evaporation losses from a pond.

The acronyms used on the Kimberly Research Center website are defined below:

P = Precipitation

ET= Evapotranspiration

P_d = Precipitation deficit

P_d =ET-P

User Input

Calculated value

Formula Explanations

USING THIS SPREADSHEET

To ascertain the evaporation from a pond, you will need to go to the Kimberley Research Center website. The link is found below. This web site provides the Precipitation Deficit for the area where the pond is located. The Precipitation Deficit is the total amount of free pan evaporation minus the precipitation for a given area, which gives the total amount of evaporative losses incurred by the pond. There are several weather sites that are used, and the entire state is pretty much covered. IDWR staff can find the nearest site using Arc Map. The shape file containing the sites can be found at <X:/Spatial/Climate/ETIdahostations.shp>.

Found at: <http://www.kimberly.uidaho.edu/ETIdaho/online.php>

Precipitation Deficit

Station: Twin Falls 2 NNE (NWS - 109294)

Month	mm/day ¹	Days per month	mm/Month
Jan	0.00	31	0.00
Feb	0.00	28	0.00
March	0.00	31	0.00
April	0.96	30	28.80
May	2.13	31	66.03
June	2.96	30	88.80
July	3.42	31	106.02
August	4.27	31	132.37
September	3.51	30	105.30
October	2.39	31	74.09
November	1.09	30	32.70
December	0.00	31	0.00

PLEASE NOTE: We cannot use the season average, because there are several areas in Northern Idaho with a negative Precipitation Deficit. Therefore, we must enter each monthly deficit, and enter in a zero (0) for each negative month. The reason for this is that precipitation can only offset evaporation to the extent of the evaporation.

Please enter the daily average Precipitation Deficit as shown in the example below.

Although it has sometimes been useful to consider wintertime evaporation to be zero, Allen and Robison (2007, p. 169) noted, "Evaporation during nongrowing (wintertime) periods varies widely"

¹Negative monthly mean values should be entered in the above table as "0".

Total mm/year = 634.11

[(mm/yr) ÷ (convert to feet)] X (Surface area of pond, in acres) = Evaporation Loss in Acre Feet

(634.11 ÷ 304.8) X 1.17 = 2.4 AFA

Surface Area of Pond is automatically Carried over from the Seepage Loss Sheet.

TOTAL STORAGE

FILE NUMBER	XX-XXXXX
REVIEWER	Joe Agent
DATE	1/1/2013

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total seepage, evaporation and fill capacity required for a pond

