

**CLAIM OF
BENEFICIAL USE
for Groundwater Permits
claiming more than 0.1 cfs**



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

**A fee of \$230 must accompany this form for permits
with priority dates of July 9, 1987, or later.**

A separate form shall be completed for each permit.

In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
<https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

A claim of beneficial use includes both this report and a map. If the map is being mailed separately from this form, please include a note with this form indicating such.

If you have questions regarding the completion of this form, please call 503-979-9103.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see
<https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx>

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JUL 21 2025

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**SECTION 1
GENERAL INFORMATION**

1. File Information:

APPLICATION # G-17133	PERMIT # (IF APPLICABLE) G-16729	PERMIT AMENDMENT # (IF APPLICABLE) T- N/A
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2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME Skoro Ranch, LLC		PHONE NO. 503-740-7304	ADDITIONAL CONTACT NO. N/A
ADDRESS 11390 SE 222nd Dr			
CITY Damascus	STATE OR	ZIP 97089	E-MAIL mskoro@gmail.com

If the current property owner is not the permit holder of record, it is recommended that an assignment be filed with the Department. ***Each permit holder of record must sign this form.***

3. Permit holder of record (this may, or may not, be the current property owner):

PERMIT HOLDER OF RECORD Milan Skoro		
ADDRESS 13056 SE 222 DR		
CITY Damascus	STATE OR	ZIP 97089

ADDITIONAL PERMIT HOLDER OF RECORD N/A		Received
ADDRESS N/A		JUL 21 2025
CITY N/A	STATE N/A	ZIP N/A

4. Date of Site Inspection:

08/02/2024

5. Person(s) interviewed and description of their association with the project:

NAME	DATE	ASSOCIATION WITH THE PROJECT
Milan Skoro	8/2/2024	Permit holder of record
Ante Skoro	8/2/2024	Co-owner

6. County:

Sherman

7. If any property described in the place of use of the permit is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):

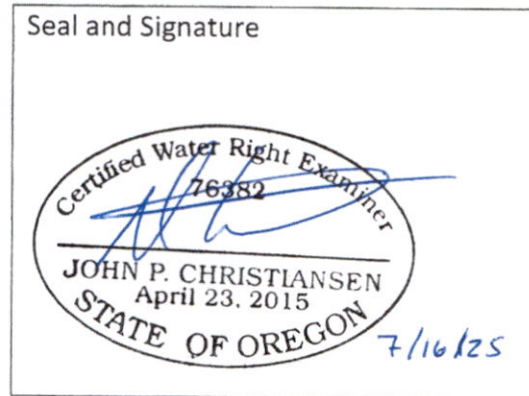
OWNER OF RECORD N/A		
ADDRESS N/A		
CITY N/A	STATE N/A	ZIP N/A

Add additional tables for owners of record as needed

SECTION 2 SIGNATURES

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.



CWRE NAME John Christiansen, PE, CWRE		PHONE NO. 503-563-6151	ADDITIONAL CONTACT NO. N/A
ADDRESS 12965 SW Herman Road, Suite 100			
CITY Tualatin	STATE OR	ZIP 97062	E-MAIL johnc@aks-eng.com

Permit Holder of Record Signature or Acknowledgement

Each permit holder of record must sign this form in the space provided below.

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Milan Skoro	Owner	6/12/25
	Received		
	JUL 21 2025	Received	
	OWRD	JUL 21 2025	
		OWRD	

SECTION 3

CLAIM DESCRIPTION

1. Point of appropriation name or number:

POINT OF APPROPRIATION (POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
Well 1 (SHER 50278)	L-85690	N/A

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, or deepenings)

2. Point of appropriation source, if indicated on permit:

POA NAME OR NUMBER	SOURCE BASIN LOCATED WITHIN	TRIBUTARY
Well 1 (SHER 50278)	Buck Hollow Basin	N/A

3. Developed use(s), period of use, and rate for each use:

POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
Well 1 (SHER 50278)	Pond Maintenance and multiple purpose use	N/A	2020	32.06 AF (max.)
See attached Water Use Report for additional water use years			2013 to 2023	
Total Quantity of Water Used				32.06 AF (2020 water year)

4. Provide a general narrative description of the distribution works. This description must trace the water system from **each** point of appropriation to the place of use:

Skoro Reservoir #1 was constructed in the spring of 2010 and consists of a 24' tall earthen dam and is supplied and maintained by Well 1 (SHER 50278). The well is used for Pond Maintenance and the 26.6 Acre-Foot Reservoir is used for Multipurpose Use. Excess water is diverted through a 6" PVC Siphon Pipe. Water is conveyed from the well to the pond through an underground 4" PVC pipe that outfalls into a rock lined outfall ±1-ft above normal pool elevation (2092.0).

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

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JUL 21 2025
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5. Variations:

Was the use developed differently from what was authorized by the permit, permit amendment final order, or extension final order? If yes, describe below.

YES**NO**

(e.g. "The permit allowed three points of appropriation. The water user only developed one of the points." or "The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres.")

N/A**6. Claim Summary:**

POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Well 1 (SHER 50278)	0.22 CFS	0.334 CFS		Pond Maintenance	4.0	3.82

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JUL 21 2025
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JUL 21
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SECTION 4

SYSTEM DESCRIPTION

Are there multiple POAs?

YES ☒ NO

If "YES" you will need to copy and complete a separate Section 4 for each POA.

POA Name or Number this section describes (only needed if there is more than one):

N/A

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JUL 21 2025
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JUL 21 2025
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A. Place of Use

1. Is the right for municipal use?

YES ☒ NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Acres Irrigated									N/A

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLOT), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLOT, and QQ.

B. Groundwater Source Information (Well)

1. Is the appropriation from a well?

☒ YES ☐ NO

If "NO", items 2 through 4 relating to this section may be deleted.

2. Describe the access port (type and location) or other means to measure the water level in the well:

Airline.

3. If well logs are not available, provide as much of the following information as possible:

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
8"	18'	170'	03/28/2008	N/A	Milan Skoro	

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

N/A

C. Groundwater Source Information (Sump)

1. Is the appropriation from a dug well (sump)?

YES ☒ NO

If "NO", items 2 through 4 relating to this section may be deleted.

Reminder: Construction standards for sumps can be found in OAR 690-210-0400.

2. If the appropriation involves a SUMP, provide the following information for each SUMP:

LENGTH	WIDTH	AVERAGE DIAMETER	MAXIMUM DEPTH	SURFACE AREA (IN ACRES)	VOLUME IN CUBIC FEET OR ACRE FEET
N/A	N/A	N/A	N/A	N/A	N/A

3. If the sump is curbed constructed with watertight surface curbing, describe the curbing:

CURBING MATERIAL (CONCRETE, CONCRETE TILES, OR STEEL)	IF CONCRETE, PROVIDE THE THICKNESS OF THE WALL
N/A	N/A
N/A	N/A

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4. Provide sump volume calculations:

N/A

JUL 21 2025

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D. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of appropriation to the place of use.

1. Is a pump used?

YES NO

If "NO" items 2 through item 6 may be deleted.

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Goulds Pump	SRWAHC	5STG	SUBMERSIBLE	4"	4"

3. Motor Information:

MANUFACTURER	HORSEPOWER
Frankline	10

4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *If a well, the water level DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
10	22	153	2'	0.334

5. Provide pump calculations:

Pump Capacity: (Horsepower)(pump efficiency)/(total head in feet) = Q (cfs) Efficiency for Submersible Pump = 7.04 Ft⁴/sec/Hp Q=(10)*(7.04)/(155+(22x2.54*)) = 0.334 *Minor Frictional losses accounted for by the 2.54 ft/psi conversion factor.
--

6. Measured Pump Capacity (using meter if meter was present and system was operating):

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
SEE PUMP TEST	SEE PUMP TEST	SEE PUMP TEST	SEE PUMP TEST

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped?

YES NO

If "NO" items 8 through item 13 may be deleted.

8. Mainline Information:

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
4"	~385 feet	PVC	Buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
N/A	N/A	N/A	N/A

10. Sprinkler Information:

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
N/A	N/A	N/A	N/A	N/A	N/A

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Drip Emitter Information:

SIZE	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (CFS)
N/A	N/A	N/A	N/A	N/A	N/A

12. Drip Tape Information:

DRIPPER SPACING IN INCHES	GPM PER 100 FEET	TOTAL LENGTH OF TAPE	MAXIMUM LENGTH OF TAPE USED	TOTAL TAPE OUTPUT (CFS)	ADDITIONAL INFORMATION
N/A	N/A	N/A	N/A	N/A	N/A

13. Pivot Information:

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
N/A	N/A	N/A	N/A	N/A

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JUL 21 2025
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E. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)?

YES NO

If "NO", item 2 and 3 relating to this section may be deleted.

If "YES" is it a:

Storage Tank

Bulge in System / Reservoir

YES NO

YES NO

Complete appropriate table(s), unused table may be deleted.

2. Storage Tank:

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
N/A	N/A	N/A

3. Bulge in System / Reservoir:

RESERVOIR NAME OR NUMBER (CORRESPOND TO MAP)	APPROXIMATE DAM HEIGHT	APPROXIMATE CAPACITY (IN ACRE FEET)
SKORO RESERVOIR 1	24'	26.6

F. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

YES NO

If "NO", items 2 through 4 relating to this section may be deleted.

2. Complete the table:

PIPE SIZE	PIPE TYPE	"C" FACTOR	AMOUNT OF FALL	LENGTH OF PIPE	SLOPE	COMPUTED RATE OF WATER FLOW (IN CFS)
N/A	N/A	N/A	N/A	N/A	N/A	N/A

3. Provide calculations:

N/A

4. If an actual measurement was taken, provide the following:

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)
N/A	N/A	N/A	N/A

Attach measurement notes.

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JUL 21 2025
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G. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

YES

NO

If "NO", items 2 through 4 relating to this section may be deleted.

2. Complete the table:

CANAL OR DITCH TYPE (MATERIAL)	TOP WIDTH OF CANAL OR DITCH	BOTTOM WIDTH OF CANAL OR DITCH	DEPTH	"N" FACTOR	AMOUNT OF FALL	LENGTH OF CANAL / DITCH	SLOPE	COMPUTED RATE (IN CFS)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

3. Provide calculations:

N/A

4. If an actual measurement was taken, provide the following:

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)
N/A	N/A	N/A	N/A

Attach measurement notes.

