

1

Nam 
 Sunny Valley Sand & Gravel, Inc. (R-87931)
 By Attn: Andreas Blech
 Addr 1867 Williams Hwy Ste 260
 Grants Pass, OR 97527-5804

Priority 9-12-13
 County Josephine WM# 14

RELATED FILES

DEVELOPMENT

Date

Completion _____

Extended to _____

Final Proof received _____

Proposed Cert. Mailed _____

Application No. R-87931 **ALT**

Permit No. _____

Certificate No. _____

Date

DENIED _____

MISFILED _____

WITHDRAWN _____

CANCELLED _____

Volume Page

FEES PAID

Date	Amount	Receipt No.
9-12-13	\$2750.00	109942

Cert. Fee

FEES REFUNDED

Date	Amount	Receipt No.

ASSIGNMENTS

Date	To Whom	Address

REMARKS _____

MAP LOCATION _____



Oregon

Kate Brown, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

SENT VIA ELECTRONICALLY

April 28, 2021

SUNNY VALLEY SAND AND GRAVEL INC.
ANDREAS BLECH
1867 WILLIAMS HWY SUITE 260
GRANTS PASS, OR 97527

Reference: File R-87931

Dear Applicant:

On April 28, 2021, the Water Resources Department received a letter from your agent, Elizabeth E. Howard, requesting an additional 180-day administrative hold on processing the above-referenced application in order to have sufficient time to continue efforts of gathering data to evaluate whether groundwater is likely to infiltrate into Reservoir 3.

The Department has determined that a longer administrative hold is reasonable and necessary and has approved your request. The Department will not take any action on this application until **October 28, 2021**, unless you request we proceed sooner.

If you need to request additional time, your request will need to show justification for why additional time is reasonable and necessary, that substantial progress is being made towards being ready to proceed with application processing, and a specific time line which identifies when you anticipate being ready to continue with the application process.

If you have any questions, please contact your caseworker, Kim French, at kim.r.french@oregon.gov.

Sincerely,

Alyssa Mucken

Digitally signed by Alyssa Mucken
Date: 2021.05.05 13:12:20 -07'00'

Alyssa Mucken
Water Rights Section Manager

cc: File
WM #14
Elizabeth E. Howard – ehoward@schwabe.com
ODFW – Danette Faucera – Danette.L.Faucera@oregon.state.or.us
WRD – Corey Courchane
WRD – Lisa Jaramillo



Oregon

Kate Brown, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

November 1, 2019

SUNNY VALLEY SAND AND GRAVEL INC.
ANDREAS BLECH
1867 WILLIAMS HWY SUITE 260
GRANTS PASS, OR 97527

Reference: File R-87931

Dear Applicant:

On November 1, 2019, the Water Resources Department received a letter from your agent, Elizabeth E. Howard, requesting an additional 180-day administrative hold on processing the above-referenced application in order to have sufficient time to continue its efforts to gather data to evaluate whether groundwater is likely to infiltrate into Reservoir 3.

The Department has determined that a longer administrative hold is reasonable and necessary and has approved your request. The Department will not take any action on this application until **May 6, 2020**, unless you request we proceed sooner.

If you need to request additional time, your request will need to show justification for why additional time is reasonable and necessary, that substantial progress is being made towards being ready to proceed with application processing, and a specific time line which identifies when you anticipate being ready to continue with the application process.

If you have any questions, please contact me at Kim French at Kim.R.French@oregon.gov or 503-986-0816.

Sincerely,

Kim French
Water Right Application Specialist

cc: File
WM #14
Elizabeth E. Howard – ehoward@schwabe.com email sent 11/1/19

November 1, 2019

Elizabeth E. Howard

Admitted in Oregon, Washington and
North Dakota

T: 503-796-2093

C: 503-312-8765

ehoward@schwabe.com

VIA E-MAIL (KIM.R.FRENCH@OREGON.GOV)

Kim R. French
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

RE: Sunny Valley Sand & Gravel Application R 87931
Request for Continuation of Administrative Hold
Our File No.: 123805-182220

Dear Kim:

I am writing on behalf of Sunny Valley Sand & Gravel ("Sunny Valley") to request a further 180 day administrative hold on Application R 87931. The current administrative hold expires November 6, 2019.

Sunny Valley is requesting an additional 180 day administrative hold in order to have sufficient time to continue its efforts to gather data to evaluate whether groundwater is likely to infiltrate into Reservoir 3. That information is necessary for Sunny Valley and OWRD to determine how to proceed with application R 87931, and the type of seal that may be required for the reservoir, if any. This request is justified for the reasons that follow.

OWRD issued permits to Sunny Valley for Reservoir 2 (R-15228) and Reservoir 4 (R-15230) on September 14, 2017. The permits were subject to reconsideration requests and were re-issued with modifications on March 22, 2018. Sunny Valley has worked on the permitted reservoirs and appurtenances, and pursuant to the modified permits, has also evaluated how to comply with the requirement to line the reservoirs. After discussion with OWRD and making its own evaluation, Sunny Valley is planning to line the reservoirs with clay derived from sand and gravel deposits on the property.

In order to extract the clay, Sunny Valley must have a water right for mining uses. It is in the process of obtaining approval of a transfer application for a change in type of use and point of diversion for its established irrigation water right Certificate 3943. T-12837 was proposed for denial, but may be approved upon a consent to injury and resolution of a protest by Water Watch of Oregon.

Sunny Valley has been working closely with Oregon Department of Fish and Wildlife to develop a mitigation proposal that is acceptable to ODFW such that Sunny Valley may obtain a consent to injury for the point of diversion transfer application and continue in the efforts needed to line

Kim R. French
November 1, 2019
Page 2

the existing reservoirs and evaluate whether that approach will be sufficient to address the likelihood of groundwater infiltrating Reservoir 3. This process is still underway as it has required an extended effort by ODFW and responses from Sunny Valley ensuring the mitigation proposed will meet the required thresholds for a consent to injury.

Once the consent to injury is assessed by OWRD, Sunny Valley understands that there will still be some time to resolve Water Watch's protest on the transfer.

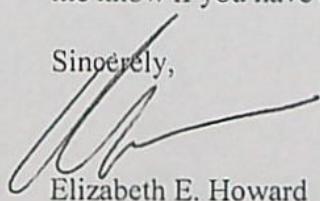
In addition, to divert water from the new point of diversion proposed by the transfer, Sunny Valley is required to obtain a removal/fill permit from the Department of State Lands and Army Corps of Engineers. Sunny Valley has previously submitted the necessary application to obtain that permit and is working closely with DSL and the Corps toward that end. While the DSL process is moving forward, Sunny Valley has experienced a significant delay with the Corps permit process. Just recently, a new project manager was assigned to the permit application as a result.

These efforts are taking significant time and financial resources and must be completed before Sunny Valley is able to complete the liners for Reservoirs 2 and 4 so as to obtain information related groundwater infiltration related to Reservoir 3 and confirm how it will proceed related to this matter.

In sum, Sunny Valley is continuing its efforts to obtain the necessary approvals on related permits and the transfer so that it can complete Reservoirs 2 and 4 and thereby obtain the necessary information concerning groundwater infiltration for Reservoir 3. At that time Sunny Valley also anticipates it will have financial resources and capacity to put toward Reservoir 3.

Thank you for your assistance on this matter and your consideration of this request. Please let me know if you have any questions or need additional information to process it.

Sincerely,



Elizabeth E. Howard

EEH/cw

cc: Andreas Blech

PDX\123805\182220\EEH\26458551.1



Oregon

Kate Brown, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

May 13, 2019

SUNNY VALLEY SAND AND GRAVEL INC.
ANDREAS BLECH
1867 WILLIAMS HWY SUITE 260
GRANTS PASS, OR 97527

Reference: File R-87931

Dear Applicant:

On May 6, 2019, the Water Resources Department received a letter from your agent, Elizabeth E. Howard, requesting an additional 180-day administrative hold on processing the above-referenced application in order to have sufficient time to continue its efforts to gather data to evaluate whether groundwater is likely to infiltrate into Reservoir 3.

The Department has determined that a longer administrative hold is reasonable and necessary and has approved your request. The Department will not take any action on this application until **November 6, 2019**, unless you request we proceed sooner.

If you need to request additional time, your request will need to show justification for why additional time is reasonable and necessary, that substantial progress is being made towards being ready to proceed with application processing, and a specific time line which identifies when you anticipate being ready to continue with the application process.

If you have any questions, please contact Kim French at Kim.R.French@oregon.gov or 503-986-0816.

Sincerely,

Alyssa Mucken
Water Rights Section Manager

cc: File

WM #14

Elizabeth E. Howard

Schwabe, Williamson & Wyatt, 530 Center St. NE, STE 400, Salem OR 97301

May 6, 2019

Elizabeth E. Howard

Admitted in Oregon, Washington and
North Dakota

T: 503-796-2093

C: 503-312-8765

ehoward@schwabe.com

VIA E-MAIL (SCOTT.A.GREW@OREGON.GOV)

Scott Grew
Water Rights Application Caseworker
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

RE: Sunny Valley Sand & Gravel Application R 87931
Request for Continuation of Administrative Hold
Our File No.: 123805-182220

Dear Scott:

I am writing on behalf of Sunny Valley Sand & Gravel ("Sunny Valley") to request a further 180 day administrative hold on Application R 87931. The current administrative hold expires May 13, 2019.

Sunny Valley is requesting an additional 180 day administrative hold in order to have sufficient time to continue its efforts to gather data to evaluate whether groundwater is likely to infiltrate into Reservoir 3. That information is necessary for Sunny Valley and OWRD to determine how to proceed with application R 87931, and the type of seal that may be required for the reservoir, if any. This request is justified for the reasons that follow.

OWRD issued permits to Sunny Valley for Reservoir 2 (R-15228) and Reservoir 4 (R-15230) on September 14, 2017. The permits were subject to reconsideration requests and were re-issued with modifications on March 22, 2018. Sunny Valley has worked on the permitted reservoirs and appurtenances, and pursuant to the modified permits, has also evaluated how to comply with the requirement to line the reservoirs. After discussion with OWRD and making its own evaluation, Sunny Valley is planning to line the reservoirs with clay derived from sand and gravel deposits on the property.

In order to extract the clay, Sunny Valley must have a water right for mining uses. It is in the process of obtaining approval of a transfer application for a change in type of use and point of diversion for its established irrigation water right Certificate 3943. T-12837 was proposed for denial, but may be approved upon a consent to injury and resolution of a protest by Water Watch of Oregon. Sunny Valley has been working closely with Oregon Department of Fish and Wildlife to develop a mitigation proposal that is acceptable to ODFW such that Sunny Valley may obtain a consent to injury for the point of diversion transfer application and continue in the efforts needed to line the existing reservoirs and evaluate whether that approach will be sufficient

Scott Grew
May 6, 2019
Page 2

to address the likelihood of groundwater infiltrating Reservoir 3. Sunny Valley understands that there are multiple protests ahead of Water Watch's protest and that it may take more than a year before its protest is up for a hearing and resolution, should it be unable to resolve Water Watch's concerns through settlement.

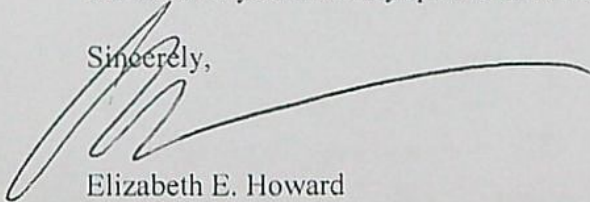
In addition, to divert water from the new point of diversion proposed by the transfer, Sunny Valley is required to obtain a removal/fill permit from the Department of State Lands and Army Corps of Engineers. Sunny Valley has, in the last 180 days, submitted the necessary application to obtain that permit and is working closely with DSL and the Corps toward that end. Each agency has made requests related to mitigation and for more information, which Sunny Valley has addressed through additional submittals.

These efforts are taking significant time and financial resources and must be completed before Sunny Valley is able to complete the liners for Reservoirs 2 and 4 so as to obtain information related groundwater infiltration related to Reservoir 3.

Sunny Valley is continuing its efforts to obtain the necessary approvals so that it can complete Reservoirs 2 and 4 and to thereby obtain the necessary information concerning groundwater infiltration for Reservoir 3. At that time Sunny Valley also anticipates it will have financial resources and capacity to put toward Reservoir 3.

Thank you for your assistance on this matter and your consideration of this request. Please let me know if you have any questions or need additional information to process it.

Sincerely,



Elizabeth E. Howard

EEH

cc: Andreas Blech
Shonee Langford

PDX\123805\182220\EEH\25343020.1



Oregon

Kate Brown, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

November 26, 2018

SUNNY VALLEY SAND AND GRAVEL INC.
ANDREAS BLECH
1867 WILLIAMS HWY SUITE 260
GRANTS PASS, OR 97527

Reference: File R-87931

Dear Applicant:

On November 14, 2018, the Water Resources Department received a letter from your agent, Elizabeth E. Howard, requesting an additional 180-day administrative hold on processing the above-referenced application in order to have sufficient time to continue its efforts to gather data to evaluate whether groundwater is likely to infiltrate into Reservoir 3.

The Department has determined that a longer administrative hold is reasonable and necessary and has approved your request. The Department will not take any action on this application until May 13, 2019, unless you request we proceed sooner.

If you need to request additional time, your request will need to show justification for why additional time is reasonable and necessary, that substantial progress is being made towards being ready to proceed with application processing, and a specific time line which identifies when you anticipate being ready to continue with the application process.

If you have any questions, please contact Scott Grew at scott.a.grew@oregon.gov or 503-986-0899.

Sincerely,

Dwight French
Water Right Services Division Administrator

cc: File
WM #14

Elizabeth E. Howard

Schwabe, Williamson & Wyatt, 530 Center St. NE, STE 400, Salem OR 97301

November 14, 2018

Elizabeth E. Howard
Admitted in Oregon, Washington and
North Dakota
T: 503-796-2093
C: 503-312-8765
ehoward@schwabe.com

VIA E-MAIL (SCOTT.A.GREW@OREGON.GOV)

Scott Grew
Water Rights Application Caseworker
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

RECEIVED

NOV 14 2018

OWRD

RE: Sunny Valley Sand & Gravel Application R 87931
Request for Continuation of Administrative Hold
Our File No.: 123805-182220

Dear Scott:

I am writing on behalf of Sunny Valley Sand & Gravel ("Sunny Valley") to request a further 180 day administrative hold on Application R 87931. The current administrative hold expires November 28, 2018.

Sunny Valley is requesting an additional 180 day administrative hold in order to have sufficient time to continue its efforts to gather data to evaluate whether groundwater is likely to infiltrate into Reservoir 3. That information is necessary for Sunny Valley and OWRD to determine how to proceed with application R 87931, and the type of seal that may be required for the reservoir, if any. This request is justified for the reasons that follow.

OWRD issued permits to Sunny Valley for Reservoir 2 (R-15228) and Reservoir 4 (R-15230) on September 14, 2017. The permits were subject to reconsideration requests and were re-issued with modifications on March 22, 2018. Sunny Valley has worked on the permitted reservoirs and appurtenances, and pursuant to the modified permits, has also evaluated how to comply with the requirement to line the reservoirs. After discussion with OWRD and making its own evaluation, Sunny Valley is planning to line the reservoirs with clay derived from sand and gravel deposits on the property.

In order to extract the clay, Sunny Valley must have a water right for mining uses. It is in the process of obtaining approval of a transfer application for a change in type of use and point of diversion for its established irrigation water right Certificate 3943. T-12837 was proposed for denial, but may be approved upon a consent to injury and resolution of a protest by Water Watch of Oregon. Sunny Valley is in the process of obtaining the consent to injury, and working closely with Oregon Department of Fish and Wildlife toward that end. Sunny Valley understands that there are multiple protests ahead of Water Watch's protest and that it may take more than a year before its protest is up for a hearing and resolution.

Scott Grew
November 14, 2018
Page 2

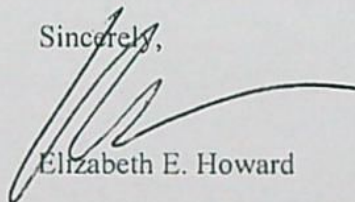
In addition, to divert water from the new point of diversion proposed by the transfer, Sunny Valley will be required to obtain a removal/fill permit from the Department of State Lands and Army Corps of Engineers. Sunny Valley is in the process of completing the necessary application to obtain that permit.

These efforts are taking significant time and financial resources and must be completed before Sunny Valley is able to complete the liners for Reservoirs 2 and 4 so as to obtain information related groundwater infiltration related to Reservoir 3.

Sunny Valley is continuing its efforts to obtain the necessary approvals so that it can complete Reservoirs 2 and 4 and to thereby obtain the necessary information concerning groundwater infiltration for Reservoir 3. At that time Sunny Valley also anticipates it will have financial resources and capacity to put toward Reservoir 3.

Thank you for your assistance on this matter and your consideration of this request. Please let me know if you have any questions or need additional information to process it.

Sincerely,



Elizabeth E. Howard

EEH

cc: Andreas Blech
Shonee Langford

PDX\123805\182220\EEH\24271338.1

RECEIVED

NOV 14 2018

OWRD

GREW, Scott A * WRD

From: Weckel, Chris <CWeckel@SCHWABE.com>
Sent: Wednesday, November 14, 2018 2:11 PM
To: GREW Scott A * WRD
Cc: Howard, Elizabeth E.
Subject: R 87931 - Request for administrative hold
Attachments: LT Scott Grew re 180 further hold 11142018.PDF

Mr. Grew,

Please find attached Elizabeth Howard's letter requesting an administrative hold. Please let us know you received this. Thank you.

Chris

Schwabe Williamson & Wyatt

Chris Weckel

Legal Secretary/Assistant to Elizabeth E. Howard, Noah Jarrett, Bill Ohle, Brien Flanagan and Jay Waldron
Direct: 503-796-3770
cweckel@schwabe.com

LEARN HOW OUR CLIENTS ARE
INNOVATING IN THEIR INDUSTRIES:
www.schwabe.com/fueling-change

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Oregon

Kate Brown, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

June 5, 2018

SUNNY VALLEY SAND AND GRAVEL INC.
ANDREAS BLECH
1867 WILLIAMS HWY SUITE 260
GRANTS PASS, OR 97527

Reference: File R-87931

Dear Applicant:

On June 1, 2018, the Water Resources Department received a letter from your agent, Elizabeth E. Howard, requesting an additional 180-day administrative hold on processing the above-referenced application because Sunny Valley will need some additional data specific to Reservoir 3 that ongoing work on permitted Reservoirs 2 and 4 will provide.

The Department has determined that a longer administrative hold is reasonable and necessary and has approved your request. The Department will not take any action on this application until **November 28, 2018**, unless you request we proceed sooner.

If you need to request additional time, your request will need to show justification for why additional time is reasonable and necessary, that substantial progress is being made towards being ready to proceed with application processing, and a specific time line which identifies when you anticipate being ready to continue with the application process.

If you have any questions, please contact Scott Grew at scott.a.grew@oregon.gov or 503-986-0899.

Sincerely,

Dwight French
Water Right Services Division Administrator

cc:

File

WM #14

Elizabeth E. Howard

Schwabe, Williamson & Wyatt, 530 Center St. NE, STE 400, Salem OR 97301

GREW Scott A * WRD

From: Weckel, Chris <CWeckel@SCHWABE.com>
Sent: Friday, June 01, 2018 10:19 AM
To: GREW Scott A * WRD
Cc: Howard, Elizabeth E.
Subject: Sunny Valley - R87931
Attachments: LT Scott Grew about administrative hold - 612018.PDF

Mr. Grew,

Please find enclosed Elizabeth Howard's letter requesting a further 180 day administrative hold. Please acknowledge receipt of this email and letter. Thank you.

Chris

Schwabe Williamson & Wyatt

Chris Weckel

Legal Secretary/Assistant to Elizabeth E. Howard, Noah Jarrett and Bill Ohle

Direct: 503-796-3770

cweckel@schwabe.com

**LEARN HOW OUR CLIENTS ARE
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www.schwabe.com/fueling-change

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June 1, 2018

Elizabeth E. Howard

Admitted in Oregon, Washington and
North Dakota

T: 503-796-2093

C: 503-312-8765

ehoward@schwabe.com

VIA E-MAIL (SCOTT.A.GREW@OREGON.GOV)

Scott Grew
Water Rights Application Caseworker
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

RE: Sunny Valley Sand & Gravel Application R 87931
Request for Continuation of Administrative Hold
Our File No.: 123805-182220

Dear Scott:

I am writing on behalf of Sunny Valley Sand & Gravel ("Sunny Valley") to request a further 180 day administrative hold on Application R 87931. The current administrative hold expires June 7, 2018. Sunny Valley is requesting an additional 180 day administrative hold in order to have sufficient time to continue its efforts to gather data to evaluate whether groundwater is likely to infiltrate into Reservoir 3. That information is necessary for Sunny Valley and OWRD to determine how to proceed with application R 87931, and the type of seal that may be required for the reservoir, if any. This request is justified for the reasons that follow.

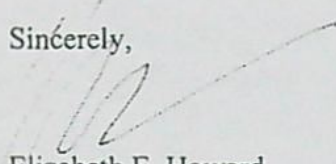
As you are aware, OWRD issued permits to Sunny Valley for Reservoir 2 (R-15228) and Reservoir 4 (R-15230) on September 14, 2017. The permits were subject to reconsideration requests and were re-issued with modifications on March 22, 2018. Sunny Valley has been working intentionally and effectively on building the permitted reservoirs and appurtenances, and is now, pursuant to the modified permits, also evaluating how to comply with the requirement to line the reservoirs. These efforts are taking significant time and financial resources that would otherwise be available for gathering additional information related groundwater infiltration related to Reservoir 3. In addition, Sunny Valley expects construction of Reservoirs 2 and 4, and completion of their liners to provide useful information in relation to the groundwater infiltration issues for Reservoir 3.