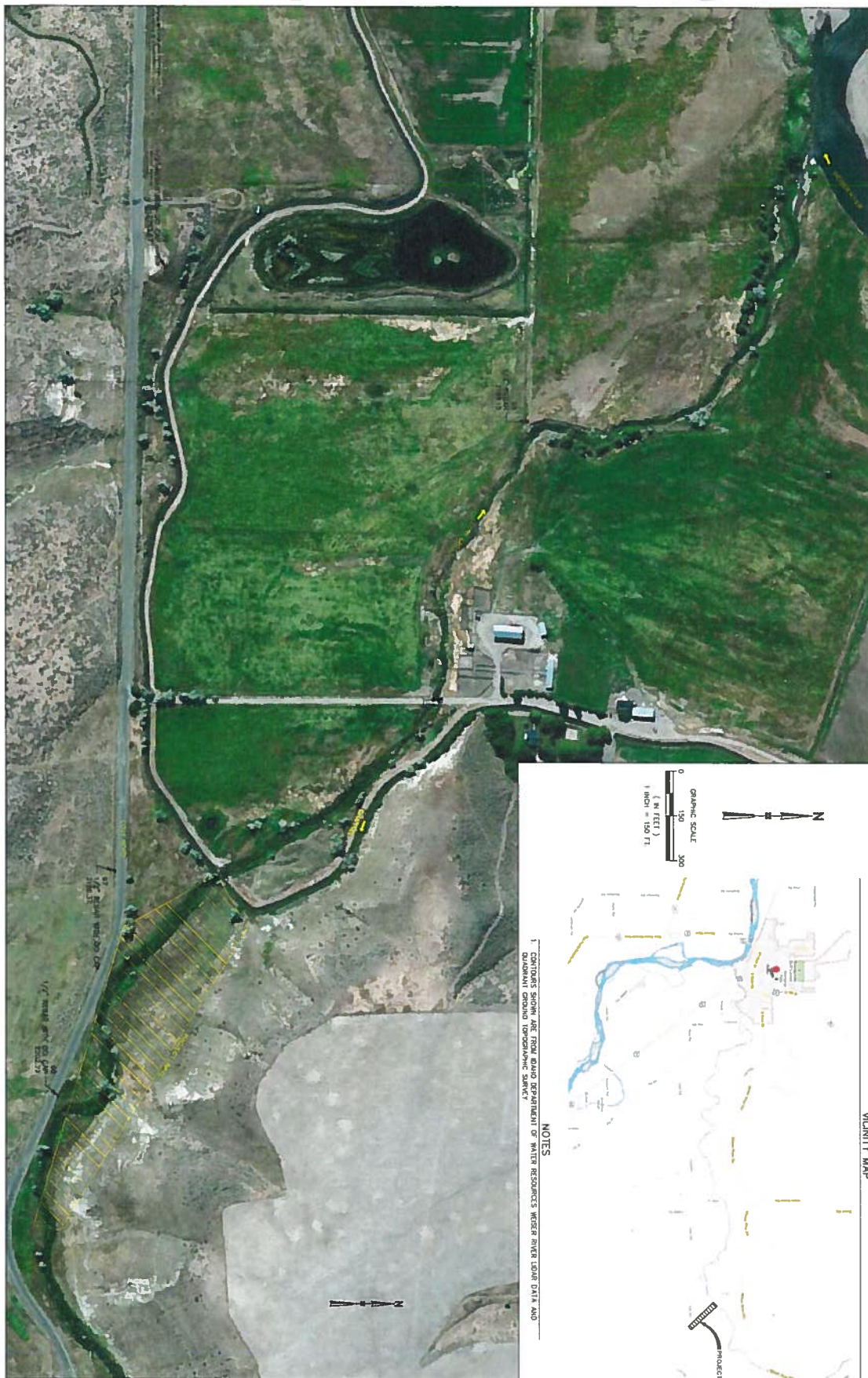
Surface Area (in Acres)	1.17	"Surface Area" is automatically carried over from the "Seepage Loss Sheet"
Average Pond Depth (in feet)	0.6	"Average Pond Depth" depicts the actual depth of the pond either measured or estimated. Note: If you know the maximum depth and not the average depth, the field examiner's handbook suggest multiplying the maximum depth by 0.4 to get the average depth, or you can use any method that
Pond Capacity (in acre feet)	0.702	Pond Capacity is calculated by multiplying the Pond Surface Area by the Average Pond Depth. If you know the capacity, divide the capacity by surface area and enter the average pond depth in the

Volume Needed Above Initial Fill to Fulfill From Storage Needs- "Multiple Fills" (in acre feet)	0	The "Volume Needed Above Initial Fill" is the acre-feet of water required to meet a <i>from storage</i> component if the <i>from storage</i> component exceeds a one time fill. This section should not include the amount of water needed to fill the pond initially or the amount of water needed to maintain the pond level due to evaporation or seepage. For example: if a pond has a capacity of 5 acre feet and 2.5 acre feet of seepage and evaporation, but the pond is used for irrigation that requires 10 acre feet of from storage for the irrigation use, then you would insert 5 acre feet into this location (10 acre feet needed - 5 acre feet from the initial fill = 5 acre feet of additional storage needed). PLEASE NOTE: You must have a "From Storage" component exceeding the initial fill on the permit to include a volume in this space.
Estimated Seepage Loss (in acre feet)	3.0	The "Estimated Seepage Loss" is automatically carried over from the Seepage Loss Sheet
Estimated Evaporation Loss (in acre feet)	2.4	The "Estimated Evaporation Loss" is automatically carried over from the Evaporation Loss Sheet
Total Volume Required (in acre feet)	6.1	"The Total Volume Required" is calculated by adding the Pond Capacity, Multiple Fills, Seepage Loss, and Evaporation Loss amounts to determine the total amount of storage required.

