Evaluation Summary for Potential Additional Monitoring Wells

ST012, Former Williams AFB

Zone	Proposed by EPA well	Proposed EPA Location	Primary Purpose based on Call/Discussion	EPA Priority[1]
CZ	Location 1	E of CZ23 See figure	Containment monitoring beyond CZ23	High
CZ	Location 2	N of CZ023, see figure	Containment monitoring beyond CZ23 and downgradient of LSZ53 area where boring had mixed results	Medium
CZ	Location 3	E of CZ21	Earlier detection of VOC or sulfate displacement from injections	High
CZ	Location 4	E-SE of CZ09	Earlier detection of VOC or sulfate displacement from injections	High
UWBZ	Location 1	E of UWBZ09	Containment Monitoring beyond UWBZ09	High
UWBZ	Location 2	E -NE of UWBZ12	Earlier detection of VOC or sulfate displacement from injections	Medium
UWBZ	Location 3	NE of UWBZ32	Earlier detection of VOC or sulfate displacement from injections	Lower
UWBZ	Location 4	E of UWBZ21	Earlier detection of VOC or sulfate displacement from injections	High
UWBZ	Location 5	E of UWBZ30 (SB18)	Containment Monitoring beyond UWBZ30	High
LSZ	Location 1	NE of LSZ44	Containment monitoring in gap between W34 and LSZ54 (Moved closer to 5 ppb line per ADEQ)	High
LSZ	Location 2	E of LSZ29	Plume displacement, containment monitoring	Medium
LSZ	Location 3	SB18 co- locate with UWBZ location 5	Earlier detection of VOC or sulfate displacement from injections	High
LSZ	Location 4	NE of W36	Earlier detection of VOC or sulfate displacement from injections	High
LSZ	Location 5	NE of W36	Combined with 4	Eliminate
LSZ	Location 6	S of LSZ46	discussed on call to address potential characterization gap	Low
LSZ	Location 7	W of W30 and SB19	discussed on call to address potential characterization in area of SB19	Medium

Notes:

[1]High – concurrent implementation with pilot injections, Medium – 6-9 months after pilot injections, Low – 9-12 months after pilot injections. Locations and priority will continue to be evaluated as additional site data is received.

[2]Modifications also consider the Pilot Study injection-extraction modifications based on the current benzene distributions at the site.