H. Additional notes or comments related to the system:

N/A

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JUL 21 2025

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SECTION 5 CONDITIONS

All conditions contained in the permit, permit amendment, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits and extension final orders contain any or all of the following dates: the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use was to be completed. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or permit extension order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	05/20/2010		
BEGIN CONSTRUCTION (A)	N/A		Existing well was constructed 3/26/08
COMPLETE CONSTRUCTION (B)	N/A	08/23/2010	Completion of Storage Reservoir
COMPLETE APPLICATION OF WATER (C)	05/20/2015	08/23/2010	As-built drawings completed and system operating as intended with water storage, totalizing flow meter and reservoir staff gage

* MUST BE WITHIN PERIOD BETWEEN PERMIT, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETELY APPLY WATER

2. Is there an extension final order(s)?

YES **NO**

If "NO", items a and b relating to this section may be deleted.

~~a. Did the Extension Final Order require the submittal of Progress Reports?~~

~~YES NO~~

~~If "NO", item b relating to this section may be deleted.~~

~~b. Were the Progress Reports submitted?~~

~~YES NO~~

~~If the reports have not been submitted, attach a copy of the reports if available.~~

3. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement?

YES NO

If "NO", items b through d relating to this section may be deleted.

b. What month was the initial measurement to be taken in?

MARCH

c. Was the measurement submitted to the Department?

YES NO

d. If the initial measurement was not submitted, provide that measurement now, if available:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
N/A	N/A	N/A	N/A

4. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements? ☒ YES ☐ NO

If "NO", items b through e relating to this section may be deleted.

b. Provide the month, or months, the static water level measurement(s) were to be made:

February/April/May

c. Were the static water level measurements taken in the month(s) required? ☒ YES ☐ NO

d. If "YES", were those measurements submitted to the Department? ☒ YES ☐ NO

e. If the annual measurements were not submitted, provide the measurements now:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
N/A	N/A	N/A	N/A

5. Pump Test:

a. Did the permit require the submittal of a pump test? ☒ YES ☐ NO

Ground water permits with priority dates on or after **December 20, 1988**, require the submittal of a pump test prior to issuance of a certificate. In some cases, the permit holder may qualify for a multiple well exemption or an unreasonable burden exemption.

For additional information regarding pump tests see:

<https://www.oregon.gov/OWRD/programs/GWWL/GW/Pages/PumpTestProgram.aspx>

If "NO", items b through e relating to this section may be deleted.

b. Has the pump test been previously submitted to the Department? ☒ YES ☐ NO

c. Is the pump test attached to this claim? ☒ YES ☐ NO

d. Has the pump test been approved by the Department? YES ☒ NO

e. Has a pump test exemption been approved by the Department? YES ☒ NO

**** Claims will not be reviewed until a pump test or exemption has been approved by the Department**

6. Measurement Conditions:

a. Does the permit, permit amendment, or any extension final order require the installation of a meter or approved measuring device? ☒ YES ☐ NO

If "NO", items b through f relating to this section may be deleted.

Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion or appropriation.

b. Has a meter been installed?

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JUL 21 2025

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☒ YES ☐ NO

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Well 1 (SHER 50278)	Master Meter	6863415	Working	62877.8	2009

If a meter has been installed, items d through f relating to this section may be deleted.

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department? **N/A YES NO**

e. If "YES", provide a copy of the letter approving the device, if available. If the letter is not available provide the name and title of the Water Resources Department employee approving the measuring device, and the approximate date of the approval:

NAME	TITLE	APPROXIMATE DATE
N/A	N/A	N/A

f. Measurement Device Description

DEVICE DESCRIPTION	CONDITION (WORKING OR NOT)	DATE INSTALLED
N/A	N/A	N/A

7. Recording and reporting conditions:

a. Is the water user required to report the water use to the Department? **YES NO**

If "NO", item b relating to this section may be deleted.

b. Have the reports been submitted? **YES NO**

If the reports have not been submitted, attach a copy of the reports if available.

8. Other conditions required by permit, permit amendment final order, or extension final order:

- a. Were there special well construction standards? **YES NO**
- b. Was submittal of a ground water monitoring plan required? **YES NO**
- c. Was submittal of a water management and conservation plan required? **YES NO**
- d. Was a Well Identification Number (Well ID tag) assigned and attached to the well? **YES NO**

WELL ID #	DATE ATTACHED TO WELL
85690	March 2008

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JUL 21 2025
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e. Other conditions? **YES NO**

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

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 state geological survey style porcelain enamel iron staff gage style A, C, E or I. Staff gage was installed August 2010.

SECTION 6

ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Attachment A	Claim of Beneficial Use Map, Skoro Reservoir Profile & Section
Attachment B	Permit G-16729
Attachment C	Well Log SHER 50278
Attachment D	Tax Map
Attachment E	Pump Test
Attachment F	Water Use Reporting
Attachment G	Milan Skoro Reservoir #1 As-builts

SECTION 7

CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

Publicly available GIS Data was used to map tax lots, roads, section lines, and water courses. Well and reservoir were mapped from as-built drawings.

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JUL 21 2025
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Map Checklist

Please be sure that the map you submit includes ALL the items listed below.

(Reminder: Incomplete maps and/or claims may be returned.)

- ☒ Map on polyester film
- ☒ Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- ☒ Township, Range, Section, Donation Land Claims, and Government Lots
- ☐ N/A If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- ☐ N/A Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- ☒ Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- ☒ Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- ☒ Point(s) of diversion or appropriation (illustrated and coordinates)
- ☒ Tax lot boundaries and numbers
- ☒ Source illustrated if surface water
- ☒ Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- ☒ Application and permit number or transfer number
- ☒ North arrow
- ☒ Legend
- ☒ CWRE stamp and signature

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JUL 21 2025
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Attachment A: Claim of Beneficial Use Map

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JUL 21 2025

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Attachment B: Permit G-16729

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JUL 21 2025

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STATE OF OREGON

COUNTY OF SHERMAN

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

MILAN SKORO
13056 SE 222 DR
DAMASCUS, OR 97089

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JUL 21 2025
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The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-17133

SOURCE OF WATER: WELL 1 (SHER 50278) IN BUCK HOLLOW BASIN

PURPOSE OR USE: POND MAINTENANCE AND STORAGE OF GROUND WATER TO
CONSTRUCT A RESERVOIR FOR MULTIPLE PURPOSE USE

MAXIMUM RATE: 0.22 CUBIC FOOT PER SECOND

MAXIMUM ANNUAL STORAGE VOLUME: 40.0 ACRE FEET

PERIOD OF USE: FEBRUARY 1 THROUGH APRIL 14

DATE OF PRIORITY: OCTOBER 29, 2008

WELL LOCATION: NE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 15, T4S, R15E, W.M.; 858 FEET
SOUTH AND 1082 FEET WEST FROM E1/4 CORNER, SECTION
15

DAM LOCATION: NW $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 15, T4S, R15E, W.M.; 986 FEET
SOUTH AND 1670 FEET WEST FROM E1/4 CORNER, SECTION
15

THE AREA SUBMERGED BY A RESERVOIR, WHEN FULL, WILL BE 4.0 ACRES AND THE
MAXIMUM HEIGHT OF THE DAM SHALL NOT EXCEED 25.0 FEET.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE $\frac{1}{4}$ SE $\frac{1}{4}$
NW $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 15
TOWNSHIP 4 SOUTH, RANGE 15 EAST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter or other suitable measuring device as approved by the Director at each point of appropriation.

- B. 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.
- C. The permittee shall maintain all required devices in good working order.
- D. The permittee shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water-use information, including the place and nature of use of water under the permit.
- E. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where any meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- F. The Director may require the user to measure inflow and outflow, above and below the reservoir respectively, to ensure that surface-water flow is not impeded. Measurement devices and their implementation must be acceptable to the Director.
- G. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

Limited Water Level Decline/Interference Condition

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to obtain, from a qualified individual (see below), and report annual static water level measurements. The static water level shall be measured once between April 15 to May 15. Reports shall be submitted to the Department within 30 days of measurement.

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JUL 21 2025

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PAGE 3

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to report an initial water level measurement in the period specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall report seven consecutive annual static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require the user to obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- A. Identify each well with its associated measurement; and
- B. Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- C. Specify the method used to obtain each well measurement; and
- D. Certify the accuracy of all measurements and calculations reported to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if any of the following events occur:

- A. Annual water level measurements reveal an average water level decline of three or more feet per year for five consecutive years; or
- B. Annual water level measurements reveal a water level decline of 15 or more feet in fewer than five consecutive years; or
- C. Annual water level measurements reveal a water level decline of 25 or more feet; or
- D. Hydraulic interference leads to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non-use or restricted use shall continue until the water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the

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JUL 21 2025

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PAGE 4

Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

The well(s) shall only produce ground water from the basalt ground water reservoir.

The storage of water allowed herein is subject to the installation and maintenance of an outlet pipe (with a minimum diameter of 8" for any in-channel reservoir). This requirement may be waived if the Department determines other means have been provided to evacuate water when necessary.

The reservoir is to be filled with ground water only, and shall be constructed in such a way as to not allow the storage of any surface water runoff, unless an authorization to use surface water exists for that amount. The permittee is required to pass all surface water for which a storage right does not exist.

This permit does not provide for the appropriation of water for out-of-reservoir uses. If any water is used for out-of-reservoir purposes, or any live flow is appropriated to maintain either the water level or a suitable freshwater condition, a secondary water right is required.

The permittee shall not construct, operate or maintain any dam or artificial obstruction to fish passage in the channel of the subject stream without providing a fishway to ensure adequate upstream and downstream passage for fish, unless the permittee has requested and been granted a fish passage waiver by the Oregon Fish and Wildlife Commission. The permittee is hereby directed to contact an Oregon Department of Fish and Wildlife Fish Passage Coordinator, before beginning construction of any in-channel obstruction.

Notwithstanding that Oregon Department of Fish and Wildlife 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/or by-pass devices to prevent fish from entering the proposed diversion, and to provide adequate upstream and downstream passage for fish.

