

Table 6.25
Soil Inorganic Analytical Data
Exceedences for PSC DP-23
Luke AFB, Arizona

Sample Date	Location	Depth (ft bgs)	Inorganic Constituents			
			Arsenic			
			ASRL		PRG	
			Res. 10.0	Ind. 10.0	Res. 0.39	Ind. 1.60
12/09/91	SD-2	0-1	6.00			
02/06/92	SD-6	0-1	5.00			
	SD-8	0-1	5.70			
	SD-9	0-1	6.30			
	SD-10	0-1	6.90			
1-2		5.10				
02/03/92	SB-1	8-10	6.20			
		24-26	8.80			
02/06/92	SB-2	0-2	5.60			
		6-8	5.30			
04/14/92	SB-4	0-2	6.00			
04/15/92	SB-4	148-150	6.00			
	SB-5	0-2	7.00			
		10-12	6.00			
		38-40	9.00			

- Notes:
- Sample results are reported in milligrams per kilogram
 - Shaded results exceed a standard
 - Bold results indicate compound was detected

ASRL Arizona soil remediation level
 ft bgs feet below ground surface
 Ind. industrial
 PRG Environmental Protection Agency Region 9 preliminary remediation goal
 Res. residential

Table 6.26
Soil Inorganic Analytical Data
Exceedences for PSC FT-07E
Luke AFB, Arizona

Sample Date	Location	Depth (ft bgs)	Inorganic Constituents			
			Arsenic			
			ASRL		PRG	
			Res. 10.0	Ind. 10.0	Res. 0.39	Ind. 1.60
04/03/93	07-SB-1	0-2	8.00			
		88-90	10.0			
		98-100	6.00			
04/05/93	07-SB-2	0-2	6.00			
		0-2	6.00			
		28-30	5.00			
		38-40	10.0			
		48-50	7.00			
		58-60	6.00			
		68-70	6.00			
		88-90	8.00			
04/02/93	07-SB-3	88-90	6.00			
03/30/93	07-SB-4	0-2	9.00			
		0-2	9.00			
		28-30	6.00			
		38-40	8.00			
		78-80	6.00			
		88-90	6.00			
		98-100	9.00			
04/01/93	07-SB-5	68-70	6.00			
		78-80	8.00			
		98-100	7.00			
03/29/93	07-SB-6	0-2	6.00			
		4-6	6.00			

Notes:

- Sample results are reported in milligrams per kilogram
- Shaded results exceed a standard
- Bold results indicate compound was detected

ASRL Arizona soil remediation level
 ft bgs feet below ground surface
 Ind. industrial
 PRG Environmental Protection Agency Region 9 preliminary remediation goal
 Res. residential

Table 6.27
Soil Inorganic Analytical Data
Exceedences for PSC LF-03
Luke AFB, Arizona

Sample Date	Location	Depth (ft bgs)	Inorganic Constituents															
			Arsenic				Chromium				Copper				Lead			
			ASRL		PRG		ASRL		PRG		ASRL		PRG		ASRL		PRG	
			Res.	Ind.	Res.	Ind.	Res.	Ind.	Res.	Ind.	Res.	Ind.	Res.	Ind.	Res.	Ind.	Res.	Ind.
			10.0	10.0	0.39	1.60	2,100	4,500	210	450	2,800	63,000	3,100	41,000	400	2,000	400	800
10/26/91	03-TP-5	8	5.90				386				4,700				796			
		7-8	9.50				349				387				721			
	03-TP-6	2	5.20				20.1				32.9				13.5			
	03-TP-4	4	15.9				26.6				123				568			

Notes:

- Sample results are reported in milligrams per kilogram
- Shaded results exceed a standard
- Bold results indicate compound was detected
- Total Chromium standards are listed

ASRL Arizona soil remediation level
 ft bgs feet below ground surface
 Ind. industrial
 PRG Environmental Protection Agency Region 9 preliminary remediation goal
 Res. residential

Table 6.28
Soil Inorganic Analytical Data
Exceedences for PSC LF-14
Luke AFB, Arizona

