

63-11816 NOTES

Steve Lester, February 5, 2009

Permit approved per mitigation plan addressing SE Boise GWMA issues.

SE Boise GWMA aquifer considered separate source from general Bs 63 aquifer, was not viewed as source restricted by broader Bs 63 ground water issues or shallow ground tributary to river issues.

Partial mitigation has occurred, evaluation plan has been submitted, no adverse impacts found so far.

Reasonable to infer no adverse impacts to other shallow ground water in that portion of SE Boise GWMA.

No known adverse impacts to deeper aquifer of concern in SE Boise GWMA.

P/D on flats paralleling Boise Avenue in far northwest portion of SE Boise GWMA. P/D most likely not communicating with deeper aquifer.

Possible but unlikely that ground water recharge to deeper aquifer (Micron) benefits the Parks well.

More in-depth analysis of SE Boise GWMA boundaries would probably exclude the flats along Boise Avenue – boundaries sometime include convenient pls divisions etc. (Scanlan, Squires et al, SE Boise GWMA Advisory Committee meetings).

Conclusions

- Shallow ground water within SE Boise GWMA but most likely little if any communication with deeper aquifer of concern.
- Should not add shallow ground water tributary to river issue as long as site remains part of SE Boise GWMA (“separate sources”).
- Partial mitigation should continue based on available surface water supply for at least 5 years after licensing to monitor impacts to shallow ground water in local area (include minimum mitigation amount, 25% of annual ground water diverted?). Parks should submit mitigation evaluation report after 5 years (or sooner upon determination that source is not hydraulically connected to SE Boise GWMA aquifer).

- Mitigation requirement for SE Boise GWMA issue could be renewed, revised or waived after 5 years (or sooner upon determination that source is not hydraulically connected to SE Boise GWMA aquifer).
- Right subject to Boise River mitigation upon determination that source is not hydraulically connected to SE Boise GWMA aquifer but is instead tributary to the Boise River.

Last item is probably the real story, but we are boxed into GWMA issues at this time. The Advisory Committee and technical folks associated with GWMA process have consistently said they do not think shallow wells along the flats are really part of the management area problems.