Universal Propulsion Company
2010 Annual Monitoring Report

Tables

ARCADIS

3994003

Table 1
UPCO Monitor Well Information

Well ID	Longitude	Latitude	ADWR Number	Total Casing Depth (feet bgs)	Screened Interval (feet bgs)	Measuring Point Elevation *** (feet amsl)
MW-1	112°04'13.76"W	33°42'47.61"N	55-201495	240	190-240	1557.22 [1560.43]
MW-2	112°04'13.03"W	33°42'53.39"N	55-201494	250	200-250	1567.62 [1571.22]
MW-3	112°04'20.91"W	33°43'03.49"N	55-204197	271	221-271	1583.59
MW-4	112°04'01.27"W	33°43'06.49"N	55-204196	300	245-295	1620.34
MW-5	112°04'04.97"W	33°42'58.13"N	55-204195	285	230-280	1590.45 [1594.08]
MW-6	112°04'25.09"W	33°42'50.47"N	55-204194	210	155-205	1548.22 [1551.65]
MW-7	112°04'26.79"W	33°42'42.34"N	55-205001	210	155-205	1541.35
MW-8	112°04'11.43"W	33°42'38.66"N	55-205002	235	180-230	1542.18
MW-9	112°04'00.37"W	33°42'38.46"N	55-901548	255	200-250	1565.60
MW-10	112°04'36.07"W	33°42'47.49"N	55-901549	205	150-200	1536.11
MW-11	112°04'02.46"W	33°42'54.85"N	55-903736	315	260-310	1603.35 [1606.14]
MW-12	112°04'13.93"W	33°42'88.09"N	55-903737	480	450-480	1557.46 [1560.91]
MW-13	112°04'02.97"W	33°42'59.55"N	55-217221	490	440-490	1595.77 [1599.52]
MW-14	112°04'13.66"W	33°43'10.34"N	55-217222	500	445-495	1602.48
MW-15	112°04'13.82"W	33°43'09.86"N	55-217223	325	270-320	1600.48
MW-18	112°04'21.74"W	33°42'37.32"N	55-911047	230	175-225	1533.53
SVMW-1*	112°04'17.61"W	33°42'52.99"N	55-909947	200**	30 - 40 90 - 100 140 - 150 190 - 200	NA
Production Well (PW-1)	112°04'24.00"W	33°42'51.40"N	55-500290	500	420-480	1554.55

Notes:

Monitor wells MW-16, MW-17, and MW-19 installation proposed but not installed.

* = SVMW-1 is a Soil Vapor Montioring Well constructed above groundwater level

** = Total depth of the nested well

*** = Measuring points were resurveyed on September 28, 2009 at wells MW-1, MW-2, MW-5, MW-6, MW-12, and MW-13 and on June 10, 2010 at MW-11 after monument installation, revised elevation is indicated in brackets.

NA = Not applicable

amsl = Above mean sea level

Table 2
Private Well Information

Address	ADWR Well Registraiton ID	Well Use	Date Installed	Well Depth (Feet)	Measuring Point Elevation (feet amsl)
616/604 E. YEARLING	NA	Domestic	NA	NA	NA
520 E. YEARLING	NA	Domestic	NA	NA	1635.71
424 E. YEARLING	NA	Domestic	NA	NA	NA
412 E. YEARLING	NA	Domestic	NA	NA	NA
218 E. YEARLING	55-207497*	Domestic	2/28/2006	415	1617.01
204 E. YEARLING	NA	Domestic	NA	NA	NA
25903 N. 2ND ST	NA	Domestic	NA	NA	NA
25825 N. 1ST PLACE	55-557685	Domestic	7/22/1996	495	NA
16 E. YEARLING	55-578534	Domestic	1/26/2000	738	NA
18 E. YEARLING	55-212662	Domestic	5/14/2007	520	1596.79
8 W. YEARLING	55-205738	Domestic	12/2/2005	260	NA
106 W. YEARLING	55-583418	Domestic	1/9/2001	440	NA
122 W. YEARLING	NA	Domestic	NA	NA	NA

Notes:
NA = not available or corresponding ADWR registry number could not be identified with the current owner or address.
* = Replacement well installed in 2006