Flow Rate Into Pond (in cfs)	2.00	The "Flow Rate" into the Pond depicts the actual flow either measured or estimated into the pond.
Highest Daily Evaporation Rate From Evaporation Tab. (in mm/day)	4.27	This number is automatically selected by picking the highest recorded number in the "Precipitation Deficit Table".
Maximum Required Daily Maintenance Volume (in acre feet per day)	0.02	"Maximum Required Daily Maintenance Volume" is the maximum volume of water needed on any given day during the year, and is calculated by adding the highest daily evaporation loss to the average daily seepage loss in acre feet. The average daily seepage loss is calculated by dividing the "Estimated Seepage Loss" by 365 days. This is acceptable, since the seepage rate shouldn't vary throughout the season unless the pond completely freezes over during the winter months. The highest daily evaporation loss is calculated by dividing the Highest Daily Evaporation Rate by the 304.8 conversion factor and multiplying this number by the pond surface area to attain a combined daily acre feet requirement.
Minimum Maintenance Flow (in cfs)	0.01	The "Minimum Maintenance Flow" is the minimum amount of flow required to maintain the level of the pond. This number is determined by dividing the "Maximum Required Daily Maintenance Volume" by 1.9835. This flow can be used to determine if the flow rate into the pond is adequate to maintain the pond level.
Days Required to Fill the Pond	0	The "Days Required to Fill the Pond" is calculated by dividing the "Pond Capacity" by the "Flow Rate" minus "Minimum Maintenance Flow" multiplied by 1.9835. This section will assist you in determining if the flow rate being diverted to the pond is adequate to fill the pond while maintaining the pond level. The length of time to fill the pond will help determine if the flow rate is adequate for the size of pond being proposed. This number should be between 1 and 365 days for a project to be successful.
Days Required to Fill the Pond at 13,000 gallons per day	46	The "Days Required to Fill the Pond at 13,000 gallons per day" is calculated converting the "Pond Capacity" and the "Maximum Daily Maintenance Volume" to gallons. The "Pond Capacity" is then divided by 13,000 gallons minus the "Maximum Daily Maintenance Volume" in gallons to determine the number of days to fill pond. This number should be between 1 and 365 if this pond is to be described as a domestic use.

User Input
Calculated value
Formula Explanations

COVE CREEK RANCH



NOTES
1. CONTOURS SHOWN ARE FROM ROAD DEPARTMENT OF WATER RESOURCES WESTER RIVER LOAN DATA AND
QUADRANT GROUND TOPOGRAPHIC SURVEY

REVISIONS			
NO.	DATE	BY	REVISION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

C-1.0

COVE CREEK RANCH OVERALL MAP

WEISER

SCALE:
1" = 150'

PROJECT NO.
607-02

©AND

Quadrant
Consulting, Inc.

1804 N. Overland Rd.
Boise, Idaho 83705
(208) 342-0081 PHONE (208) 342-0082 FAX
CIVIL ENGINEERING-SURVEYING

67-15104



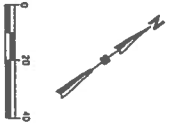
-
- Figure 1: Diverison Pipe Profile. The diagram illustrates a cross-section of a diversion pipe system. The main pipe is shown with a diversion section. Key features include: 'INVERT OUT AT POND' at the top left; 'FL. MATERIAL, GRAVEL' and 'FL. ESTIMATE AT 2' (VERY) SLOPE' in the upper section; 'GULF MATERIAL, CLAY' and 'GULF AT 2' (VERY) SLOPE' in the middle section; 'INVERT IN AT POND' and 'INVERT OUT AT POND' at the bottom left; 'INVERT IN AT 2' (VERY) SLOPE' and 'INVERT OUT AT 2' (VERY) SLOPE' in the lower middle section; 'GULF AT 2' (VERY) SLOPE' and 'GULF AT 2' (VERY) SLOPE' in the bottom right section. The diagram is labeled 'DIVERSION PIPE PROFILE' and includes a scale from 0 to 100 feet.