JUL 21 2025

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PAGE 5

STANDARD RESERVOIR CONDITIONS

All construction shall be performed under the supervision of a registered professional engineer licensed in Oregon.

No embankment fill shall be placed until preparation of the foundation and the excavation of the core trench has been completed and examined in entirety by the engineer of record, or by the Water Resources Dam Safety Engineer, or both.

The constructed works shall conform to the approved plans and specifications on file with the Water Resources Dam Safety program. The engineer of record shall notify the Water Resources Dam Safety program before making any significant change to the approved design prior to or during construction.

No water shall be stored until the Water Resources Department receives written certification from the engineer of record that construction has been completed in accordance with the approved plans and specifications. If final construction deviates from the approved design a set reproducible as-constructed drawings, including a revised reservoir capacity graph or table, must accompany the engineer's letter of completion.

Routine maintenance or repair of the dam, its spillway and all appurtenant structures shall be performed to include, but not limited to, the removal of woody vegetation or debris, prompt restoration of areas of erosion or to replace defective equipment necessary for the continued safe operation of the project works.

Except for routine repair and maintenance, design plans and specifications must be prepared by an Oregon Licensed professional engineer and approved by the Water Resources Dam Safety program prior to any enlargement, modification, or alteration of the dam, its spillway or any appurtenant structure.

STANDARD CONDITIONS

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate

the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

The well(s) shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

If the riparian area is disturbed in the process of developing a point of appropriation, 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 downstream waters decreases to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

Completion of construction and application of the water shall be made within five years of the date of permit issuance. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.

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Within one year after making beneficial use of water, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

Issued *MAY 20 2010*

E. Timothy Way.

for Phillip C. Ward, Director
Water Resources Department

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Attachment C: Well Log SHER 50278

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REC'D OCT 01 2008

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D. #1 85690START CARD # 188924

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER

Well Number _____

Name MILAN + LUV SKOROAddress 13056 S-E 222 ND DRCity Damascus State OR Zip 97089

(2) TYPE OF WORK

☒ New Well☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment ☐ Conversion

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud☐ Other _____

(4) PROPOSED USE

☒ Domestic ☐ Community ☐ Industrial ☐ Irrigation☐ Thermal ☐ Injection ☐ Livestock ☐ Other _____

(5) BORE HOLE CONSTRUCTION

Special Construction: ☐ Yes ☒ NoDepth of Completed Well 170 ft.Explosives used: ☐ Yes ☒ No Type _____ Amount _____

BORE HOLE

SEAL

Diameter	From	To	Material	From	To	Sacks of Pounds
12	0	18	BENTONITE	0	18	12
8	18	170				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E☐ Other RODPO

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER

Casing:	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
	8	12	18	.250	☒	☐	☐	☐
Liner:					☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☒ None

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS

☐ Perforations

Method _____

☐ Screens

Type _____

Material _____

From	To	Slot Size	Number	Diameter	Tel./pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour

☐ Pump☐ Bailer☒ Air☐ Flowing ArtesianYield gal/min 100Drawdown 100 toDrill stem at 169Time 1 hrTemperature of water 55 Depth Artesian Flow Found _____Was a water analysis done? ☐ Yes By whom _____Did any strata contain water not suitable for intended use? ☐ Too little☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL (legal description)

County ShermanTax Lot 3200

Lot _____

Township 4SN or S Range 15E

E or W WM _____

Section 15

1/4

NW

1/4

Lat _____ " or _____ (degrees or decimal)

Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) 59452 BUCKLEY RD.
GRASS VALLEY, OR 97029-3012

(10) STATIC WATER LEVEL

80 ft. below land surface.Date 3-28-08

_____ ft. below land surface.

Date _____

Artesian pressure _____ lb. per square inch

Date _____

(11) WATER BEARING ZONES

Depth at which water was first found 153

From	To	Estimated Flow Rate	SWL
153	168	100 gpm	80

(12) WELL LOG

Ground Elevation _____

Material	From	To	SWL
SOIL + BOULDER	0	9	
GREY BROWN BASALT	9	64	
RED BASALT	62	77	
GREY BASALT	77	127	
GREY BROWN BASALT	127	141	
GREY BASALT	141	153	
GREY, BROWN, RED, BLACK Rock, Tan + Reddish Clay (WB)	153	168	80
GREY BASALT	168	170	

Date Started 3-26-08 Completed 3-28-08

(unbonded) Water Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number _____ Date _____

Signed _____

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1282 Date 4-5-08Signed Jo White

RECEIVED

ORIGINAL - WATER RESOURCES DEPARTMENT

FIRST COPY - CONSTRUCTOR

SECOND COPY - CUSTOMER 06/16/2004

OCT 06 2008

WATER RESOURCES DEPT
SALEM, OREGON

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Attachment D: Tax Map

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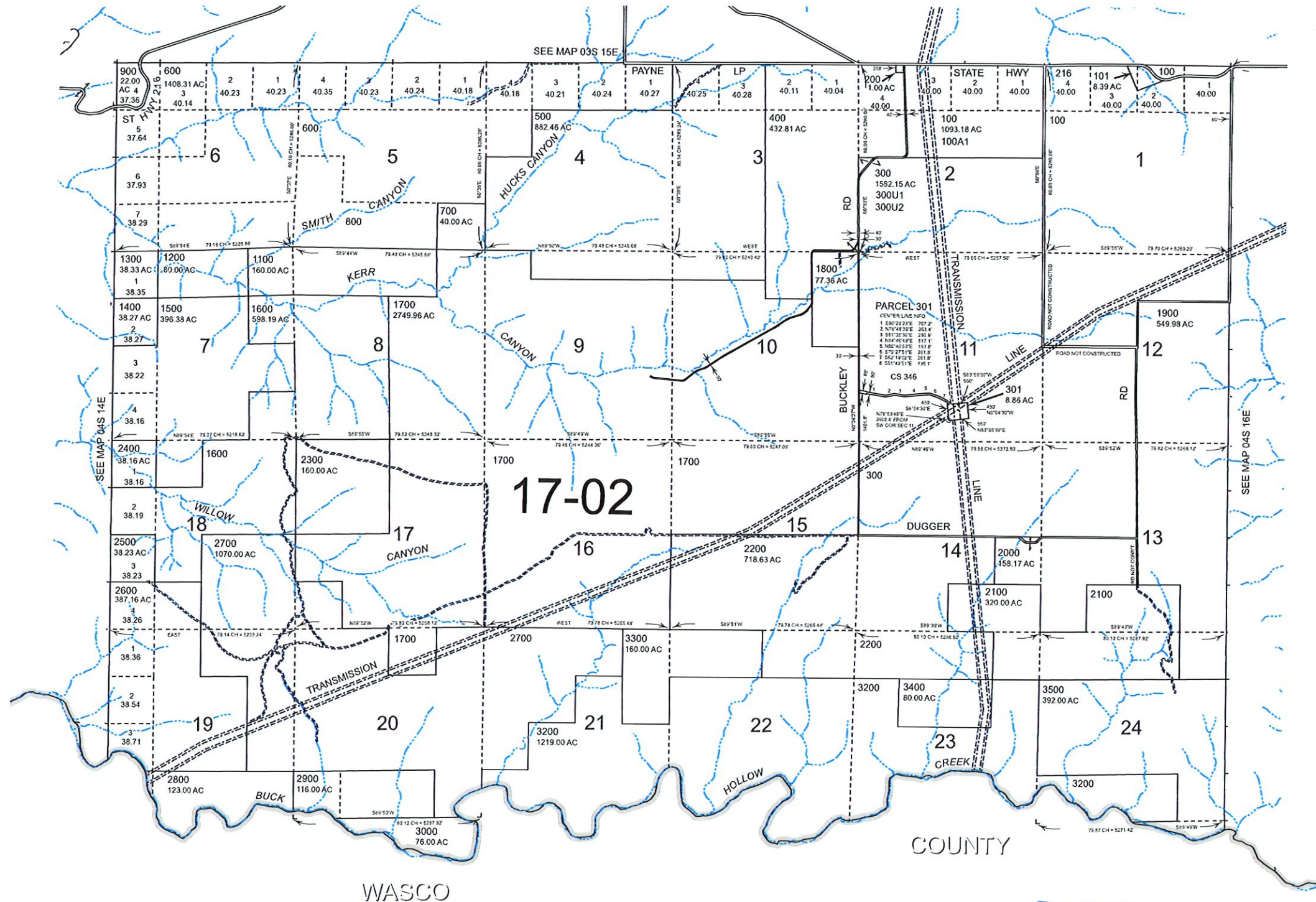
THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSE ONLY

0 1,000 2,000 3,000 4,000 Feet

T.4S. R.15E. W.M.
SHERMAN COUNTY
1" = 2000'

04S15E

Cancelled
1100
1400
1300
700
1500
600U1
600U2
800
800U1
800U2
1000
1000U1
1000U2
3100



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Revised: SH
06/29/2018

04S15E

Attachment E: Pump Test

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PUMP TEST FORM
COVER SHEET

Owner Information:

OWNER NAME/BUSINESS NAME: Skoro Ranch		PHONE NO.: 503-740-7304	ADDITIONAL CONTACT NO.:
ADDRESS: 11390 SE 222nd Dr			
CITY: Damascus	STATE: OR	ZIP: 97089	E-MAIL: mskoro@gmail.com

Pump Test Conducted By (If Different From Owner):

TEST CONDUCTED BY NAME: JIM TIBBETS	QUALIFICATION: (SELECT) WWC	LICENSE #: 1782
COMPANY: TIBBETS WELL DRILLING	PHONE NO.: 541-980-3986	ADDITIONAL CONTACT NO.:
ADDRESS: 81858 WINSLOW RD		
CITY: DUFUR	STATE: OR	ZIP: 97021
E-MAIL: JIMTIBBETS3986@gmail.com		

Tested Well Information (please attach well log(s) if available):

WELL LOG # (EX: MARI 99999)	WELL TAG # (EX: L-999999)	WELL NAME OR #	WELL DEPTH	ORIGINAL OWNER	DATE DRILLED	TEST DATE
	L85690	SHR50278	170	MILANSKAP	03/08/2008	6-6-25

(CONTINUED)

TWP (EX: 25S)	RNG (EX: 31E)	SEC (EX: 12)	QQ (EX: SE/SW)	SURVEYED LOCATION (EX: 100 ft N & 735 ft E fr SE cor, sec 5)	LATITUDE (EX: 44.94473859)	LONGITUDE (EX: -123.02787000)
4S	15E	15	NE/SE			

List all water rights for which you are submitting this test. Please indicate if the tested well is listed as an authorized source of water on each water right. If not, you may also need to fill out a multiple well exemption (MWE) request form.