Table 3
UPCO Monitor Wells Sampled and Analyses Performed in 2010

Sample ID	Date	Laboratory ID	Analytes and EPA Method					
			Metals		Perchlorate		Volatile Organic Compounds	
			200.8	245.1	314.0	332.0	8260B	8260B-SIM
MW-1	01/25/10	PTA1143-04	X	X	X		X	X
	06/14/10	PTF0841-01			X			
MW-2	01/25/10	PTA1143-05	X	X	X		X	X
	06/14/10	PTF0841-03			X			
MW-3	01/20/10	PTA0939-05	X	X	X		X	X
	01/20/10	PTA0942-01				X		
MW-4	01/20/10	PTA0939-04	X	X	X		X	X
	01/20/10	PTA0941-01				X		
MW-5	01/25/10	PTA1143-03	X	X	X		X	X
	06/14/10	PTF0841-04			X			
MW-6	01/20/10	PTA0939-01	X	X	X		X	X
	06/15/10	PTF0911-01			X			
MW-7	01/22/10	PTA1099-03	X	X	X		X	X
	01/22/10	PTA1100-01				X		
MW-8	01/20/10	PTA0939-07	X	X	X		X	X
	01/20/10	PTA0944-01				X		
MW-9	01/20/10	PTA0939-06	X	X	X		X	X
	01/20/10	PTA0943-01				X		
MW-10	01/20/10	PTA0939-08	X	X	X		X	X
	01/20/10	PTA0945-01				X		
MW-11	01/21/10	PTA1040-03	X	X	X		X	X
	01/21/10	PTA1038-01				X		
MW-12	01/21/10	PTA1040-04	X	X			X	X
	01/21/10	PTA1040-04RE1			X			
	01/21/10	PTA1039-01				X		
MW-13	01/22/10	PTA1099-05	X	X	X		X	
	06/15/10	PTF0911-02			X			
MW-14	01/20/10	PTA0939-09	X	X	X		X	X
	01/20/10	PTA0940-01				X		
MW-15	01/22/10	PTA1099-04	X	X	X		X	X
	01/22/10	PTA1101-01				X		
MW-18	01/27/10	PTA1251-03	X	X	X		X	X
	01/27/10	PTA1252-01				X		

Notes:
EPA test method 200.8 used for arsenic, barium, cadium, chromium, lead, selenium, silver, calcium, magnesium, potasium and sodium analyses
EPA test method 245.1 used for mercury analysis
EPA test methods 314.0 and 332.0 used for perchlorate analyses
EPA test method 8260B used for volatile organic compound analyses
EPA test method 8260B-SIM used for 1,4-dioxane analysis
Monitor wells MW-16, MW-17, and MW-19 are proposed but not installed

Table 4
2010 UPCO Monitor Well Water Levels

Well ID	Date	Depth to Water (ft)	Measuring Point Elevation (ft)	Groundwater Elevation (ft amsl)
MW-1	1/18/2010	212.47	1560.43	1347.96
	6/8/2010	211.75	1560.43	1348.68
	6/22/2010	211.76	1560.43	1348.67
MW-2	1/18/2010	223.25	1571.22	1347.97
	6/8/2010	222.57	1571.22	1348,65
	6/22/2010	222.57	1571.22	1348.65
MW-3	1/18/2010	238.35	1583.59	1345.24
	6/8/2010	239.06	1583.59	1344.53
	6/22/2010	239.16	1583.59	1344.43
MW-4	1/18/2010	275.97	1620.34	1344.37
	6/8/2010	276.21	1620.34	1344.13
	6/22/2010	276.35	1620.34	1343.99
MW-5	1/18/2010	245.76	1594.08	1348.32
	6/8/2010	245.39	1594.08	1348.69
	6/22/2010	245.38	1594.08	1348.70
MW-6	1/18/2010	167.37	1551.65	1384.28
	6/8/2010	162.94	1551.65	1388.71
	6/22/2010	162.17	1551.65	1389.48
MW-7	1/18/2010	162.03	1541.35	1379.32
	6/8/2010	162.04	1541.35	1379.31
	6/22/2010	162.16	1541.35	1379.19
MW-8	1/18/2010	194.2	1542.18	1347.98
	6/8/2010	193.56	1542.18	1348.62
	6/22/2010	193.62	1542.18	1348.56
MW-9	1/18/2010	216.94	1565.6	1348.66
	6/8/2010	216.85	1565.60	1348.75
	6/22/2010	216.92	1565.60	1348.68
MW-10	1/18/2010	154.02	1536.11	1382.09
	6/8/2010	154.47	1536.11	1381.64
	6/22/2010	154.54	1536.11	1381.57