1. PHOTOCOPY, MINIMUM OF 1 OR COVER OVER ALL PER AT ALL THE FOLLOWING LOCATIONS:
 - a. COVER COVER BACK TO EXISTING CARD, A1, C1, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, D47, D48, D49, D50, D51, D52, D53, D54, D55, D56, D57, D58, D59, D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D70, D71, D72, D73, D74, D75, D76, D77, D78, D79, D80, D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93, D94, D95, D96, D97, D98, D99, D100, D101, D102, D103, D104, D105, D106, D107, D108, D109, D110, D111, D112, D113, D114, D115, D116, D117, D118, D119, D120, D121, D122, D123, D124, D125, D126, D127, D128, D129, D130, D131, D132, D133, D134, D135, D136, D137, D138, D139, D140, D141, D142, D143, D144, D145, D146, D147, D148, D149, D150, D151, D152, D153, D154, D155, D156, D157, D158, D159, D160, D161, D162, D163, D164, D165, D166, D167, D168, D169, D170, D171, D172, D173, D174, D175, D176, D177, D178, D179, D180, D181, D182, D183, D184, D185, D186, D187, D188, D189, D190, D191, D192, D193, D194, D195, D196, D197, D198, D199, D200, D201, D202, D203, D204, D205, D206, D207, D208, D209, D210, D211, D212, D213, D214, D215, D216, D217, D218, D219, D220, D221, D222, D223, D224, D225, D226, D227, D228, D229, D230, D231, D232, D233, D234, D235, D236, D237, D238, D239, D240, D241, D242, D243, D244, D245, D246, D247, D248, D249, D250, D251, D252, D253, D254, D255, D256, D257, D258, D259, D260, D261, D262, D263, D264, D265, D266, D267, D268, D269, D270, D271, D272, D273, D274, D275, D276, D277, D278, D279, D280, D281, D282, D283, D284, D285, D286, D287, D288, D289, D290, D291, D292, D293, D294, D295, D296, D297, D298, D299, D300, D301, D302, D303, D304, D305, D306, D307, D308, D309, D310, D311, D312, D313, D314, D315, D316, D317, D318, D319, D320, D321, D322, D323, D324, D325, D326, D327, D328, D329, D330, D331, D332, D333, D334, D335, D336, D337, D338, D339, D340, D341, D342, D343, D344, D345, D346, D347, D348, D349, D350, D351, D352, D353, D354, D355, D356, D357, D358, D359, D360, D361, D362, D363, D364, D365, D366, D367, D368, D369, D370, D371, D372, D373, D374, D375, D376, D377, D378, D379, D380, D381, D382, D383, D384, D385, D386, D387, D388, D389, D390, D391, D392, D393, D394, D395, D396, D397, D398, D399, D400, D401, D402, D403, D404, D405, D406, D407, D408, D409, D410, D411, D412, D413, D414, D415, D416, D417, D418, D419, D420, D421, D422, D423, D424, D425, D426, D427, D428, D429, D430, D431, D432, D433, D434, D435, D436, D437, D438, D439, D440, D441, D442, D443, D444, D445, D446, D447, D448, D449, D450, D451, D452, D453, D454, D455, D456, D457, D458, D459, D460, D461, D462, D463, D464, D465, D466, D467, D468, D469, D470, D471, D472, D473, D474, D475, D476, D477, D478, D479, D480, D481, D482, D483, D484, D485, D486, D487, D488, D489, D490, D491, D492, D493, D494, D495, D496, D497, D498, D499, D500, D501, D502, D503, D504, D505, D506, D507, D508, D509, D510, D511, D512, D513, D514, D515, D516, D517, D518, D519, D520, D521, D522, D523, D524, D525, D526, D527, D528, D529, D530, D531, D532, D533, D534, D535, D536, D537, D538, D539, D540, D541, D542, D543, D544, D545, D546, D547, D548, D549, D550, D551, D552, D553, D554, D555, D556, D557, D558, D559, D560, D561, D562, D563, D564, D565, D566, D567, D568, D569, D570, D571, D572, D573, D574, D575, D576, D577, D578, D579, D580, D581, D582, D583, D584, D585, D586, D587, D588, D589, D590, D591, D592, D593, D594, D595, D596, D597, D598, D599, D600, D601, D602, D603, D604, D605, D606, D607, D608, D609, D610, D611, D612, D613, D614, D615, D616, D617, D618, D619, D620, D621, D622, D623, D624, D625, D626, D627, D628, D629, D630, D631, D632, D633, D634, D635, D636, D637, D638, D639, D640, D641, D642, D643, D644, D645, D646, D647, D648, D649, D650, D651, D652, D653, D654, D655, D656, D657, D658, D659, D660, D661, D662, D663, D664, D665, D666, D667, D668, D669, D670, D671, D672, D673, D674, D675, D676, D677, D678, D679, D680, D681, D682, D683, D684, D685, D686, D687, D688, D689, D690, D691, D692, D693, D694, D695, D696, D697, D698, D699, D700, D701, D702, D703, D704, D705, D706, D707, D708, D709, D710, D711, D712, D713, D714, D715, D716, D717, D718, D719, D720, D721, D722, D723, D724, D725, D726, D727, D728, D729, D730, D731, D732, D733, D734, D735, D736, D737, D738, D739, D740, D741, D742, D743, D744, D745, D746, D747, D748, D749, D750, D751, D752, D753, D754, D755, D756, D757, D758, D759, D760, D761, D762, D763, D764, D765, D766, D767, D768, D769, D770, D771, D772, D773, D774, D775, D776, D777, D778, D779, D780, D781, D782, D783, D784, D785, D786, D787, D788, D789, D790, D791, D792, D793, D794, D795, D796, D797, D798, D799, D800, D801, D802, D803, D804, D805, D806, D807, D808, D809, D810, D811, D812, D813, D814, D815, D816, D817, D818, D819, D820, D821, D822, D823, D824, D825, D826, D827, D828, D829, D