APPLICATION	PERMIT	TRANSFER	CERTIFICATE	IS THE TESTED WELL AN AUTHORIZED POA ON THIS RIGHT?
G- 17133	G- 16729	T- N/A		☐ Yes ☒ No (Need MWE Form)
G-	G-	T-		☐ Yes ☒ No (Need MWE Form)
G-	G-	T-		☐ Yes ☒ No (Need MWE Form)

Nearby Wells and Streams: Please check yes or no. Do not leave blank.

☐ Are there any wells, other than domestic or stock wells, within 1000 feet of the tested well?
If yes, identify the well by OWRD log number or attach a copy of the well log. Note the approximate distance to each well from the tested well and the approximate pumping rate of each.
If possible, indicate if they were turned on or off during the test or within 24 hours prior to the test (Indicate Not Pumped, if applicable).

WELL LOG # (EX: MARI 99999)	BEARING & DISTANCE FROM PUMPED WELL (FT)	DATE & TIME PUMP ON	DATE & TIME PUMP OFF	PUMPING RATE (GPM)

☐ Is there a lake, stream or other surface water body within 1/4 mile of the tested well?
If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head.
Well elevation is above the surface water body. Approximate distance: 385 ft.
Approximate elevation difference: 12 ft.

☐ Was the test conducted during normal use of the well?
Please indicate where pumped water was discharged: INTO POND
How far from the pumped well was water discharged? 385 ft.

Additional forms can be found at: <https://www.oregon.gov/owrd/Forms/Pages/default.aspx>.

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PUMP TEST FORM
COVER SHEET

Water-Level Measurement Method: AIRLINE

Length of air line (if used): 153

*Verify here:

{ Airline: 22 psi 50.6 feet.
E-Tape: _____ feet.

*Airline measurements must be verified by an E-Tape measurement

Pressure transducer (if used):

Manufacturer: POWERS Serial #: NA

Date Last Calibrated: _____ Units: _____

Pump Type: SUBMERSIBLE

HP: 10 Pump set at: 153 feet.

Pump idle time: 4 months

Discharge Measurement Method: _____

Flowmeter (if used):

Manufacturer: IMPRECATOR Serial #: 686215

Date Last Calibrated: _____ Units: _____

Note: Well must be idle for at least 16 hours prior to the test. Additional forms can be obtained from our web site at:
<https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

Measuring Point (MP): Measuring point distance above land surface 2 feet.

Description (e.g., top port of 1 inch port pipe, west side) AIR LINE

CHECK WITH POWERS WELL SOUNDING

Time pump turned on: Date 6-6-25 Time 0950

Time pump turned off: Date 6-6-25 Time 1350

Total pumping time: 4 hours 0 minutes.

Remember, your pump test may not be approved unless it meets the following criteria*:

- ☒ The discharge rate was held constant for the entire pumping phase.
- ☒ The pump was on during the entire pumping phase (≥ 4 hours).
- ☒ The discharge was measured at the start of pumping and at least once every hour during the test.
- ☒ Water levels were measured to an accuracy of 0.1 feet or 0.5 percent.
- ☒ Pre-test static water levels were measured at least three times in the hour before pumping began at no less than 20 minutes apart.
- ☒ Water levels were measured at the specified intervals during the pumping phase of the test for at least four hours (≤ 2 min for the first 10 minutes, ≤ 5 min for 10 – 30 minutes, and ≤ 15 min for the remainder of the test)
- ☒ Water levels were measured at the specified intervals (see above) during the recovery phase of the test for four hours or until 90 percent of the maximum drawdown has recovered.
- ☒ If using an airline, measurements were calibrated with an E-Tape and the depth to water was ≥ 300 feet.
- ☒ The pump test cover sheet was completely filled out and signed.
- ☒ The pumping rate was as close as reasonably possible to the (anticipated) pumping rate during normal use of the well.
- ☒ The well was idle for at least 16 hours prior to the test.
- ☒ The pump test was completed by an acceptably qualified person (Oregon licensed water well constructors; Oregon registered professional geologists or certified engineering geologists; certified water rights examiners; Oregon registered professional engineers; and individuals whose primary occupation involves, wholly or in significant part, pump installation, service, or testing).

*This checklist is intended for information purposes only and does not guarantee a pump test approval. The Department reserves all authority pertaining to the implementation of the rules under OAR 690-217.

Pump tests are intended to provide aquifer and well information for ground water resource characterization and to help solve well problems (OAR 690-217-0015(9)).

Pump test requirements for OAR 690-217 can be found online at:

https://secure.sos.state.or.us/oard/displayDivisionRules.action;JSESSIONID_OARD=1BdwLynsYAPNSQW330ZJSFZuMscp4Hfil-1ftsDAAEsMC2_ROSst-277278532?selectedDivision=3186.

Submit forms to:

Attn: Certificates Section, Oregon Water Resources Department
725 Summer St NE Suite A, Salem, OR 97301

Forms may additionally be sent to WRD_DL_pumptestsupport@oregon.gov

I hereby certify that this test has been conducted in accordance with OAR 690-217:

OPERATOR SIGNATURE: [Signature] DATE: 6-7-25

OWNER SIGNATURE: [Signature] DATE: 6-9-25

Additional forms can be found at: <https://www.oregon.gov/owrd/Forms/Pages/default.aspx>.

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PUMP TEST FORM
DATA SHEET

Page 1 of 2

WELL LOG # (EX: MARI 99999)	WELL TAG # (EX: L-999999)	WELL NAME OR #	WELL DEPTH	ORIGINAL OWNER	DATE DRILLED	TEST DATE
	L-85490	SHER 50278	170		3-28-08	6-6-25

Date	Time	Time Since Pumping Started (min)	Depth to Water Below MP	Discharge Rate (gpm, cfs, _____)	Phase (Pre- Test, Pumping, Recovery)	Airline or Shut-in Pressure (psi)	Flowmeter Reading (if available)	Comments
6-6-25	0850		50.82	0	Pre-test	22		
	0910		50.82	0	Pre-test	22		
	0930		50.82	0	Pre-test	22		
	0950	0950	50.82	148 GPM		22	148 GPM	
	0952		53.13	148		19	148	
	0954		55.44	148		18	148	
	0956		55.44	148		18	148	
	0958		55.44	146		18	146	
	1000		55.44	146		18	146	
	1005		57.75	146		17	146	
	1010		57.75	146		17	146	
	1015		57.75	146		17	146	
	1020		57.75	146		17	146	
	1035		60.06	146		16	148	
	1050			146		16	146	
	1105			146		16	146	
	1120			146		16	146	
	1135			146		16	146	
	1150			146		16	146	
	1205			146		16	146	
	1220			146		16	146	
	1235			146		16	146	
	1250			146		16	146	
	1305			146		16	146	
	1320			146		16	146	
	1335			146		16	146	
	1350	1350	60.06	146		16	146	
	1352	2		0	18	18	0	
	1354	4		0		19	0	
	1356	6		0		19.5	0	
	1358	8		0		19.5	0	
	1400	10		0		20	0	
	1405	15		0		20	0	
	1410	25		0		20	0	
	1415	40		0		20.5	0	
	1420	60		0		20.5	0	
	1435	75		0		21	0	
	1450	90		0		21.5	0	
	1505	105		0		22	0	



JUL 21 2025

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Page 2 of 2

WELL LOG # (EX: MARI 99999)	WELL TAG # (EX: L-999999)	WELL NAME OR #	WELL DEPTH	ORIGINAL OWNER	DATE DRILLED	TEST DATE
	L-					

[illegible]

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Attachment F: Water Use Reporting

Water Use Report Based on Water Right



Permit: G 16729 *

SKORO, MILAN 13056 SE 222 DR DAMASCUS, OR 97089

Records per page: [View All](#)

Acre-feet (AF) of Water Used

Water Year*	Report ID	Facility	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total Water Used	Irrigated Acres
2023	64315	WELL 1 (SHER 50278/L-85690)					12.10	13.42	6.05						31.57	
2022	64315	WELL 1 (SHER 50278/L-85690)					12.12	13.43	6.08						31.62	
2021	64315	WELL 1 (SHER 50278/L-85690)					12.08	13.43	6.09						31.59	
2020	64315	WELL 1 (SHER 50278/L-85690)					12.55	13.43	6.09						32.06	
2019	64315	WELL 1 (SHER 50278/L-85690)					12.11	13.43	6.09						31.63	
2018	64315	WELL 1 (SHER 50278/L-85690)					11.98	13.43	6.06						31.46	
2017	64315	WELL 1 (SHER 50278/L-85690)					12.22	13.52	6.11						31.85	
2016	64315	WELL 1 (SHER 50278/L-85690)					12.56	13.43	6.06						32.05	
2015	64315	WELL 1 (SHER 50278/L-85690)	0.00	0.00	0.00	0.00	12.13	13.43	6.06	0.00	0.00	0.00	0.00	0.00	31.62	
2014	64315	WELL 1 (SHER 50278/L-85690)					12.05	13.43	6.06						31.54	
2013	64315	WELL 1 (SHER 50278/L-85690)	0.00	0.00	0.00	0.00	10.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.45	

*The water year is named for the calendar year in which it ends. Example: the 2018 water year begins Oct. 1, 2017 and ends Sep. 30, 2018.