Sunny Valley intends to continue its efforts to gather information related to groundwater infiltration and Reservoir 3 as it completes the other reservoir projects, at which time it will also have additional financial resources and capacity to put toward Reservoir 3. Sunny Valley has made good progress on the development of Reservoirs 2 and 4, but they are not quite yet complete and with the additional need to complete liners, work is taking considerably longer than anticipated. Nonetheless, Sunny Valley continues to act with diligence toward completing these reservoirs, as finances and other unanticipated contingencies allow it to do so.

Scott Grew
June 1, 2018
Page 2

Thank you for your assistance on this matter and your consideration of this request. Please let me know if you have any questions or need additional information to process it.

Sincerely,



Elizabeth E. Howard

EEH

cc: Andreas Blech
Martha Pagel
Shonee Langford

PDX\123805\182220\EEH\23151458.1



Oregon

Kate Brown, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

December 7, 2017

Sunny Valley Sand and Gravel Inc.
Andreas Blech
1867 Williams HWY Suite 260
Grants Pass, OR 97527

Reference: File R-87931

Dear Applicant:

On December 7, 2017, the Water Resources Department received a letter from your agent, Elizabeth E. Howard, requesting an additional 180-day administrative hold on processing the above-referenced application to allow you additional time to continue your efforts to gather data to evaluate whether groundwater is unlikely to infiltrate into Reservoir 3.

The Department has determined that a longer administrative hold is reasonable and necessary and has approved your request. The Department will not take any action on this application until **June 7, 2018**, unless you request we proceed sooner.

If you need to request additional time, your request will need to show justification for why additional time is reasonable and necessary, that substantial progress is being made towards being ready to proceed with application processing, and a specific time line which identifies when you anticipate being ready to continue with the application process.

If you have any questions, please contact Scott Grew at scott.a.grew@oregon.gov or 503-986-0899.

Sincerely,

Dwight French
Water Right Services Division Administrator

cc: **File**
WM #14
Elizabeth E. Howard via e-mail ehoward@schwabe.com

December 7, 2017

Elizabeth E. Howard
Admitted in Oregon, Washington and
North Dakota
T: 503-796-2093
C: 503-312-8765
ehoward@schwabe.com

VIA E-MAIL (SCOTT.A.GREW@OREGON.GOV)

Scott Grew
Water Rights Application Caseworker
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

RE: Sunny Valley Sand & Gravel Application R 87931
Request for Administrative Hold
Our File No.: 123805-182220

RECEIVED

DEC 7 2017

OWRD

Dear Mr. Grew:

I am writing on behalf of Sunny Valley Sand & Gravel ("Sunny Valley") to request a further 180 day administrative hold on Application R 87931. The current administrative hold expires December 9, 2017. Sunny Valley is requesting an additional 180 day administrative hold in order to continue its efforts to gather data to evaluate whether groundwater is unlikely to infiltrate into Reservoir 3. That information is necessary for Sunny Valley and OWRD to determine how to proceed with application R 87931. This request is justified for the reasons that follow.

As you are aware, OWRD issued permits to Sunny Valley for Reservoir 2 (R-15228) and Reservoir 4 (R-15230) on September 14, 2017. Since that time, Sunny Valley has been working intentionally and effectively on building the permitted reservoirs and appurtenances. Sunny Valley recently was also required to respond to a petition for reconsideration on the two reservoir permits. These efforts have taken significant time and financial resources that would otherwise be available for gathering additional information related groundwater infiltration related to Reservoir 3. In addition, Sunny Valley expects construction of Reservoirs 2 and 4 to provide useful information in relation to the groundwater infiltration issues for Reservoir 3.

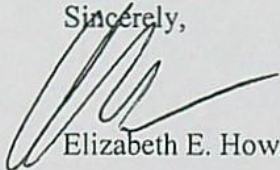
Sunny Valley intends to continue its efforts to gather information related to groundwater infiltration and Reservoir 3 as it completes the other reservoir projects, at which time it will also have additional financial resources and capacity to put toward Reservoir 3. Sunny Valley has made good progress on the development of Reservoirs 2 and 4, but they are not quite yet complete and with the onset of winter weather, work has slowed considerably. It will continue to act with diligence toward completing these reservoirs, as weather and finances allow it to do so.

Scott Grew
December 7, 2017
Page 2

Sunny Valley is also awaiting OWRD's confirmation that the permits issued for Reservoirs 2 and 4 were appropriately issued and are supported by the groundwater data provided to OWRD during the application process. This information will allow it to make appropriate decisions about how it should proceed with regard to collecting information related to Reservoir 3.

Thank you for your assistance on this matter and your consideration of this request. Please let me know if you have any questions or need additional information to process it.

Sincerely,



Elizabeth E. Howard

EEH

cc: Andreas Blech
Ms. Martha Pagel

PDX\123805\182220\EEH\21953385.1

RECEIVED

DEC 7 2017

OWRD



Oregon

Kate Brown, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

June 15, 2017

SUNNY VALLEY SAND AND GRAVEL INC.
ANDREAS BLECH
1867 WILLIAMS HWY SUITE 260
GRANTS PASS, OR 97527

Reference: File R-87931

Dear Applicant:

On June 12, 2017, the Water Resources Department received a letter from your agent, Elizabeth E. Howard, requesting an additional 180-day administrative hold on processing the above-referenced application to allow you time to gather data to evaluate whether groundwater is unlikely to infiltrate into Reservoir 3.

The Department has determined that a longer administrative hold is reasonable and necessary and has approved your request. The Department will not take any action on this application until **December 9, 2017**, unless you submit the stored water contract or request we proceed sooner.

If you need to request additional time, your request will need to show justification for why additional time is reasonable and necessary, that substantial progress is being made towards being ready to proceed with application processing, and a specific time line which identifies when you anticipate being ready to continue with the application process.

If you have any questions, please contact Scott Grew at scott.a.grew@oregon.gov or 503-986-0899.

Sincerely,

E. Timothy Wallin
Water Rights Program Manager

cc: **File**
WM #14
Elizabeth E. Howard

Schwabe, Williamson & Wyatt, 530 Center St. NE, STE 400, Salem OR 97301

June 12, 2017

Elizabeth E. Howard
Admitted in Oregon, Washington and
North Dakota
T: 503-796-2093
ehoward@schwabe.com

VIA E-MAIL (SCOTT.A.GREW@OREGON.GOV)

Scott Grew
Water Rights Application Caseworker
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

RE: Sunny Valley Sand & Gravel Application R 87931
Update and Request for Administrative Hold
Our File No. 123805-182220

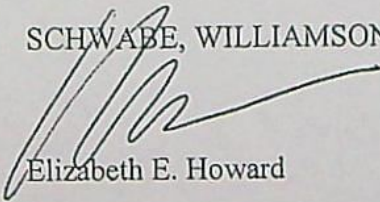
Dear Mr. Grew:

I am writing in follow up to my Friday, June 9, 2017 email regarding the above-referenced application. Sunny Valley Sand & Gravel ("Sunny Valley") is requesting an administrative hold on Application R 87931. This request is to provide Sunny Valley with time needed to gather data to evaluate whether groundwater is unlikely to infiltrate into Reservoir 3. When we requested that the hold be lifted in April 2017, we believed that the groundwater data for Reservoirs 2 and 4 would provide that information, but on further evaluation, it appears that Sunny Valley will need some additional data specific to Reservoir 3. It will take some time and effort to gather the necessary information. It is for this reason that we are seeking an administrative hold.

Thank you for your assistance on this matter, and please let me know if you have questions or need any additional information to process this request.

Very truly yours,

SCHWABE, WILLIAMSON & WYATT, P.C.

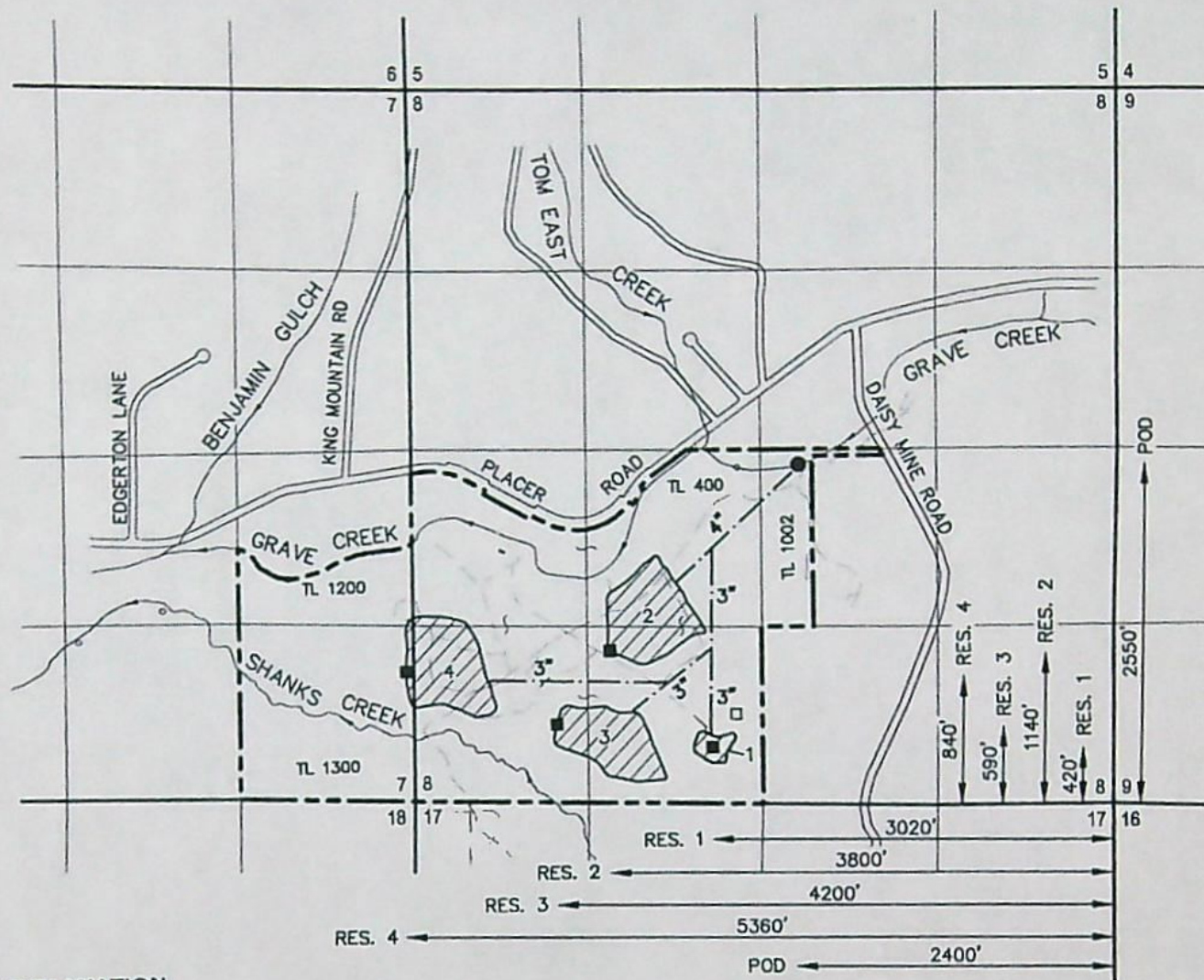


Elizabeth E. Howard

EEH/cw
cc: Client

PDX\123805\182220\EEH20954863.1

SECTIONS 7 & 8, T34S, R5W, W.M.
JOSEPHINE COUNTY



EXPLANATION

- POINT OF DIVERSION (POD)
- DAM OR CENTER OF RESERVOIR
- PROPOSED RESERVOIR AND NUMBER
- SECTION LINE
- - - PROPERTY LINE
- CREEK OR INTERMITTENT STREAM
- == PAVED ROAD
- UNPAVED ROAD
- - - PROPOSED PIPELINE AND SIZE

NOTE:

RESERVOIRS WILL BE LOCATED OFF CHANNEL.

RECEIVED

SEP 12 2013

WATER RESOURCES DEPT
SALEM, OREGON

AUGUST 7, 2013

THIS MAP IS NOT INTENDED TO PROVIDE
LEGAL DIMENSIONS OR LOCATIONS OF
PROPERTY OWNERSHIP LINES

SKOOKUM
WATER ASSOCIATES INC

P.O. BOX 80174
PORTLAND, OR 97280
(503) 319-8926



Sunny Valley Sand and Gravel Inc.
Reservoir Application Map
Westlake Consultants, Inc.

R 87931

Water Right Section - Application Comment Evaluation Form

Date: June 8, 2017

Applications: R-87930, R-87931, R-87932

Caseworker: Scott Grew

Name of Commentor: As many as 100 people signed in general opposition or commented.

Description: Multiple – see attachment

Evaluation of Comments: The Department evaluates Alternate Reservoir Applications for three criteria per ORS 537.409.

- a. water availability
- b. potential detrimental impact to existing fishery resources
- c. potential injury to existing water rights

Finding for FO: The Department considered comments received, however its findings remain unchanged.

ORS 537.409 ALTERNATE RESERVOIR CHECKLIST

FILE #: R-87931
WM DIST: 14
REGION: SWR
WID #: 15 - 31531009
PUBLIC NOTICE: 9/24/2013

Res name: RESERVOIR #3 Use: Multiple Purpose

Volume: 65 AF Dam height: ☐ zero ☒ < 10 ft ☐ ft

☒ Land use ☒ allowed ☐ not approved ☐ being pursued ☐ county notified ☐ needed ☐ NA

☒ SWW ☐ Out ☐ In (may not be allowed) ☒ Above* Rogue SWW

*Make sure to add SWW language from S:\groups\wr\Resource Center\language\Scenic Waterway gages-language

☒ Electronic/written comments? ☐ No ☒ Yes _____ Comment eval? ☐ N/A ☐ No ☒ Yes

☒ App w/in a District boundary ☒ No ☐ Yes, cc: _____

☒ In Umatilla ☒ No ☐ Yes - cc: Confederated Tribes of the Umatilla Indian Reservation, Nixyaawii Governance Center
46411 Timine Way, Pendleton, Oregon 97801

Water available: JAN - MAR

Allowed season: JAN FEB MAR ~~APR~~ ~~MAY~~ ~~JUN~~ ~~JUL~~ ~~AUG~~ ~~SEP~~ ~~OCT~~ ~~NOV~~ ~~DEC~~ all

Measurement Conditions: ☐ Small (≤ 9.2 af) | ☒ Medium (> 9.2 , but < 100 af) | ☐ Large (≥ 100 af or govt. entity) ?
*use ☐ staff gage if source is runoff or if res is in channel

Other Conditions: use ☐ fishmay if ODFW doesn't request screen/by-pass condition _____

fish div 33

BS12 Jan - March only

BS7 TFM

☒ Fees Paid? ☒ Yes ☐ No, need: _____
(\$300 base, \$25 per af, & \$400 recording) OR (\$350 base, \$30 per af, & \$450 recording)

Base (\$300 or \$350) 350 Recording Fee (\$400 or \$450) 450

AF (\$25, or \$30 per af) 1950

Total Exam Fees 2300

Exam Fees Paid 2300 Recording Fee Paid 450

☒ FO w/ permit # R-XXXXX

☐ FO w/ draft permit; still needed:

☐ fees
☐ easement
☐ land use

Remarks: _____

Completed by Scott on 5/18/2017. Peer review:



Oregon Water Resources Department Point of Diversion Characteristics

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Point of Diversion Characteristics

Right:	App: R 87931 *
Name:	SUNNY VALLEY SAND AND GRAVEL INC. ANDREAS BLECH

TRSQQ: 34.00S-05.00W-08-NWSE

County: Josephine

Basin: Rogue

WM District: 14

WM Region: SW

Withdrawn Area:

WAB: GRAVE CR > ROGUE R - AB BURGESS G (31531009)

GRAVE CR > ROGUE R - AB WOLF CR (71034)

Priority WAB: GRAVE CR @ 14372000 (OWRD: Good, ODFW: High) (31531009)

GRAVE CR ab WOLF CR (OWRD: Very good, ODFW: Highest)
(71034)

Rule 4D:

Groundwater Restricted

Area:

Scenic Water Way: ABOVE The Rogue Scenic Waterway

Division 33: STATEWIDE

Water Quality Limited: Yes

TRSQQ: 34.00S-05.00W-08-SWSW

County: Josephine

Basin: Rogue

WM District: 14

WM Region: SW

Withdrawn Area:

WAB: GRAVE CR > ROGUE R - AB BURGESS G (31531009)

GRAVE CR > ROGUE R - AB WOLF CR (71034)

Priority WAB: GRAVE CR @ 14372000 (OWRD: Good, ODFW: High) (31531009)

GRAVE CR ab WOLF CR (OWRD: Very good, ODFW: Highest)
(71034)

Rule 4D:

Groundwater Restricted

Area:

Scenic Water Way: ABOVE The Rogue Scenic Waterway

Division 33: STATEWIDE

Water Quality Limited:



Oregon Water Resources Department
Water Rights with Coincident Places of Use

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Place of Use Conflict Report

The following rights have acreage in the same quarter-quarter as App: R 87931 *

Right	Name	Decree	App	Permit	Cert	Priority	Status	Use	T-R-S-QQ	DLC	Gov't Lot	Acres
APP: R 87930 *	ANDREAS BLECH		R-87930			9/12/2013	NC	MP	34.00S-05.00W-08-SESW			
APP: R 87932 *	ANDREAS BLECH		R-87932			9/12/2013	NC	MP	34.00S-05.00W-08-SWSW			
CERT:3943 OR *	CHARLES W KIRK	S-6597	S-4128	3943	6/23/1919	NC	IR	34.00S-05.00W-08-SESW				25.0000
							IR	34.00S-05.00W-08-SWSW				10.0000



Oregon Water Resources Department
Water Availability Analysis

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Pop #1

Water Availability Analysis

GRAVE CR > ROGUE R - AB BURGESS G
ROGUE BASIN

Water Availability as of 5/17/2017

Watershed ID #: 31531009 ([Map](#))

Date: 5/17/2017

Exceedance Level: 50%

Time: 11:59 AM

Limiting Watersheds

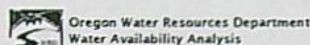
Complete Water Availability Analysis

Water Availability

Select any Watershed for Details

	Nesting Order	Watershed ID #	Stream Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sto
Select	1	266	ROGUE R> PACIFIC OCEAN- AT MOUTH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Select	2	31531008	ROGUE R> PACIFIC OCEAN- AB SHASTA COSTA CR	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes
Select	3	31531001	ROGUE R> PACIFIC OCEAN- AB MEADOW CR	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes
Select	4	71035	GRAVE CR> ROGUE R- AT MOUTH	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes
Select	5	71034	GRAVE CR> ROGUE R- AB WOLF CR	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes
Select	6	31531009	GRAVE CR> ROGUE R- AB BURGESS G	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes

Download Data ([Text - Formatted](#) , [Text - Tab Delimited](#) , [Excel](#))


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Water Availability Analysis

 GRAVE CR > ROGUE R - AB BURGESS G
 ROGUE BASIN

Water Availability as of 5/17/2017

 Exceedance Level: 50%
 Time: 12:00 PM
Watershed ID #: 31531009 [Map](#)

Date: 5/17/2017

[Download Data](#)

Water Availability

Select any Watershed for Details

Nesting Order	Watershed ID #	Stream Name
1	266	ROGUE R > PACIFIC OCEAN - AT MOUTH
2	31531009	ROGUE R > PACIFIC OCEAN - AB SHASTA COSTA CR
3	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR
4	71035	GRAVE CR > ROGUE R - AT MOUTH
5	71034	GRAVE CR > ROGUE R - AB WOLF CR
6	31531009	GRAVE CR > ROGUE R - AB BURGESS G

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sta
Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes
Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes
Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes
Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes

Limiting Watersheds

 Monthly Streamflow in Cubic Feet per Second
 Annual Volume at 50% Exceedance in Acre-Feet

Month	Limiting Watershed ID #	Stream Name	Water Available?	Net Water Available
JAN	71034	GRAVE CR > ROGUE R - AB WOLF CR	Yes	57.60
FEB	71034	GRAVE CR > ROGUE R - AB WOLF CR	Yes	119.00
MAR	71034	GRAVE CR > ROGUE R - AB WOLF CR	Yes	47.60
APR	71034	GRAVE CR > ROGUE R - AB WOLF CR	No	1.70
MAY	71035	GRAVE CR > ROGUE R - AT MOUTH	No	-49.80
JUN	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	122.00
JUL	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	-770.00
AUG	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	1,520.00
SEP	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	-1,390.00
OCT	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	269.00
NOV	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	-1,490.00
DEC	71034	GRAVE CR > ROGUE R - AB WOLF CR	No	0.34
ANN	31531009	GRAVE CR > ROGUE R - AB BURGESS G	Yes	13,100.00

Detailed Reports for Watershed ID #266

 ROGUE R > PACIFIC OCEAN - AT MOUTH
 ROGUE BASIN

Water Availability as of 5/17/2017

 Exceedance Level: 50%
 Time: 12:00 PM
Watershed ID #: 266 [Map](#)