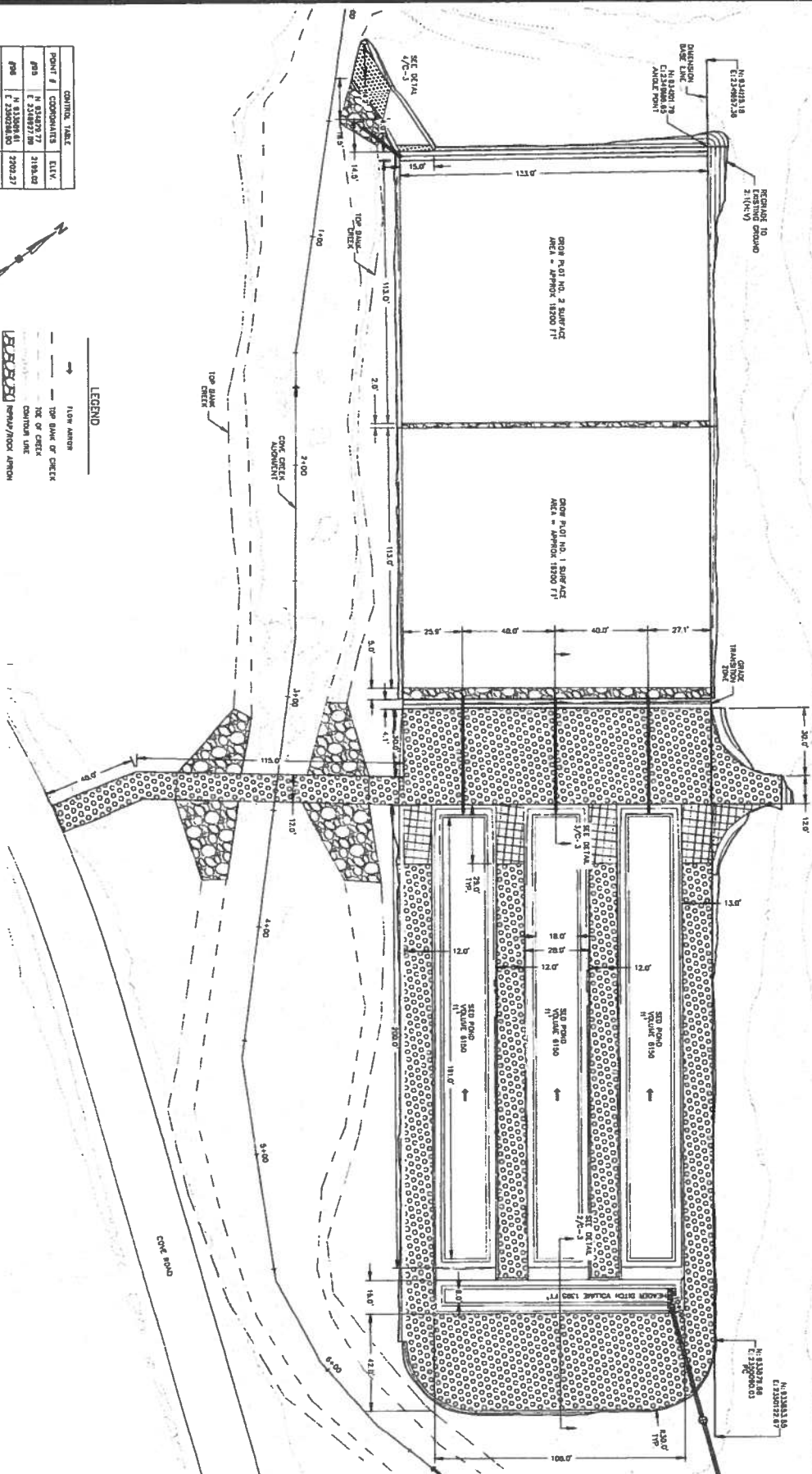
CONTINGENT TABLE			
POINT #	COORDINATES	ELEV.	
875	N 0.31078 77 E 2.240277 49	2184.02	
876	N 0.31488 81 E 2.252018 60	2202 37	
877	N 0.31791 41 E 2.254928 24	2189 37	
878	N 0.32178 59 E 2.257497 08	2188.15	
879	N 0.32533 20 E 2.261712 38	2201.87	

