



Water Solutions, Inc.

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November 20, 2013

Kerry Kavanagh
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

G-17652

RE: Groundwater Application (G-16752) for SSD Lands, LLC (DeRuyter)

Dear Ms. Kavanagh:

Enclosed please find a revised map, Attachment A and Section 4 for groundwater application G-16752 in the name of SSD Lands, LLC. The revisions were made on the groundwater application and map per your request from our visit last week on November 14, 2013.

Should you have any questions regarding these revisions, please do not hesitate to contact me.

Sincerely,

Molly Reid

Molly Reid
Water Resources Analyst

Cc: Steve and Sharon DeRuyter, SSD Lands, LLC
File

Enclosures: Revised Section 4 of Groundwater Application G16752
Revised Application Map
Revised Attachment A

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SECTION 4: WATER USE

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USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1-October 31	306.0
Supplemental Irrigation	March 1-October 31	490.5

Exempt Uses: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 102 Acres Supplemental: 163.50 Acres

List the Permit or Certificate number of the underlying primary water right(s): Permits S-35791, S-42690, S-50717

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 500 to 796.5 depending on whether surface water is available for primary use on the supplemental acres.

- If the use is **municipal or quasi-municipal**, attach **Form M**
 - If the use is **domestic**, indicate the number of households: N/A
- If the use is **mining**, describe what is being mined and the method(s) of extraction: N/A

SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

- Pump (give horsepower and type): Will not know until the wells are drilled and capacity is determined
- Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Water will be pumped from wells into 16" to 12" buried PVC pipe to circles and wheel lines.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) Water will be applied through wheel lines, and drop lines with wind fighter nozzles and low pressure regulators.

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

Various crops (alfalfa and Timothy grass) will be planted that require a range of water throughout the irrigation season. Water will be metered at the wells and irrigation will be applied with optimal conditions for minimum evaporation loss.

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

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Groundwater Application for DeRuyter
Attachment A - Table of Proposed Irrigation (Revised 11/2013)

Primary Irrigation					Supplemental Irrigation			
TWP	RNG	Section	1/4 1/4	Acres	TWP	RNG	Section	1/4 1/4
6S	39E	6	NENW	11.00	6S	39E	5	NWNW
6S	39E	6	SENW	11.00	6S	39E	6	NENE
6S	39E	6	NWSW	21.50	6S	39E	6	NWNE
6S	39E	6	SWSW	23.50	6S	39E	6	SWNE
6S	39E	6	SESW	35.00	6S	39E	6	NESW
		TOTAL	PRIMARY	102.00	6S	39E	6	NESE
					6S	39E	6	NWSE
					6S	39E	6	SWSE
					6S	39E	6	SESE
							TOTAL	SUPPL

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