- The Water Resources Department makes reasonable efforts to screen the data for quality control; however, the Department cannot accept responsibility for errors, omissions, or accuracy of the information. Notification of any errors is appreciated. Send notifications to owrd.waterusereporting@water.oregon.gov or call 971-345-7489.
- Water use is reported by point of diversion (POD), rather than by water right.
- If a POD is shared with multiple water rights, it is not feasible to separate out the amount used under the water right being queried from water used by other rights using this same POD.
- Monthly amounts indicate:
 - For diverted rights, the total amount diverted during the month;
 - For storage rights, the amount generally stored in the reservoir/pond during the month, as represented by the volume of water impounded on approximately the same day each month.
- Water use amounts have all been converted to "acre-feet" (AF), regardless of the original measurement unit reported. One AF is the volume of water that will cover an acre of ground one foot deep = 325,850 gallons.
- Zeroes indicate that a report was received stating that no water was used during those months; if a year is not listed, no report of water use was received for that year.

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Attachment G: Milan Skoro Reservoir #1 As-builts

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~~PROPOSED~~ **ASBUILT, AUGUST 2010**

SKORO RESERVOIR #1 RECONSTRUCTION

IN SECTION 15, TWP 4 SOUTH, RGE 15 EAST, W.M.

GRASS VALLEY, SHERMAN COUNTY, OREGON

MARCH 2010

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INDEX:

SHEET 1	COVER SHEET
SHEET 2	DAM PLAN AND PROFILE
SHEET 3	DAM SECTION AND SPILLWAY
SHEET 4	DAM DETAILS

CLIENT:

MILAN SKORO
13056 SE 222ND DR.
DAMASCUS, OR., 97089
CONTACT: MATE SKORO
PH. 503-740-7304
EMAIL: MSKORO@GMAIL.COM

ENGINEER:

TENNESON ENGINEERING CORP.
3313 WEST SECOND STREET, SUITE 100
THE DALLES, OR. 97058
PH. 541-296-9177
FAX 541-296-6657
DARRIN ECKMAN (Project Manager)

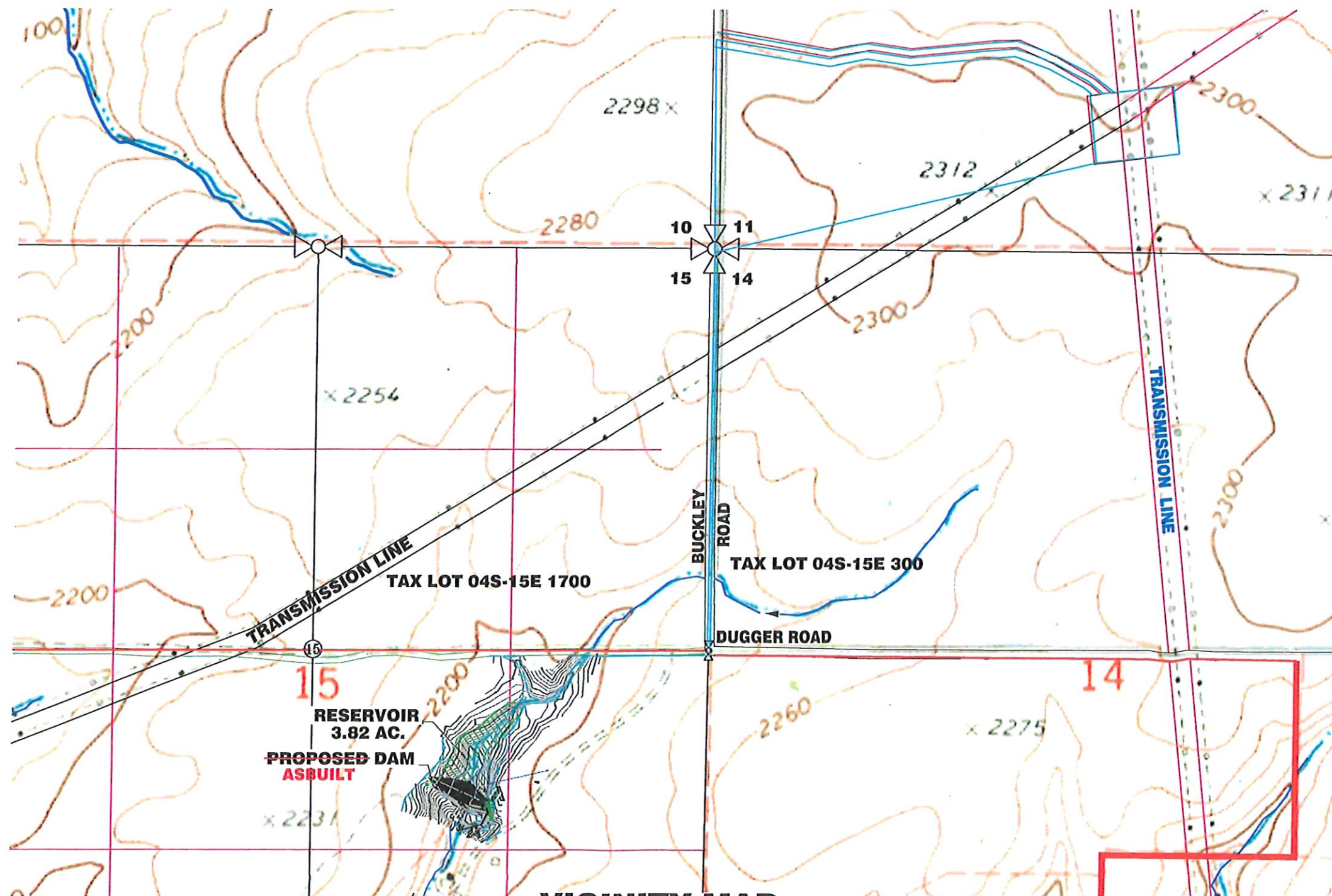
ASBUILT AUGUST, 2010

"THESE RECORD DRAWINGS HAVE BEEN COMPILED FROM THE CONSTRUCTION DESIGN DRAWINGS, SUBSEQUENT ADDENDA AND CHANGE ORDERS, CONTRACTOR RECORD DRAWINGS, SUBMITTALS AND OTHER RECORD DRAWINGS. TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THESE DRAWINGS ARE REPRESENTATIVE OF THE PROJECT AS CONSTRUCTED."

TENNESON ENGINEERING CORP.

NOTE:

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VICINITY MAP

SCALE: N.T.S.

NO.	DATE	BY	DESCRIPTION
2	8/25/10	EDM	ASBUILT
1	8/10/08	KCT	ADDENDUM NO. 1

Design	D.O.E.	Survey	T.E.C.
DWG. No.	K:\ACAD\13065\13065\13065 ASBUILT	Drawn	T.E.C.
Date	8/23/2010	Scale	AS NOTED
Work Order No.	13065		

COVER SHEET

FOR
MILAN SKORO
RESERVOIR #1
GRASS VALLEY, SHERMAN COUNTY, OREGON
Plot Date: 8/23/2010 8:33 AM

TENNESON ENGINEERING CORP.
CONSULTING ENGINEERS
3313 WEST SECOND STREET, SUITE 100
THE DALLES, OREGON 97058
PH 541-296-9177 FAX 541-296-6657

ASBUILT: AUGUST 2010

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TENNESON ENGINEERING CORP.