Date: 5/17/2017

Water Availability Calculation

 Monthly Streamflow in Cubic Feet per Second
 Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	13,100.00	1,090.00	12,000.00	0.00	3,500.00	8,510.00
FEB	16,900.00	2,490.00	14,400.00	0.00	3,500.00	10,900.00
MAR	13,900.00	2,240.00	11,700.00	0.00	3,500.00	8,160.00
APR	11,700.00	1,510.00	10,200.00	0.00	3,500.00	6,690.00
MAY	8,190.00	443.00	7,750.00	0.00	3,000.00	4,750.00
JUN	4,890.00	564.00	4,320.00	0.00	2,750.00	1,560.00
JUL	2,690.00	568.00	2,120.00	0.00	2,000.00	122.00
AUG	1,990.00	506.00	1,470.00	0.00	2,450.00	-926.00
SEP	1,930.00	409.00	1,520.00	0.00	2,450.00	-879.00
OCT	2,420.00	208.00	2,160.00	0.00	1,600.00	561.00
NOV	5,040.00	305.00	4,730.00	0.00	3,500.00	1,230.00
DEC	12,380.00	571.00	11,790.00	0.00	3,000.00	8,790.00
ANN	5,700,000.00	652,000.00	5,050,000.00	0.00	2,120,000.00	3,050,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second										
Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total	
JAN	757.00	0.07	323.00	3.69	0.02	8.13	2.29	0.09	1,090.00	
FEB	2,080.00	0.07	390.00	3.00	0.03	8.14	2.29	0.11	2,490.00	
MAR	1,800.00	0.09	427.00	3.69	0.03	8.14	2.29	0.11	2,240.00	
APR	1,530.00	104.00	391.00	3.69	0.09	8.14	2.29	0.11	1,510.00	
MAY	2.89	163.00	263.00	3.59	0.03	8.14	2.29	0.11	443.00	
JUN	0.00	230.00	204.00	3.54	0.03	8.13	2.29	0.10	508.00	
JUL	0.01	309.00	246.00	3.59	0.03	8.12	2.29	0.10	568.00	
AUG	0.00	204.00	230.00	3.59	0.03	8.12	2.29	0.10	506.00	
SEP	0.00	165.00	230.00	3.59	0.03	8.12	2.29	0.10	409.00	
OCT	8.75	12.10	164.00	3.59	0.03	8.12	2.29	0.10	208.00	
NOV	112.00	0.07	179.00	3.59	0.03	8.12	2.29	0.10	305.00	
DEC	256.00	0.01	200.00	3.59	0.03	8.11	2.29	0.09	571.00	

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF305A	CERTIFICATE	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00
MF205A	CERTIFICATE	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00
SY91503A	SWW	3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00
Maximum		3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00

Detailed Reports for Watershed ID #31531008

 ROGUE R > PACIFIC OCEAN - AB SHASTA COSTA CR
 ROGUE BASIN

Water Availability as of 5/17/2017

 Watershed ID #: 31531008 (Map)
 Date: 5/17/2017

 Exceedance Level: 50%
 Time: 12:00 PM

Water Availability Calculation

 Monthly Streamflow in Cubic Feet per Second
 Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	6,780.00	962.00	5,800.00	0.00	3,500.00	2,300.00
FEB	9,190.00	2,300.00	6,840.00	0.00	3,500.00	3,340.00
MAR	7,520.00	2,120.00	5,400.00	0.00	3,500.00	1,900.00
APR	6,160.00	1,470.00	4,690.00	0.00	3,500.00	1,190.00
MAY	5,320.00	419.00	4,900.00	0.00	3,000.00	1,900.00
JUN	3,380.00	479.00	2,900.00	0.00	2,700.00	171.00
JUL	1,920.00	536.00	1,380.00	0.00	2,000.00	-616.00
AUG	1,460.00	477.00	983.00	0.00	2,400.00	-1,417.00
SEP	1,490.00	457.00	1,030.00	0.00	2,400.00	-1,370.00
OCT	1,790.00	265.00	1,440.00	0.00	1,600.00	160.00
NOV	2,660.00	209.00	2,400.00	0.00	3,500.00	-1,100.00
DEC	4,410.00	400.00	4,000.00	0.00	1,600.00	2,400.00
ANN	3,270,000.00	615,000.00	2,660,000.00	0.00	2,120,000.00	826,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	659.00	0.07	311.00	2.79	0.01	6.14	2.16	0.09	962.00
FEB	1,960.00	0.07	391.00	2.79	0.01	6.14	2.16	0.11	2,350.00
MAR	1,700.00	0.09	415.00	2.79	0.01	6.14	2.16	0.11	2,120.00
APR	1,020.00	96.90	300.00	2.79	0.01	6.14	2.16	0.11	1,490.00
MAY	2.59	104.00	251.00	2.69	0.01	6.14	2.16	0.11	419.00
JUN	0.01	218.00	200.00	2.69	0.01	6.13	2.16	0.10	419.00
JUL	0.01	293.00	232.00	2.69	0.01	6.11	2.16	0.10	536.00
AUG	0.10	241.00	204.00	2.69	0.01	6.11	2.16	0.10	477.00
SEP	72.90	157.00	216.00	2.69	0.01	6.12	2.16	0.10	457.00

OCT	30.10	49.40	112.00	2.69	0.01	6.12	2.16	0.10	263.00
NOV	80.10	0.07	167.00	2.69	0.01	6.12	2.16	0.10	259.00
DEC	156.00	0.07	250.00	2.69	0.01	6.14	2.16	0.09	438.00

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0Y915038	SWW	3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00
Maximum		3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00

Detailed Reports for Watershed ID #31531001

ROGUE R > PACIFIC OCEAN - AB MEADOW CR
 ROGUE BASIN

Water Availability as of 5/17/2017

Watershed ID #: 31531001 [Map](#)
 Date: 5/17/2017

Exceedance Level: 50%
 Time: 12:00 PM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
 Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	6,060.00	1,070.00	4,990.00	0.00	3,500.00	1,490.00
FEB	8,240.00	2,400.00	5,760.00	0.00	3,500.00	2,260.00
MAR	6,756.00	2,230.00	4,520.00	0.00	3,500.00	1,020.00
APR	6,940.00	1,500.00	4,540.00	0.00	3,500.00	1,040.00
MAY	4,870.00	472.00	4,450.00	0.00	3,000.00	1,450.00
JUN	3,869.00	410.00	2,560.00	0.00	2,700.00	122.00
JUL	1,770.00	940.00	1,230.00	0.00	2,000.00	-770.00
AUG	1,760.00	490.00	660.00	0.00	2,400.00	-1,520.00
SEP	1,450.00	387.00	1,010.00	0.00	2,400.00	-1,390.00
OCT	1,500.00	243.00	1,310.00	0.00	1,600.00	-293.00
NOV	2,300.00	268.00	2,010.00	0.00	3,500.00	-1,490.00
DEC	5,730.00	352.00	5,180.00	0.00	3,500.00	1,680.00
ANNU	2,960,000.00	638,000.00	2,310,000.00	0.00	2,120,000.00	535,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	750.00	0.07	311.00	3.20	0.01	6.63	2.22	0.09	1,070.00
FEB	2,040.00	0.07	391.00	3.20	0.01	6.63	2.22	0.11	2,480.00
MAR	1,600.00	0.07	415.00	3.20	0.01	6.63	2.22	0.11	2,230.00
APR	1,330.00	96.70	369.00	3.20	0.01	6.63	2.22	0.11	1,505.00
MAY	2.59	155.00	251.00	3.10	0.01	6.63	2.22	0.11	422.00
JUN	0.01	220.00	270.00	3.10	0.01	6.63	2.22	0.10	492.00
JUL	0.01	205.00	232.00	3.10	0.01	6.63	2.22	0.10	540.00
AUG	0.00	243.00	224.00	3.10	0.01	6.63	2.22	0.10	480.00
SEP	0.00	158.00	216.00	3.10	0.01	6.63	2.22	0.10	387.00
OCT	0.00	49.80	170.00	3.10	0.01	6.63	2.22	0.10	243.00
NOV	108.00	0.07	167.00	3.10	0.01	6.63	2.22	0.10	288.00
DEC	250.00	0.07	390.00	3.10	0.01	6.63	2.22	0.09	602.00

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
571035	SWW	3,500.00	3,500.00	3,500.00	3,500.00	3,500.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00
Maximum		3,500.00	3,500.00	3,500.00	3,500.00	3,500.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00

Detailed Reports for Watershed ID #71035

GRAVE CR > ROGUE R - AT MOUTH
ROGUE BASIN

Water Availability as of 5/17/2017

Watershed ID #: 71035 (Map)
Date: 5/17/2017Exceedance Level: 50%
Time: 12:00 PM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	364.00	1.13	363.00	0.00	135.00	228.00
FEB	478.00	1.37	477.00	0.00	135.00	342.00
MAR	338.00	1.07	337.00	0.00	135.00	202.00
APR	216.00	2.37	214.00	0.00	135.00	78.63
MAY	68.70	3.49	65.20	0.00	135.00	-49.80
JUN	39.40	4.72	33.70	0.00	33.70	-4.62
JUL	16.30	6.16	10.10	0.00	15.00	-4.86
AUG	9.62	5.16	4.52	0.00	6.00	-1.48
SEP	8.39	3.54	4.85	0.00	8.39	-3.54
OCT	12.40	1.44	10.90	0.00	12.40	1.48
NOV	55.20	0.57	54.60	0.00	55.20	0.57
DEC	254.00	0.89	253.00	0.00	135.00	118.00
ANN	112,000.00	1,930.00	110,000.00	0.00	16,900.00	67,500.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Domestic	Commercial	Industrial	Municipal	Other	Total
JAN	0.00	0.27	0.00	0.25	0.00	0.00	1.13
FEB	0.00	0.27	0.00	0.25	0.00	0.00	1.37
MAR	0.00	0.27	0.00	0.25	0.00	0.00	1.07
APR	0.00	0.27	0.00	0.25	0.00	0.00	2.37
MAY	0.00	0.27	0.00	0.25	0.00	0.00	3.49
JUN	0.00	0.26	0.00	0.25	0.00	0.00	4.72
JUL	0.00	0.26	0.00	0.25	0.00	0.00	6.16
AUG	0.00	0.26	0.00	0.25	0.00	0.00	5.16
SEP	0.00	0.26	0.00	0.25	0.00	0.00	3.54
OCT	0.00	0.26	0.00	0.25	0.00	0.00	1.44
NOV	0.00	0.26	0.00	0.25	0.00	0.00	0.57
DEC	0.00	0.27	0.00	0.25	0.00	0.00	0.89

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1571035A	CERTIFICATE	135.00	135.00	135.00	135.00	135.00	38.30	15.00	6.00	8.39	12.40	55.20	135.00
Maximum		135.00	135.00	135.00	135.00	135.00	38.30	15.00	6.00	8.39	12.40	55.20	135.00

Detailed Reports for Watershed ID #71034

GRAVE CR > ROGUE R - AB WOLF CR
ROGUE BASIN

Water Availability as of 5/17/2017

Watershed ID #: 71034 [\[Map\]](#)
Date: 5/17/2017

Exceedance Level: 50%
Time: 12:00 PM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	193.00	0.37	193.00	0.00	135.00	57.60
FEB	254.00	0.39	254.00	0.00	135.00	119.00
MAR	183.00	0.37	183.00	0.00	135.00	47.60
APR	119.00	1.70	117.00	0.00	119.00	1.70
MAY	50.60	2.55	48.00	0.00	50.60	-2.55
JUN	21.60	3.47	18.30	0.00	40.00	-21.70
JUL	8.69	4.56	4.33	0.00	8.69	-4.56
AUG	5.09	3.60	1.29	0.00	5.09	-3.80
SEP	4.35	2.59	1.76	0.00	40.00	-38.20
OCT	6.14	1.03	5.11	0.00	40.00	-34.30
NOV	31.00	0.32	30.70	0.00	80.00	-49.30
DEC	135.00	0.34	135.00	0.00	135.00	-0.34
ANN	60,500.00	1,300.00	59,200.00	0.00	55,500.00	13,100.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	0.00	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.37
FEB	0.00	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.39
MAR	0.00	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.37
APR	0.00	1.39	0.00	0.20	0.00	0.11	0.00	0.00	1.70
MAY	0.00	2.24	0.00	0.20	0.00	0.11	0.00	0.00	2.55
JUN	0.00	3.16	0.00	0.20	0.00	0.11	0.00	0.00	3.47
JUL	0.00	4.25	0.00	0.20	0.00	0.11	0.00	0.00	4.56
AUG	0.00	3.49	0.00	0.20	0.00	0.11	0.00	0.00	3.80
SEP	0.00	2.28	0.00	0.20	0.00	0.11	0.00	0.00	2.59
OCT	0.00	0.72	0.00	0.20	0.00	0.11	0.00	0.00	1.03
NOV	0.01	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.32
DEC	0.00	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.34

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF256A	CERTIFICATE	80.00	80.00	60.00	60.00	40.00	40.00	5.00	5.00	40.00	40.00	80.00	80.00
0571234A	CERTIFICATE	109.00	135.00	135.00	119.00	50.60	21.60	8.69	5.09	4.35	6.14	31.00	135.00
Maximum		135.00	135.00	135.00	119.00	50.60	40.00	8.69	5.09	40.00	40.00	80.00	135.00

Detailed Reports for Watershed ID #31531009

GRAVE CR > ROGUE R - AB BURGESS G
ROGUE BASIN

Water Availability as of 5/17/2017

Watershed ID #: 31531009 [\[Map\]](#)
Date: 5/17/2017

Exceedance Level: 50%
Time: 12:00 PM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	125.00	0.05	125.00	0.00	0.00	125.00
FEB	164.00	0.06	164.00	0.00	0.00	164.00

MAR	124.00	0.00	124.00	0.00	0.00	124.00
APR	86.40	0.04	86.50	0.00	0.00	86.50
MAY	40.40	1.43	38.90	0.00	0.00	38.90
JUN	10.80	2.09	13.70	0.00	0.00	13.70
JUL	6.10	2.79	3.31	0.00	0.00	3.31
AUG	3.40	2.30	1.10	0.00	0.00	1.10
SEP	3.10	1.51	1.59	0.00	0.00	1.59
OCT	0.00	0.00	4.80	0.00	0.00	4.80
NOV	24.40	0.04	24.40	0.00	0.00	24.40
DEC	66.70	0.04	66.70	0.00	0.00	66.70
ANN	41,100.00	720.00	40,300.00	0.00	0.00	40,300.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.05
FEB	0.02	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.06
MAR	0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.05
APR	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.04
MAY	0.00	1.45	0.00	0.00	0.00	0.04	0.00	0.00	1.49
JUN	0.00	2.08	0.00	0.00	0.00	0.04	0.00	0.00	2.09
JUL	0.00	2.75	0.00	0.00	0.00	0.04	0.00	0.00	2.79
AUG	0.00	2.30	0.00	0.00	0.00	0.04	0.00	0.00	2.30
SEP	0.00	1.47	0.00	0.00	0.00	0.04	0.00	0.00	1.51
OCT	0.00	0.46	0.00	0.00	0.00	0.04	0.00	0.00	0.50
NOV	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.04
DEC	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.04

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

No instream flow requirements were found for this watershed.



Oregon Water Resources Department
Water Availability Analysis

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POD #2

Water Availability Analysis

GRAVE CR > ROGUE R - AB WOLF CR
ROGUE BASIN

Water Availability as of 4/28/2017

Watershed ID #: 71034 ([Map](#))

Date: 4/28/2017

Exceedance Level: 50%

Time: 11:27 AM

[Download Data](#)

Water Availability

Select any Watershed for Details

Nesting Order	Watershed ID #	Stream Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sto
1	266	ROGUE R> PACIFIC OCEAN- AT MOUTH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
2	31531008	ROGUE R> PACIFIC OCEAN- AB SHASTA COSTA CR	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes
3	31531001	ROGUE R> PACIFIC OCEAN- AB MEADOW CR	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes
4	71035	GRAVE CR> ROGUE R- AT MOUTH	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes
5	71034	GRAVE CR> ROGUE R- AB WOLF CR	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes

Limiting Watersheds

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

Month	Limiting Watershed ID #	Stream Name	Water Available?	Net Water Available
JAN	71034	GRAVE CR > ROGUE R - AB WOLF CR	Yes	57.60
FEB	71034	GRAVE CR > ROGUE R - AB WOLF CR	Yes	119.00
MAR	71034	GRAVE CR > ROGUE R - AB WOLF CR	Yes	47.60

APR	71034	GRAVE CR > ROGUE R - AB WOLF CR	No	-1.70
MAY	71035	GRAVE CR > ROGUE R - AT MOUTH	No	-49.80
JUN	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	-122.00
JUL	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	-770.00
AUG	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	-1,520.00
SEP	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	-1,390.00
OCT	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	-293.00
NOV	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR	No	-1,490.00
DEC	71034	GRAVE CR > ROGUE R - AB WOLF CR	No	-0.34
ANN	71034	GRAVE CR > ROGUE R - AB WOLF CR	Yes	13,100.00

Detailed Reports for Watershed ID #266

ROGUE R > PACIFIC OCEAN - AT MOUTH
ROGUE BASIN

Water Availability as of 4/28/2017

Watershed ID #: 266 ([Map](#))

Date: 4/28/2017

Exceedance Level: 50%

Time: 11:27 AM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	13,100.00	1,090.00	12,000.00	0.00	3,500.00	8,510.00
FEB	16,900.00	2,490.00	14,400.00	0.00	3,500.00	10,900.00
MAR	13,900.00	2,240.00	11,700.00	0.00	3,500.00	8,160.00
APR	11,700.00	1,510.00	10,200.00	0.00	3,500.00	6,690.00
MAY	8,190.00	443.00	7,750.00	0.00	3,000.00	4,750.00
JUN	4,890.00	508.00	4,380.00	0.00	2,700.00	1,680.00
JUL	2,690.00	568.00	2,120.00	0.00	2,000.00	122.00
AUG	1,980.00	506.00	1,470.00	0.00	2,400.00	-926.00
SEP	1,930.00	409.00	1,520.00	0.00	2,400.00	-879.00
OCT	2,420.00	259.00	2,160.00	0.00	1,600.00	561.00
NOV	5,040.00	305.00	4,730.00	0.00	3,500.00	1,230.00
DEC	12,300.00	571.00	11,700.00	0.00	3,500.00	8,230.00
ANN	5,700,000.00	652,000.00	5,050,000.00	0.00	2,120,000.00	3,050,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	757.00	0.07	323.00	3.69	0.02	8.13	2.29	0.09	1,090.00
FEB	2,080.00	0.07	393.00	3.69	0.03	8.14	2.29	0.11	2,490.00
MAR	1,800.00	0.09	427.00	3.69	0.03	8.14	2.29	0.11	2,240.00
APR	1,020.00	101.00	381.00	3.69	0.03	8.14	2.29	0.11	1,510.00
MAY	2.90	163.00	263.00	3.59	0.03	8.14	2.29	0.11	443.00
JUN	0.09	230.00	264.00	3.59	0.03	8.13	2.29	0.10	508.00
JUL	0.01	309.00	246.00	3.59	0.03	8.12	2.29	0.10	568.00
AUG	0.00	254.00	238.00	3.59	0.03	8.12	2.29	0.10	506.00
SEP	0.00	165.00	230.00	3.59	0.03	8.12	2.29	0.10	409.00
OCT	8.73	52.10	184.00	3.59	0.03	8.12	2.29	0.10	259.00
NOV	112.00	0.07	179.00	3.59	0.03	8.12	2.29	0.10	305.00
DEC	255.00	0.07	302.00	3.59	0.03	8.13	2.29	0.09	571.00

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF265A	CERTIFICATE	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00
MF266A	CERTIFICATE	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00
SY91503A	SWW	3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00
Maximum		3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00

Detailed Reports for Watershed ID #31531008

ROGUE R > PACIFIC OCEAN - AB SHASTA COSTA CR
ROGUE BASIN

Water Availability as of 4/28/2017

Watershed ID #: 31531008 ([Map](#))

Date: 4/28/2017

Exceedance Level: 50%

Time: 11:27 AM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second

Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
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JAN	6,780.00	982.00	5,800.00	0.00	3,500.00	2,300.00
FEB	9,190.00	2,350.00	6,840.00	0.00	3,500.00	3,340.00
MAR	7,520.00	2,120.00	5,400.00	0.00	3,500.00	1,900.00
APR	6,680.00	1,490.00	5,190.00	0.00	3,500.00	1,690.00
MAY	5,320.00	419.00	4,900.00	0.00	3,000.00	1,900.00
JUN	3,350.00	479.00	2,870.00	0.00	2,700.00	171.00
JUL	1,920.00	536.00	1,380.00	0.00	2,000.00	-616.00
AUG	1,460.00	477.00	983.00	0.00	2,400.00	-1,420.00
SEP	1,490.00	457.00	1,030.00	0.00	2,400.00	-1,370.00
OCT	1,700.00	263.00	1,440.00	0.00	1,600.00	-163.00
NOV	2,660.00	259.00	2,400.00	0.00	3,500.00	-1,100.00
DEC	6,450.00	458.00	5,990.00	0.00	3,500.00	2,490.00
ANN	3,270,000.00	615,000.00	2,660,000.00	0.00	2,120,000.00	826,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	659.00	0.07	311.00	2.79	0.01	6.14	2.16	0.09	982.00
FEB	1,960.00	0.07	381.00	2.79	0.01	6.14	2.16	0.11	2,350.00
MAR	1,700.00	0.09	415.00	2.79	0.01	6.14	2.16	0.11	2,120.00
APR	1,020.00	95.90	369.00	2.79	0.01	6.14	2.16	0.11	1,490.00
MAY	2.60	154.00	251.00	2.69	0.01	6.14	2.16	0.11	419.00
JUN	0.01	218.00	250.00	2.69	0.01	6.13	2.16	0.10	479.00
JUL	0.01	293.00	232.00	2.69	0.01	6.11	2.16	0.10	536.00
AUG	0.10	241.00	224.00	2.69	0.01	6.11	2.16	0.10	477.00
SEP	72.90	157.00	216.00	2.69	0.01	6.12	2.16	0.10	457.00
OCT	30.10	49.40	172.00	2.69	0.01	6.12	2.16	0.10	263.00
NOV	80.10	0.07	167.00	2.69	0.01	6.12	2.16	0.10	259.00
DEC	156.00	0.07	290.00	2.69	0.01	6.14	2.16	0.09	458.00

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SY91503B	SWW	3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00
Maximum		3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00

Detailed Reports for Watershed ID #31531001

ROGUE R > PACIFIC OCEAN - AB MEADOW CR
 ROGUE BASIN

Water Availability as of 4/28/2017

Watershed ID #: 31531001 ([Map](#))