 **Quadrant Consulting, Inc.**
1804 S. Overland Rd
Bohota, Idaho 83703
342-6091 PHONE (208) 342-6082 F.
CIVIL ENGINEERING SURVEYING

POINT #	COORDINATES	ELIV.
P01	N 832493.77 E 324887.86	2186.82
P02	N 832498.61 E 324888.60	2202.27
P03	N 832498.61 E 324888.60	2186.27
P04	N 832498.61 E 324888.60	2186.27
P05	N 832498.61 E 324888.60	2186.27
P06	N 832498.61 E 324888.60	2186.27
P07	N 832498.61 E 324888.60	2186.27
P08	N 832498.61 E 324888.60	2186.27
P09	N 832498.61 E 324888.60	2186.27
P10	N 832498.61 E 324888.60	2186.27



- LEGEND**
- Flow Arrow
 - Top Bank of Creek
 - Toe of Creek
 - Control Line
 - Bridge/Rock Arch
 - PPC
 - Rock Division Structure
 - Maintenance Access
 - Road
 - Malone
 - Overlook Area
 - Road Edge Transition



NO.	DATE	BY	CHKD.	DESCRIPTION
1	10/1/01	WJS	WJS	INITIAL DESIGN
2	10/1/01	WJS	WJS	REVISED DESIGN
3	10/1/01	WJS	WJS	REVISED DESIGN
4	10/1/01	WJS	WJS	REVISED DESIGN
5	10/1/01	WJS	WJS	REVISED DESIGN
6	10/1/01	WJS	WJS	REVISED DESIGN
7	10/1/01	WJS	WJS	REVISED DESIGN
8	10/1/01	WJS	WJS	REVISED DESIGN
9	10/1/01	WJS	WJS	REVISED DESIGN
10	10/1/01	WJS	WJS	REVISED DESIGN

COVE CREEK RANCH
SITE DIMENSION PLAN

WJSER
SCALE: 1" = 20'
PROJECT NO. 607-02

Quadrant Consulting, Inc.
1000 N. Quaker Rd.
Bloomington, IN 47404
(765) 342-0000 PHONE (765) 342-0002 FAX
WWW.QUADRANTCONSULTING.COM

Sommer, Rachel

From: Sommer, Rachel
Sent: Tuesday, April 01, 2014 2:53 PM
To: Knowles, Corbin
Subject: Application for Exchange of Water
Attachments: 1 Watermaster Recommendation Form.docx; Application No. 61-2152.pdf

April 1, 2014

CORBIN KNOWLES
WATER DISTRICT #02
322 E FRONT ST
PO BOX 83720
BOISE, ID 83720-0098

RE: Application for Exchange No. 61-2152

Dear Watermaster:

The Idaho Department of Water Resources (IDWR) is seeking written comment and/or recommendations from you regarding the above referenced water right application. A copy of the application is enclosed with this email for your reference. Please review the application, complete the attached recommendation form, and submit your reply, if any, to this office by April 21, 2014.

