

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14074

GW Reviewer Joe Kemper Date Review Completed: 8/7/2025

Summary of Same Source Review:

☐ The proposed change in point of appropriation is not within the same aquifer as per OAR 690-380-2110(2).

Summary of Water Level Decline Condition Review:

☒ Water levels at the original point(s) of appropriation have exceeded the allowed decline threshold defined by conditions in the originating water right.

Summary of Injury Review:

☐ The proposed transfer will result in another, existing water right not receiving previously available water to which it is legally entitled or result in significant interference with a surface water source as per 690-380-0100(3).

Summary of GW-SW Transfer Similarity Review:

☐ The proposed SW-GW transfer doesn't meet the definition of "similarly" as per OAR 690-380-2130.

This is only a summary. Documentation is attached and should be read thoroughly to understand the basis for determinations.



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Ground Water Review Form:

- ☒ **Water Right Transfer - Temporary**
☐ **Permit Amendment**
☐ **GR Modification**
☐ **Other**

Application: T-14074

Applicant Name: Kameron DeLashmutt / Pinnacle Utilities, LLC

Proposed Changes: ☒ POA ☐ APOA ☐ SW→GW ☐ RA
☒ USE ☒ POU ☐ OTHER

Reviewer(s): _____

Date of Review: 8/7/2025

Date Reviewed by GW Mgr. and Returned to WRSD: JTL8/15/25

The information provided in the application is insufficient to evaluate whether the proposed transfer may be approved because:

- ☐ The water well reports provided with the application do not correspond to the water rights affected by the transfer.
- ☐ The application does not include water well reports or a description of the well construction details sufficient to establish the ground water body developed or proposed to be developed.
- ☐ Other _____

-
1. Basic description of the changes proposed in this transfer: The applicant is proposing to temporarily change the character of use, POU, and POAs for 47.6 acres (0.548 cfs) from Certificate 96190 and a 106.1 acre (1.22 cfs) portion of Certificate 96192 to meet initial quasi-municipal demands of the "to" lands. The "to" and "from" wells are listed in the table below.
 2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
☒ Yes ☐ No Comments: Certificates 96190 and 96192 resulted from T-12651, a SW-GW transfer from Deep Canyon Creek. The certificates 96190 and 96192 explicitly identify "Deep Canyon Creek" as the original source of water. Deep Canyon Creek is sourced by Deep Canyon Spring, which appears only 2500 feet before the Creek meets the Deschutes River. Best available information indicates that Deep Canyon Spring is a discharge point from the Deschutes regional groundwater system. The authorized POAs on certificates 96190 and 96192 also produce groundwater from the Deschutes regional groundwater system. The "to" wells would produce groundwater from the Deschutes regional groundwater system.

3. a) Is the existing authorized POA subject to a water level decline condition?

☒ Yes ☐ No

Comments: Certificate 96190 authorizes a total of 1.81 cfs from four wells, but the source is the “waters of Deep Canyon Creek” because this water right resulted from SW-GW transfer T-12651. Certificate 96190 also indicates that the “quantity of water diverted at the new POAs shall not exceed the quantity of water lawfully available at the original POD....”

Certificate 96192 authorizes a total of 3.69 cfs from four wells, but the source is the “waters of Deep Canyon Creek” because this water right resulted from SW-GW transfer T-12651. Certificate 96192 also indicates that the “quantity of water diverted at the new POAs shall not exceed the quantity of water lawfully available at the original POD....”

b) If yes, for each POA identify the reference level, most recent spring-high water level, and whether an applicable permit decline condition has been exceeded: Flow at Deep Canyon Creek is a condition for use of water that depends on a groundwater gradient providing flow at a valid POD. Deep Canyon Creek originates as Deep Canyon Spring and runs for approximately 2500 feet before meeting the Deschutes River. Adjacent groundwater levels have declined regularly since the mid-1990s. Recent measurements at Deep Canyon Creek/Springs reflect a significant reduction in flowrate. The water available at POD (less than 0.2 cfs in 2025) is much less than is authorized in the originating certificates for this transfer and for the amount that is requested to be transferred. Thus, the proposed changes in this transfer appear to meet the definition of enlargement per OAR 690-380-0100(2)(d).