Table 4
2010 UPCO Monitor Well Water Levels

Well ID	Date	Depth to Water (ft)	Measuring Point Elevation (ft)	Groundwater Elevation (ft amsl)
MW-11	1/18/2010	254.92	1603.35	1348.43
	6/8/2010	257.63	1606.14	1348.51
	6/22/2010	257.62	1606.14	1348.52
MW-12	1/18/2010	214.11	1560.91	1346.80
	6/8/2010	213.38	1560.91	1347.53
	6/22/2010	213.38	1560.91	1347.53
MW-13	1/18/2010	251.13	1599.52	1348.39
	6/8/2010	250.83	1599.52	1348.69
	6/22/2010	250.87	1599.52	1348.65
MW-14	1/18/2010	266.03	1602.48	1336.45
	6/8/2010	266.04	1602.48	1336.44
	6/22/2010	266.49	1602.48	1335.99
MW-15	1/18/2010	264.39	1600.48	1336.09
	6/8/2010	264.50	1600.48	1335.98
	6/22/2010	264.68	1600.48	1335.80
MW-18	1/18/2010	129.84	1533.53	1403.69
	6/8/2010	129.81	1533.53	1403.72
	6/22/2010	129.85	1533.53	1403.68
PW-1	1/18/2010	213.10	1554.55	1341.45
	6/8/2010	208.96	1554.55	1345.59
	6/22/2010	208.89	1554.55	1345.66

Notes:
Measuring points were resurveyed on September 28, 2009 at wells MW-1, MW-2, MW-5, MW-6, MW-12, and MW-13.
Measuring point was resurveyed on June 10, 2010 at well MW-11.
Monitor wells MW-16, MW-17, and MW-19 are proposed but not installed
ft = feet
amsl = Above mean sea level

Table 5
Private Wells Sampled and Analyses Performed in 2010

Sample ID	Date Collected	Laboratory ID	EPA Method	
			314.0	332.0
616/604 E. Yearling	06/17/10	PTF1091-01	X	
	06/17/10	PTF1106-01		X
520 E. Yearling	06/17/10	PTF1092-01	X	
	06/17/10	PTF1107-01		X
424 E. Yearling	06/17/10	PTF1089-01	X	
	06/17/10	PTF1105-01		X
412 E. Yearling	06/17/10	PTF1093-01	X	
	06/17/10	PTF1108-01		X
204 E. Yearling	06/17/10	PTF1084-01	X	
	06/17/10	PTF1098-01		X
25903 N. 2nd St.	06/17/10	PTF1094-01	X	
	06/17/10	PTF1110-01		X
25825 N. 1st Pl.	06/16/10	PTF1009-01	X	
	06/16/10	PTF1010-01		X
16 E. Yearling	06/17/10	PTF1085-01	X	
	06/17/10	PTF1099-01		X
18 E. Yearling	06/17/10	PTF1082-01	X	
	06/17/10	PTF1097-01		X
8 W. Yearling	06/17/10	PTF1087-01	X	
	06/17/10	PTF1103-01		X
122 W. Yearling	06/17/10	PTF1095-01	X	
	06/17/10	PTF1111-01		X

Notes:
EPA test methods 314.0 and 332.0 used for perchlorate analyses
218 East Yearling was not sampled; unable to gain access to well after 2 attempts to contact resident.
106 West Yearling was reportedly purchasing water due to insufficient well production prior to and during the second quarter 2010 sampling event.