IDWR will assume you do not object to this application if a timely response is not received. Please contact me if you have any questions in this matter. Thank you for your help.

Sincerely,

Rachel Sommer

Administrative Assistant
Dept. of Water Resources
Western Regional Office
2735 Airport Way, Boise ID 83705
Phone 208-334-2190 | Fax 208-334-2348
Email: rachel.sommer@idwr.idaho.gov

Sommer, Rachel

From: Sommer, Rachel
Sent: Tuesday, April 01, 2014 12:18 PM
To: 'watermaster67@hotmail.com'
Subject: Application for Permit
Attachments: Watermaster Recommendation Form.docx; Application for Permit 67-15104.pdf

April 1, 2014

BRANDI HORTON
WATER DISTRICT #67
2297 SNAPP LN
MIDVALE ID 83645

RE: Application for Permit No. 67-15104

Dear Watermaster:

The Idaho Department of Water Resources (IDWR) is seeking written comment and/or recommendations from you regarding the above referenced water right application(s). A copy of the application(s) is enclosed with this email for your reference. Please review the application(s), complete the enclosed recommendation form, and submit your reply, if any, to this office by the protest deadline of April 21, 2014.

If your agency desires to formally protest approval of this application, you may do so by filing a written protest along with a \$25.00 filing fee for each protested application by the protest deadline..

IDWR will assume you do not object to this application(s) if a timely response is not received. Please contact me if you have any questions in this matter. Thank you for your help.

Sincerely,

Rachel Sommer

Administrative Assistant
Dept. of Water Resources
Western Regional Office
2735 Airport Way, Boise ID 83705
Phone 208-334-2190 | Fax 208-334-2348
Email: rachel.sommer@idwr.idaho.gov

Sommer, Rachel

From: Sommer, Rachel
Sent: Tuesday, April 01, 2014 12:17 PM
To: 'rick.ward@idfg.idaho.gov'
Subject: Application for Permit
Attachments: Agency Recommendation Form.docx; Application for Permit 67-15104.pdf

April 1, 2014

STATE OF IDAHO
DEPT OF FISH & GAME
ATTN: RICK WARD
3101 S POWERLINE RD
NAMPA, ID 83686

RE: Application for Permit No. 67-15104

Dear Mr. Ward:

The Idaho Department of Water Resources (IDWR) is seeking written comment and/or recommendations from your agency regarding the above referenced water right applications. A copy of the applications are enclosed with this email for your reference. Please review the applications, complete the enclosed recommendation form, and submit your reply, if any, to this office by the protest deadline of April 21, 2014.

If your agency desires to formally protest approval of this application, you may do so by filing a written protest along with a \$25.00 filing fee for each protested application by the protest deadline.

IDWR will assume your agency does not object to this application if a timely response is not received. Please contact me if you have any questions regarding the application. Thank you for your help.

Sincerely,

Rachel Sommer

Administrative Assistant
Dept. of Water Resources
Western Regional Office
2735 Airport Way, Boise ID 83705
Phone 208-334-2190 | Fax 208-334-2348
Email: rachel.sommer@idwr.idaho.gov

Sommer, Rachel

From: Sommer, Rachel
Sent: Thursday, March 27, 2014 10:27 AM
To: IDAHOFIDDLER@YAHOO.COM
Subject: Washington Legal Ad
Attachments: Washington Cover Letter.docx; Washington Legal Ad.docx

Hello again Sarah Boles,

Please disregard the email I sent you a few minutes ago for advertising.

The attached ad is now ready for publication for dates : 4/2/2014 & 4/9/2014.

Please confirm these are okay to publish as shown.