REGISTERED PROFESSIONAL
ENGINEER
DARRIN O. ECKMAN
JULY 13, 1999
RENEWAL DATE: 12/31/11

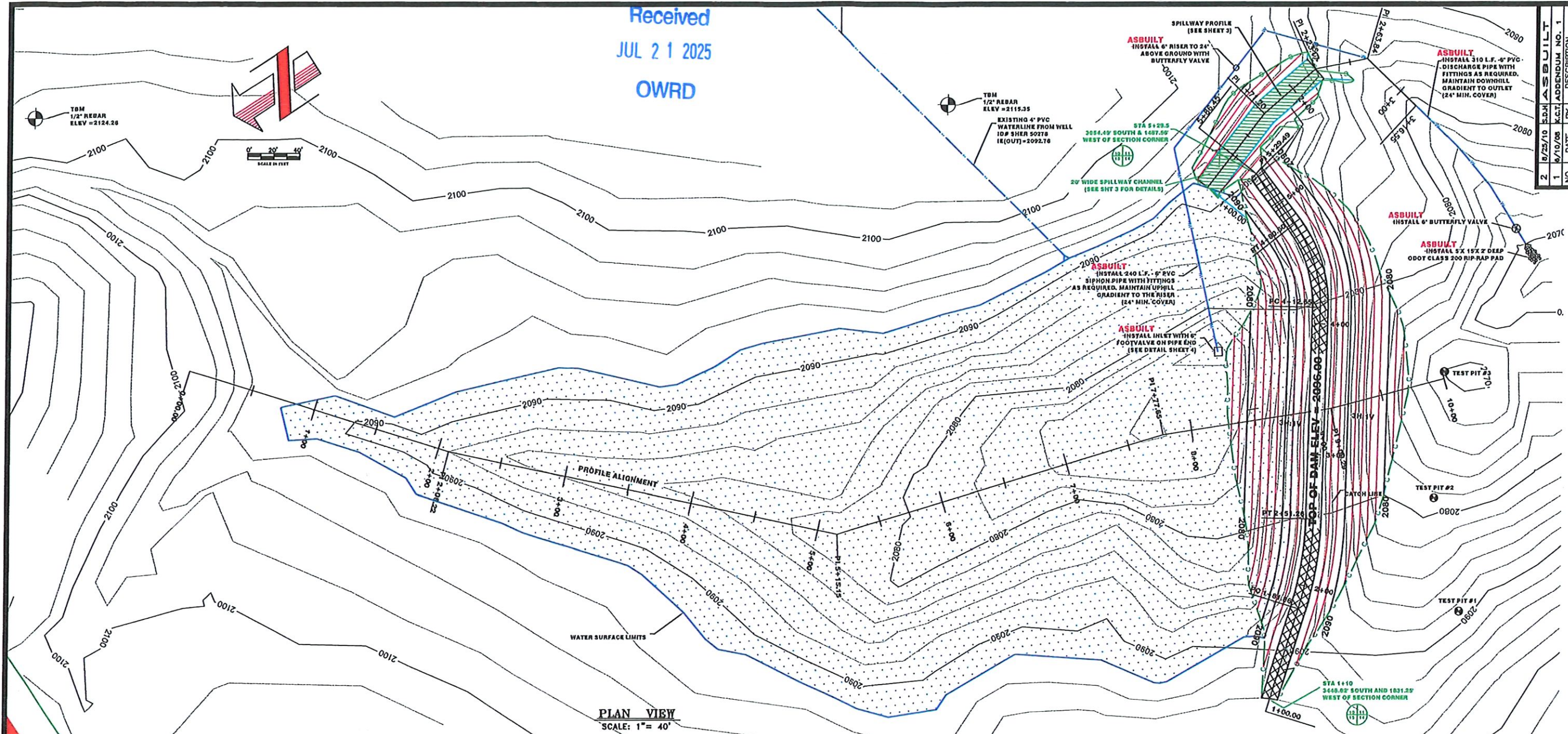
COVER SHEET

SHEET
1 4

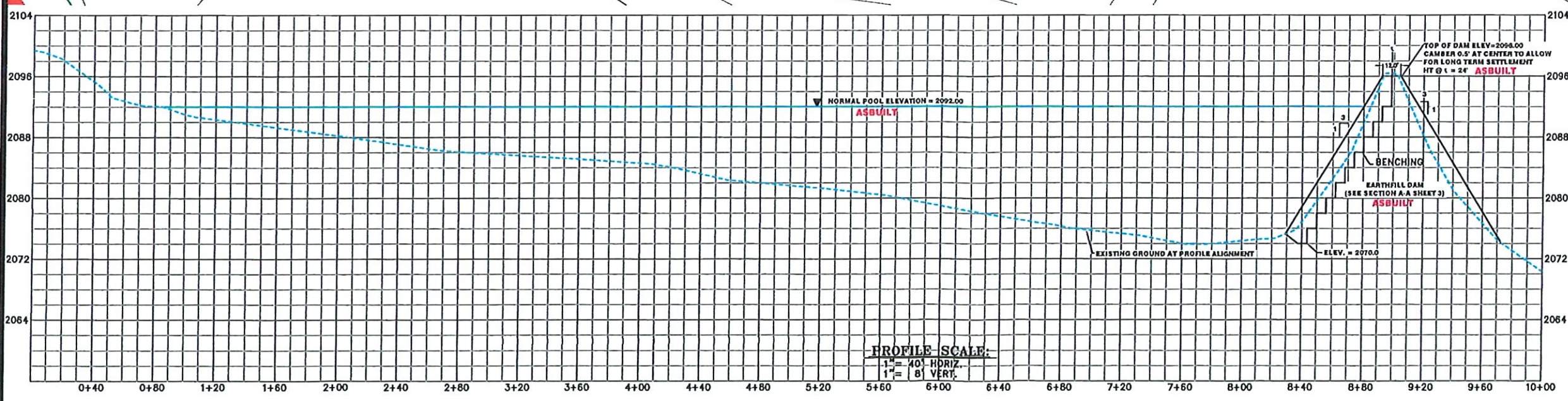
Work Order No.
13065

TEC OPERATOR: STEVE SAGE DATE 8/23/2010 2:37 PM
TEC FILE NAME: 13065 ASBUILT.DWG

Received
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PLAN VIEW
SCALE: 1" = 40'



PROFILE SCALE:
1" = 40' HORIZ.
1" = 8' VERT.

NOTES:

1. OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON NOTIFICATION CENTER IS 503-252-1987).
2. CONTRACTOR TO FIELD VERIFY INVERTS & UTILITY CROSSINGS. NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. ALL WORK TO CONFORM TO STANDARD CONSTRUCTION PRACTICES AND ATTACHED SPECIFICATIONS.
4. EARTHWORK VOLUMES TO FINISH, NEAT LINE GRADE (SOLID VOLUME, IN-PLACE)
UPSTREAM BENCHING = 2417 C.Y. (EXCAVATION)
UPSTREAM FACE = 3284 C.Y. (SELECT EMBANKMENT)
DOWNSTREAM FACE = 911 C.Y. (GENERAL EMBANKMENT)
SPILLWAY = 299 C.Y. (EXCAVATION)
RIP-RAP TO ELEV. 2090 = 887 C.Y.
5. WATER QUANTITIES (BASED ON POOL ELEVATION = 2092.00)
IMPOUNDMENT AREA: 3.62 AC.±
IMPOUNDMENT VOLUME: 28.6 AC.-FT.±
6. WATER RIGHT APPLICATION # 0-17133

ASBUILT AUGUST, 2010

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ASBUILT		ASBUILT		ASBUILT			
NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION
2	8/25/10	ASBUILT	ASBUILT	1	8/10/08	KCT	ADDENDUM NO. 1

Design		Survey		Drawn		Scale	
D.O.E.	No.	D.O.E.	No.	Date	Work Order No.	Scale	AS NOTED
				8/23/2010	13065		

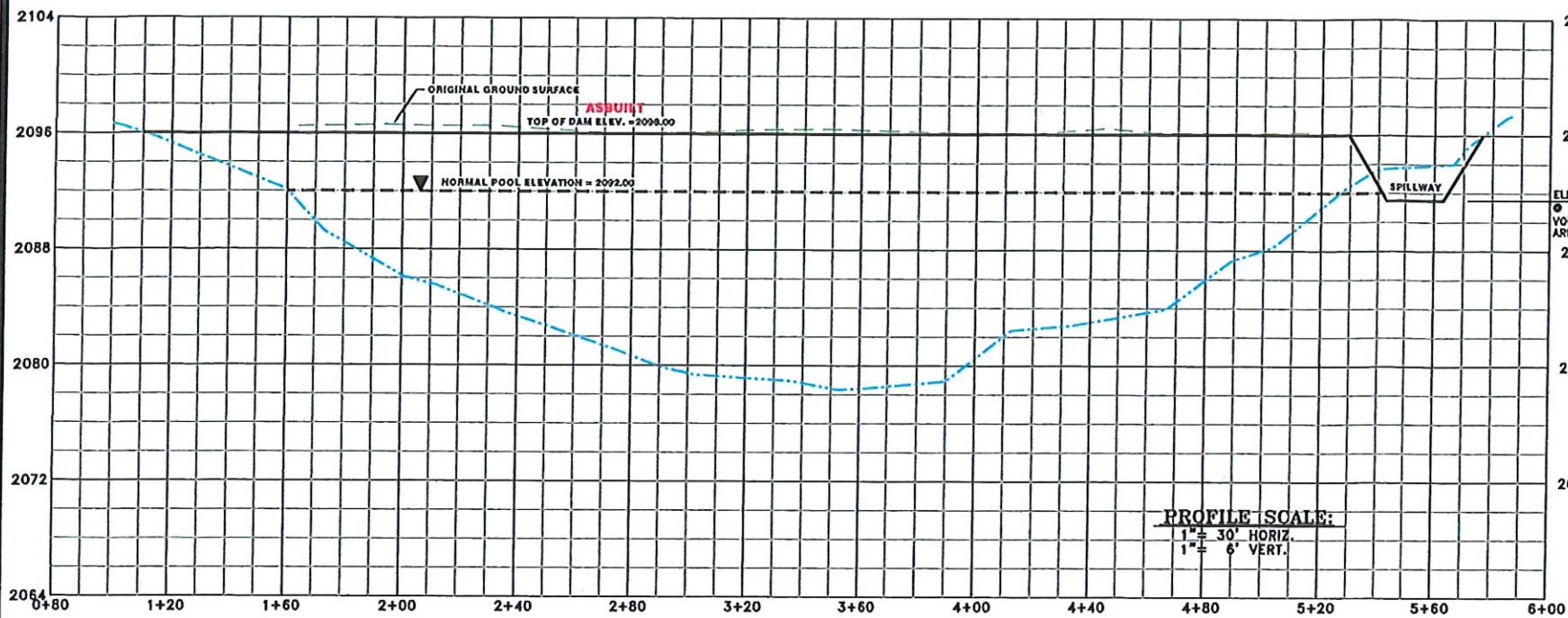
TENNESON ENGINEERING CORP.
CONSULTING ENGINEERS
3313 WEST SECOND STREET, SUITE 100
THE DALLES, OREGON 97058
PH 541-296-9177 FAX 541-296-6657

PLAN AND PROFILE
FOR
MILAN SKORO
RESERVOIR #1
GRASS VALLEY, SHERMAN COUNTY, OREGON
Plot Date: 8/23/2010 8:33 AM

REGISTERED PROFESSIONAL ENGINEER
51,430
JULY 15, 2009
DARIN O. ECKMAN
RENEWAL DATE 12/31/11

PLAN AND PROFILE
SHEET
2 4
Work Order No.
13065

TEC OPERATOR: STEVE SAGE DATE 8/23/2010 2:37 PM
TEC FILE NAME: 13065 ASBUILT.DWG



DAM SECTION AT CL
ASBUILT

CALCULATED RUNOFF FROM 433 AC OF PASTURE LAND
USE REGRESSION ANALYSIS METHOD FROM "MAGNITUDE AND FREQUENCY OF FLOODS IN EASTERN OREGON" U.S.G.S. 1983

NORTH CENTRAL REGION (100 YEAR EVENT)

$Q_{100} = 0.00863A^{0.88}P^{0.35}T^{1.28}$
 $A = 433$ AC. = 0.677 SQ. MILES
 $P =$ AVG. ANNUAL PRECIP. = 11 INCHES
 $T =$ TEMPERATURE INDEX = 20.5°F
 $Q_{100} = 86.1$ C.F.S. (79.9 C.F.S. PER WRD MAPPER)