Sample Date	Location	Depth (ft bgs)	Inorganic Constituents										
			Arsenic				Beryllium				Chromium		
			ASRL		PRG		ASRL		PRG		ASRL		PRG
			Res. 10.0	Ind. 10.0	Res. 0.39	Ind. 1.60	Res. 1.40	Ind. 11.0	Res. 150	Ind. 1,900	Res. 2,100	Ind. 4,500	Res. 210
10/28/91	14-TP-2	1	ND				1.50				18.6		
		4	8.70				0.50				16.1		
10/29/91	14-TP-3	1-2	5.40				ND				15.5		
		10	8.90				ND				12.1		
10/30/91	14-SB-4	5-15	6.10				0.50				13.7		
10/31/91	14-SB-5	0-2	ND				ND				221		
			ND				ND				376		
03/10/93	14-SB-6	0-2	14.0				0.60				19.6		
		8-10	9.00				0.70				20.1		
		28-30	7.00				ND				17.5		
	14-SB-7	0-2	6.00				0.50				16.0		
8-10		5.00				0.50				17.6			
03/15/93	14-SB-8	0-2	6.00				ND				17.6		
	14-SB-9	8-10	6.00				ND				21.8		

Notes:

- Sample results are reported in milligrams per kilogram
- Shaded results exceed a standard
- Bold results indicate compound was detected
- Total Chromium standards are listed

ASRL: Arizona soil remediation level
 ft bgs: feet below ground surface
 Ind.: industrial
 ND: not detected
 PRG: Environmental Protection Agency Region 9 preliminary remediation goal
 Res.: residential

Table 6.29
Soil Inorganic Analytical Data
Exceedences for PSC LF-25
Luke AFB, Arizona

Sample Date	Location	Depth (ft bgs)	Inorganic Constituents															
			Antimony				Arsenic				Beryllium				Lead			
			ASRL		PRG		ASRL		PRG		ASRL		PRG		ASRL		PRG	
			Res.	Ind.	Res.	Ind.	Res.	Ind.	Res.	Ind.	Res.	Ind.	Res.	Ind.	Res.	Ind.	Res.	Ind.
			31.0	680	31.0	410	10.0	10.0	0.39	1.60	1.40	11.0	150	1,900	400	2,000	400	800
10/18/91	25-TP-06	1	ND				ND				1.50				15.0			
		10	ND				ND				1.70				13.0			
	25-TP-07	2	ND				ND				1.70				13.0			
	25-TP-08	2	ND				ND				2.00				12.0			
	25-TP-09	0.5	ND				6.00				7.60				66.0			
10/21/91	25-TP-10	2	ND				ND				4.40				19.0			
	25-TP-11	2	368 J				16.0				2.50				10,100			
	25-TP-12	1-2	ND				ND				2.00				24.0			
		10	ND				ND				3.50				15.0			
10/22/91	25-TP-13	1-1.5	ND				6.00				ND				26.0			

Notes:

- Sample results are reported in milligrams per kilogram
- Shaded results exceed a standard
- Bold results indicate compound was detected

ASRL Arizona soil remediation level
 ft bgs feet below ground surface
 Ind. industrial
 J estimated concentration
 ND not detected
 PRG Environmental Protection Agency Region 9 preliminary remediation goal
 Res. residential

Table 6.30
Soil Inorganic Analytical Data
Exceedences for PSC RW-02
Luke AFB, Arizona

Sample Date	Location	Depth (ft bgs)	Inorganic Constituents						
			Arsenic				Lead		
			ASRL		PRG		ASRL	PRG	
			Res 10.0	Ind. 10.0	Res. 0.39	Ind. 1.60	Res. 400	Ind. 2000	
03/03/93	02-SB-03	18-20	18.0				13.0		
	02-SB-04	8-10	9.00				16.0		
		18-20	30.0				13.0		
03/02/93	02-SB-05	8-10	7.00				33.0		
		18-20	12.0				14.0		
03/04/93	02-SB-07	0-2	7.00				8.00		
		8-10	19.0				9.00		
		18-20	10.0				11.0		
	02-SB-08	0-2	9.00				14.0		
		8-10	7.00				57.0		
		18-20	18.0				11.0		
	02-SB-09	0-2		8.00				14.0 J	
				8.00				30.0 J	
		8-10	13.0				14.0		
	18-20	12.0				8.0			
10/31/91	02-TP-02	1-4	15.0				414		
		10	6.00				15.0		
	02-TP-03	1-2	6.00				11.0		
		10	7.00				11.0		
11/01/91	02-TP-05	10	6.00				9.00		
11/04/91	02-TP-08	4	8.00				10.0		
	02-TP-09	10	ND				680		

Notes:

- Sample results are reported in milligrams per kilogram
- Shaded results exceed a standard
- Bold results indicate compound was detected

ASRL Arizona soil remediation level
ft bgs feet below ground surface
Ind. industrial
J estimated concentration
ND not detected
PRG Environmental Protection Agency Region 9 preliminary remediation goal
Res. residential