LSZ-58
high PID - 8 ppm
well 205-230 ft

W-12
increasing benzene
high - 35 µg/l
WT 1193
sulfate ~150 mg/l

LSZ-59
low PID

LSZ-53
PID <5 ppm
well screen 205-230 ft

UWBZ-28/LSZ-51
170-195 ft/215-225 ft
+ dye 185 ft
PID 1665 175 ft
225 ft - B-160 µg/kg
B - 270,000 µg/l ?

W-36
B - ~50 µg/l
high - 7400 µg/l 2015
1600 µg/l 11/1/16
820 µg/l 8/31/16
sulfate 10 mg/l
WT 1192.8

LSZ-54
PID 1-10 range
well 205-220 ft

LSZ-44
low PID throughout
B - 320 µg/l
205-220 ft

W-34
B - ~0.3 µg/l
high - 7200 µg/l 2015
sulfate 130 mg/l
WT 1191

LSZ-43
PID 1176 at 160 ft
PID 461 at 175 ft
B - 820 µg/l
210-225 ft

LSZ-28
B - 440 µg/l
sheen
5 gal recovered

LSZ-29
B - 580 µg/l
3 gal recovered

W-38
B - <0.40 µg/l
May 2015 high - 340 µg/l

W-30
NAPL
B - 3000 µg/l
WT 1193.5
sulfate 3.1 mg/l

LSZ-37
211 ft - PCE 24 µg/kg
211 ft - B-8700 µg/kg
B - 3100 µg/l
102 gal recovered

ST012-LSZ08
16.44 ft LNAPL

LSZ-17
B - 510 µg/l
50 gal recovered
0.2 ft LNAPL

LSZ-16
11 ft LNAPL

SB-19
PID 1179-1426 ppm
215-225 ft
no well installed

LSZ-9
B - 230 µg/l
0.1 ft LNAPL

LSZ-19
0.2 ft LNAPL

LSZ-4
0.04 ft LNAPL

LSZ-22
sheen

LSZ-14
B - 370 µg/l
61 gal recovered
0.2 ft LNAPL
0.5 ft 9/14

LSZ-33
65 gal

No impacts

LSZ-50
210-220 ft
210 ft B - 1300 µg/kg
2.2 ft LNAPL
+ dye 210 ft + dye 220 ft
bottom of borehole 220 ft
B - 5500 µg/l
1300 µg/l 11/1/16

LSZ-30
12 ft LNAPL

LSZ-40
95 gal

LSZ-05
9 ft LNAPL

LSZ-01
15 ft LNAPL

LSZ-13
9 ft LNAPL

LSZ-38
B - 2700 µg/l
15 gal recovered
1.2 ft

LSZ-15
100 gal recovered
sheen

LSZ-23
B - ~385 µg/l

ST012-LSZ06
70 gal recovered

LSZ-26
B - 6.5 µg/l

LSZ-42
36 gal recovered
0.04 ft LNAPL
0.5 ft 9/20

LSZ-49
210-220 ft
- LNAPL
+ dye 227 ft
B - 3200 µg/l
227 ft B - 12,000 µg/kg

LSZ-11
B - 1900 µg/l
10 gal recovered

LSZ-39
B - 7400 µg/l
80 gal recovered

LSZ-35
35 gal recovered
0.08 ft LNAPL

LSZ-45
220-230 ft
+ dye at 211 ft
B - 8700 µg/l
211 ft B - 8700 µg/kg

LSZ-36
B - 800 µg/l
86 gal recovered
+ 9 gal 10/12/16
0.04 ft LNAPL

LSZ-12
B - 320 µg/l
75 gal recovered
sheen

LSZ-57
PID 20-70 ppm
140-240 ft bgs
well 205-230 ft bgs

W-11
high B - 6900 µg/l
B - 2100 µg/l 9/7/16
WT 1193.5
sulfate 46 mg/l

UWBZ33/LSZ-48
170-190 ft
PID 1265 170 ft
PID 1604, + dye 175 ft
PID 406, + dye 190 ft
PID high to 225 ft

W-37
B - 11,000 µg/l
high 18,000 µg/l
sulfate 1.4 mg/l
WT 1191.9

W-24
high 15 µg/l 6/8/15
0.55 µg/l 9/6/16
WT 1191.9

LSZ-48
B - 2200 µg/l
2 gal recovered
sheen
210-230 ft

UWBZ32/LSZ-47
+ dye 213 ft
214 ft - B < 10,000 µg/kg
210-230 ft
B - 3.7 µg/l
B - 6.7 µg/l 10/10/16
2.11 ft LNAPL 11/3/16

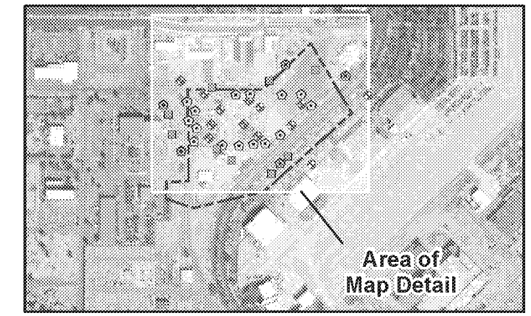
LSZ-56
PID 7.9 115 ft
all other <1
well 205-230 ft

LSZ-46
220-230 ft
+ dye 210 ft
PID 1710
B - 3900 µg/l
211 ft B<1900 µg/kg
- LNAPL

LSZ-52
low PID
B - 14 µg/l 9/13/16
B - 0.32 µg/l 10/26/16

LSZ-60
low PID

ST012-W12
ST012-W36
ST012-LSZ44-EBR
ST012-W34
ST012-LSZ43-EBR
ST012-UWBZ28-EBR/LSZ51-EBR
ST012-LSZ08
ST012-LSZ17
ST012-LSZ28
ST012-LSZ18
ST012-LSZ29
ST012-W38
ST012-LSZ37
ST012-W30
ST012-LSZ03
ST012-LSZ22
ST012-LSZ14
ST012-LSZ02
ST012-LSZ09
ST012-LSZ19
ST012-LSZ50-EBR
ST012-LSZ38
ST012-LSZ15
ST012-LSZ06
ST012-LSZ42
ST012-LSZ23
ST012-LSZ49-EBR
ST012-LSZ10
ST012-LSZ25
ST012-LSZ26
SB18
ST012-LSZ39
ST012-LSZ35
ST012-LSZ11
ST012-LSZ36
ST012-LSZ12
ST012-W11
ST012-UWBZ33-EBR/LSZ48-EBR
ST012-LSZ45-EBR
ST012-UWBZ32-EBR/LSZ47-EBR
ST012-W37
ST012-W24
ST012-LSZ46-EBR



Legend

- Proposed Extraction Well Location
- Proposed Injection Well Location
- Extraction Well Location
- Injection Well Location
- Groundwater Monitoring Well Location
- Fence Line
- ST012 Site Boundary
- WT Water Table Elevation

Notes:

ST012-MW12 Monitoring Well Identification
EBR Enhanced Bioremediation
LSZ Lower Saturated Zone

0 25 50 100 Feet

N

Draft Final Addendum #2
Remedial Design/Remedial Action
Work Plan
Site ST012 - Former Williams Air Force Base
Mesa, Arizona

EBR Injection, Extraction, and Monitoring Well Locations - LSZ

FIGURE 3-3

Job No.: 9101110001
PM: DS
Date: 3/8/2016
Scale: 1" = 100'

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