



APPENDIX E

Analysis of Inactive Wells for Re-Activation



Table 1. Evaluation of Inactive Wells for Potential Blending with Cr6 Impacted Wells

Pressure Zone	Well ID	Reason for Inactive Status	
Sky Mountain	4502-1	Elevated nitrate concentration	Nearest Cr6 > 8 µg/L well is approximately 2.5 miles (4611-1), which is already proposed for blending (0.8 miles). If additional supply is desired and a blending approach to treating 4611-1 selected, well 4502-1 may be able to be reactivated with nitrate concentrations blended down.
	4503-1	Monitoring; out of service 1991 - 1994	-
	4508-1	Elevated nitrate concentration (43 mg/L)	Nearest Cr6 > 8 µg/L well is approximately 1.9 miles (4613-1), which is proposed for Tier 1 SBA treatment.
	5518-1	Elevated nitrate concentration (40 mg/L)	Nearest Cr6 > 8 µg/L well is approximately 2.9 miles (4611-1), which is already proposed for blending.
Valley	5516-1	PCE detected	VOCs present may require additional treatment.
	5602-1	Monitoring	-
	5605-1M	Monitoring	-
	5609-1M	Elevated nitrate concentration (40 mg/L)	Nearest Cr6 > 8 µg/L well is approximately 3.5 miles (5682-1).
	5619-1	High nitrate concentration (115 mg/L)	Nitrate concentration too high for effective blending.
	5620-1	Elevated nitrate concentration (40 mg/L)	Nearest Cr6 > 8 µg/L well is approximately 1.6 miles (5682-1). Has a relatively high Cr6 for blending purposes (5.6 – 6.0 µg/L).
	5621-1	Elevated nitrate concentration (65 mg/L)	Nearest Cr6 > 8 µg/L well is approximately 2.6 miles (5603-1), which is already proposed for blending with 5639-1 (0.9 miles away).
	5623-1	Elevated nitrate; PCE detected	VOCs present may require additional treatment
	5627-1	Elevated nitrate concentration (40 mg/L)	Nearest Cr6 > 8 µg/L well is approximately 0.6 miles (5603-1), which is proposed for blending with 5639-1 (0.9 miles away). Has relatively high Cr6 for blending purposes (5.7 – 6.0 µg/L).
	5628-1	Monitoring	-
	5628-2	Elevated nitrate concentration (44 mg/L)	Nearest Cr6 > 8 µg/L well is approximately 0.6 miles (5682-1), which is proposed for blending with 5670-1 (1.4 miles). Has relatively high Cr6 for blending purposes (6.0 – 6.3 µg/L).
	5633-2	Elevated nitrate; DBCP detected	VOCs present may require additional treatment.
	5637-1	High nitrate concentration (116 mg/L)	Nitrate concentration too high for effective blending.
	5638-1	Monitoring	-



Pressure Zone	Well ID	Reason for Inactive Status	
	5638-2	Elevated nitrate; DBCP detected	VOCs present may require additional treatment.
	5660-1	Elevated nitrate; DCPA detected	VOCs present may require additional treatment.
	5661-1	Elevated nitrate concentration (43 mg/L)	Nearest Cr6 > 8 µg/L well is approximately 2.5 miles (5603-1), which is proposed for blending with 5639-1 (0.9 miles away).
	5663-1	Elevated nitrate; PCE and TCP detected	VOCs present may require additional treatment.
	5665-1	Elevated nitrate; DBCP detected	VOCs present may require additional treatment.
	5666-1	Elevated nitrate; DBCP detected	VOCs present may require additional treatment.
	5674-1	Elevated nitrate concentration (112 mg/L)	Nitrate concentration too high for effective blending.
PD Hwy	5604-1	Elevated nitrate concentration (127 mg/L)	Nitrate concentration too high for effective blending.
	5644-1	High nitrate concentration (98 mg/L)	Nitrate concentration too high for effective blending.
La Quinta	5704-1	Elevated nitrate concentration (38 mg/L)	Nearest Cr6 > 8 µg/L well is approximately 0.5 miles (5711-2), which is proposed for treatment. Unknown Cr6 concentration in 5704-1.
	5710-1	Elevated nitrate concentration (39 mg/L)	Nearest Cr6 > 8 µg/L well is approximately 1.3 miles (5708-1), which is proposed for blending with 5712-1. Ability to blend will depend on Cr6 concentration in 5704-1 (currently unknown).
	5712-1	Elevated nitrate concentration (63 mg/L)	Proposed for blending with 5708-1 if treatment becomes necessary on this Tier 2 well. Cr6 is relatively high (7 – 8 µg/L) but 5708-1 is only slightly higher.
	5736-1	Elevated nitrate concentration (59 mg/L)	Nearest Cr6 > 8 µg/L well is approximately 1.1 miles (5708-1), which is proposed for blending with 5712-1 (also 1.1 miles away). Ability to blend will depend on Cr6 concentration in 5736-1 (currently unknown).
	6702-1	DBCP detected	VOCs present may require additional treatment
Cahuilla	6721-2	Perchlorate detected (5.4 µg/L)	Nearest Cr6 > 8 µg/L well is approximately 1.2 miles (6723-1), which is proposed for treatment. Chromium concentrations are high (8 – 9.6 µg/L), so blending is not preferred.
West Shores	8991-1	Monitoring	-
Middleton Road	7801-1	High arsenic concentration (25 µg/L)	Arsenic concentration too high for effective blending.