Table 1. Flow at Deep Canyon Creek/Springs

Spring	Date	Discharge (cfs)	Comment
Deep Canyon	4/15/1977	5.5	Certificate 44281 Rate
Deep Canyon	4/1/2022	1.78	OWRD Staff Msmt
Deep Canyon	4/17/2025	0.17	OWRD Staff Msmt
Deep Canyon	7/31/2025	0.07	OWRD Staff Msmt

4. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?

☐ Yes ☒ No Comments: NA

b) If yes, estimate the portion of the right supplied by each of the sources and describe any limitations that will need to be placed on the proposed change (rate, duty, etc.): _____

5. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another ground water right**?

☒ Yes ☐ No Comments: The proposed changes will move groundwater use from the Lower Bridge area to the Cline Buttes area. This will likely result in an increase in well-to-well interference with adjacent groundwater users in the Cline Buttes area.

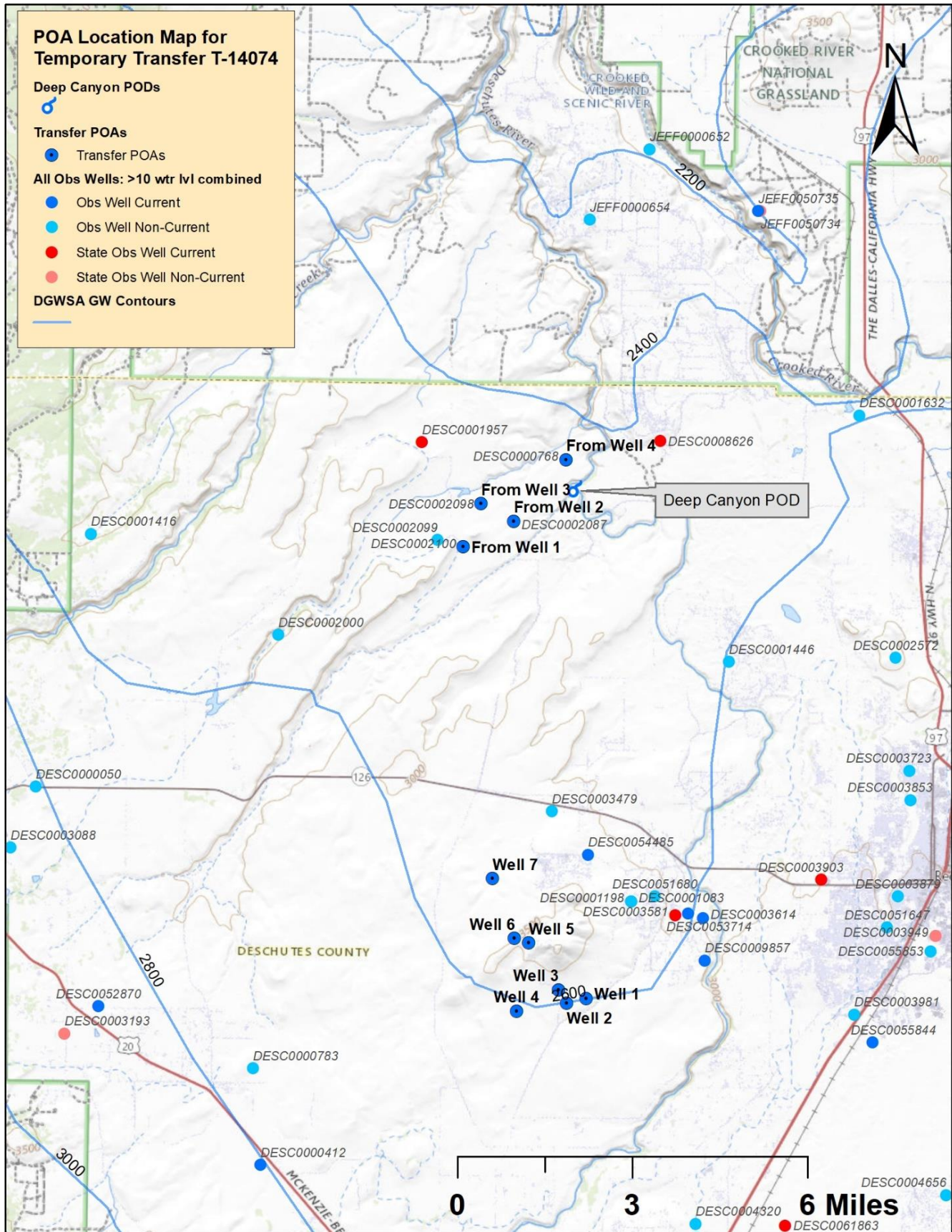
b) If yes, would this proposed change, at its maximum allowed rate of use, likely result in another groundwater right not receiving the water to which it is legally entitled?