Thank you again,

Rachel Sommer

Administrative Assistant
IDWR, Western Region
Office: 208-334-2190
Fax: 208-334-2348
rachel.sommer@idwr.idaho.gov

March 27, 2014

LEGAL NOTICE DEPARTMENT
WEISER SIGNAL
PO BOX 709
WEISER, ID 83672

RE: Application for Permit No. 67-15104

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 4/21/2014. Your cooperation is appreciated.

Sincerely,

Rachel Sommer
Administrative Assistant

Enclosures

The following application has been filed to appropriate the public waters of the State of Idaho:

67-15104

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

Point of Diversion SWSE S3 T10N R04W WASHINGTON County Source COVE CREEK Tributary WEISER RIVER

Use: DIVERSION TO STORAGE, WATER QUALITY IMPROVEMENT 01/01 to 12/31 2 CFS

Use: WATER QUALITY IMPROVEMENT STORAGE 01/01 to 12/31 6.1 AF

Use: IRRIGATION 03/01 to 11/15 0.02 CFS

Total Diversion: 2 CFS

Date Filed: 12/20/2013

Place of Use: IRRIGATION, WATER QUALITY IMPROVEMENT, WATER QUALITY IMPROVEMENT STORAGE

T10N R04W S3 SWSE

T10N R04W S10 NWNE

Total Acres: 0.8

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Western Region office at (208) 334-2190; or for a full description of the right(s), please see www.idwr.idaho.gov/apps/ExtSearch/WRFiling.asp. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise ID 83705 together with a protest fee of \$25.00 for each application on or before 4/21/2014. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 4/2/2014 and 4/9/2014

Lester, Steve

From: Hal Anderson [hal@idahowaterengineering.com]
Sent: Tuesday, December 24, 2013 9:23 AM
To: Lester, Steve
Cc: 'Dave Tuthill'; 'ervin ballou'; 'Rob Tiedemann'; steve@quadrant.cc; 'Carl D. Rey'
Subject: Cove Creek Constructed Wetland Water Right Application
Attachments: Cove Creek Piezometer Measurements.xlsx

Steve,

Thank you for spending time with me on Friday to discuss the Cove Creek Constructed Wetland water right application. During our discussion you mentioned that because the application does have a consumptive use, specifically the irrigation of .8 acres of wetland plants or grow plots, that the water master may require mitigation after June 15. At this point it is unclear because of the location of the project if there will be a mitigation requirement or not, I will contact the Water Master, but if there is the property owner recently purchased 700 acre feet of storage water from Crane Creek Reservoir some of which could be delivered to mitigate the grow plot consumptive use.

Another question you had was related to if we would be intercepting ground water in the sediment ponds or grow plots. The answer to your question is no we will not in fact we dug soil test pits last fall and installed piezometers so as to measure ground water elevations prior to construction. Attached is a spreadsheet showing the depth to water measurements we have taken to date. Note that station 1 is not in the project area but downstream near the ranch entrance road. Our design for the sediment ponds includes a depth of 2 feet and a 1 foot depth for the grow plots. As you can see from our depth to water measurements, the water table elevation at the shallowest point is 48 inches, so we should be 2 feet above the water table for the sediment ponds. Let me know if you have any other questions and have a Merry Christmas. -Hal

Hal N. Anderson

Managing Partner

Idaho Water Engineering

2918 N. El Rancho Place, Boise ID. 83704

321 S. Leadville, Ketchum ID. 83340

www.idahowaterengineering.com

hal@idahowaterengineering.com

Office: (208) 378-1513

Cell: (208) 830-5525

Fax: (888) 538-7703

- 6/15 curtailment maybe not needed at tail end of weir system? *
- Mitigation water available if needed to keep diverting after 6/15
- shallow ground water N/A
- SL
- * But include 6/15 condition¹ of approval anyway?

Cove Creek Piezometer Measurements

Station	1	2	3	4	5	6
Measurement Date 9-23-2013						
Depth to Water in Inches	47	56	59	59	65	66
Measurement Date 10-23-2013						
Depth to Water	46	52	54	55	53	55
Measurement Date 12-2013						
Depth to Water	58	49	48	49	51	48