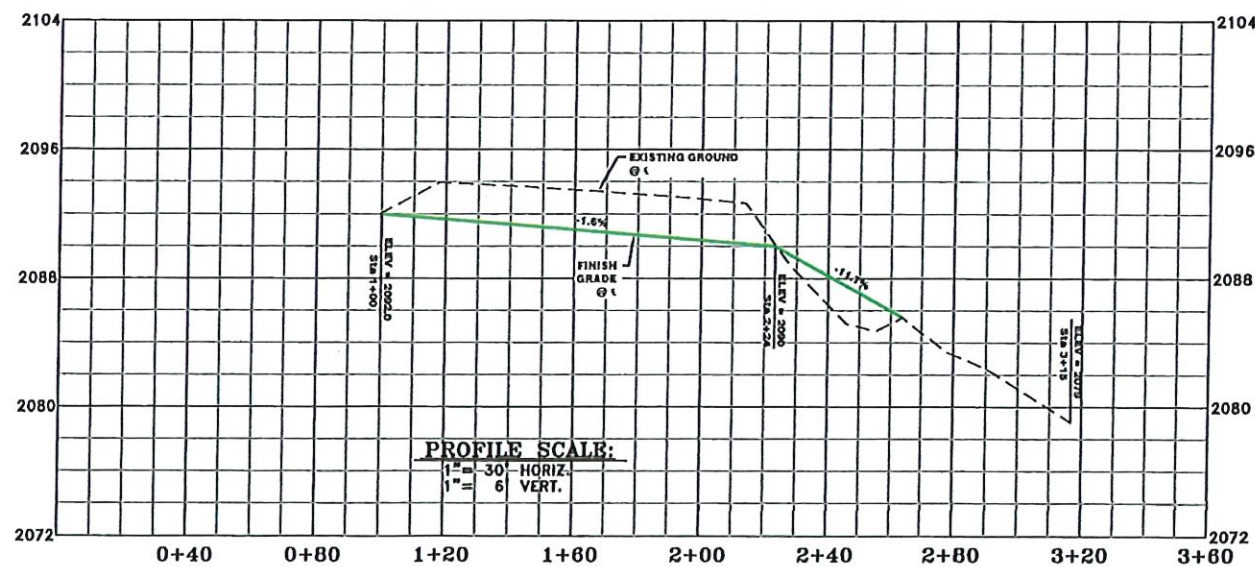
CAPACITY OF SPILLWAY CHANNEL

(MANNING $n = 0.026$)

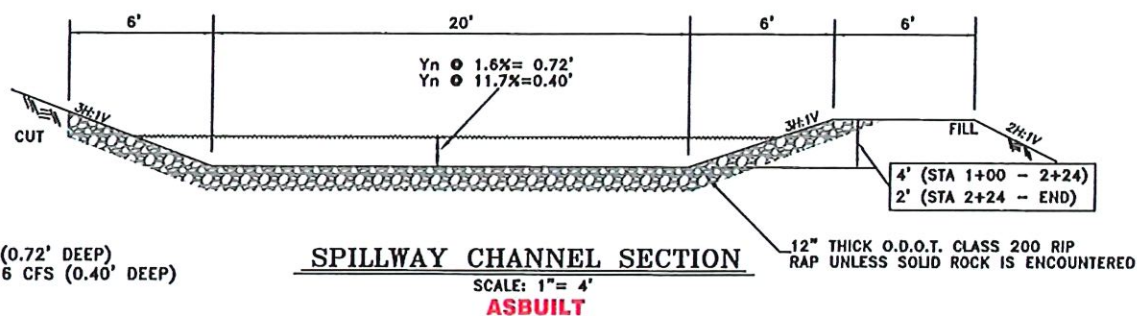
THROUGH DAM (STA 1+00 - 2+24 ~ 1.6% SLOPE) = 86.8 CFS (0.72' DEEP)
DOWNSTREAM OF DAM (STA 2+24 - END ~ 11.7% SLOPE) = 86.6 CFS (0.40' DEEP)

MAX ELEVATION OF POOL

2092.0 FT + 0.72 FT = 2092.72 FT < 2096.0 FT - 3.0 FT. (2093.0 FT.)

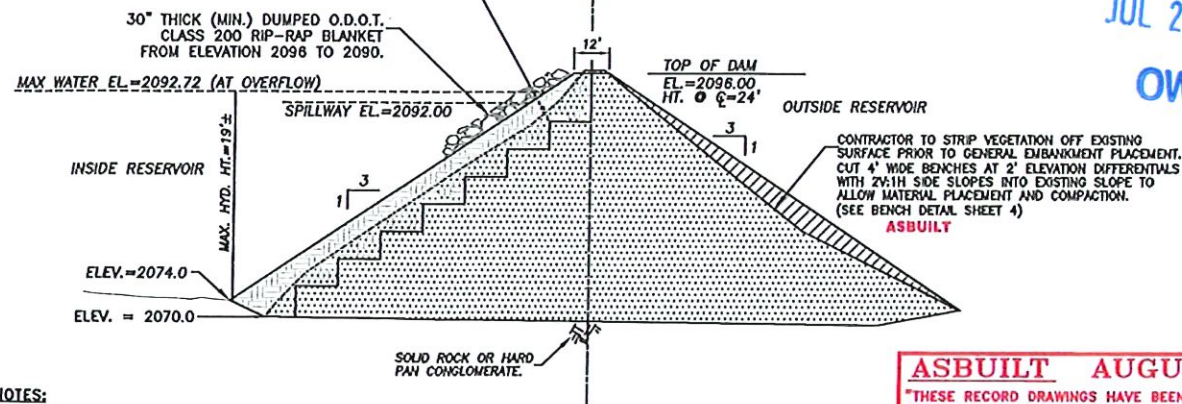


SPILLWAY C/L PROFILE



SPILLWAY CHANNEL SECTION
SCALE: 1" = 4'
ASBUILT

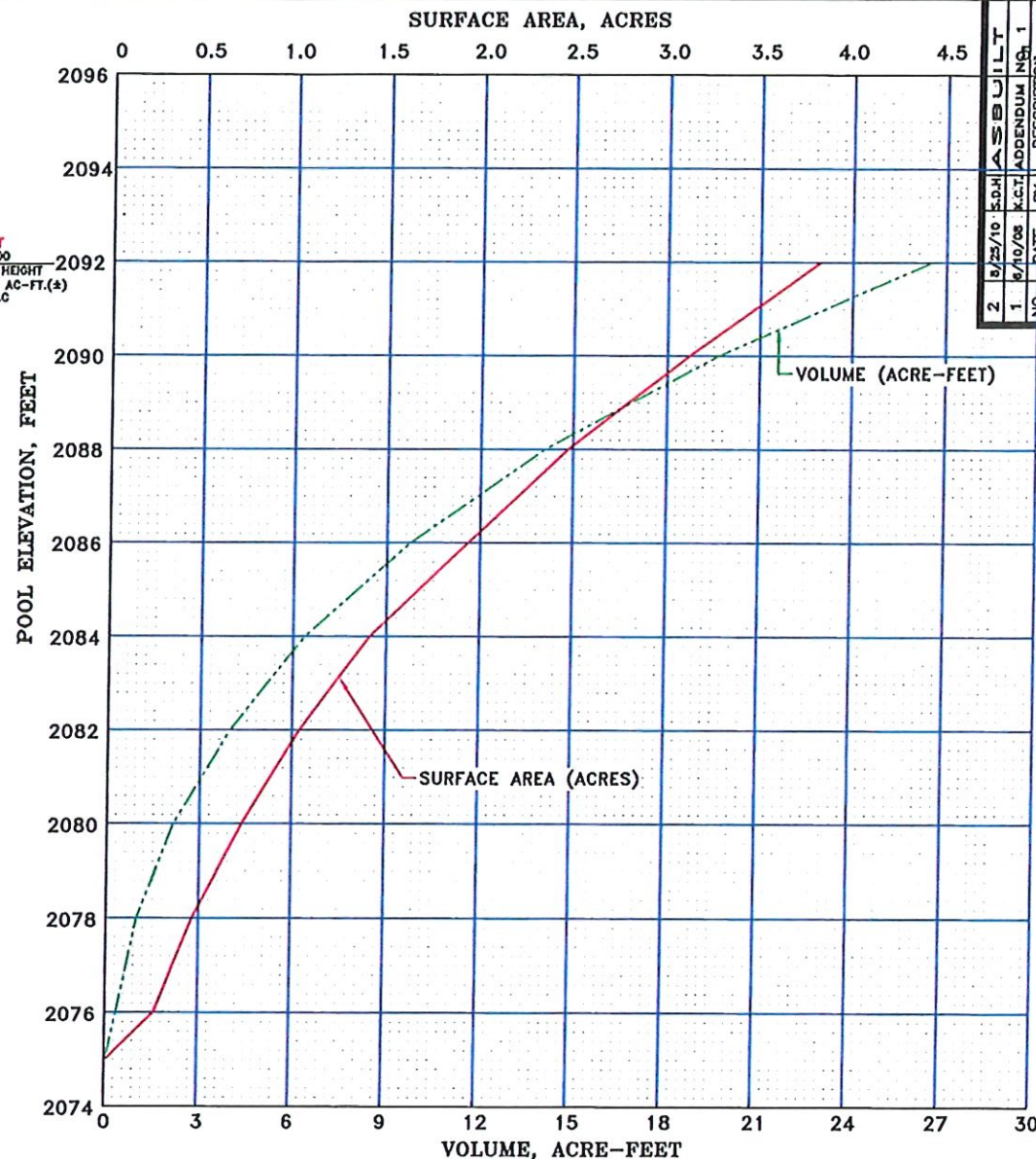
SELECT EMBANKMENT ON UPSTREAM FACE, USE NATIVE MATERIAL WITH NO ROCKS GREATER THAN 3" IN LARGEST DIMENSION AND BENTONITE (8% BY VOLUME). ROCK SHOULD COMPOSE NO MORE THAN 10% OF SELECT EMBANKMENT AND BE UNIFORMLY DISTRIBUTED. (SEE BENCH DETAIL, SHEET 4)



SECTION A-A

NOTES:

- 1) COMPACT TO 95% DENSITY SEE SPEC'S, EMBANKMENT SECTION "A", "EMBANKMENT CONSTRUCTION, GENERAL."
- 2) SEED ALL SLOPES. SEE SPEC'S, EMBANKMENT SECTION "C", "SEEDING".



AREA & CAPACITY CURVES

Received
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ASBUILT AUGUST, 2010

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NO.	DATE	BY	DESCRIPTION
2	8/25/10	ASBUILT	ADDENDUM NO. 1
1	8/10/08	KCT	ADDENDUM NO. 1

DAM SECTION AND SPILLWAY

FOR
MILAN SKORO
RESERVOIR #1

GRASS VALLEY, SHERMAN COUNTY, OREGON

Plot Date: 8/25/2010 8:33 AM

TENNESON ENGINEERING CORP.

CONSULTING ENGINEERS

3813 WEST SECOND STREET, SUITE 100

THE DALLES, OREGON 97058

PH 541-296-9177 FAX 541-296-6657

ASBUILT: AUGUST 2010

TENNESON ENGINEERING CORP.

