

Table 3-3. Sample Analysis Matrix

Well ID	# of Field Samples	Sample ID ^a	VOCs	TAL Metals	TAL Metals (Filtered)	SVOCs ^d (select)	Explosives	Nitrate/ Nitrite	Perchlorate
Method:			8260C	6010C/ 6020A/ 7470A	6010C/ 6020A/ 7470A	8270D	8330B	9056A	6860A
Existing Monitoring and Background Wells									
BGMW05	1	BGMW05ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
BGMW06	1	BGMW06ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW02	1	CMW02ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW04	1	CMW04ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW22	1	CMW22ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW23	1	CMW23ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW24	1	CMW24ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW25	1	CMW25ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW26	1	CMW26ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW27B	1	CMW27BddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW28B	1	CMW28BddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW31B	1	CMW31BddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW32	1	CMW32ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW35	1	CMW35ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW36A	1	CMW36AddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW36B	1	CMW36BddmmYYYY	✓	✓	✓	✓	✓	✓	✓
KMW09	1	KMW09ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
KMW10	1	KMW10ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
KMW11	1	KMW11ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
KMW12	1	KMW12ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
KMW13	1	KMW13ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
KMW15B	1	KMW15BddmmYYYY	✓	✓	✓	✓	✓	✓	✓
KMW16	1	KMW16ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
Newly Installed Replacement Monitoring and Background Wells									
BGMW14	1	BGMW14ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
BGMW16	1	BGMW16ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW43	1	CMW43ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW45	1	CMW45ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
Proposed Replacement Monitoring and Background Wells									
BGMW15	1	BGMW15ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW37	1	CMW37ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW38	1	CMW38ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW39	1	CMW39ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW40	1	CMW40ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW41	1	CMW41ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW42	1	CMW42ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW44	1	CMW44ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW46	1	CMW46ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
CMW47	1	CMW47ddmmYYYY	✓	✓	✓	✓	✓	✓	✓
Total Field Samples			37						
Total duplicate samples ^b			4						
Total matrix spike samples ^c			2						
Total matrix spike duplicate samples ^c			2						

Notes:

- Equipment blanks will be collected prior to initial sampling and for each week of sampling. Equipment blanks will be numbered sequentially as collected in the field.
- The most current version of each analytical method will be applied at the time of sample collection

^a = Sample IDs will have the well name, plus the numerical day, month, and year the sample was collected. Duplicates will be named DUP##ddmmYYYY to prevent matching the duplicates to the primary samples, numbered consecutively from DUP01ddmmYYYY. Matrix spikes will have the suffix "MS" and matrix spike duplicates will have the suffix of

^b = One duplicate will be collected at a rate of 10% of the total field samples collected (1 per 10).

^c = Matrix spike and matrix spike duplicates will be collected at a rate of 5% of the total field samples collected (1 per 20).

Acronyms and Abbreviations:

= number

EPA = U.S. Environmental Protection Agency

ID = identification

ddmmYYYY = two digit day, two digit month, four digit year

VOC = volatile organic compounds

TAL = target analyte list

^d - Select SVOCs include: 2,4-dinitrophenol 3&4 methylphenol
2,4-dinitrotoluene 4,6-dinitro-2-methylphenol
2,6-dinitrotoluene diethyl phthalate
2-nitrophenol nitrobenzene

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