- ☐ Yes ☒ No If yes, explain: Considering the high permeability and storage of the Deschutes Formation as well as the considerable saturated thickness, it is not likely that the proposed changes would increase well-to-well interference enough to be considered injury to another groundwater user.
6. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another surface water source**?
- ☒ Yes ☐ No Comments: The proposed changes will move groundwater use from the Lower Bridge area to the Cline Buttes area. This will likely shift some of the expected capture from the Deschutes River to the Crooked River.
- b) If yes, at its maximum allowed rate of use, what is the expected change in degree of interference with any **surface water sources** resulting from the proposed change?
- Stream: Crooked ☒ Minimal ☐ Significant
- Stream: _____ ☐ Minimal ☐ Significant
- Provide context for minimal/significant impact: The reduction in groundwater inflow to the Crooked River as a result of moving the location of groundwater pumpage would not be large enough to be considered injury.
7. For SW-GW transfers, will the proposed change in point of diversion affect the surface water source similarly (as per OAR 690-380-2130) to the authorized point of diversion specified in the water use subject to transfer?
- ☐ Yes ☐ No Comments: NA
8. What conditions or other changes in the application are necessary to address any potential issues identified above: _____
9. Any additional comments: _____

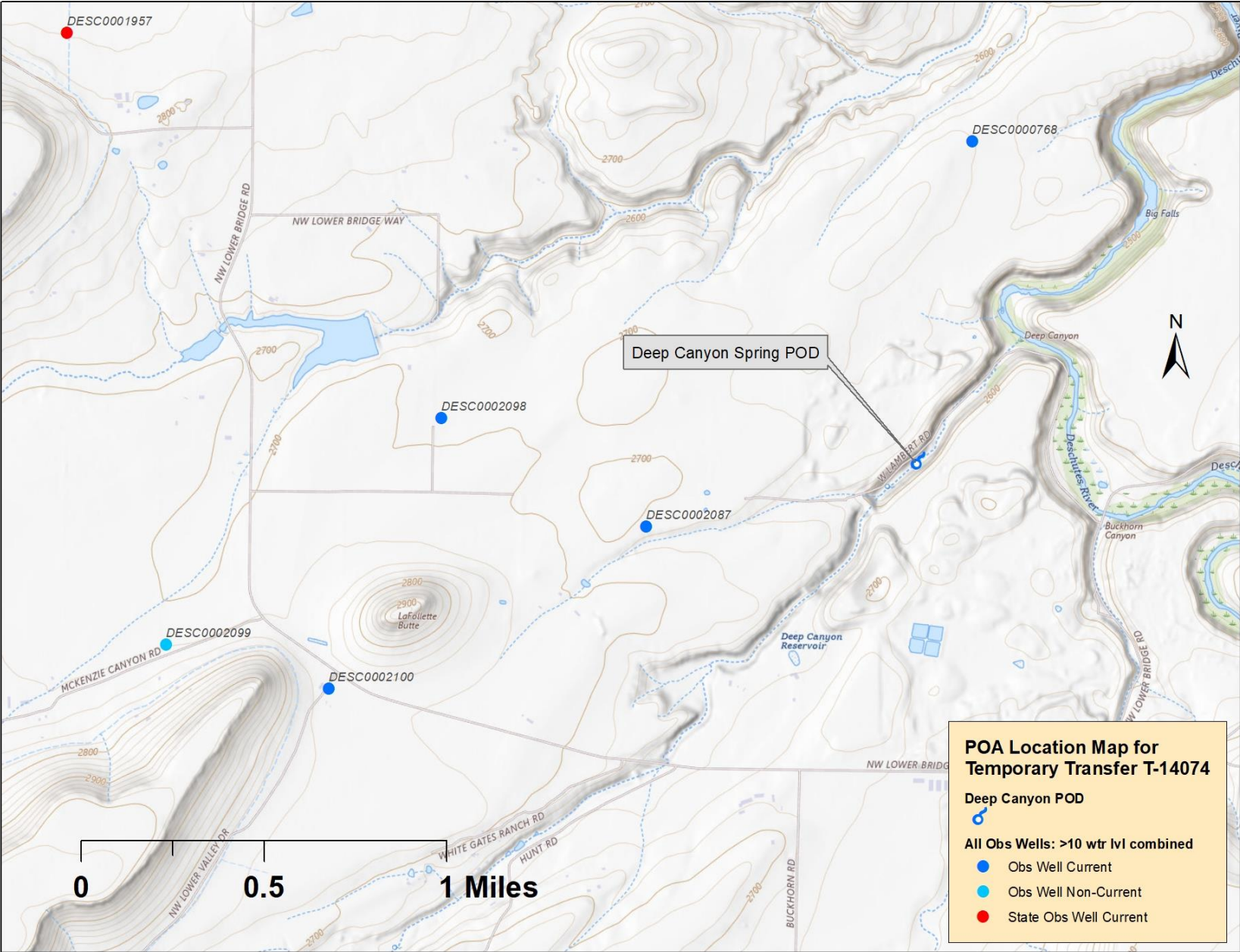
Table 2. Well/POA Summary

From Wells	Well Name	LOGID	TRSqq	Legal Description
	Well 1	DESC 2100	14S/12E-S18 SW-SE	1154.2' N, 1680.6' W of SE cor S 18
	Well 3	DESC 2087	14S/12E-S17 SW-NE	1772.1' S, 1706.6' W of NE cor S 17
	Well 4	DESC 2098	14S/12E-S17 NW-NW	1571.4' S, 2862.6' W of NE cor S 9
	Well 7	DESC 768	14S/12E-S9 SE-NW	2519' S, 578' W of NE cor S 28
To Wells	Well 1	Proposed	15S/12E-28SENE	2519'S, 578'W fr NE cor S 28
	Well 2	Proposed	15S/12E-28NWSE	2958'S, 2316'W fr NE cor S 28
	Well 3	Proposed	15S/12E-28SENW	1752'S, 3044'E fr NE cor, S 28
	Well 4	Proposed	15S/12E-29NWSE	1677'N, 1466'W fr SE cor S 29
	Well 5	Proposed	15S/12E-20NESE	205'S, 434'W fr E1/4 cor S 20
	Well 6	Proposed	15S/12E-20SWNE	244'N, 1667'W fr E1/4 cor, S 20
	Well 7	Proposed	15S/12E-17SENW	2446'S, 1180'W fr N1/4 cor, S 17