Date: 4/28/2017

Exceedance Level: 50%

Time: 11:27 AM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second

Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	6,060.00	1,070.00	4,990.00	0.00	3,500.00	1,490.00
FEB	8,240.00	2,480.00	5,760.00	0.00	3,500.00	2,260.00
MAR	6,750.00	2,230.00	4,520.00	0.00	3,500.00	1,020.00
APR	6,040.00	1,500.00	4,540.00	0.00	3,500.00	1,040.00

MAY	4,870.00	422.00	4,450.00	0.00	3,000.00	1,450.00
JUN	3,060.00	482.00	2,580.00	0.00	2,700.00	-122.00
JUL	1,770.00	540.00	1,230.00	0.00	2,000.00	-770.00
AUG	1,360.00	480.00	880.00	0.00	2,400.00	-1,520.00
SEP	1,400.00	387.00	1,010.00	0.00	2,400.00	-1,390.00
OCT	1,550.00	243.00	1,310.00	0.00	1,600.00	-293.00
NOV	2,300.00	288.00	2,010.00	0.00	3,500.00	-1,490.00
DEC	5,730.00	552.00	5,180.00	0.00	3,500.00	1,680.00
ANN	2,950,000.00	638,000.00	2,310,000.00	0.00	2,120,000.00	535,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	750.00	0.07	311.00	3.20	0.01	6.83	2.22	0.09	1,070.00
FEB	2,090.00	0.07	381.00	3.20	0.01	6.83	2.22	0.11	2,480.00
MAR	1,800.00	0.07	415.00	3.20	0.01	6.83	2.22	0.11	2,230.00
APR	1,020.00	96.70	369.00	3.20	0.01	6.83	2.22	0.11	1,500.00
MAY	2.59	155.00	251.00	3.10	0.01	6.83	2.22	0.11	422.00
JUN	0.01	220.00	250.00	3.10	0.01	6.83	2.22	0.10	482.00
JUL	0.01	295.00	232.00	3.10	0.01	6.83	2.22	0.10	540.00
AUG	0.00	243.00	224.00	3.10	0.01	6.83	2.22	0.10	480.00
SEP	0.00	158.00	216.00	3.10	0.01	6.83	2.22	0.10	387.00
OCT	8.73	49.80	172.00	3.10	0.01	6.83	2.22	0.10	243.00
NOV	108.00	0.07	167.00	3.10	0.01	6.83	2.22	0.10	288.00
DEC	250.00	0.07	290.00	3.10	0.01	6.83	2.22	0.09	552.00

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SY91503C	SWW	3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00
Maximum		3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00

Detailed Reports for Watershed ID #71035

GRAVE CR > ROGUE R - AT MOUTH

ROGUE BASIN

Water Availability as of 4/28/2017

Watershed ID #: 71035 ([Map](#))

Date: 4/28/2017

Exceedance Level: 50%

Time: 11:27 AM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second

Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	364.00	1.13	363.00	0.00	135.00	228.00
FEB	478.00	1.37	477.00	0.00	135.00	342.00
MAR	338.00	1.07	337.00	0.00	135.00	202.00
APR	216.00	2.37	214.00	0.00	135.00	78.60
MAY	88.70	3.49	85.20	0.00	135.00	-49.80
JUN	38.40	4.72	33.70	0.00	38.30	-4.62

JUL	16.30	6.16	10.10	0.00	15.00	-4.86
AUG	9.68	5.16	4.52	0.00	6.00	-1.48
SEP	8.39	3.54	4.85	0.00	8.39	-3.54
OCT	12.40	1.48	10.90	0.00	12.40	-1.48
NOV	55.20	0.57	54.60	0.00	55.20	-0.57
DEC	254.00	0.89	253.00	0.00	135.00	118.00
ANN	112,000.00	1,930.00	110,000.00	0.00	56,900.00	57,500.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	0.60	0.00	0.00	0.25	0.00	0.27	0.01	0.00	1.13
FEB	0.85	0.00	0.00	0.25	0.00	0.27	0.01	0.00	1.37
MAR	0.55	0.00	0.00	0.25	0.00	0.27	0.01	0.00	1.07
APR	0.01	1.84	0.00	0.25	0.00	0.27	0.01	0.00	2.37
MAY	0.00	2.96	0.00	0.25	0.00	0.27	0.01	0.00	3.49
JUN	0.00	4.19	0.00	0.25	0.00	0.26	0.01	0.01	4.72
JUL	0.00	5.63	0.00	0.25	0.00	0.26	0.01	0.01	6.16
AUG	0.00	4.63	0.00	0.25	0.00	0.26	0.01	0.01	5.16
SEP	0.00	3.01	0.00	0.25	0.00	0.26	0.01	0.01	3.54
OCT	0.00	0.95	0.00	0.25	0.00	0.26	0.01	0.01	1.48
NOV	0.04	0.00	0.00	0.25	0.00	0.26	0.01	0.01	0.57
DEC	0.37	0.00	0.00	0.25	0.00	0.27	0.01	0.00	0.89

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
IS71035A	CERTIFICATE	135.00	135.00	135.00	135.00	135.00	38.30	15.00	6.00	8.39	12.40	55.20	135.00
Maximum		135.00	135.00	135.00	135.00	135.00	38.30	15.00	6.00	8.39	12.40	55.20	135.00

Detailed Reports for Watershed ID #71034

GRAVE CR > ROGUE R - AB WOLF CR

ROGUE BASIN

Water Availability as of 4/28/2017

Watershed ID #: 71034 ([Map](#))

Date: 4/28/2017

Exceedance Level: 50%

Time: 11:27 AM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second

Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	193.00	0.37	193.00	0.00	135.00	57.60
FEB	254.00	0.39	254.00	0.00	135.00	119.00
MAR	183.00	0.37	183.00	0.00	135.00	47.60
APR	119.00	1.70	117.00	0.00	119.00	-1.70
MAY	50.60	2.55	48.00	0.00	50.60	-2.55
JUN	21.80	3.47	18.30	0.00	40.00	-21.70
JUL	8.89	4.56	4.33	0.00	8.89	-4.56
AUG	5.09	3.80	1.29	0.00	5.09	-3.80
SEP	4.35	2.59	1.76	0.00	40.00	-38.20
OCT	6.74	1.03	5.71	0.00	40.00	-34.30

NOV	31.00	0.32	30.70	0.00	80.00	-49.30
DEC	135.00	0.34	135.00	0.00	135.00	-0.34
ANN	60,500.00	1,300.00	59,200.00	0.00	55,500.00	13,100.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	0.06	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.37
FEB	0.08	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.39
MAR	0.05	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.37
APR	0.00	1.39	0.00	0.20	0.00	0.11	0.00	0.00	1.70
MAY	0.00	2.24	0.00	0.20	0.00	0.11	0.00	0.00	2.55
JUN	0.00	3.16	0.00	0.20	0.00	0.11	0.00	0.00	3.47
JUL	0.00	4.25	0.00	0.20	0.00	0.11	0.00	0.00	4.56
AUG	0.00	3.49	0.00	0.20	0.00	0.11	0.00	0.00	3.80
SEP	0.00	2.28	0.00	0.20	0.00	0.11	0.00	0.00	2.59
OCT	0.00	0.72	0.00	0.20	0.00	0.11	0.00	0.00	1.03
NOV	0.01	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.32
DEC	0.03	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.34

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second													
Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF256A	CERTIFICATE	80.00	80.00	80.00	80.00	40.00	40.00	5.00	5.00	40.00	40.00	80.00	80.00
IS71034A	CERTIFICATE	135.00	135.00	135.00	119.00	50.60	21.80	8.89	5.09	4.35	6.74	31.00	135.00
Maximum		135.00	135.00	135.00	119.00	50.60	40.00	8.89	5.09	40.00	40.00	80.00	135.00

POD# 1

[Print Report](#)**Oregon Water Resources Department
Attribute Report**

Report Date: May 17, 2017

General:

TRSQQ:	WM34.00S5.00W8NESW
DLC:	-
Latitude:	42.6294003385
Longitude:	-123.3202446011
Buffer (ft):	1
Elevation (ft):	1408
Basin Name:	Rogue
Basin Plan:	5-Middle Rogue
County:	Josephine
WM District:	14
WM Region:	SOUTHWEST
ODFW Region, District:	Southwest Region, Upper Rogue District
Irrigation District AOI:	-
Irrigation District, Other:	-
Dams (Permit):	-
Water Rights:	<u>Platcard for WM34.00S5.00W8</u>
Well Logs:	<u>Logs for WM34.00S5.00W8</u>

Rules:

Withdrawn Authority:	-
Groundwater Retriected:	-
GW Retriected Subunit:	-
GW ODEQ Management Area:	-
GW Umatilla Muni Wells (5mile):	-
Rule 4D:	-

Division 33 (Area, Watershed, species):	STATEWIDE, <i>Grave Creek</i> , Coho Salmon, Chinook Salmon, Steelhead
Water Quality Limited Pollutant:	-
Is in Deschutes Study Area:	-
Deschutes Zone Impact:	-
Deschutes Zone Overlay:	-
Scenic Water Way:	The Rogue Scenic Waterway 390.826 (9) Rogue River from the boundary of Crater Lake National Park, as constituted on December 8, 1988, downstream to the boundary of the Rogue River National Forest, as constituted on December 8, 1988 (near river mile 173), and from the confluence of the Rogue Status: ABOVE

Hydrography:

OWRD Streamcode:	-
Waterbody Name:	-
HUC 10:	1710031003
HUC Watershed:	Grave Creek
WAB Wshed Order:	8
WAB Analysis:	<u>GRAVE CR > ROGUE R - AB BURGESS G</u>
Streamflow:	OWRD Opportunities: Good ODFW Needs: High Combined Priority: Current resources priority

Gaging Station Data:	-
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Sources:*General*

Oregon Public Land Survey Quarter-quarters. Bureau of Land Management, Oregon Water Resources Department.. n.d. 1:24,000.

Donated Land Claims. Oregon Water Resources Department. January 1, 1995. 1:100,000.

Elevation. ESRI World Elevation. February 2000. 1:121,000.

POD #2

[Print Report](#)



Oregon Water Resources Department Attribute Report

Report Date: Apr 28, 2017

General:

TRSQQ:	WM34.00S5.00W8NESW
DLC:	-
Latitude:	42.6266058927
Longitude:	-123.3205342797
Buffer (ft):	1
Elevation (ft):	1394
Basin Name:	Rogue
Basin Plan:	5-Middle Rogue
County:	Josephine
WM District:	14
WM Region:	SOUTHWEST
ODFW Region, District:	Southwest Region, Upper Rogue District
Irrigation District AOI:	-
Irrigation District, Other:	-
Dams (Permit):	-
Water Rights:	Platcard for WM34.00S5.00W8
Well Logs:	Logs for WM34.00S5.00W8

Rules:

Withdrawn Authority:	-
Groundwater Retriected:	-
GW Retriected Subunit:	-
GW ODEQ Management Area:	-
GW Umatilla Muni Wells (5mile):	-
Rule 4D:	-

Division 33 (Area, Watershed, species):	STATEWIDE, <i>Grave Creek</i> , Coho Salmon, Chinook, Salmon, Steelhead
Water Quality Limited Pollutant:	-
Is in Deschutes Study Area:	-
Deschutes Zone Impact:	-
Deschutes Zone Overlay:	-
Scenic Water Way:	The Rogue Scenic Waterway 390.826 (9) Rogue River from the boundary of Crater Lake National Park, as constituted on December 8, 1988, downstream to the boundary of the Rogue River National Forest, as constituted on December 8, 1988 (near river mile 173), and from the confluence of the Rogue Status: ABOVE

Hydrography:

OWRD Streamcode:	-
Waterbody Name:	-
HUC 10:	1710031003
HUC Watershed:	Grave Creek
WAB Wshed Order:	7
WAB Analysis:	<u>GRAVE CR > ROGUE R - AB WOLF CR</u>
Streamflow:	OWRD Opportunities: Very good ODFW Needs: Highest Combined Priority: Current resources priority

Gaging Station Data:	-
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Sources:***General***

Oregon Public Land Survey Quarter-quarters. Bureau of Land Management, Oregon Water Resources Department.. n.d. 1:24,000.

Donated Land Claims. Oregon Water Resources Department. January 1, 1995. 1:100,000.

Elevation. ESRI World Elevation. February 2000. 1:121,000.

Alternate Reservoir Application Completeness Checklist

This is the checklist used by WRD staff

Application R 87931 County Josephine
 Priority Date 9-12-13 Township 345 Range 5W Section 8 SW Taxlot 400
 Use Multipurpose Caseworker MARY R.
 Amount (AF) 65 af Watermaster Kathy Smith, #14

Minimum Requirements (ORS 537.409)

- ☒ Completed Watermaster review sheet signed and dated by Watermaster.
- Will the reservoir injure an existing water right? ☐ YES ☒ NO
- If YES, can conditions be applied to mitigate the injury? ☐ YES ☐ NO If NO, return the application.
- Did the watermaster determine when water is available for the proposed use? ☐ YES ☐ NO
- The Watermaster review sheet must have been completed within the last 6 months. NA*
- If the watermaster determined that water is NOT available, return the application.
- ☒ Completed ODFW review sheet signed and dated by ODFW representative.
- Will the reservoir pose a significant detrimental impact to an existing fishery resource? ☒ YES ☐ NO
- If YES, can conditions be applied to mitigate the impact? ☒ YES ☐ NO If NO, return the application.
- The ODFW review sheet must have been completed within the last 6 months.*
- ☒ Completed Land-Use Form or receipt signed by the appropriate planning department official enclosed?
- Does the use on land-use form match the proposed use on the application? Must be an original "wet" signature within the last 12 months.*
- ☒ Landowner Name, Mailing Address and Telephone Number.
- ☒ Source and tributary listed. NO WELLS-MUST HAVE GW APP TO USE A WELL AS A SOURCE !!
- ☒ Reservoir Location- Township, Range, Section, Quarter Quarter, Taxlot
- ☒ Dam height, if applicable 5 ft
- ☒ Total Quantity of Storage Requested: 65 af
- ☒ Proposed Use of the water....Cannot accept application for use of this stored water at the same time (E2)
- ☒ Property ownership indicated? If applicant does not own all the land is the affected landowner's name and mailing address listed? (Including: lands not owned by applicant, upon which the source is locatedor..... that are crossed by the diversion works. This includes any roads or rights-of-way.)
- ☒ Provide the legal description of all the property involved with this application. You may include a copy of your deed land sales contract or title insurance to meet this requirement
- ☒ Environmental Impact section completed?
- ☒ Application signed by the landowner(s)? All parties noted as applicants must sign the application.
- Must be an original "wet" signature.*
- ☒ Acceptable map ** Indicates requirements of standards set forth by the Commission and causes fatal flaw if not provided by the applicant.
- ☒ Reservoir Location - noting Township, Range, Section, 1/4 1/4 and Tax Lot number(s)*
- ☒ Scale of the Map (not less than 1" = 1320') **
- ☒ Reference corner on map
- ☒ North Directional Symbol **
- ☒ 1/4's clearly identified
- ☒ Reservoir clearly identified **
- ☒ Dam or POD (If off channel) Location coordinates referenced to a government land survey corner* If no dam, use coordinates to center of reservoir.**
- ☒ Fees enclosed**? Examination: Base Fee\$ 350 Permit Recording Fee\$ 450
 plus\$ 65 af x 30 = 1950
 plus\$ _____

Total Paid \$ 2750- Total Fees \$ 2750
 Completeness Check by: Am JJS Date: 9-13-13 Revised 2011-3-3

Land Use Information Form

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MAR 28 2017

JO CO - PLANNING



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

RES #3

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; OR
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

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APR 20 2017

OWRD

WR / FS

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Applicant: Sunny Valley Sand and Gravel, Inc.
First

Attn: Andreas Blech
Last

Mailing Address: 1867 Williams Hwy # 260

Grants Pass
City

OR
State

97527
Zip

Daytime Phone: 541-244-2644

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:	Proposed Land Use:
Sec	Attached					☐ Diverted ☐ Conveyed ☐ Used	
						☐ Diverted ☐ Conveyed ☐ Used	
						☐ Diverted ☐ Conveyed ☐ Used	
						☐ Diverted ☐ Conveyed ☐ Used	

List all counties and cities where water is **proposed to be diverted, conveyed, and/or used or developed**:

Josephine County

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- ☒ Permit to Use or Store Water ☐ Water Right Transfer ☐ Permit Amendment or Ground Water Registration Modification
☐ Limited Water Use License ☐ Allocation of Conserved Water ☐ Exchange of Water

Source of water: ☐ Reservoir/Pond ☐ Ground Water ☒ Surface Water (name) Grave Creek

Estimated quantity of water needed: 65.0 Reservoir 3 ☐ cubic feet per second ☐ gallons per minute ☒ acre-feet

Intended use of water: ☐ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for _____ household(s)
☐ Municipal ☐ Quasi-Municipal ☐ Instream ☒ Other Multi purpose

Briefly describe:

Water will be diverted to the reservoir in the winter and spring, and stored for subsequent multi-purpose use related to proposed sand and gravel mining operations. Additional applications will be filed in connection with any proposed secondary use of the stored water.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

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APR 20 2017

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

☐ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): _____.

☒ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) If approvals have been obtained but all appeal periods have not ended, check "Being pursued."

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
See findings dated 12/7/16	Josephine County RLDC Sec 46.150	☒ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

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APR 20 2017
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Name: Jeff Page Title: Planner
Signature: [Signature] Phone: 541-474-5420 Date: 4/3/17
Government Entity: Josephine County

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____
City or County: _____ Staff contact: _____
Signature: _____ Phone: _____ Date: _____

ATTACHMENT TO:

Oregon Water Resources Department
Land Use Information FormApplicant Name: Sunny Valley Sand and Gravel Inc.
Reservoir 3**A. Land and Location**

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), or used. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan designation	Water to be:	Proposed Land Use:
34 S	5 W	8	NE SW	400	MARZ	☐ Diverted ☒ Conveyed ☐ Used	Reservoir for aggregate mining
34 S	5 W	8	SW SW	400	MARZ	☐ Diverted ☐ Conveyed ☒ Used	Reservoir for aggregate mining
34 S	5 W	8	SE SW	400	MARZ	☐ Diverted ☒ Conveyed ☒ Used	Reservoir for aggregate mining
34 S	5 W	8	NW SE	1002	MARZ	☒ Diverted ☒ Conveyed ☐ Used	Reservoir for aggregate mining

RECEIVED

APR 20 2017

OWRD



SCHWABE, WILLIAMSON & WYATT®
ATTORNEYS AT LAW

Equitable Center, 530 Center St., NE, Suite 400, Salem, OR 97301 | Phone 503.540.4262 | Fax 503.399.1645 | www.schwabe.com

MARTHA O. PAGEL

Admitted in Oregon and Washington

Direct Line: Salem 503-540-4260; Portland 503-796-2872

E-Mail: mpagel@schwabe.com

RECEIVED BY OWRD

MAR 25 2016

SALEM, OR

March 23, 2016

Kim R. French
Water Right Application Caseworker
Oregon Water Resources Department
725 Summer St NE Ste A
Salem, OR 97301-1271

Re: Sunny Valley Sand & Gravel Applications R-87930; R-87931 and R-87932

Dear Kim:

I am writing on behalf of our client, Sunny Valley Sand & Gravel, to request a continuation of the administrative hold period for the above-referenced pending applications. As described in my previous hold request, Sunny Valley has been pursuing required land use approvals for the project. Although the proposed aggregate mining operation was approved by the County last year, the decision was appealed and that process is still underway. We are hopeful the land use issues will be resolved soon, but at this point we cannot offer a firm prediction because of the potential for various land use appeals and further delays.

Please be assured that Sunny Valley is prepared to move forward with the applications as soon as the land use process is complete. At this time, we request a continuation of the administrative hold for an additional period of 180 days with an opportunity to request further extensions, if needed, to resolve the land use issues.

Sincerely,

Martha O. Pagel

MOP

cc: Andreas Blech, SVSG



SCHWABE, WILLIAMSON & WYATT®
ATTORNEYS AT LAW

Equitable Center, 530 Center St., NE, Suite 400, Salem, OR 97301 | Phone 503.540.4262 | Fax 503.399.1645 | www.schwabe.com

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E-Mail: mpagel@schwabe.com

RECEIVED

MAR 23 2016

WATER RESOURCES DEPT
SALEM, OREGON

March 23, 2016

Kim R. French
Water Right Application Caseworker
Oregon Water Resources Department
725 Summer St NE Ste A
Salem, OR 97301-1271

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Sincerely,

Martha O. Pagel

MOP

cc: Andreas Blech, SVSG

Portland, OR 503.222.9981 | Salem, OR 503.540.4262 | Bend, OR 541.749.4044 | Eugene, OR 541.686.3299
Seattle, WA 206.622.1711 | Vancouver, WA 360.694.7551 | Washington, DC 202.488.4302

PDX\123805\182220\MOP\16809118.1

RECEIVED

FEB 03 2015

WATER RESOURCES DEPT
SALEM, OREGON

BEFORE THE LAND USE BOARD OF APPEALS OF THE STATE OF OREGON

ROGUE ADVOCATES,

Petitioner,

vs.

JOSEPHINE COUNTY,

Respondent.

WILLIAM M. CORCORAN II and
ELIZABETH CORCORAN,

Petitioners,

vs.

JOSEPHINE COUNTY,

Respondent.

LUBA No. 2014-095

11/24/14 AM 10:50 LUBA

LUBA No. 2014-096

MOTION FOR EXTENSION OF TIME
FOR FILING RECORD OF PROCEEDING

Respondent, Josephine County, by and through County Legal Counsel, and pursuant to OAR 661-010-0067, moves this Board for an extension of time of 90 days from November 19, 2014, through February 17, 2015, within which to serve and file the record of the proceeding under review.