Table 6
2010 UPCO Monitor Well Perchlorate Results

Sample ID	Date	Perchlorate (ug/L)	
		EPA 314.0	EPA 332.0
MW-1	01/25/10	69	NA
	06/14/10	78	NA
MW-2	01/25/10	90	NA
	06/14/10	94	NA
MW-3	01/20/10	<2.0	0.47 J
MW-4	01/20/10	<2.0	0.49 J
MW-5	01/25/10	32	NA
	06/14/10	27	NA
MW-6	01/20/10	16	NA
	06/15/10	19	NA
MW-7	01/22/10	<2.0	0.51 J
MW-8	01/20/10	<2.0	0.93 J
MW-9	01/20/10	<2.0	0.64 J
MW-10	01/20/10	<2.0	1.2 J
MW-11	01/21/10	2.0	2.1 J
MW-12	01/21/10	<2.0	1.1 J
MW-13	01/22/10	22	NA
	06/15/10	12	NA
MW-14	01/20/10	<2.0	0.98 J
MW-15	01/22/10	<2.0	0.86 J
MW-18	01/27/10	<2.0	<2.0 UJ

Notes:
NA = Not analyzed
< = Analyte not detected above the listed laboratory reporting limit
J = Analyte was positively identified, however the result should be considered an estimated value
UJ = The reporting limit is considered an estimated value
ug/L = Micrograms per liter

Table 7
2010 Private Well Perchlorate Results

Sample ID	Date	Perchlorate (ug/L)	
		EPA 314.0	EPA 332.0
616/604 E. Yearling	06/17/10	<2.0	0.91 J
520 E. Yearling	06/17/10	<2.0	1.2 J
424 E. Yearling	06/17/10	<2.0	1.1 J
412 E. Yearling	06/17/10	<2.0	1.0 J
204 E. Yearling	06/17/10	<2.0	0.62 J
25903 N. 2nd St.	06/17/10	<2.0	0.65 J
25825 N. 1st Pl.	06/16/10	<2.0	0.89
16 E. Yearling	06/17/10	<2.0	0.58 J
18 E. Yearling	06/17/10	<2.0	0.81 J
8 W. Yearling	06/17/10	<2.0	0.62 J
106 W. Yearling*	06/17/10	NA	NA
218 E. Yearling**	06/17/10	NA	NA
122 W. Yearling	06/17/10	<2.0	0.65 J

Notes:

* = 106 West Yearling was reportedly purchasing water due to insufficient well production prior to and during the second quarter 2010 sampling event.

** = 218 East Yearling was not sampled; unable to gain access to well after 2 attempts to contact resident.

ug/L = Micrograms per liter

< = Analyte not detected above the listed laboratory reporting limit

J = Analyte was positively identified, however the result should be considered an estimated value

