

9.0 RECOMMENDATIONS/FOLLOW-UP ACTIONS

Table 9.1 summarizes the issues identified during the Second Five-Year Review and the recommended corrective action. The responsible party for all recommended follow-up actions is Luke AFB, and both ADEQ and EPA are the regulatory oversight/approval agencies.

Table 9.1
Recommendations/Follow-Up Actions Summary
Luke AFB, Arizona

Issue	Recommendations/ Follow-Up Actions	Milestone Date	Affects Protectiveness	
			Currently	Future
MW-123 at PSC FT-07E has collapsed and cannot be sampled. There is another well at this PSC (MW-118) but the screen is submerged (see below).	Replace well	TBD	No*	No*
The screen of MW-118 at PSC FT-07E is submerged. Therefore, groundwater samples collected from this well may not be representative of groundwater quality beneath the site. Given that the second well at FT-07E is collapsed and cannot be sampled, the evaluation of groundwater quality for this PSC is incomplete.	Replace well	TBD	No	No
MW-124 at PSC RW-02 has collapsed. This is the only monitoring well at this PSC. The groundwater monitoring requirement of the ROD cannot be met because this well cannot be sampled.	Replace well	TBD	No*	No*
MW-114 at PSC ST-18 contains blockage that extends to 15 feet above the screen. Because this well cannot be sampled at the proper depth, groundwater results obtained from MW-114 may not represent site conditions.	Replace well	TBD	No*	No*
The screen of MW-114 at PSC ST-18 is submerged. Therefore, groundwater samples collected from this well may not be representative of groundwater quality beneath the site.	Replace well	TBD	No*	No*
The screen of MW-121 at PSC SS-42 is submerged. Groundwater sample representativeness is discussed in the entry above.	Replace well	TBD	No*	No*
The screen of MW-113 at PSC SD-20 is submerged. Therefore, groundwater samples collected from this well may not be representative of groundwater quality beneath the site.	Replace well	TBD	No*	No*
The screen of MW-125R at PSC SS-42 is submerged. Therefore, groundwater samples collected from this well may not be representative of groundwater quality beneath the site.	Replace well	TBD	No*	No*

Table 9.1 (continued)
Recommendations/Follow-Up Actions Summary
Luke AFB, Arizona

Issue	Recommendations/ Follow-Up Actions	Milestone Date	Affects Protectiveness	
			Currently	Future
Metals groundwater data for MW-119 at PSC SS-42 is incomplete. In 1994, Nickel was detected in groundwater samples collected at a concentration that exceeded the Arizona drinking water standard.	Collect Samples	TBD	No	No
Institutional Control Plan does not discuss, list or illustrate PSC DP-23.	Revise ICP	TBD	No	No
Institutional Control Plan should not include PSC SS-42.	Revise ICP	TBD	No	No
Base General Plan does not list or illustrate PSC ST-28.	Revise BGP	TBD	No	No
Continue routine monitoring at PSCs ST-18, SS-42, FT-07E, RW-02, and SD-20.	Continue with past practices	TBD	No	No

Notes:

* See the explanation provided in Section 7.1.2. Also, the Base is pursuing funds to replace the wells with submerged screens and the replacement wells will be sampled shortly after they are installed

ADEQ Arizona Department of Environmental Quality

AFB Air Force Base

EPA Environmental Protection Agency

MW monitoring well

PSC potential source of contamination

TBD to be determined

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