On November 4, 2014, this Board consolidated LUBA Nos. 2014-095 and 2014-096 for LUBA review, and ordered that Josephine County submit a single consolidated record, which record is due on or before November 19, 2014. This is the Respondent's first request for a time extension and one is now sought because, due to the voluminous record, as well as understaffed county departments, and employee leave schedules during the holidays, additional time is necessary to compile the record of the proceeding under review. Further,



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

March 10, 2014

SUNNY VALLEY SAND AND GRAVEL INC.
1867 WILLIAMS HWY SUITE 260
GRANTS PASS, OR 97527

Reference: File **R-87931**

Dear Applicant:

On March 7, 2014, the Water Resources Department received your request for a 180-day administrative hold on processing the above-referenced application.

On March 10, 2014 the Department received your explanation that the hold was requested to allow the applicant additional time to allow the parallel land use process to move forward.

The Department will not take any action on this application until Wednesday September 3, 2014, unless you inform us that you would like us to process the application sooner. If you need to request additional time, you will need to show justification for why additional time is reasonable and necessary, that substantial progress is being made towards being ready to proceed with application processing, and a general time line, which identifies when you anticipate being ready to continue with the application process.

Feel free to contact me at mary.f.rohling@wr.d.state.or.us or 503-986-0859 with questions.

Sincerely,

Mary Rohling
Water Rights Application Caseworker

cc via email: Watermaster #14

cc via email: Agent - Shonee Langford, Slangford@SCHWABE.com

cc: File

ROHLING Mary F

From: Langford, Shonee D. <SLangford@SCHWABE.com>
Sent: Monday, March 10, 2014 1:33 PM
To: Mary Rohling
Subject: RE: App. R-87930, R-87931 and R-87932 (Request for Administrative Hold)

Mary,

I received your phone message. This email updates my request for an administration hold to include an explanation of why the hold is needed. The applicant needs additional time to allow the parallel land use process to move forward.

Please let me know if you need anything else before confirming the hold.

Thank you.

Shonee

Shonee Langford | Schwabe, Williamson & Wyatt | Direct: 503-540-4261 | Fax: 503-796-2900

From: Langford, Shonee D.
Sent: Friday, March 07, 2014 9:47 AM
To: 'Mary Rohling'
Subject: App. R-87930, R-87931 and R-87932 (Request for Administrative Hold)

Mary,

On behalf of applicant Sunny Valley Sand & Gravel, Inc., I am writing to request that the above-referenced applications be placed on administrative hold for 180 days, effective immediately.

Please reply with written confirmation of the hold.

Thank you.

Shonee

Shonee D. Langford | Attorney
Schwabe, Williamson & Wyatt
530 Center Street NE, Suite 400, Salem, OR 97301
Direct: 503-540-4261 | Fax: 503-796-2900
Email: slangford@schwabe.com
Assistant: Karen Donohue | Direct: 503-540-4262 | kdonohue@schwabe.com
Legal advisors for the future of your business®
www.schwabe.com

To comply with IRS regulations, we are required to inform you that this message, if it contains advice relating to federal taxes, cannot be used for the purpose of avoiding penalties that may be imposed under federal tax law. Any tax advice that is expressed in this message is limited to the tax issues addressed in this message. If advice is required that satisfies applicable IRS regulations, for a tax opinion appropriate for avoidance of federal tax law penalties, please contact a Schwabe attorney to arrange a suitable engagement for that purpose.

NOTICE: This communication (including any attachments) may contain privileged or confidential information intended for a specific individual and purpose, and is protected by law. If you are not the intended recipient, you should delete this communication and/or shred the materials and any attachments and are hereby notified that any disclosure, copying or distribution of this communication, or the taking of any action based on it, is strictly prohibited. Thank you.

ORS 537.409 ALTERNATE RESERVOIR CHECKLIST

FILE #: R-87931
WM DIST: 14
REGION: SWR
WID #: 15 - 31531009
PUBLIC NOTICE: 9/24/13

Res name: _____ Use: _____

Volume: _____ Dam height: ☐ zero ☐ < 10 ft ☐ _____ ft

___ Land use ☐ approved ☐ not approved ☐ being pursued ☐ county notified ☐ NA

___ Secondary app necessary ☐ Yes, App S- _____ ☐ No

___ Stream withdrawn ☐ Yes ☐ No

___ SWW ☐ In (may not be allowed) ☐ Out or Above

___ Electronic/written comments? ☐ No ☐ Yes _____ Comment eval? ☐ No ☐ Yes

___ Appropriate Fees ☐ Yes ☐ No, need: _____
(\$80 base, \$20 per af) OR (\$300 base, \$25 per af, & \$400 recording) OR (\$350 base, \$30 per af, & \$450 recording)

___ App w/in a District boundary ☐ No ☐ Yes, cc: _____
per http://apps.wrd.state.or.us/apps/gis/wr_irrigation/

___ If in Umatilla: Confederated Tribes of the Umatilla Indian Reservation, Nixyaawii Governance Center
46411 Timine Way, Pendleton, Oregon 97801

Mail forms to appropriate Interagency Review Team members. Mailed on February 15, 2015

ODFW Contact:

DEQ Contact:

Watermaster: Kathy Smith

Water available: not available

Allowed season: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Measurement Conditions: ☐ Small (≤ 9.2 af) | ☐ Medium (> 9.2 , but < 100 af) | ☐ Large (≥ 100 af or govt. entity)
*use staff gage if source is runoff or if res is in-channel

Other Conditions: use fishmay if ODFW doesn't request screen/by-pass condition _____

Assign permit number R- _____

Remarks: _____

Completed by Kim French on 1/23/2015. Peer review:

Revised 11/18/13

Point of Diversion Characteristics

Right:	App: R 87931 *
Name:	SUNNY VALLEY SAND AND GRAVEL INC. ANDREAS BLECH

TRSQQ: 34.00S-05.00W-08-NWSE

County: Josephine

Basin: Rogue

WM District: 14

WM Region: SW

Withdrawn Area:

WAB: GRAVE CR > ROGUE R - AB BURGESS G (31531009)GRAVE CR > ROGUE R - AB WOLF CR (71034)

Priority WAB: GRAVE CR @ 14372000 (OWRD: Good, ODFW: High) (31531009)

GRAVE CR ab WOLF CR (OWRD: Very good, ODFW: Highest) (71034)

Rule 4D:

Groundwater Restricted Area:

Scenic Water Way: ABOVE The Rogue Scenic Waterway

Division 33: STATEWIDE

Water Quality Limited: Yes

TRSQQ: 34.00S-05.00W-08-SWSW

County: Josephine

Basin: Rogue

WM District: 14

WM Region: SW

Withdrawn Area:

WAB: GRAVE CR > ROGUE R - AB BURGESS G (31531009)GRAVE CR > ROGUE R - AB WOLF CR (71034)

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Rule 4D:

Groundwater Restricted Area:

Scenic Water Way: ABOVE The Rogue Scenic Waterway

Division 33: STATEWIDE

Water Quality Limited:

Water Availability Analysis

GRAVE CR > ROGUE R - AB WOLF CR
ROGUE BASIN

Water Availability as of 1/23/2015

Exceedance Level: 50%

Time: 2:11 PM

Watershed ID #: 71034 (Map)

Date: 1/23/2015

Download Data

Water Availability

Select any Watershed for Details

Hesting Order

1
2
3
4
5

Watershed ID #	Stream Name
266	ROGUE R > PACIFIC OCEAN - AT MOUTH
31531068	ROGUE R > PACIFIC OCEAN - AB SHASTA COSTA CR
31531061	ROGUE R > PACIFIC OCEAN - AB MEADOW CR
71035	GRAVE CR > ROGUE R - AT MOUTH
71034	GRAVE CR > ROGUE R - AB WOLF CR

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sta
Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes
Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes
Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes
Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes

Limiting Watersheds

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-FeetMonth
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
ANN

Limiting Watershed ID #	Stream Name
71034	GRAVE CR > ROGUE R - AB WOLF CR
71034	GRAVE CR > ROGUE R - AB WOLF CR
71034	GRAVE CR > ROGUE R - AB WOLF CR
71034	GRAVE CR > ROGUE R - AB WOLF CR
71035	GRAVE CR > ROGUE R - AT MOUTH
31531061	ROGUE R > PACIFIC OCEAN - AB MEADOW CR
31531061	ROGUE R > PACIFIC OCEAN - AB MEADOW CR
31531061	ROGUE R > PACIFIC OCEAN - AB MEADOW CR
31531061	ROGUE R > PACIFIC OCEAN - AB MEADOW CR
31531061	ROGUE R > PACIFIC OCEAN - AB MEADOW CR
31531061	ROGUE R > PACIFIC OCEAN - AB MEADOW CR
71034	GRAVE CR > ROGUE R - AB WOLF CR
71034	GRAVE CR > ROGUE R - AB WOLF CR

Water Available?	Net Water Available
Yes	57.60
Yes	118.00
Yes	47.60
No	-1.70
No	-49.80
No	-128.00
No	-776.00
No	-1,530.00
No	-1,390.00
No	-294.00
No	-1,490.00
No	-0.34
Yes	13,100.00

Detailed Reports for Watershed ID #266

ROGUE R > PACIFIC OCEAN - AT MOUTH
ROGUE BASIN

Water Availability as of 1/23/2015

Exceedance Level: 50%

Time: 2:11 PM

Watershed ID #: 266 (Map)

Date: 1/23/2015

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	13,100.00	1,100.00	12,000.00	0.00	3,500.00	8,500.00
FEB	16,900.00	2,490.00	14,400.00	0.00	3,500.00	10,900.00
MAR	13,900.00	2,240.00	11,700.00	0.00	3,500.00	8,160.00
APR	11,700.00	1,510.00	10,200.00	0.00	3,500.00	6,690.00
MAY	8,190.00	444.00	7,750.00	0.00	3,000.00	4,750.00
JUN	4,890.00	513.00	4,380.00	0.00	2,700.00	1,680.00
JUL	2,890.00	574.00	2,320.00	0.00	2,000.00	116.00
AUG	1,980.00	512.00	1,470.00	0.00	2,400.00	-932.00
SEP	1,930.00	415.00	1,520.00	0.00	2,400.00	-885.00
OCT	2,420.00	260.00	2,160.00	0.00	1,600.00	560.00
NOV	3,040.00	307.00	4,730.00	0.00	3,500.00	1,230.00
DEC	12,300.00	573.00	11,700.00	0.00	3,500.00	8,200.00
ANN	5,700,000.00	654,000.00	5,050,000.00	0.00	2,120,000.00	3,050,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	759.00	0.07	324.00	3.69	0.02	8.15	2.29	0.02	1,100.00
FEB	2,580.00	0.07	364.00	3.69	0.03	8.15	2.29	0.04	2,490.00
MAR	1,800.00	0.09	428.00	3.69	0.03	8.15	2.29	0.04	2,240.00
APR	1,020.00	101.00	362.00	3.69	0.03	8.15	2.29	0.04	1,510.00
MAY	2.88	163.00	264.00	3.59	0.03	8.15	2.29	0.04	444.00
JUN	0.09	230.00	269.00	3.59	0.03	8.14	2.29	0.03	513.00
JUL	0.01	309.00	251.00	3.59	0.03	8.14	2.29	0.03	574.00
AUG	0.00	255.00	243.00	3.59	0.03	8.13	2.29	0.03	512.00
SEP	0.00	166.00	238.00	3.59	0.03	8.13	2.29	0.03	415.00
OCT	8.73	52.00	185.00	3.59	0.03	8.14	2.29	0.03	260.00
NOV	112.00	0.07	180.00	3.59	0.03	8.14	2.29	0.03	307.00
DEC	256.00	0.07	303.00	3.59	0.03	8.15	2.29	0.02	573.00

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF265A	CERTIFICATE	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00	735.00
MF296A	CERTIFICATE	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00	935.00
SY91503A	DWW	3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00
Maximum		3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,900.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00

Detailed Reports for Watershed ID #31531008

ROGUE R > PACIFIC OCEAN - AB SHASTA COSTA CR
ROGUE BASIN

Water Availability as of 1/23/2015

Watershed ID #: 31531008 (Map)
Date: 1/23/2015Exceedance Level: 50%
Time: 2:11 PM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	6,780.00	965.00	5,800.00	0.00	3,500.00	2,300.00
FEB	9,190.00	2,350.00	6,840.00	0.00	3,500.00	3,340.00
MAR	7,520.00	2,120.00	5,400.00	0.00	3,500.00	1,900.00
APR	6,680.00	1,480.00	5,190.00	0.00	3,500.00	1,690.00
MAY	5,320.00	421.00	4,900.00	0.00	3,000.00	1,900.00
JUN	3,350.00	465.00	2,860.00	0.00	2,700.00	165.00
JUL	1,920.00	542.00	1,380.00	0.00	2,000.00	-622.00
AUG	1,460.00	482.00	978.00	0.00	2,400.00	-1,422.00
SEP	1,490.00	463.00	1,030.00	0.00	2,400.00	-1,370.00
OCT	1,700.00	264.00	1,440.00	0.00	1,600.00	-164.00
NOV	2,680.00	260.00	2,400.00	0.00	3,500.00	-1,100.00
DEC	6,450.00	460.00	5,990.00	0.00	3,500.00	2,490.00
ANN	3,270,000.00	617,000.00	2,660,000.00	0.00	2,120,000.00	825,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	681.00	0.07	313.00	2.79	0.01	6.16	2.15	0.02	965.00
FEB	1,960.00	0.07	383.00	2.79	0.01	6.16	2.15	0.04	2,350.00
MAR	1,690.00	0.09	417.00	2.79	0.01	6.16	2.15	0.04	2,120.00
APR	1,020.00	96.20	371.00	2.79	0.01	6.16	2.15	0.04	1,490.00
MAY	2.81	155.00	253.00	2.69	0.01	6.16	2.15	0.04	421.00
JUN	0.01	218.00	236.00	2.69	0.01	6.14	2.15	0.03	465.00
JUL	0.01	294.00	238.00	2.69	0.01	6.13	2.15	0.03	542.00
AUG	0.10	242.00	230.00	2.69	0.01	6.13	2.15	0.03	482.00
SEP	72.90	157.00	222.00	2.69	0.01	6.14	2.15	0.03	463.00
OCT	30.10	49.80	174.00	2.69	0.01	6.14	2.15	0.03	264.00

NOV	80.10	0.07	169.00	2.69	0.01	6.14	2.15	0.03	260.00
DEC	157.00	0.07	292.00	2.69	0.01	6.15	2.15	0.02	460.00

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
59915038	DWW	3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00
Maximum		3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00

Detailed Reports for Watershed ID #31531001

ROGUE R > PACIFIC OCEAN - AB MEADOW CR
 ROGUE BASIN

Water Availability as of 1/23/2015

Watershed ID #: 31531001 [Map](#)
 Date: 1/23/2015

Exceedance Level: 50%
 Time: 2:11 PM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
 Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	6,080.00	1,080.00	4,980.00	0.00	3,500.00	1,480.00
FEB	8,240.00	2,480.00	5,760.00	0.00	3,500.00	2,260.00
MAR	6,750.00	2,230.00	4,520.00	0.00	3,500.00	1,020.00
APR	6,040.00	1,500.00	4,540.00	0.00	3,500.00	1,040.00
MAY	4,870.00	423.00	4,450.00	0.00	3,000.00	1,450.00
JUN	3,080.00	458.00	2,620.00	0.00	2,700.00	-120.00
JUL	1,770.00	546.00	1,220.00	0.00	2,000.00	-776.00
AUG	1,360.00	455.00	875.00	0.00	2,400.00	-1,530.00
SEP	1,400.00	392.00	1,010.00	0.00	2,400.00	-1,390.00
OCT	1,550.00	244.00	1,310.00	0.00	1,600.00	-294.00
NOV	2,300.00	269.00	2,030.00	0.00	3,500.00	-1,470.00
DEC	5,730.00	554.00	5,180.00	0.00	3,500.00	1,680.00
ANN	2,950,000.00	640,000.00	2,310,000.00	0.00	2,120,000.00	534,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	753.00	0.07	313.00	3.20	0.01	6.65	2.21	0.02	1,080.00
FEB	2,040.00	0.07	383.00	3.20	0.01	6.65	2.21	0.04	2,460.00
MAR	1,800.00	0.07	417.00	3.20	0.01	6.65	2.21	0.04	2,230.00
APR	1,020.00	96.94	371.00	3.20	0.01	6.65	2.21	0.04	1,500.00
MAY	2.61	156.00	253.00	3.10	0.01	6.65	2.21	0.04	423.00
JUN	0.01	220.00	256.00	3.10	0.01	6.64	2.21	0.03	488.00
JUL	0.01	296.00	238.00	3.10	0.01	6.64	2.21	0.03	546.00
AUG	0.00	244.00	230.00	3.10	0.01	6.64	2.21	0.03	485.00
SEP	0.00	159.00	222.00	3.10	0.01	6.64	2.21	0.03	392.00
OCT	6.73	60.00	174.00	3.10	0.01	6.64	2.21	0.03	244.00
NOV	108.00	0.07	169.00	3.10	0.01	6.64	2.21	0.03	289.00
DEC	290.00	0.07	292.00	3.10	0.01	6.65	2.21	0.02	584.00

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

		Instream Flow Requirements in Cubic Feet per Second											
Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5Y919G3C	SWW	3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00
Maximum		3,500.00	3,500.00	3,500.00	3,500.00	3,000.00	2,700.00	2,000.00	2,400.00	2,400.00	1,600.00	3,500.00	3,500.00

Detailed Reports for Watershed ID #71035

GRAVE CR > ROGUE R - AT MOUTH
ROGUE BASIN

Water Availability as of 1/23/2015

Watershed ID #: 71035 ([Map](#))
Date: 1/23/2015

Exceedance Level: 50%
Time: 2:11 PM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	364.00	1.16	363.00	0.00	135.00	228.00
FEB	478.00	1.45	477.00	0.00	135.00	342.00
MAR	338.00	1.11	337.00	0.00	135.00	202.00
APR	216.00	2.37	214.00	0.00	135.00	79.00
MAY	68.70	3.49	65.20	0.00	135.00	-69.80
JUN	39.40	4.72	33.70	0.00	39.30	-4.62
JUL	16.30	5.16	10.10	0.00	15.00	-4.86
AUG	9.68	5.10	4.52	0.00	6.00	-1.48
SEP	8.39	3.54	4.85	0.00	8.39	-3.54
OCT	12.40	1.48	10.90	0.00	12.40	-1.48
NOV	55.20	0.57	54.60	0.00	55.20	-0.57
DEC	254.00	0.90	253.00	0.00	135.00	118.00
ANN	112,000.00	1,940.00	110,000.00	0.00	56,900.00	57,500.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	0.64	0.00	0.00	0.25	0.00	0.27	0.01	0.00	1.16
FEB	0.02	0.00	0.00	0.25	0.00	0.27	0.01	0.00	1.45
MAR	0.58	0.00	0.00	0.25	0.00	0.27	0.01	0.00	1.11
APR	0.01	1.84	0.00	0.25	0.00	0.27	0.01	0.00	2.37
MAY	0.00	2.96	0.00	0.25	0.00	0.27	0.01	0.00	3.49
JUN	0.00	4.19	0.00	0.25	0.00	0.26	0.01	0.01	4.72
JUL	0.00	5.63	0.00	0.25	0.00	0.26	0.01	0.01	6.16
AUG	0.00	4.63	0.00	0.25	0.00	0.26	0.01	0.01	5.16
SEP	0.00	3.01	0.00	0.25	0.00	0.26	0.01	0.01	3.54
OCT	0.00	0.95	0.00	0.25	0.00	0.26	0.01	0.01	1.48
NOV	0.04	0.00	0.00	0.25	0.00	0.26	0.01	0.01	0.57
DEC	0.37	0.00	0.00	0.25	0.00	0.27	0.01	0.00	0.90

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

		Instream Flow Requirements in Cubic Feet per Second											
Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1571035A	CERTIFICATE	135.00	135.00	135.00	135.00	135.00	38.30	15.00	6.00	8.39	12.40	55.20	135.00
Maximum		135.00	135.00	135.00	135.00	135.00	38.30	15.00	6.00	8.39	12.40	55.20	135.00

Detailed Reports for Watershed ID #71034

GRAVE CR > ROGUE R - AB WOLF CR
ROGUE BASIN

Watershed ID #: 71034 (Main)
Date: 1/23/2015

Water Availability as of 1/23/2015

Exceedance Level: 50%
Time: 2:11 PM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	193.00	0.40	193.00	0.00	135.00	57.60
FEB	254.00	0.47	254.00	0.00	135.00	119.00
MAR	183.00	0.39	183.00	0.00	135.00	47.60
APR	119.00	1.70	117.00	0.00	119.00	-1.70
MAY	50.60	2.55	48.00	0.00	50.60	-2.55
JUN	21.60	3.47	18.30	0.00	40.00	-21.70
JUL	8.89	4.56	4.33	0.00	8.89	-4.56
AUG	5.09	3.80	1.29	0.00	5.09	-3.80
SEP	4.35	2.59	1.76	0.00	40.00	-38.20
OCT	6.74	1.03	5.71	0.00	40.00	-34.30
NOV	31.00	0.32	30.70	0.00	80.00	-49.30
DEC	135.00	0.34	135.00	0.00	135.00	-0.34
ANN	60,500.00	1,310.00	59,200.00	0.00	55,500.00	13,100.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	0.09	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.40
FEB	0.15	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.47
MAR	0.08	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.39
APR	0.00	1.39	0.00	0.20	0.00	0.11	0.00	0.00	1.70
MAY	0.00	2.24	0.00	0.20	0.00	0.11	0.00	0.00	2.55
JUN	0.00	3.16	0.00	0.20	0.00	0.11	0.00	0.00	3.47
JUL	0.00	4.25	0.00	0.20	0.00	0.11	0.00	0.00	4.56
AUG	0.00	3.49	0.00	0.20	0.00	0.11	0.00	0.00	3.80
SEP	0.00	2.28	0.00	0.20	0.00	0.11	0.00	0.00	2.59
OCT	0.00	0.72	0.00	0.20	0.00	0.11	0.00	0.00	1.03
NOV	0.01	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.32
DEC	0.03	0.00	0.00	0.20	0.00	0.11	0.00	0.00	0.34

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF206A	CERTIFICATE	80.00	80.00	80.00	80.00	40.00	40.00	5.00	5.00	40.00	40.00	80.00	80.00
1371034A	CERTIFICATE	135.00	135.00	135.00	119.00	50.60	21.60	8.89	5.09	4.35	6.74	31.00	135.00
Maximum		135.00	135.00	135.00	119.00	50.60	40.00	8.89	5.09	40.00	40.00	80.00	135.00



February 5, 2014
Project No. 10058.001

Oregon Water Resources Department
725 Summer Street N.E., Suite A
Salem, OR 97301-1266

Attention: Mr. Jerry Sauter

Additional Reservoir Construction Details
Oregon Water Resources Department (WRD) Applications LL-1504, R-87930, R-87931 and R-87932
Josephine County, Oregon

Dear Mr. Sauter,

This letter provides additional information on three reservoirs (Reservoirs 2, 3 and 4) proposed for the Sunny Valley Sand and Gravel property located in Sections 7 and 8 of Township 34 South, Range 5 West, Willamette Meridian. The construction of Reservoir 3 is proposed under LL-1504 and R-87931. The construction of Reservoirs 2 and 4 is proposed under Applications R-87930 and R-87932, respectively.