NA=Not analyzed

Table 8
Soil Vapor Monitor Well (SVMW-1) Results

Parameter	SVMW-1-30-40	SVMW-1-90-100	SVMW-1-140-150	SVMW-1-190-200
	6/16/2010	6/16/2010	6/16/2010	6/16/2010
Volatile Organic Compounds (ppbv)				
1,1,1-Trichloroethane	<7.6	<7.4	<7.4	<7.4
1,1,2,2-Tetrachloroethane	<7.6	<7.4	<7.4	<7.4
1,1,2-Trichloroethane	<7.6	<7.4	<7.4	<7.4
1,1-Dichloroethane	<7.6	13	<7.4	<7.4
1,1-Dichloroethene	650	11000	620	330
1,2,4-Trichlorobenzene	<30	<30	<29	<30
1,2,4-Trimethylbenzene	<7.6	<7.4	<7.4	<7.4
1,2-Dibromoethane (EDB)	<7.6	<7.4	<7.4	<7.4
1,2-Dichlorobenzene	<7.6	<7.4	<7.4	<7.4
1,2-Dichloroethane	<7.6	<7.4	<7.4	<7.4
1,2-Dichloropropane	<7.6	<7.4	<7.4	<7.4
1,3,5-Trimethylbenzene	<7.6	<7.4	<7.4	<7.4
1,3-Butadiene	<7.6	<7.4	<7.4	<7.4
1,3-Dichlorobenzene	<7.6	<7.4	<7.4	<7.4
1,4-Dichlorobenzene	<7.6	<7.4	<7.4	<7.4
2,2,4-Trimethylpentane	<7.6	<7.4	<7.4	<7.4
2-Butanone (MEK)	66 J	37 J	73 J	40 J
2-Hexanone	<15	<15	<15	<15
2-Propanol	<30	<30	<29	<30
4-Ethyltoluene	<7.6	<7.4	<7.4	<7.4
4-Methyl-2-pentanone (MIBK)	<15	<15	<15	<15
Acetone	740 J	280 J	710 J	380 J
Allyl Chloride	<7.6	<7.4	<7.4	<7.4
Benzene	<7.6	<7.4	<7.4	<7.4
Benzyl Chloride	<30	<30	<29	<30
Bromodichloromethane	<7.6	<7.4	<7.4	<7.4
Bromoethene(Vinyl Bromide)	<7.6	<7.4	<7.4	<7.4
Bromoform	<7.6	<7.4	<7.4	<7.4
Bromomethane	<7.6	<7.4	<7.4	<7.4
Carbon disulfide	<7.6	<7.4	<7.4	<7.4
Carbon tetrachloride	<7.6	<7.4	<7.4	<7.4
Chlorobenzene	<7.6	<7.4	<7.4	<7.4
Chloroethane	<7.6	<7.4	<7.4	<7.4
Chloroform	<7.6	<7.4	<7.4	<7.4
Chloromethane	<7.6	<7.4	<7.4	<7.4
cis-1,2-Dichloroethene	<7.6	<7.4	<7.4	<7.4
cis-1,3-Dichloropropene	<7.6	<7.4	<7.4	<7.4
Cyclohexane	<7.6	<7.4	<7.4	<7.4
Dibromochloromethane	<7.6	<7.4	<7.4	<7.4
Dichlorodifluoromethane	<7.6	<7.4	<7.4	<7.4
Dichlorotetrafluoroethane(F-114)	<7.6	<7.4	<7.4	<7.4
Ethyl Acetate	<7.6	<7.4	<7.4	<7.4
Ethylbenzene	<7.6	<7.4	<7.4	<7.4
Freon 113	<7.6	<7.4	<7.4	<7.4
Heptane	<7.6	<7.4	<7.4	<7.4

Table 8
Soil Vapor Monitor Well (SVMW-1) Results

Parameter	SVMW-1-30-40	SVMW-1-90-100	SVMW-1-140-150	SVMW-1-190-200
	6/16/2010	6/16/2010	6/16/2010	6/16/2010
Volatile Organic Compounds (ppbv)				
Hexachlorobutadiene	<15	<15	<15	<15
Hexane	<7.6	<7.4	<7.4	<7.4
Isopropylbenzene	<7.6	<7.4	<7.4	<7.4
m,p-Xylenes	<15	<15	<15	<15
Methylene Chloride	<7.6	<7.4	<7.4	<7.4
Methyl-tert-butyl Ether (MTBE)	<15	<15	<15	<15
Naphthalene	<76	<74	<74	<74
n-Butylbenzene	<7.6	<7.4	<7.4	<7.4
n-Nonane	<7.6	<7.4	<7.4	<7.4
n-Octane	<7.6	<7.4	<7.4	<7.4
n-Propylbenzene	<7.6	<7.4	<7.4	<7.4
o-Xylene	<7.6	<7.4	<7.4	<7.4
Propene	<7.6	<7.4	<7.4	<7.4
sec-Butylbenzene	<7.6	<7.4	<7.4	<7.4
Styrene	<7.6	<7.4	<7.4	<7.4
tert-Butylbenzene	<7.6	<7.4	<7.4	<7.4
Tetrachloroethene	420	640	240	87
Tetrahydrofuran	<30	<30	<29	<30
Toluene	<7.6	11	<7.4	<7.4
trans-1,2-Dichloroethene	<7.6	<7.4	<7.4	<7.4
trans-1,3-Dichloropropene	<7.6	<7.4	<7.4	<7.4
Trichloroethene	<7.6	31	<7.4	<7.4
Trichlorofluoromethane	<7.6	<7.4	<7.4	<7.4
Vinyl Acetate	<7.6	<7.4	<7.4	<7.4
Vinyl chloride	<7.6	<7.4	<7.4	<7.4