IF THIS BAR IS NOT ONE INCH, THEN ADJUST SCALES ACCORDINGLY

REGISTERED PROFESSIONAL ENGINEER
51,430
DAVID O. ELLIS
JULY 13, 1998
OREGON

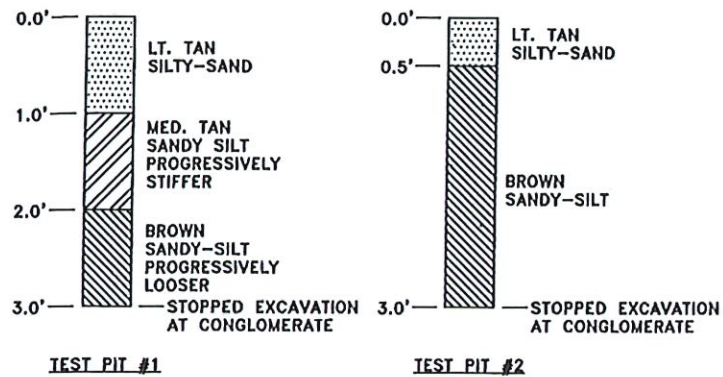
RENEWAL DATE: 12/31/11

SECTION AND SPILLWAY

SHEET
3 4

Work Order No.
13065

TEC OPERATOR: STEVE SAGE DATE 8/23/2010 2:37 PM
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TEST PIT SOIL LOGS
SEE APPENDIX "A" FOR LABORATORY TEST RESULTS.

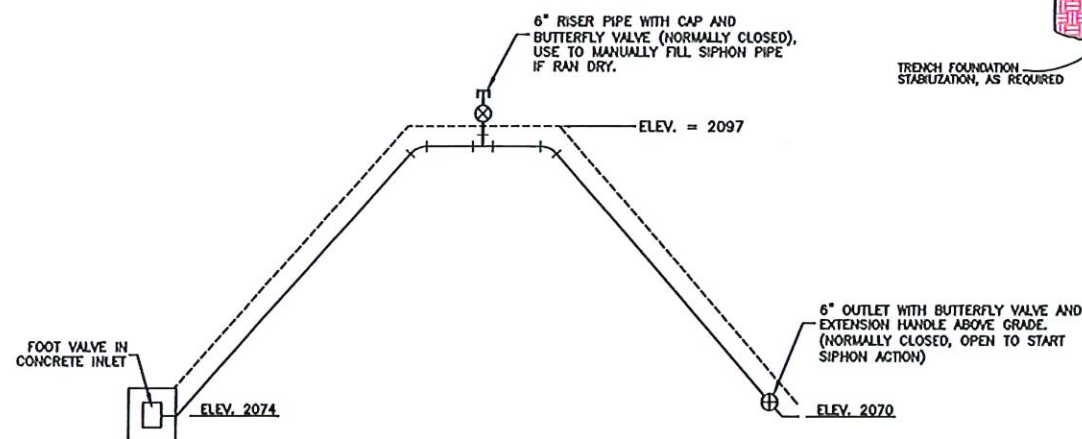
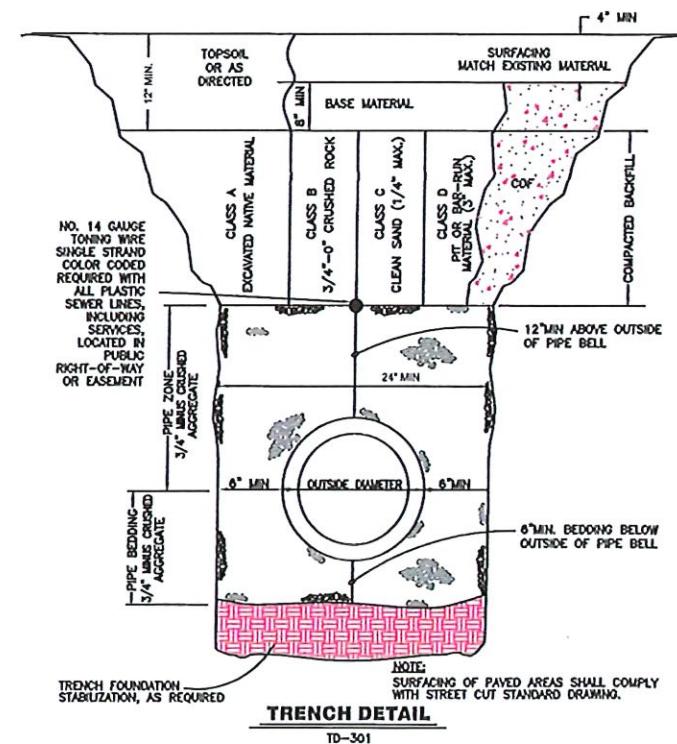


TEST PIT #3

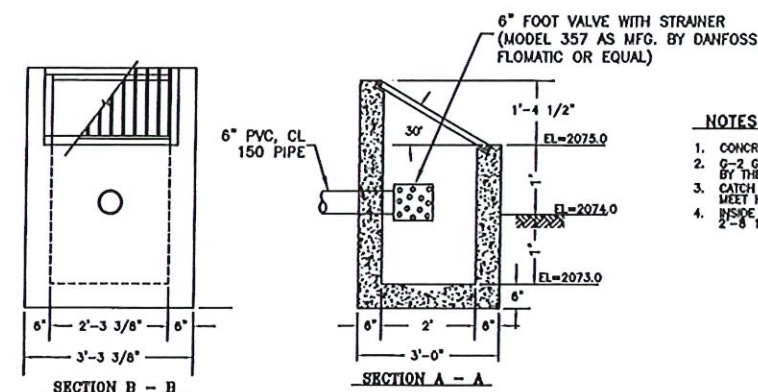
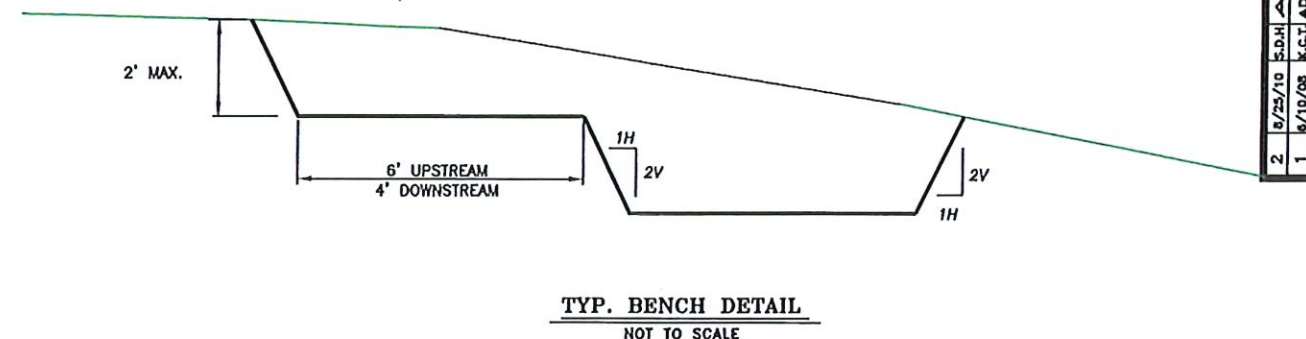
NOTE:
COMPOSITE SOIL SAMPLES OF THE LT. TAN SILTY-SAND WERE UTILIZED FOR TESTING PURPOSES. THIS MATERIAL MIXED WITH BENTONITE (8% BY VOLUME) IS TO BE USED FOR THE SELECT EMBANKMENT. GENERAL EMBANKMENT MAY BE CONSTRUCTED OF THIS AND OTHER MATERIALS SHOWN WITHIN THE SOIL LOGS.

O.D.O.T. CLASS 200 RIP-RAP GRADATION	
WT. OF ROCK (LBS.)	PERCENT (BY WEIGHT)
0-8	10%
8-80	40%
80-140	30%
140-200	20%

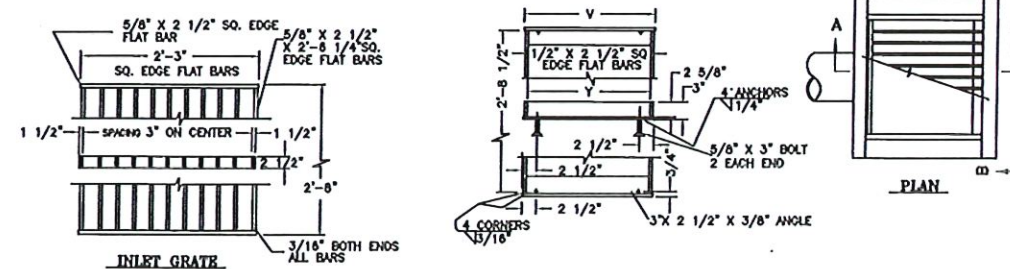
RIP-RAP GRADATION



SIPHON PIPE SCHEMATIC



- NOTES:**
1. CONCRETE STRENGTH SHALL BE 3000 PSI.
 2. G-2 GRATES MAY BE USED IF APPROVED BY THE ENGINEER.
 3. CATCH BASIN, FRAME, AND GRATES SHALL MEET H2O LOADINGS.
 4. INSIDE FRAME DIMENSIONS: 2'-3 3/8", 2'-8 1/2".



NOTE:
3/8" CROSS BARS SHALL BE FLUSH WITH THE GRATE SURFACE AND MAY BE FILLET WELDED, RESISTANCE WELDED OR ELECTROFORGED TO BEARING BARS.

INLET TYPE	V	Y	Y ₁	NO. OF BARS	TYPE
D	2'-4 3/4"	2'-3 3/8"	2'-3"	9	1

INLET DETAIL

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DAM DETAILS
FOR
MILAN SKORO RESERVOIR #1
GRASS VALLEY, SHERMAN COUNTY, OREGON

TENNESON ENGINEERING CORP.
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REGISTERED PROFESSIONAL ENGINEER
51,430
OREGON
JULY 13, 2006
DARIN O. ECKMAN

RENEWAL DATE: 12/31/11

DETAILS
SHEET
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