The information in this letter is intended to assist with the WRD's review of the construction details relative to the potential infiltration of groundwater into the reservoirs, especially during the periods Grave and Shank Creeks are closed to new appropriations.

SITE SETTING AND PROPOSED RESERVOIR CONSTRUCTION

The site is approximately 212 acres. Much of the property is relatively flat with a gentle slope downward to the west. Grave Creek is located on the northern side of the property and Shanks Creek, an ephemeral stream, lies on the southern portion. Plate 1 is a site plan showing the property boundaries, the creek locations and topographic information.

Three reservoirs are proposed for the site under Reservoir Applications LL-1504, R-87930, R-87931 and R-87932. The reservoirs will be excavated about 5 feet into the subsurface and have a 5-foot-tall berm on the downslope side as indicated in the profiles in the Section 8 Description of each application. Up to 8 feet of water will be stored in each reservoir. The reservoir locations are shown on Plate 1.

Information collected from site subsurface explorations by others indicates the bottom portion of each reservoir may be excavated several feet into the uppermost groundwater unit. The amount each reservoir will extend into groundwater will depend on the local ground surface elevation and the season; however, each reservoir will have a clay or synthetic liner to limit seepage from the reservoir as further discussed in this letter and to limit groundwater infiltration into the reservoirs.

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HYDROGEOLOGIC SETTING

In 2013, Kuper Consulting LLC explored the site subsurface conditions by excavating 17 exploratory trenches (identified as T-1 through T-17) and drilling two paired piezometers (designated SBV-1 and SBV-2) at the east and west sides of the site. The paired piezometers each consist of a piezometer less than 25 feet in depth and a piezometer that extends to at least 45 feet below ground surface (bgs). Plate 1 shows the locations of the trenches (denoted by the prefix SVT followed by the number) and piezometers. Copies of the Kuper logs as provided in Appendix B of Shannon & Wilson, Inc. (S&W, 2013) are attached.

The Appendix B logs indicate the site is covered by as much as 4 feet of topsoil, although the soils are generally less than 2 feet in thickness on much of the property. As described in S&W (2013), the subsurface materials below the topsoil are interpreted to be Quaternary-age sediments that overlie metavolcanic, dike and ultramafic bedrock units. Kuper believes much of the sediments were deposited as massive, fast-moving debris flows. The thickness of the sediments is reported to vary from 12 to 77 feet and average about 70 feet. The following two distinct gravel units were identified in the upper approximately 30 feet of the alluvial/mudflow deposits.

- The upper 10 to 20 feet of the subsurface consisted of a dark brown to gray-brown gravel-sand-clay mixture. The percentage of fines, described as undifferentiated clay and silt, were estimated to range from 5 to 15 percent.
- Between 10 to about 30 feet bgs, the materials consisted of a gray to gray-brown gravel-sand-clay mixture. The percentage of fines in this layer was estimated to range from 15 to 25 percent and is reported to consist primarily of a slightly plastic clay.

Groundwater was encountered at depths of 3 feet bgs to more than 28 feet bgs in the trenches, which were completed between May 28 and 30, 2013 according to the Appendix B logs. Table 1 summarizes the depths to groundwater encountered in the trenches and the inferred top-of-groundwater elevations. The amount that groundwater may annually fluctuate is estimated to be about 10 to 15 feet based on recent discussions with Kuper.

In 2013, S&W conducted a limited pumping test at the northwest corner of the site using two test pits and a shallow piezometer to observe the shallow aquifer response. The test indicated the shallow aquifer had a hydraulic conductivity of approximately 6×10^{-4} centimeters/second (cm/s). S&W indicated this result was consistent with a hydraulic conductivity of 3.8×10^{-5} cm/s that EGR & Associates, Inc. reported for a 2011 test. These conductivities are relatively low.

RESERVOIR DESIGN CONSIDERATIONS

The proposed designs provide that each reservoir will have a permanent clay or synthetic liner to limit seepage losses to the subsurface. The liner is critical because without it, the diverted water would drain into the shallow aquifer and be lost from use whenever the reservoir water level is higher than the groundwater surface. Conversely, the liner will limit groundwater from infiltrating into the reservoirs when the groundwater surface is higher than the bottom of the reservoir, thereby protecting against capturing groundwater likely to be in hydraulic connection with surface water. As groundwater levels seasonally decline below the bottom of the reservoirs, the potential to have any groundwater infiltrate into the reservoirs disappears.

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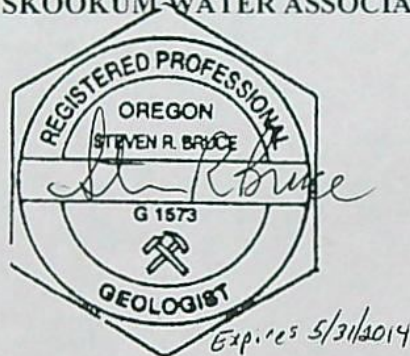
The need for a liner to retain the diverted water was a key reason to limit the reservoir bottoms to a depth of about 5 feet bgs, although this required expanding the footprint of each reservoir in order to store the requested amounts of water. It will be important to maintain a head on the liner higher than the local groundwater surface during the winter and early spring when groundwater elevations tend to be highest. The higher head in the reservoir is intended to offset the groundwater hydrostatic pressures, which could otherwise displace the reservoir liners. Increasing the reservoirs depths to more than 5 feet below the ground surface would have required maintaining more water in the reservoirs than would be needed with a shallow reservoir design.

Although spring 2013 was dry, a review of the depth-to-water observations for the exploratory trenches in and near each reservoir was at least 8 feet bgs in late May, below the proposed reservoir bottoms. We consider it likely that these ranges of water levels would be representative of water levels in the summer and early fall when it is especially critical to avoid intercepting groundwater hydraulically connected to surface water.

We trust this letter will assist with the WRD's review of the proposed reservoirs. Please call or email us if you have any questions about this letter.

Sincerely,

SKOOKUM WATER ASSOCIATES INC.



Steven R. Bruce, RG, CWRE
Principal Hydrogeologist

REFERENCES

Shannon & Wilson, Inc., August 2013, *Hydrogeologic Evaluation to Support Post-Acknowledgement Plan Amendment, Proposed Aggregate Quarry Land Use, Sunny Valley Sand & Gravel, Josephine County, Oregon*, Private Consulting Report

Attachments: Plate 1
Table 1
Appendix B

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Table 1. Exploratory Trench Water Levels Reported for late May 2013

Test Pit Number	Reported Ground Surface Elevation (feet)	Reported Maximum Depth of Trench (feet)	Reported Depth Seepage Occurred (feet)	Inferred Groundwater Elevation (feet)
T-1	1405	14.5	11.5	1393.5
T-2	1397	24	Deeper than 24 ft	Below 1373 ft
T-3	1385	26	8	1377
T-4	1375	28	Deeper than 28 ft	Below 1347 ft
T-5	1368	26	14	1354
T-6	1375	24	14	1361
T-7	1365	28	14	1351
T-8	1360	33	13	1347
T-9	1352	25	8	1344
T-10	1345	27	11	1334
T-11	1340	15	3	1337
T-12	1353	16	4	1349
T-13	1368	25	10	1358
T-14	1370	28	12	1358
T-15	1395	24	Deeper than 24 ft	Below 1373 ft
T-16	1380	25	8	1372
T-17	1380	24	9	1371

Notes:

1. See Appendix B for Kuper Consulting LLC exploratory trench logs.
2. Exploratory trench locations are shown on Plate 1.

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APPENDIX B

Sunny Valley Sand & Gravel
KC Project No. 12-281D

EXPLORATORY TRENCH LOGS

Excavated & Observed May 28-30, 2013
Elevations referenced from 3DI/Westlake Consulting 2013
5 foot contours, Mean Sea Level = MSL
Trenches Excavated With a CAT 275 & 375, Using a 36 & 60 Inch

Bucket

Exploratory Trench No. T-1

Elevation: 1405 feet MSL, Northeastern Area

- 0 - 3' Topsoil Deposits
Sand (SM), dark red brown, dry to damp, loose, silty fine to medium sand, cobbles & boulders to 2 ft.
- 3 - 14 1/2' Alluvial/Mudflow Deposits
Gravel (GW/GC), red brown to brown gray, dry to damp, medium dense, medium sandy cobbly gravels, rounded, cobble to boulders 4" to 1 ft. in dimension, subangular to sub-rounded, rocks interlocked
@ 4 ft. becomes damp, matrix clayey medium sand (SC) with cobbles
@ 7 ft., boulders 4" - 24" in dimension, trench walls standing vertical, occasional boulders 24" plus
@ 11 1/2 ft. light water seepage, occasional 30" boulders becoming wet, rocks nested, some caving at water seepage.

Total Depth: 14 1/2 ft.

Exploratory Trench No. T-2

Elevation: 1397 feet MSL, Eastern Area

- 0 - 4' Topsoil Deposits
Sand (SC), dark brown, damp, loose, clayey fine sand
@ 3 ft. Clay (CH), gray, damp, stiff, fine sandy clay
- 4 - 7' Alluvial/Mudflow Deposits
Sand (SM-SC), brown, damp, medium dense, silty clayey medium sand, becomes medium clayey sand (SC)

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@ 7-19 ft. Gravels (GW), red brown, clayey medium sandy gravels & cobbles, subrounded cobbles 6-18" in dimension, clayey sand matrix, matrix becomes moist, more boulders up to 2 ft. dimension, rounded, 50/50 sand/rock matrix, subangular to sub-rounded
 @ 10-12' sample: 58% gravel, 21% sand, 13% fines
 @ 16 ft. occasional 2.5-3 ft. boulders in dimension
 @ 17 ft. becomes very angular rock, manganese staining on rock, 3-6" broken rock, breaks easily
 @ 19ft. becomes more rounded rock, 6-12", increasing to 18-24"
 No seepage encountered.

Total Depth: 24 ft.

Samples taken at 10 (tested), 16 and 18 ft. below surface

Exploratory Trench No. T-3

Elevation: 1385 feet MSL, Eastern Area

- 0 - 2' Topsoil Deposits
 Sand (SM-SC), dark brown, dry to damp, loose, silty clayey fine sand
- 2 - 26' Alluvial/Mudflow Deposits
 Gravels (GW/GC), brown, damp, medium dense, silty to clayey sandy gravels & cobbles, subrounded cobbles 6" minus in dimension
 @ 6ft. becomes moist clayey sand with subrounded cobbles 8-18" in dimension, boulders up to 2-3ft. 50/50 cobbles/sand matrix
 @ 8 ft. light seepage, interspersed gray rock/gravels, 6" minus
 @ 12-14 ft. caving
 @ 21 ft. Cobbles - weathered gray rock, black/white/gray broken
 @ 23 ft. about 4 ft. thick rounded, broken rock (started benching down to 10 ft. to deepen trench)
 @ 24 ft. Gravel (GW), brown, moist, dense clayey sand with gravels

Total Depth: 26 ft.

Sample taken at 16 ft. below surface

Exploratory Trench No. T-4

Elevation: 1375 feet MSL, North Central Area

- 0 - 1' Topsoil Deposits
 Sand (SC), dark brown, dry to damp, loose, clayey fine sand
- 1 - 28' Alluvial/Mudflow Deposits

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SALEM, OR

Gravels (GC), brown, damp, medium dense, clayey fine to medium sand, subrounded cobbles 4- 6" in dimension

@ 3 ft. Gravel (GW) - cobbles up to 2 ft. dimension, 50/50 cobble/sand matrix

@ 6 ft. occasional 4 ft. subrounded boulders,

@ 9 ft. Clay (CH) - gray, moist, stiff medium-coarse sandy clay

@ 12 ft. interbeds weathered rock-clay matrix, medium - coarse clayey sand matrix (SC) with diorite (?) subrounded cobbles, light seepage

@ 16ft. interbeds brown, moist, medium dense clayey coarse sand (SC) with gray, moist, coarse sandy clay (CH) and cobbles up to 2 ft. in dimension

@ 20 ft. very weathered material, mixed gravels/cobbles with clayey sandy matrix (SC-CH), caving upper part of trench

Total Depth: 28 ft.

Sample taken at 19 ft. below surface

Exploratory Trench No. T-5

Elevation: 1368 feet MSL, Central Area

0 - 2'

Topsoil Deposits

Sand (SM), dark brown, dry, loose, silty medium sand

2 - 26'

Alluvial/Mudflow Deposits

Gravels (GW/GC), brown, damp, medium dense, medium sandy to silty gravels, subrounded to rounded, 6" - 12" with cobbles up to 2-3 in dimension, rounded (similar to T-4)

@ 8 ft. becomes moist, clayey coarse sand (SC) matrix with cobbles

@ 14ft. Gravels and cobbles (GW), gray, moist to wet, medium dense clayey sand with gravels and cobbles

@ 14 ft. heavy seepage, 6 to 12" cobbles, interbedded with weathered red brown clayey sand (SC), 60% cobbles/40% sand-clay

Total Depth: 26 ft.

Samples taken at 8 and 24 ft. below surface

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3

SALEM, OR

Exploratory Trench No. T-6

Elevation: 1375 feet MSL, North Central Area

- 0 - 2' Topsoil Deposits
Sand (SM), dark brown, dry, loose, silty medium sand
- 2 - 24' Alluvial/Mudflow Deposits
Gravels (GW/GC), brown, damp, medium dense, slightly clayey medium sandy gravels and cobbles, subrounded to some angular rock. 6" - 3 ft. in dimension, 60% cobbles/40% sand matrix
@ 8 ft. becomes moist, gray brown, clayey coarse sand (SC- CH) matrix with interbeds of cobbles
@ 14 ft. caving, very moist, heavy seepage

Total Depth: 24 ft.

Sample taken at 23 ft. below surface

Exploratory Trench No. T-7

Elevation: 1365 feet MSL, Central Area

- 0 - 2' Topsoil Deposits
Sand (SC), dark brown, dry, loose, clayey fine to medium sand
- 2 - 28' Alluvial/Mudflow Deposits
Gravels (GW/GC), brown, dry to damp, medium dense, clayey medium sandy matrix with gravels and cobbles 8 - 18"
@ 8ft. Gravels with interbedded sediments, gray to brown, damp, dense clayey medium to coarse sand matrix (SC) with cobbles 8-24".
interbedded sediments gray and brown, wet to saturated, medium dense silty medium sand (SM), scattered cobbles 8-16" in dimension
@ 14ft. heavy seepage, mostly cobbles with sands and clay matrix

Total Depth: 28 ft.

Sample taken at 21 ft. below surface

Exploratory Trench No. T-8

Elevation: 1360 feet MSL, North Central Area

- 0 - 2' Topsoil Deposits
Sand (SM), brown to dark brown, dry, loose, silty medium sand

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SALEM, OR

- 2 - 8' Alluvial/Mudflow Deposits
Gravels (GP/GC, brown, dry, medium dense, medium sandy gravels, gravels and cobbles 6 - 12".
@ 7-8' sample; 69% gravel, 18% sand, 6% fines.
@ 8ft. cobbles, subrounded, 2-3 ft in dimension
@ 8-10 ft -weathered rock and sediments, gray and brown, damp to moist, dense, clayey medium to coarse sand (SC) interbedded with cobbles up to 2 ft. in dimension, cobbles interlocked
@ 13 ft. - moderate seepage, gray, wet medium dense clayey medium sand (SC) with some cobbles
@ 15 ft. large rocks, sub to well rounded, occasionally 3-4 ft. in dimension within sediments,
@ 18ft. becomes cobbly with gray weathered cobbles
@ 28 ft. Gravels (GW) gray, moist, dense clayey medium coarse sandy cobbles 6-12"
@ 31 - very weathered gravels with decomposed rock

Total Depth: 33 ft.

Sample taken at 7 ft. below surface, tested

Exploratory Trench No. T-9

Elevation: 1352 feet MSL, West Area

- 0 - 1' Topsoil Deposits
Sand (SM), dark brown, dry, loose, silty medium sand
- 1 - 25' Alluvial/Mudflow Deposits
Gravels (GW/GM), brown, dry to damp, medium dense, silty medium sandy gravels, gravels and cobbles 8 - 18", angular to subrounded, occasional 2 ft. boulders
@ 8ft. moderate seepage
@ 13ft. brown, moist to wet, medium dense, silty very coarse sand/gravel mix with 6" minus, angular grains
@ 17ft. Gravel and Cobbles (GW), gray to brown, moist to wet, dense medium sandy matrix, with subrounded 1-2 ft. in dimension boulders

Total Depth: 25 ft.

Sample taken 13 ft. below surface

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Exploratory Trench No. T-10

Elevation: 1345 feet MSL, Northwest Area

- 0 - 2' Topsoil Deposits
Sand (SM), dark brown, dry, loose, silty medium sand
- 2 - 27' Alluvial/Mudflow Deposits
Gravels (GW/GM), brown, dry to damp, medium dense, silty medium
sandy gravels, gravels and cobbles 6 - 18"
@ 8ft. Gravels (GC), gray to brown, moist, medium dense, very coarse
sandy clay matrix to clayey sand with cobbles
@ 11 ft. moderate seepage
@ 22ft. becomes cobbly, dark brown, scattered cobbles, subrounded 3-8"
in dimension

Total Depth: 27 ft.

Exploratory Trench No. T-11

Elevation: 1340 feet MSL, West Area

- 0 - 2' Topsoil Deposits
Sand (SC), dark brown to black, damp, loose, clayey medium sand
- 2 - 15' Alluvial/Mudflow Deposits
Gravels (GW/GM), brown, damp to moist, loose to medium dense, silty
medium sand (SM) matrix, gravels and cobbles 6 - 18"
@ 3ft. heavy seepage, lenses of gravels, cobbles in clayey sand (SC)
matrix, cobbles 18" to 2 ft in dimension, subrounded to rounded
@ 8ft. standing water, 70% cobbles, clast supported
@ 13ft. Gravels (GC), clayey sandy round gravels, cobbles, caving

Total Depth: 15 ft.

Baggie sample taken at 13 ft. below surface

Exploratory Trench No. T-12

Elevation: 1353 feet MSL, Southwest Area

- 0 - 2' Topsoil Deposits
Clay (CH), dark brown to black, moist, stiff, medium sandy clay
- 2 - 14' Alluvial/Mudflow Deposits

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Gravels (GW)/(GC) brown, moist, medium dense, coarse clayey sandy gravels, gravels and rounded cobbles 8"

@ 4ft. heavy seepage

@ 6ft. cobbles up to 1 ft in dimension

@ 8-9', sample: 69% gravel, 21% sand, 10% fines

@ 9-10ft. becomes larger cobbles, 18-24", 70% cobbles

@ 14 ft - Bedrock - Serpentine (?), very hard material

Total Depth: 16 ft.

Sample taken at 8 ft. below surface, tested

Exploratory Trench No. T-13

Elevation: 1368 feet MSL, Southwest Area

- 0 - 2' Topsoil Deposits
Sand (SC), dark brown, dry to damp, loose, medium clayey sand
- 2 - 25' Alluvial/Mudflow Deposits
Gravels (GW/GC), brown, damp, loose to medium dense, clayey medium sandy gravels, gravels 6" minus
@ 4 ft. gravels and cobbles 1 ft. minus, becoming denser
@ 10 ft. heavy seepage
@ 14 ft. gray, very dense, wet coarse sandy cobbles, hard digging, cemented, round rocks
@ 18 ft. Gravels (GC), light brown, moist to wet, very dense clayey coarse sandy weathered rock, very angular, becoming more subrounded with depth

Total Depth: 25 ft.

Exploratory Trench No. T-14

Elevation: 1370 feet MSL, South Central Area

- 0 - 2' Topsoil Deposits
Sand (SM - SC), dark brown, dry to damp, loose, silty fine to medium clayey sand
- 2 - 26' Alluvial/Mudflow Deposits
Gravels (GW/GC), brown, damp, medium dense, clayey coarse sandy to sandy clayey gravels, gravels 6" plus
@ 4 ft. red brown, damp, stiff medium sandy clay (CH) with gravels 6" minus
@ 10 ft. Gravels (GC) - brown, damp, dense clayey to silty coarse sandy subrounded to rounded cobbles 6-18" in dimension

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@ 12 ft. moderate seepage, cobbles 18-24" in dimension
 @ 21 ft. Gravels (GW), brown, damp, very dense coarse silty to clayey sandstone, with cobbles up to 18-24", weathered bedrock?
 @ 27 ft. Bedrock – gray, moist, very stiff coarse sandy clay (CL) with pieces of very weathered serpentine, angular, breaks up easily

Total Depth: 28 ft.