Notes:

< = Analyte was not detected above the listed laboratory reporting limit

J = Analyte was positively identified, however the result should be considered an estimated value

ppbv = Parts per billion by volume

Table 9
Proposed 2011 UPCO Sampling and Analysis Schedule

Well ID	Water levels	Quarter Sampled in 2011	Analyses Performed		
			Perchlorate	Metals	VOCs
MW-1	Conducted on a monthly basis	1	X (314.0)	X (200.8)	X
		2	X (314.0)		
		3	X (314.0)		X
		4	X (314.0)		
MW-2	Conducted on a monthly basis	1	X (314.0)	X (200.8)	X
		2	X (314.0)		
		3	X (314.0)		X
		4	X (314.0)		
MW-3	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332)		
		4			
MW-4	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332)		
		4			
MW-5	Conducted on a monthly basis	1	X (314.0)	X (200.8)	X
		2	X (314.0)		
		3	X (314.0)		
		4	X (314.0)		
MW-6	Conducted on a monthly basis	1	X (314.0)	X (200.8)	X
		2	X (314.0)		
		3	X (314.0)		
		4	X (314.0)		
MW-7	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332)		
		4			
MW-8	Conducted on a monthly basis	1	X (314 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332)	X (200.8)	
		4			

Table 9
Proposed 2011 UPCO Sampling and Analysis Schedule

Well ID	Water levels	Quarter Sampled in 2011	Analyses Performed		
			Perchlorate	Metals	VOCs
MW-9	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332)		
		4			
MW-10	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332)		
		4			
MW-11	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332)		
		4			
MW-12	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332)		
		4			
MW-13	Conducted on a monthly basis	1	X (314.0)	X (200.8)	X
		2	X (314.0)		
		3	X (314.0)		
		4	X (314.0)		
MW-14	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332)		
		4			
MW-15	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332)		
		4			
MW-16 ***	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332**)		
		4			

Table 9
Proposed 2011 UPCO Sampling and Analysis Schedule

Well ID	Water levels	Quarter Sampled in 2011	Analyses Performed		
			Perchlorate	Metals	VOCs
MW-17 ***	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332**)		
		4			
MW-18	Conducted on a monthly basis	1	X (314.0 & 332)	X (200.8)	X
		2			
		3	X (314.0 & 332)	X (200.8)	
		4			
MW-19***	Conducted on a monthly basis	1	X (314.0)	X (200.8)	X
		2	X (314.0)		
		3	X (314.0)		
		4	X (314.0)		
PW-1	Conducted on a monthly basis	1	X (314.0)	X (200.8)	X
		2	X (314.0)		
		3	X (314.0)		X
		4	X (314.0)		
SVMW-1*	Conducted on a monthly basis	1			X (TO-15)
		2			X (TO-15)
		3			X (TO-15)
		4			X (TO-15)
Private Wells	Conducted on a monthly basis****	1	X (314.0 & 332)		
		2			
		3	X (314.0 & 332)		
		4			

Notes:
Perchlorate = Test as indicated
Metals = Arsenic, barium, cadmium, chromium, lead, mercury (245.1), selenium, silver, and as noted
VOCs = Volatile organic compounds include 8260B list and 1,4-dioxane. Soil gas samples analyzed by Method TO-15
* = Soil vapor monitoring well with sample collection in 1 liter Summa cannisters
** = Perchlorate analysis using EPA Method 332 is dependent on initial results < 2.0 micrograms per liter
*** = MW-16, MW-17, and MW-19 will be sampled for Ca, Mg, K, Na, (200.7); Cl, SO4, NO3/NO2 (E300); carbonate/bicarbonate/hydroxide alkalinity (M2320 B); and total dissolved solids (M2540 C) during the first scheduled sampling event after well installation. Sampling schedule is based on anticipated installation schedule and projected perchlorate concentrations detected in each well. If perchlorate is detected in MW-16 or MW-17, the sampling frequency will be increased to quarterly.
**** = Water levels for private wells will be conducted at 218 E. Yearling and 520 E. Yearling