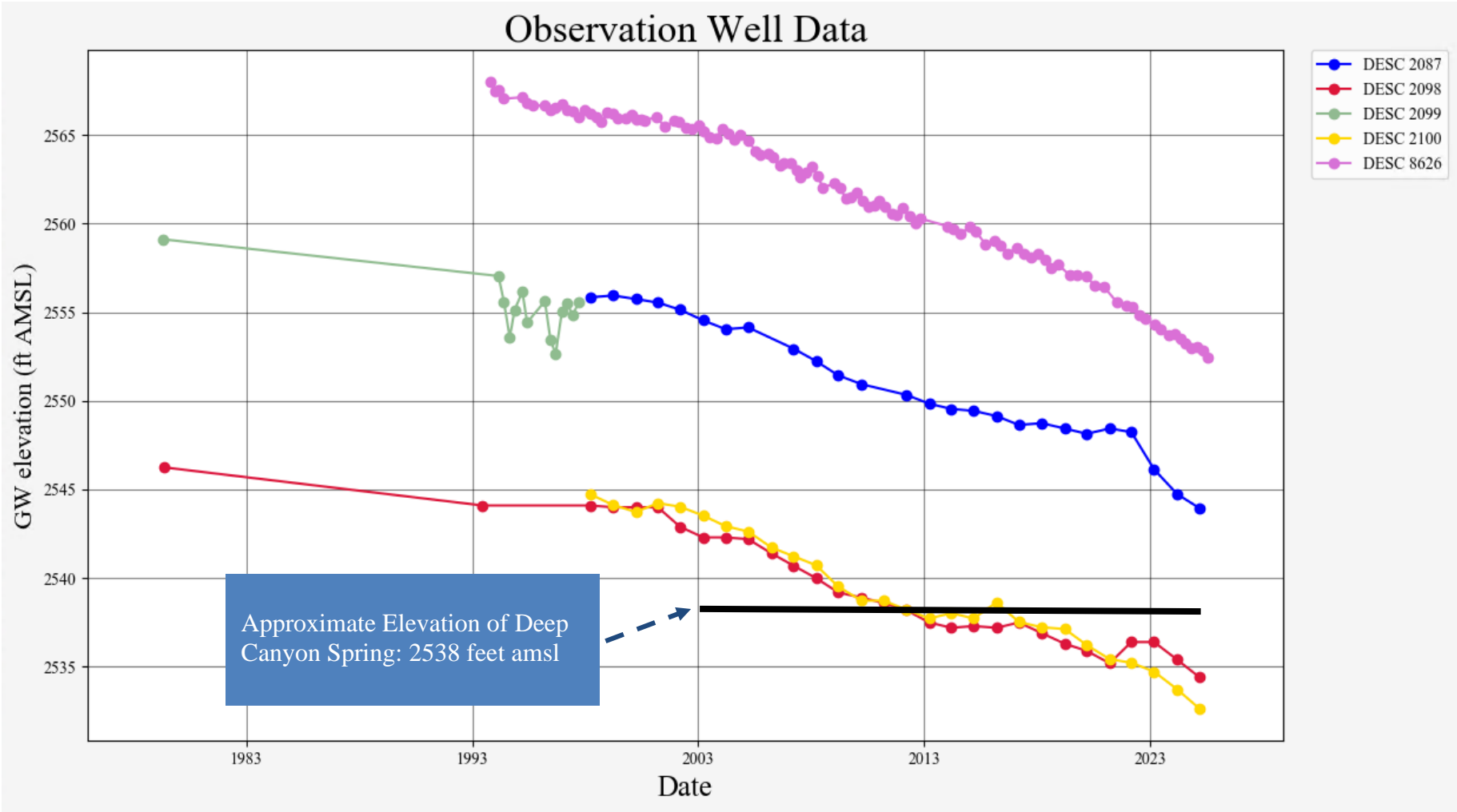
Transfer Map 1



Transfer Map 2



Adjacent Well Measurements and Deep Canyon Spring Elevation



Hydrograph of Water Levels of the To Wells and From Wells