Exploratory Trench No. T-15

Elevation: 1395 feet MSL, Southeast Area

0 – 5' Topsoil Deposits
 Sand (SC), red brown, damp, loose to medium dense, clayey medium sand, occasional gravels 3" minus

5' – 22' Alluvial/Mudflow Deposits
 Gravels (GW/GC), brown, damp to moist, dense, clayey medium sandy gravels, gravels 6" minus, subrounded
 @ 12 ft. Gravels (GW/GC), becomes clayey weathered red brown sandy clay to clayey sandy gravels
 @ 22 ft. very weathered bedrock
 No seepage observed
 Total Depth: 24 ft.

Exploratory Trench No. T-16

Elevation: 1380 feet MSL, Southeast Area

0 – 3' Topsoil Deposits
 Sand (SC), dark brown, dry to damp, loose, clayey medium sand,

3' – 20' Alluvial/Mudflow Deposits
 Sand (SC), brown, damp, medium dense clayey medium sand with gravels 6" minus
 @ 8 ft. Gravels (GW), brown, moist, medium dense, clayey medium sandy gravels and cobbles 18" minus, well rounded cobbles, 40% cobbles, 60% clayey sand
 @ 8 ft. moderate seepage
 @ 11-12', sample; 56% gravel, 20% sand, 16% fines
 @ 14-16 ft. large cobbles and boulders up to 24" in dimension, red brown, not too weathered
 @ 20 ft. Bedrock - Clay (CH), red brown, moist, stiff, medium sandy clay, weathered horizon?

Total Depth: 25 ft.

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Sample taken at 11 ft. below surface, tested

Exploratory Trench No. T-17

Elevation: 1380 feet MSL, Northeast Area

- 0 - ½ ft. Topsoil Deposits
Clay (CL), dark brown to black, dry, stiff, medium sandy clay
- 6" - 24' Alluvial/Mudflow Deposits
Gravels (GWGC), brown, dry, dense, clayey medium sandy gravels and
cobbles up to 2 ft. in dimension
@ 9 ft. moderate seepage
@ 9 ft. Gravels (GC/GW), brown, moist to wet, dense clayey medium to
coarse sandy cobbles to boulders up to 2 ft. in dimension
@ 12 ft. Clay (CL-CH), gray brown, moist, stiff medium sandy clay
@ 16 ft. Clay (CH), gray, moist, stiff medium sandy clay

Total Depth: 24 ft.

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SALEM OF

FIELD EXPLORATION LOG

Exploration No. SVB-1 Date 05/28/13
 Project Name SUNNY VALLEY S & G PROPERTY Location NE CORNER TL 400
 Job No 12-283D Elev 1,410' Exploration Method Rotary Sonic - 7" OD Barrel
 Logger HTK Datum MSL Equipment Boart Longyear RS 600

Depth (feet)	Soil/Bedrock Description	Sample No.	Sample Depth	Ground water	Lab Data/ Comments
1	Topsoil.	1	0-1		
	Sand (SM), dark brown, dry to damp, loose, fine to crs.	2	1-2		
	silty to clayey, organic rich, cobbles to boulders. 0-2'	3	2-3		
	@2' Alluvial/Mudflow Deposits.	4	3-4		
	Gravel (GM/GC), brown-gray, dry-damp, lse-med dense	5	4-5		
	Fn-cse, ang-rnd gravel with cobbles-boulders (24"-).	5	5-6		
	Sandy, silty-clayey	6	6-8		
	@6' damp-wet				
	@7', boulders, slow drilling to 10'	7	8-9		
10		8	9-10		
		9	10-12	@11'	Checked 6/17/13 in both piezometers
	@ 12' Gravel (GC) brown-drk brn, damp-wet, dense.				
	Crs, sub ang-rnd gravel with cobble & boulders, clayey-	10	12-14		
	Very clayey, sl plastic clay				
		11	14-16		
		12	16-21		
20	@ 20', boulders, slow drilling to 23 feet				
		13	21-22		
		14	22-23		
	@23' Gravel (GC), gray, damp, dense, fn-crs, ang-rnd.	15	23-24		
	Gravel with slightly-highly weathered cobbles-bldrs	16	24-25		
	Very clayey	17	25-26		
		18	26-27		
		19	27-29		
30		20	29-31		
	@31, gray-brown	21	31-33		
	@33' Gravel (GW), brown to dk brn, damp-wet, dense,	22	33-35		
	Fn-crs sndy gravel with subang-rnd cobbles-bldrs,				
	Sl silty.	23	35-36		
	@36' silty to clayey	24	36-37		
	80% gravel, 18% sand, 2% fines	25	37-38		@36-39' SpG, Sieve, ODOT Tests
		26	38-39		
		27	39-41		
40		28	41-43		

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Figure No. A-1

3575 RUNNING DEER DRIVE, HELENA, MONTANA 59602

(406) 475-3244

LOCATION:

Lat: 42°37'46.3"N

Long: 123°19'4.6"W

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SALEM OF

FIELD EXPLORATION LOG

Exploration No. SVB-1 Date 05/28/13
 Project Name Sunny Valley S & G Property Location NE Corner TL 400
 Job No. 12-283D Elev. 1,410' Exploration Method Rotary Sonic - 7" OD Barrel
 Logger HTK Datum MSL Equipment Boart Longyear RS 600

Depth (feet)	Soil/Bedrock Description	Sample No.	Sample Depth	Ground water	Lab Data/ Comments
41	Gravel (GM/GC) brown-dk brn, damp-wet, dense	27	39-41		
	Ang-rnd, fin-crs sandy with subang-rnd cobble-bldrs	28	41-43		
	Silty to clayey	29	43-44		
		30	44-46		
	@46', very clayey (GC)	31	46-47		
		32	47-48		
		33	48-49		
		34	49-50		
50	44% gravel, 11% sand, 18% fines	35	50-52		@50-54' - SpG, Sieve, ODOT Tests
		36	52-54		
		37	54-56		
	@56' Gravel (GC) gray, damp-moist, dense, fn-crs, Ang-rnd, gravel with cobble-bldrs, very slow drilling	40	56-58		
		41	58-60		
		42	60-61		
		43	61-62		
		44	62-63		
		45	63-64		
		46	64-66		
		47	66-68		
		48	68-69		
		49	69-71		
70		50	71-72		
		51	72-73		
		52	73-75		
		53	75-77		
		54	77-79		
	@77', Bedrock				
	Gabbro?, brn-redbrn, dry, v. dense, partially-highly				
	Decomposed to gravelly sand, with some remnant				
80	Structure of igneous rock	55	79-81		

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Figure No. A-2

3575 RUNNING DEER DRIVE, HELENA, MONTANA 59602

(406) 465-3244

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SALEM, OR

FIELD EXPLORATION LOG

Exploration No. SVB-1 **HIGH BANKS – SPRINGFIELD SITE** Date 05/28/13
 Project Name Sunny Valley S & G Property Location NE CORNER TL 400
 Job No. 12-283D Elev. 1,410' Exploration Method Rotary Sonic – 7" OD Barrel
 Logger HTK Datum MSL Equipment Boart Longyear RS 600

Depth (feet)	Soil/Bedrock Description	Sample No.	Sample Depth	Ground water	Lab Data/ Comments
81	Gabbro?, brn-rd brn, dry, dense, partially-highly Decomposed to gravelly sand	55	79-81		
		56	81-83		
		57	83-84		
		58	84-85		
		59	85-86		
		60	86-87		
		61	87-89		
90	Bottom at 89.0 feet				
100					
110					
120					

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Figure No. **A-3**

3575 RUNNING DEER DRIVE, HELENA, MONTANA 59602

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FIELD EXPLORATION LOG

Exploration No. SVB-2

Date 05/30/13

Project Name SUNNY VALLEY S & G PROPERTY

Location Western Portion TL 1200

Job No. 12-283D Elev. 1335'

Exploration Method Rotary Sonic - 7" OD Barrel

Logger HTK Datum MSL

Equipment Boart Longyear RS 600

Depth (feet)	Soil/Bedrock Description	Sample No.	Sample Depth	Ground water	Lab Data/ Comments
1	Topsoil	1	0-3		
	Sand, silty, dark brown, damp, loose, fine to med sand, With cobbles-boulders, organic rich				
	@4' Alluvial/Mudflow Deposits	2	3-5	@6.2'	Checked 6/17/13
	Gravel (GM/GC) brown, damp, med dense, round to round, fine to crs gravel, fine to coarse sandy, clayey	3	5-6	@7.3'	Deep piezometer
	With cobble-boulders	4	6-8		Shallow peizometer+
	@8' Gravel (GC) gray-green, damp, dense, fn-crs, Subang-rnd, gravelvery clayey, sl plastic, with cobble To boulder size rock	5	8-10		
10		6	10-12		
		7	12-14		
		8	14-16		
		9	16-17		
		10	17-19		
20		11	19-22		
		12	22-23		
		13	23-25		
	@27' GW/GC, slightly clayey, fine to coarse sandy 56% gravel, 24% sand, 15% fines	14	25-26		
		15	26-27		@26-30', SpG, Sieve, ODOT Tests
		16	27-28		
		17	28-30		
30	@30, Gravel (GW/GC), gray-green, damp, dense, fn-Crs gravel with subang-round cobbles-bldrs, slightly-Very clayey	18	30-31		
		19	31-33		
	51% gravel, 16% sand, 10% fines	20	33-34		@33-37', SpG, Sieve, ODOT Tests
		21	34-36		
		22	36-37		
		22	37-38		
	@38', Bedrock	24	38-39		
	Serpentine-, green-black, dry, very dense, partially to	25	39-40		
40	Totally decomposed to gravelly sand with cobble to Boulder size fragments of serpentine bedrock	26	40-42		

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Figure No. **A-4**

3575 RUNNING DEER DRIVE, HELENA, MONTANA 59602

(406) 475-3244

LOCATION:

Lat: 42°37'46.3"N

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FIELD EXPLORATION LOG

Exploration No. SVB-2

Date 05/30/13

Project Name SUNNY VALLEY S & G

Location WESTERN PORTION TL 1200

Job No. 12-283D Elev. 1,335"

Exploration Method Rotary Sonic - 7" OD Barrel

Logger HTK Datum MSL

Equipment Boart Longyear RS 600

Depth (feet)	Soil/Bedrock Description	Sample No.	Sample Depth	Ground water	Lab Data/ Comments
41	Serpentine, green-black, dry, very dense, partially to Totally decomposed to gravelly sand with cobble to Boulder size fragments of the serpentine bedrock.	26	40-42		
		27	42-43		
		28	43-44		
		29	44-45		
		30	45-46		
		31	46-48		
		32	48-49		
		33	49-50		
50					
	Bottom @ 50.0 feet				
60					
70					
80					

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Figure No. **A-5**

3575 RUNNING DEER DRIVE, HELENA, MONTANA 59602

(406) 475-3244

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SALEM, OR

Mary Rohling

From: Langford, Shonee D. <SLangford@SCHWABE.com>
Sent: Tuesday, January 14, 2014 4:13 PM
To: Mary Rohling
Subject: Apps. R-87929, R-87930, R-87931 and R-87932

Mary,

I am writing on behalf of applicant Sunny Valley Sand & Gravel regarding the above-referenced alternate reservoir applications, each of which proposes to divert water from the same POD. It has come to my attention that the location of the proposed POD is owned by Jack and Jackie Gray. The Grays were not listed as affected property owners in Section 5 (Property Ownership) of the application forms.

By this email, we are providing notice that the Grays own the property described as tax lot 1002 in Section 8, Township 34 South, Range 5 West, W.M. and that Sunny Valley Sand and Gravel has written authorization permitting access to the Grays' property to construct and use the proposed POD. The Grays' contact information is provided below.

JACK W. AND JACKIE L. GRAY
PO BOX 354
WOLF CREEK, OR 97497-0354

Please let me know if you have any questions.

Thank you.

Shonee

Mr. Shonee D. Langford | Attorney
Schwabe, Williamson & Wyatt
530 Center Street NE, Suite 400, Salem, OR 97301
Direct: 503-540-4261 | Fax: 503-796-2900
Email: slangford@schwabe.com
Assistant: Karen Donohue | Direct: 503-540-4262 | kdonohue@schwabe.com
Legal advisors for the future of your business®
www.schwabe.com

To comply with IRS regulations, we are required to inform you that this message, if it contains advice relating to federal taxes, cannot be used for the purpose of avoiding penalties that may be imposed under federal tax law. Any tax advice that is expressed in this message is limited to the tax issues addressed in this message. If advice is required that satisfies applicable IRS regulations, for a tax opinion appropriate for avoidance of federal tax law penalties, please contact a Schwabe attorney to arrange a suitable engagement for that purpose.



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301
(503) 986-0900
www.wrd.state.or.us

Application for a Permit to Store Water in a Reservoir (Alternate Review)

Alternate Review Process (ORS 537.409): You may use this form for any reservoir storing less than 9.2 acre-feet or with a dam less than 10 feet high.

Use a separate form for each reservoir

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply, insert "n/a". A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml.

1. APPLICANT INFORMATION

Applicant: Sunny Valley Sand and Gravel, Inc. Attn: Andreas Blech
First Last
 Mailing Address: 1867 Williams Highway #260
Grants Pass OR 97527
City State Zip
 Phone: 541-244-2644 541-226-8784
Home Work Other
 Fax: 541-244-2651 E-Mail Address*: andreas@blech.us
 * By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

2. AGENT INFORMATION

The agent is authorized to represent the applicant in all matters relating to this application.

Agent: Martha O. Pagel Schwabe Williamson & Wyatt
First Last
 Mailing Address: 530 Center St NE, Ste 400
Salem OR 97301
City State Zip
 Phone: 503-540-4260
Home Work Other
 Fax: 503-796-2900 E-Mail Address*: mpagel@schwabe.com
 * By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

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3. LOCATION AND SOURCE

SEP 12 2013

A. Reservoir Name: Reservoir 3

WATER RESOURCES DEPT
SALEM, OREGON

B. Source: Provide the name of the water body or other source from which water will be diverted, of the stream or lake it flows into. Indicate if source is run-off, seepage, or an unnamed stream or spring.
 Source: Grave Creek and surface run-off Tributary to: Rogue River

C. County in which diversion occurs: Josephine

App. No. <u>R87931</u>	For Department Use Permit No. _____	Date _____
------------------------	--	------------

D. Reservoir Location

Township (N or S)	Range (E or W)	Section	quarter/quarter	tax lot number
34S	5W	8	SW SW	400
34S	5W	8	SE SW	400

E. Dam: Maximum height of dam : 5 feet. If excavated, write "zero feet".

F. Quantity: Amount of water to be stored in the reservoir at maximum capacity. List volume in acre-feet: 65.0

Is this project fully or partially funded by the American Recovery and Reinvestment Act? (Federal stimulus dollars) Yes x No

4. WATER USE

Indicate the proposed use(s) of the stored water. NOTE: You may wish to consider filing for "Multipurpose use" for your reservoir. Multipurpose use does not limit the types of future uses for the stored water. Multipurpose covers all uses including: stockwater, fish and wildlife, aesthetics, domestic, irrigation, agriculture, fire protection and pollution abatement. If any use will be out of reservoir use, regardless of the type of storage listed, a secondary application must be filed to appropriate the stored water.

Multipurpose use.

5. PROPERTY OWNERSHIP

Please provide a copy of the recorded deed(s).

Do you own all the land where you propose to divert, transport, and use water?

 Yes (please check appropriate box below then skip to section 5)

 There are no encumbrances

 This land is encumbered by easements, right of way, roads of way, roads or other encumbrances

 No (Please check the appropriate box below)

 x I have a recorded easement or written authorization permitting access.

 I do not currently have written authorization or easement permitting access.

Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigated and/or domestic use only (ORS 274.040). (Do not check this box if you described your use as "Multipurpose" in #3 above.)

List the names and mailing addresses of all affected landowners:

Andreas and Carole Blech, 1867 Williams Hwy., #270, Grants Pass, OrR 97527

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SALEM, OREGON

6. ENVIRONMENTAL IMPACT

- A. **Channel:** Is the reservoir: ☐ in-stream or ☒ off channel?
- B. **Wetland:** Is the project in a wetland? ☐ Yes ☒ No ☐ Don't know
- C. **Existing:** Is this an existing reservoir? ☐ Yes ☒ No
If yes, how long has it been in place? N/A years.
- D. **Fish Habitat:** Is there fish habitat upstream of the proposed structure? ☒ Yes ☐ No ☐ Don't know
If yes, how much? unknown miles.
- E. **Partnerships:** Have you been working with other agencies? ☒ Yes ☐ No
Indicate agency, staff and phone numbers of those involved. Also indicate any agencies that are cost sharing in this project.

Isaac Sanders, Oregon Dept. of Geology & Mineral Industries, 541-967-2081

7. WITHIN A DISTRICT

☐ Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name N/A	Address	
City	State	Zip

8. DESCRIPTION

Provide a description of the design and operation of the proposed diversion, including a description of how live flow will be passed outside the authorized storage season. Use this space for narrative. You may also provide narrative and sketches on separate pages.

Water will be diverted from Grave Creek using a weir or gated control structure. The water will gravity flow in a pipe to Reservoir 3. The reservoir will be excavated into the subsurface and will have a 5-feet-high dam on the low edge (see sketch on the following page).

An approximately 1-foot-tall berm will be constructed on the uphill sides of the reservoir during the period each year when storm-water run-off may not be intercepted for storage. The berm will be breached or removed during the months that run-off can be collected.

The weir or gated structure on the creek will remain closed outside the authorized storage season. Water can be pumped from the reservoir if it must be drained.

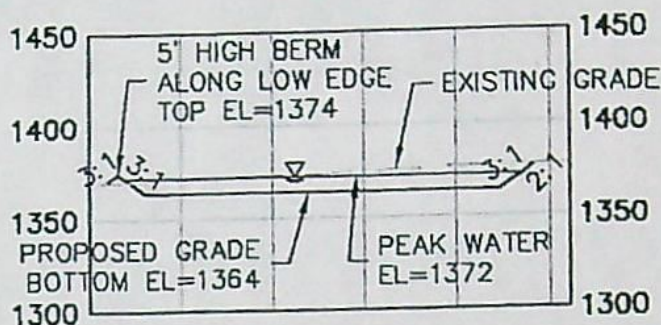
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WATER RESOURCES DEPT
SALEM, OREGON

287931

If the diversion involves a dam, use this space for sketches of the diversion (e.g. cross-section of the dam with its dimensions, dimension and placement of outlet pipe, means of passing live flow outside of the authorized storage season, and means for providing fish passage).



RESERVOIR 3

SCALE: 1"=200' H 1"=100' V

THE RESERVOIR WILL BE LOCATED OFF CHANNEL. LIVE FLOWS WILL NOT BE DIVERTED OUTSIDE OF THE AUTHORIZED STORAGE SEASON. THE RESERVOIR CAN BE EMPTIED (IF NEEDED) BY PUMPING WATER OUT FROM THE RESERVOIR.

9. SIGNATURE

I swear that all statements made and information provided in this application are true and correct to the best of my knowledge.

[Handwritten Signature]

Landowner Signature

9-11-13

Date

Before you submit your application be sure you have:

- Answered each question completely.
- Included a legible map that includes Township, Range, Section, quarter-quarter and tax lot number.
- The map must meet map requirements to be accepted.
- Included a land use form or receipt stub signed by a local planning official.
- Included a check payable to Oregon Water Resources Department for the appropriate amount.

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SALEM, OREGON

FEE STRUCTURE: The fee is based on the number of acre-feet proposed to be stored. The base fee is \$300. In addition, there is a fee of \$25 per acre-foot or fraction thereof. Example: 0.3 AF= \$325; 1.5 AF= \$350; 20.0 AF= \$800; 30.0 AF= \$1050. Plus a permit recording fee of \$400 (this fee is refunded if no permit is issued).

R 87931

2003

WATERMASTER ALTERNATE RESERVOIR APPLICATION REVIEW SHEET

Recommendations for Water Right Applications under the Alternate Reservoir review process (ORS 537.409)

In lieu of the water right application process set forth in ORS 537.140 to 537.211, an owner of a reservoir may submit an alternate reservoir application for a reservoir that has a storage capacity less than 9.2 acre-feet or a dam or impoundment structure less than 10 feet in height. ORS 537.409 describes the criteria used to evaluate alternate reservoir applications.

The review shall be limited to issues pertaining to: a) water availability, b) potential detrimental impact to existing fishery resources; and c) potential injury to existing water rights. (ORS 537.409 (6))

Within 60 days after the department provides public notice...any person may submit detailed, legally obtained information in writing, requesting the department to deny the application for a permit on the basis that the reservoir: (a) Would result in injury to an existing water right; or (b) Would pose a significant detrimental impact to existing fishery resources. (ORS 537.409 (5))

The review of alternate reservoirs is limited to these criteria only.

Application #: R-

Applicant's Name:

Sunny Valley Sand and Gravel, Inc

1) Does the proposed reservoir have the potential to injure existing water rights?

☒ NO ☐ YES

Explain:

2) Can conditions be applied to mitigate the potential injury to existing water rights?

☐ NO ☐ YES

If YES, which conditions are recommended:

3) Did you meet with staff from another agency to discuss this application?

☒ NO ☐ YES

Who:

Agency:

Date:

Who:

Agency:

Date:

Watermaster signature:

Kathy S. P.

Date:

8-12-2013

WRD Contact:

Caseworker:

Water Rights Division, 503-986-0900 / Fax 503-986-0901

NOTE: This completed form must be returned to the applicant

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WATER RESOURCES DEPT
SALEM, OREGON

R87731

ODFW Alternate Reservoir Application Review Sheet

This portion to be completed by the applicant.

Applicant Name/Address/Phone/Email: Sunny Valley Sand and Gravel, Inc.

1867 Williams Highway #260, Grants Pass, OR 97527; 541-244-2644; andreas@blech.us

Reservoir Name: Reservoir 3 Source: Grave Creek Volume (AF): 65.0

Twp Rng Sec QQ: T34S, R5W, Sec. 8, SW SW & SE SW Basin Name: Rogue River ☐ in-channel
☒ off-channel

Note: It is unlikely that ODFW will be able to complete this form while you wait, nevertheless we recommend making an appointment to submit the form so as to provide any necessary clarifications. See pg. 6 of Instructions for contact information.

