

Van Bussum, Monica

From: Conrad, Vic E [Vic.Conrad@simplot.com]
Sent: Tuesday, October 06, 2009 2:45 PM
To: Van Bussum, Monica
Subject: RE: 63-10034 ground water right

Monica,
Please see my attempt to answer your questions below in red.

From: Van Bussum, Monica [mailto:Monica.VanBussum@idwr.idaho.gov]
Sent: Tuesday, October 06, 2009 1:31 PM
To: Conrad, Vic E
Subject: RE: 63-10034 ground water right

Hi Vic,

Thanks for your quick response. I do need some clarification, and I have a couple more questions to add.

I was speaking of the direct ground water and surface water flow, not the waste water which I think is what you mean by effluent. Can the water from the wells and the surface water be delivered together; that is to say, in the same station, can your company use both ground water and surface water on the same piece of ground?

red { Answer: Groundwater diverted under this permit and surface water diverted under other water rights cannot be delivered to the same acre at the same time. However, water diverted under this permit and surface water diverted under other water rights can be applied to the same acre of ground – but not at the same time.

Also in regards to the ground water use, I notice most of the place of use is covered by Pioneer Dixie Ditch Co. water rights from the Boise River, as well as other Simplot surface water rights. Was the ground water use developed to be supplemental to the surface water use? In other words, are you only using ground water when surface water is unavailable? Do you use the Pioneer Dixie Ditch Co. water?

red { Answer: The land application of industrial water under this permit is only a portion of the overall irrigation supply. There are DEQ permit limitations to how much water can be applied under this permit each year. Surface water is used to meet crop water requirements that exceed the amount of groundwater we can apply due to DEQ land application permit limits.

I appreciate you taking the time to respond. I really want to make sure we get this right.

Thanks again,

Monica

From: Conrad, Vic E [mailto:Vic.Conrad@simplot.com]
Sent: Tuesday, October 06, 2009 8:04 AM
To: Van Bussum, Monica
Subject: RE: 63-10034 ground water right

Monica,
The system that land applies effluent is operated in stations. The industrial effluent is applied depending on which station is operated in accordance with carefully managed soil, crop, hydraulic and nutrient monitoring. Generally, the application of effluent is not sufficient to raise a crop – which is in effect, the water treatment facility for any land

application system. After effluent is applied at a particular station, "fresh" water is applied as a follow-up to provide the crop with an adequate water supply.

Water is not comingled before it is applied to the land. The "comingling" occurs on the land. The plumbing of the two systems are separate to each station – and each station operates independently.

I hope this answers your question – but please don't hesitate to let me know if you need to visit the system or have any other questions.

From: Van Bussum, Monica [mailto:Monica.VanBussum@idwr.idaho.gov]
Sent: Monday, October 05, 2009 11:03 AM
To: Conrad, Vic E
Subject: 63-10034 ground water right

Good morning Vic,

I have a file for water right permit 63-10034 given to me by Michele Edl and Shelley Keen. I realize you've worked with a number of people from IDWR and I hope to bother you just once with this one question. Michele and Shelley asked me to do what we call an overlap analysis, meaning they asked me to determine the extent of water rights that overlap 63-10034.

63-10034 is a permit your company is in the process of amending to include both irrigation from ground water and the industrial application of waste water to the land during the non-irrigation season. In looking at the place of use for 63-10034, I see both ground water and surface water rights cover portions of the land. My question is, do the ground water and surface water commingle before they are delivered to the land? In other words, are both surface water and ground water delivered to the lands via the same delivery system, and can they both be delivered to the entire place of use?

I realize this is potentially confusing, so please feel free to email or call if you have any questions. Thank you!

Regards,

Monica

Monica Van Bussum

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