This portion to be completed by Oregon Department of Fish and Wildlife (ODFW) District staff.

1) Is the proposed project and AO¹ off channel? ☒ YES ☐ NO
(if yes then proceed to #4; if no then proceed to #2)

2) Is the proposed project or AO located where NMF² are or were historically present? ☐ YES ☐ NO
(if yes then proceed to #3; if no then proceed to #4)

3) If NMF are or were historically present:

- a. Is there an ODFW-approved fish-passage plan? ☐ YES ☐ NO
b. Is there an ODFW-approved fish-passage waiver or exemption? ☐ YES ☐ NO

If fish passage is required under ORS 509.580 through .910, then either 3(a) or 3(b) must be "Yes" to move forward with the application. If responses to 3(a) and 3(b) are "No", then the proposed reservoir does not meet the requirements of Oregon Fish Passage Law and shall not be constructed as proposed.

4) Would the proposed project pose any other significant detrimental impact to an existing fishery resource locally or downstream? ☒ YES ☐ NO
Explain below (for example, list STE species or other existing fishery resources that would be impacted negatively.)

☒ Any diversion or appropriation of water for storage during the period April
through December poses a significant detrimental impact to existing fishery resources.
(For example, if diversion of water for storage during a certain time period would cause a significant detrimental impact to an existing fishery resource, then ODFW should recommend conditions or limitations.)
If NMF fish are present at the project site or point of water diversion then the applicant should be advised that a fish screen consistent with screening criteria will be required.

- ☐ This proposed pond or reservoir contemplates impounding water in the Columbia Basin above Bonneville Dam. ODFW has determined that additional diversions of water in this area pose a significant detrimental impact to existing fishery resources during the period April 15 through September 30.

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SALEM, OREGON

¹ AO = Artificial Obstruction means any dam, diversion, culvert or other human-made device placed in waters of this state that precludes or prevents the migration of native migratory fish. ORS 509.580 (1)

² NMF = Native Migratory Fish Species in Oregon as defined by OAR 635 - 412 - 0005 (32)

R 87731

Grave Creek provides spawning, rearing, and migration habitat for Federally threatened coho salmon, and State sensitive summer steelhead and Pacific lamprey. Additionally, fall chinook salmon, coastal cutthroat trout and winter steelhead utilize Grave Creek.

There is an instream water right, IS71035A, present on Grave Creek. The purpose of the instream water right is to provide adequate water for spawning, rearing, and migration for the species listed above. OWRD has determined that water would be available for storage during the period January through March. ODFW recommends the applicant only be allowed to divert water during the period January through March if the instream flow requirements are being met.

If YES, can conditions be applied to mitigate the significant detrimental impact to an existing fishery resource?
☐ NO (explain) ☒ YES (select from Menu of Conditions on next page)

Fishdiv33
b51a; the period of use has been limited to January through March.
B57

ODFW Signature: Peter Samarin

Print Name: Peter Samarin

ODFW Title: Asst District Fish Biologist

Date: 8/29/2013

NOTE: This completed form must be returned to the applicant.

Revised 10/4/12

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Use this menu to identify appropriate conditions to be included in the permit, and indicate the abbreviations on the review form:

fishpass: As required by ORS 509.585, a person owning or operating an artificial obstruction (AO) may not construct or maintain any AO across any waters of this state that are inhabited, or historically inhabited, by native migratory fish (NMF) without providing passage for NMF. A person owning or operating an AO shall, prior to construction, fundamental change in permit status or abandonment of the AO in any waters of this state, obtain a determination from ODFW as to whether NMF are or historically have been present in the waters. If ODFW determines that NMF are or historically have been present in the waters, the person owning or operating the AO shall either submit a proposal for fish passage to ODFW or apply for a waiver or exemption. Approval of the proposed fish-pass facility, waiver, or exemption must be obtained from the department prior to construction, permit modification or abandonment of the AO. Approved fish-pass facility, waiver, and exemptions shall maintain adequate passage of NMF at all times (ORS 509.601) as per the approved plan, waiver or exemption.

fishself: The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional prior to diversion of any water. Permittee shall obtain written approval from ODFW that the installation of the required screen and by-pass devices meets the state's criteria or the permittee shall submit documentation that ODFW has determined screens and/or by-pass devices are not necessary.

fishapprove: The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional, and approved in writing by ODFW prior to diversion of any water. The permittee may submit evidence in writing that ODFW has determined screens and/or by-pass devices are not necessary.

fishdiv33: If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

The use may be restricted if the quality of the source stream or downstream waters decrease to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional, and approved in writing by ODFW prior to diversion of any water. The permittee may submit evidence in writing that ODFW has determined screens and/or by-pass devices are not necessary.

fishmay: Notwithstanding that ODFW has made a determination that fish screens and/or by-pass devices are not necessary at the time of permit issuance, the permittee may be required in the future to install, maintain, and operate fish screening and by-pass devices to prevent fish from entering the proposed diversion and to provide adequate upstream and downstream passage for fish.

b52 Water may be diverted only when Department of Environmental Quality sediment standards are being met.

b5 The water user shall install and maintain adequate treatment facilities meeting current DEQ requirements to remove sediment before returning the water to the stream.

b51a The period of use has been limited to _____ through _____.

b57 Before water use may begin under this permit, a totalizing flow meter must be installed at each diversion point.

b58 Before water use may begin under this permit, a staff gage that measures the entire range and stage between full reservoir level and dead-pool storage must be installed in the reservoir. The staff gage shall be United States Geological Survey style porcelain enamel iron staff gage style A, C, E or I.

futile call: The use of water allowed herein may be made only at times when waters from the (NAME OF SURFACE WATER) would not otherwise flow into a tributary of the _____ River or sufficient water is available to satisfy all prior rights, including rights for maintaining instream flows.

riparian: If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

wq: The use may be restricted if the quality of the source stream or downstream waters decrease to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

fence: The stream and its adjacent riparian area shall be fenced to exclude livestock.

blv: Water must be diverted to a trough or tank through an enclosed water delivery system. The delivery system must be equipped with an automatic shutoff or limiting flow control mechanism or include a means for returning water to the stream source through an enclosed delivery system. The use of water shall not exceed 0.10 cubic feet per second per 1000 head of livestock.

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WATER RESOURCES DEPT
SALEM, OREGON

R 87931

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

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WATER RESOURCES DEPT
SALEM, OREGON

R87931

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Applicant: Sunny Valley Sand and Gravel, Inc.

First

Attn: Andreas Blech

Last

Mailing Address: 1867 Williams Highway #260

Grants Pass

City

OR

State

97527

Zip

Daytime Phone: 541-244-2644

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:	Proposed Land Use:
SEE ATTACHED						☐ Diverted ☐ Conveyed ☐ Used	
						☐ Diverted ☐ Conveyed ☐ Used	
						☐ Diverted ☐ Conveyed ☐ Used	
						☐ Diverted ☐ Conveyed ☐ Used	

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Josephine County

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- ☒ Permit to Use or Store Water ☐ Water Right Transfer ☐ Permit Amendment or Ground Water Registration Modification
☐ Limited Water Use License ☐ Allocation of Conserved Water ☐ Exchange of Water

Source of water: ☐ Reservoir/Pond ☐ Ground Water ☒ Surface Water (name) Grave Creek

Estimated quantity of water needed: 65.0 ☐ cubic feet per second ☐ gallons per minute ☒ acre-feet

Intended use of water: ☐ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for household(s)
☐ Municipal ☐ Quasi-Municipal ☐ Instream ☒ Other Multi purpose

Briefly describe:

Water will be diverted to the reservoir in the winter and spring, and stored for subsequent multi-purpose use related to proposed sand and gravel mining operations. A Post Acknowledgement Plan Agreement (PAPA) will be filed within about 30 days. Additional applications will be filed in connection with any proposed secondary use of the stored water.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

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WATER RESOURCES DEPT
SALEM, OREGON

R 87931

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

- ☐ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): _____
- ☒ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) If approvals have been obtained but all appeal periods have not ended, check "Being pursued."

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
Comp Plan Amendment and Rezone	Comp Plan Goals 7 and 10 Articles 66.1, 72.040, and 91	☐ Obtained ☐ Denied	☒ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

Reservoir intended to provide water for aggregate mining

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WATER RESOURCES DEPT
SALEM, OREGON

Name: Dick Converse Title: Interim Planning Director

Signature: Dick Converse Phone: 541-474-5428 Date: 9-4-13

Government Entity: Josephine County Planning

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

ATTACHMENT TO:

Oregon Water Resources Department
Land Use Information Form

Applicant Name: Sunny Valley Sand and Gravel Inc.
Reservoir 3

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), or used. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan designation	Water to be:	Proposed Land Use:
34 S	5 W	8	NE SW	400	Forest Commercial Wood Lot Resource	☐ Diverted ☒ Conveyed ☐ Used	Reservoir for aggregate mining
34 S	5 W	8	SW SW	400	Forest Commercial Wood Lot Resource	☐ Diverted ☐ Conveyed ☒ Used	Reservoir for aggregate mining
34 S	5 W	8	SE SW	400	Forest Commercial Wood Lot Resource	☐ Diverted ☒ Conveyed ☒ Used	Reservoir for aggregate mining
34 S	5 W	8	NW SE	1002	Rural Residential	☒ Diverted ☒ Conveyed ☐ Used	Reservoir for aggregate mining

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WATER RESOURCES DEPT
SALEM, OREGON

156687

(3)

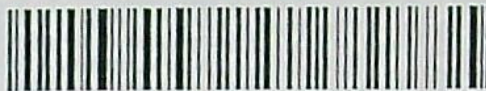
JOSEPHINE COUNTY OFFICIAL RECORDS

ART HARVEY, COUNTY CLERK 2010-013083

DED-WRD

Cnt=1 Pgs=3 Stn=3 TMORRIS 10/12/2010 10:31 AM

\$15.00 \$11.00 \$15.00 \$8.00 \$5.00 Total:\$54.00



00258612201000130830030037

I, Art Harvey, County Clerk, certify that the within document was received and duly recorded in the official records of Josephine County.

Ja 1632465 (84)

After Recording Return to:
Andreas Blech and Carole Blech
1867 Williams Hwy., #270
Grants Pass, OR 97527

Until a change is requested,
all tax statements shall be
sent to the following address:
Andreas Blech and Carole Blech
1867 Williams Hwy., #270
Grants Pass, OR 97527

54.

WARRANTY DEED

DOUG AND JACK'S MINE, LLC, an Oregon Limited Liability Company, Grantor, conveys and warrants to **ANDREAS BLECH and CAROLE BLECH**, husband and wife as tenants by the entirety, Grantees, all of it's right, title and interest in and to the following described real property located at 153 Daisy Mine Road, Wolf Creek, Oregon 97497, more particularly described as follows:

The Southeast Quarter of the Southeast Quarter of Section 7, and the Southwest Quarter of Section 8, all in Township 34, Range 5 West of the Willamette Meridian, Josephine County, Oregon, EXCEPTING THEREFROM and portion lying Northerly of the Southerly right-of-way line of Placer Road. TOGETHER WITH: An Easement appurtenant to the herein described property for ingress and egress including the terms and provisions thereof, as set forth in instrument recorded in Document No. Volume 324, Page 572, Josephine County Deed Records of Josephine County, Oregon

Tax Parcel Number R300831 and R300826

The true and actual consideration for this transfer is the sum of

Subject to:

1. Rights of the public and of governmental bodies in and to that portion of the premises herein described lying within the limits of streets, roads and highways.

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WATER RESOURCES DEPT
SALEM, OREGON

R 87931

2. Easement for electric transmission and distribution lines of one or more wires, and all necessary or desirable appurtenances, including telephone and telegraph wires, towers poles, props, guys, and other supports; and related matters.

Recording information: Volume 153, Page 466, and Volume 165, Page 569, Josephine County Deed Records.

Grantee: California Oregon Power Company
Affects: Not Specific

3. Easement for electric transmission and distribution of one or more wires and all necessary or desirable appurtenances, including telephone and telegraph wires towers, poles, props, guys and other supports; and related matters.

Recording Information: Volume 214, Page 467, Josephine County Deed Records

Grantee: California Oregon Power Company
Affects: Not Specific

4. Easement, including the terms and provisions contained therein:

Recording Information: Volume 229, Page 399, Josephine County Deed Records

For: Gas Pipeline

5. Easement, including terms and provisions contained therein:

Recording Information: Volume 324, Page 1721, Josephine County Deed Records

For: Permanent easement for roadway purposes
(Affects TL 400)

6. Easement, including terms and provisions contained therein:

Recording Information: Volume 326, Page 1318, Josephine County Deed Records

For: Well and Pipeline (Affects TL400)

7. Easement, including terms and provisions contained therein:

Recording Information: 2002-007430 and re-recorded as 2002-008736
Official Records of Josephine County, Oregon.

For: A permanent easement for roadway purposes

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SALEM, OREGON

R 87931

(3)

~~The true and actual consideration for this transfer is the sum of Six hundred thousand Dollars (\$600,000.00).~~

Dated this 6th day of October, 2010.

NOTE: THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930.

THE PROPERTY DESCRIBED IN THIS INSTRUMENT MAY NOT BE WITHIN A FIRE PROTECTION DISTRICT PROTECTING STRUCTURES. THE PROPERTY IS SUBJECT TO LAND USE LAWS AND REGULATIONS WHICH IN FARM OR FOREST ZONES MAY NOT AUTHORIZE CONSTRUCTION OR SITING OF A RESIDENCE AND WHICH LIMIT LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930 IN ALL ZONES. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND EXISTENCE OF FIRE PROTECTION FOR STRUCTURES.

DOUG AND JACK'S MINE, LLC, an Oregon limited liability company

By: [Signature]
Jack H. Smith, Managing Member, Trustee of the Smith Family Trust dated July 28, 2008 as Managing Member

STATE OF OREGON)
) ss.
COUNTY OF JACKSON)

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WATER RESOURCES DEPT
SALEM, OREGON

This instrument was acknowledged before me on October 6, 2010 by Jack H. Smith as **
~~Managing Member of Doug and Jack's Mine, LLC.~~

Barbara J. Feinstein
Notary Public for Oregon
** Trustee of the Smith Family Trust dated July 28, 2008 as
Managing Member of Doug and Jack's Mine, LLC.

3 - Warranty Deed



R87931

OREGON

Go

Water Resources Department

**Permit to Appropriate Surface Water for Storage -
Alternate Reservoir Application**

For impoundments less than 10 feet in height or storing less than 9.2 acre feet of water.

Today's Date: Friday, September 13, 2013

Base Application Fee for Storage of Surface Water.		\$350.00
Proposed Dam Height in feet.	5	
Proposed Reservoir volume in Acre Feet.	65	\$1,950.00
Permit Recording Fee. ***		\$450.00
*** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. It is fully refundable if a permit is not issued. If the recording fee is not paid prior to issuance of the Final Order, permit issuance will be delayed.	Recalculate	
Estimated cost of Permit Application		\$2,750.00

[Return to Fee Calculator Options page](#)[OWRD Fee Schedule](#)

Fee Calculator Version: B20130709



DATUMS AND DATA SOURCES:

DATUM:
HORIZONTAL DATUM: NAD 83(91)
VERTICAL DATUM: NAVD 88
PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: STATE PLANE OREGON SOUTH

MAPPING:
JDI (GeoTerra Mapping Group)
CONTACT: RON SLUGGETT
541-343-8877

AERIAL PHOTO:
BERGMAN PHOTOGRAPHIC SERVICES
CONTACT: BRUCE BERGMAN
503-239-6010

GROUND SURVEY:
VOORHEIS LAND SURVEYING
CONTACT: JOHN VOORHEIS
541-476-0601

TAX LOT MAPPING:
JOSEPHINE COUNTY GIS ONLINE MAPPING SHAPE FILES
<http://68.185.2.151/webotools/data/shapfiles/>

NOTES:

PROPERTY LEGAL DESCRIPTION:
SECTION 7 & 8, TWP. 34S, RGE. 5W W.M.,
TAX LOTS 1200, 1300, 400,
ZONED WOODLOT RESOURCE (WR)
AND TAX LOT 1002,
ZONED RURAL RESIDENTIAL 5 ACRES (RR5) IN JOSEPHINE COUNTY

SEASONAL STORM WATER MANAGEMENT BERMS:
A MINIMUM ONE-FOOT BERM TO BE CONSTRUCTED ON THE
UPLOPE SIDES OF EACH RESERVOIR. BERMS TO BE IN
PLACE APPROXIMATELY APRIL THROUGH NOVEMBER OF
EACH YEAR TO DIRECT SURFACE WATER AWAY FROM THE
RESERVOIRS. BERMS TO BE REMOVED BETWEEN
APPROXIMATELY DECEMBER AND MARCH.

WATER RIGHTS:

REFERENCE: SKOOKUM WATER ASSOCIATES INC. "OWRD APPLICATION TO
STONE WATER: ALTERNATE PROCESS. RESERVOIRS 1-4, PREPARED BY
SKOOKUM WATER ASSOCIATES". AUG. 2013

(NOTE: RESERVOIR 1 DELETED)

LEGEND

- DOGAMI PERMIT BOUNDARY
- EXISTING 5' MINOR CONTOUR
- EXISTING 25' MAJOR CONTOUR
- 100 YR BASE FLOOD BOUNDARY*
- FLOODWAY BOUNDARY*
- JOSEPHINE COUNTY SHAPE FILE TAX LOT LINES FOR ILLUSTRATIVE PURPOSES ONLY
- RESERVOIRS
- EXISTING STRUCTURE
- EXISTING GRAVEL ROAD
- EXISTING PAVED ROAD
- PP&L POWER POLE AND EASEMENT
- APPROX. LOCATION OF WILLIAMS-NW PIPELINE (60' WIDE EASEMENT)
- EXISTING FENCE
- GRAVE'S CREEK (PER WETLAND CONSULTANT)

*REFERENCE THORNTON ENGINEERING REPORT DATED AUG, 2013

PERMITTEE/OPERATOR:

SUNNY VALLEY SAND AND GRAVEL INC.
1867 WILLIAMS HIGHWAY #260
GRANTS PASS, OR 97527
CONTACT: MR. ANDREAS BLECH
(541) 224-2644

ENGINEERING GEOLOGIST:

KUPER CONSULTING LLC
ENGINEERING GEOLOGY CONSULTANTS
3575 RUNNING DEER DRIVE
HELENA, MT 59602
(503) 638-9722

WESTLAKE CONSULTANTS INC.
ENGINEERING • SURVEYING • PLANNING
PACIFIC COASTAL CENTER
16111 W. 16TH AVENUE, SUITE 100
TUALO, OREGON 97146
TEL: (503) 684-0022 FAX: (503) 684-0157

SUNNY VALLEY SAND AND GRAVEL
JOSEPHINE COUNTY, OREGON
SITE PLAN AND PROPOSED RESERVOIR LOCATIONS

REVISIONS	DATE	DESCRIPTION

PLATE 1
JOB NO. 2371-001
AUG 2013

R-87931

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **109942**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # _____

RECEIVED FROM: Sunny Valley Sand & Gravel Inc.
BY: _____

APPLICATION	R 87931
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 91119 OTHER: (IDENTIFY) ☐ _____

TOTAL REC'D \$ 2750.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407	COPIES	\$
_____	OTHER: (IDENTIFY) _____	\$
0243 I/S Lease	0244 Muni Water Mgmt. Plan	0245 Cons. Water

4270 WRD OPERATING ACCT

MISCELLANEOUS		
0407	COPY & TAPE FEES	\$
0410	RESEARCH FEES	\$
0408	MISC REVENUE: (IDENTIFY) _____	\$
TC162	DEPOSIT LIAB. (IDENTIFY) _____	\$
0240	EXTENSION OF TIME	\$
WATER RIGHTS:		
0201	SURFACE WATER	\$
0203	GROUND WATER	\$
0205	TRANSFER	\$
WELL CONSTRUCTION		
0218	WELL DRILL CONSTRUCTOR	\$
	LANDOWNER'S PERMIT	\$
_____	OTHER (IDENTIFY) _____	\$

EXAM FEE
\$ <u>2300.00</u>
\$
\$
EXAM FEE
\$

RECORD FEE
\$ <u>450.00</u>
\$

LICENSE FEE
\$
\$

0536 TREASURY 0437 WELL CONST. START FEE

0211	WELL CONST START FEE	\$	CARD #	
0210	MONITORING WELLS	\$	CARD #	
_____	OTHER (IDENTIFY) _____			

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233	POWER LICENSE FEE (FWWRD)	\$
0231	HYDRO LICENSE FEE (FWWRD)	\$
_____	HYDRO APPLICATION	\$

**RECEIVED
OVER THE COUNTER**

TREASURY OTHER / RDX

FUND _____	TITLE _____
OBJ. CODE _____	VENDOR # _____
DESCRIPTION _____	\$ _____

RECEIPT: **109942**

DATED: 9.12.13 BY: Bk Williamson

SUNNY VALLEY SAND & GRAVEL INC.

9119

Oregon Water Resources Dept.
09/05/13

Bill #

09/05/13

2,750.00

RES # 3

RECEIVED

SEP 12 2013

WATER RESOURCES DEPT
SALEM, OREGON

Evergreen Bank

2,750.00

Sunny Valley Sand and Gravel Inc.
Andreas Blech
1867 Williams Hwy Suite 260
Grants Pass, OR 97527 R-87931

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1867 Williams Hwy Suite 260
Grants Pass, OR 97527 R-87931



Sunny Valley Sand & Gravel, Inc. (R-87931)

Attn: Andreas Blech

1867 Williams Hwy Ste 260

Grants Pass, OR 97527-5804



Sunny Valley Sand & Gravel, Inc. (R-87931)

Attn: Andreas Blech

1867 Williams Hwy Ste 260

Grants Pass, OR 97527-5804