

Facility #4 West A Consolidation Flowline (459299)

Soil to Groundwater				benzene	toluene	ethylbenzene	Xylenes (total)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
COGCC Table 915-1 Concentration Levels				0.0026	0.69	0.78	9.9	0.0081	0.0087
1.25*Background				0.0026	0.69	0.78	9.9	0.0081	0.0087
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample	Lab Sample ID	Sample Date	Background	benzene	toluene	ethylbenzene	Xylenes (total)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
B-1@2.5'	2206406-01	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-1@5'	2206406-02	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-2@2.5'	2206406-03	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-2@5'	2206406-04	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-3@2.5'	2206406-05	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-3@5'	2206406-06	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-4@2.5'	2206406-07	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-4@5'	2206406-08	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-5@2.5'	2206406-09	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-5@5'	2206406-10	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-6@2.5'	2206406-11	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-6@5'	2206406-12	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-7@2.5'	2206406-13	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-7@5'	2206406-14	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
E01@3'	1812100-05	12/5/2018	FALSE	ND	ND	0.0098	0.022		
E02@3.5'	1812100-06	12/7/2018	FALSE	ND	ND	0.12	0.16		
E03@3.5'	1812100-07	12/7/2018	FALSE	ND	ND	ND	ND		
N01@3'	1812100-04	12/5/2018	FALSE	ND	ND	0.31	1.2		
PB-10@2.5'	2206406-18	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-10@5'	2206406-19	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-11@2.5'	2206406-20	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-11@5'	2206406-21	6/23/2022	FALSE	ND	0.0088	0.31	1.6	1.5	0.074
PB-12@2.5'	2206406-22	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-12@5'	2206406-23	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-13@2.5'	2206406-24	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-13@5'	2206406-25	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-14@2.5'	2206406-26	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-14@5'	2206406-27	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-15@2.5'	2206406-28	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-15@5'	2206406-29	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-8@2.5'	2206406-15	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-9@2.5'	2206406-16	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-9@5'	2206406-17	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
S01@3.5'	1812100-08	12/7/2018	FALSE	ND	ND	ND	ND		
W01@3.5'	1812100-01	12/5/2018	FALSE	ND	ND	ND	ND		
W02@3.5'	1812100-02	12/5/2018	FALSE	0.0034	ND	3.2	16		
W03@3.5'	1812100-03	12/5/2018	FALSE	ND	ND	ND	ND		

Facility #4 West A Consolidation Flowline (459

Soil to Groundwater				benzene	naphthalene	Gasoline Range Hydrocarbons	C10-C28 (DRO)	C28-C36 (ORO)	TPH (Calculated)	acenaphthene
COGCC Table 915-1 Concentration Levels				0.0038	500	500	500	500	500	0.55
1.25*Background				0.0038	500	500	500	500	500	0.55
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample	Lab Sample ID	Sample Date	Background	naphthalene	Gasoline Range Hydrocarbons	C10-C28 (DRO)	C28-C36 (ORO)	TPH (Calculated)	acenaphthene	
B-1@2.5'	2206406-01	6/23/2022	FALSE	ND	ND	ND	ND		ND	
B-1@5'	2206406-02	6/23/2022	FALSE	ND	ND	ND	ND		ND	
B-2@2.5'	2206406-03	6/23/2022	FALSE	ND	ND	ND	ND		ND	
B-2@5'	2206406-04	6/23/2022	FALSE	ND	ND	52	ND	52	ND	
B-3@2.5'	2206406-05	6/23/2022	FALSE	ND	ND	ND	ND		ND	
B-3@5'	2206406-06	6/23/2022	FALSE	ND	ND	ND	ND		ND	
B-4@2.5'	2206406-07	6/23/2022	FALSE	ND	ND	ND	ND		ND	
B-4@5'	2206406-08	6/23/2022	FALSE	ND	ND	ND	ND		ND	
B-5@2.5'	2206406-09	6/23/2022	FALSE	ND	ND	ND	ND		ND	
B-5@5'	2206406-10	6/23/2022	FALSE	ND	ND	ND	ND		ND	
B-6@2.5'	2206406-11	6/23/2022	FALSE	ND	ND	ND	ND		ND	
B-6@5'	2206406-12	6/23/2022	FALSE	ND	0.94	ND	ND	0.94	ND	
B-7@2.5'	2206406-13	6/23/2022	FALSE	ND	ND	ND	ND		ND	
B-7@5'	2206406-14	6/23/2022	FALSE	ND	12	ND	ND	12	ND	
E01@3'	1812100-05	12/5/2018	FALSE		13	ND		13		
E02@3.5'	1812100-06	12/7/2018	FALSE		33	ND		33		
E03@3.5'	1812100-07	12/7/2018	FALSE		2.2	ND		2.2		
N01@3'	1812100-04	12/5/2018	FALSE		1100	290		1390		
PB-10@2.5'	2206406-18	6/23/2022	FALSE	ND	ND	ND	ND		ND	
PB-10@5'	2206406-19	6/23/2022	FALSE	ND	ND	ND	ND		ND	
PB-11@2.5'	2206406-20	6/23/2022	FALSE	ND	ND	ND	ND		ND	
PB-11@5'	2206406-21	6/23/2022	FALSE	0.043	30	ND	ND	30	ND	
PB-12@2.5'	2206406-22	6/23/2022	FALSE	ND	ND	ND	ND		ND	
PB-12@5'	2206406-23	6/23/2022	FALSE	ND	ND	ND	ND		ND	
PB-13@2.5'	2206406-24	6/23/2022	FALSE	ND	ND	ND	ND		ND	
PB-13@5'	2206406-25	6/23/2022	FALSE	ND	7.3	ND	ND	7.3	ND	
PB-14@2.5'	2206406-26	6/23/2022	FALSE	ND	ND	ND	ND		ND	
PB-14@5'	2206406-27	6/23/2022	FALSE	ND	ND	ND	ND		ND	
PB-15@2.5'	2206406-28	6/23/2022	FALSE	ND	ND	ND	ND		ND	
PB-15@5'	2206406-29	6/23/2022	FALSE	ND	ND	ND	ND		ND	
PB-8@2.5'	2206406-15	6/23/2022	FALSE	ND	0.71	ND	ND	0.71	ND	
PB-9@2.5'	2206406-16	6/23/2022	FALSE	ND	ND	ND	ND		ND	
PB-9@5'	2206406-17	6/23/2022	FALSE	ND	2.5	ND	ND	2.5	ND	
S01@3.5'	1812100-08	12/7/2018	FALSE		ND	ND				
W01@3.5'	1812100-01	12/5/2018	FALSE		6.8	ND		6.8		
W02@3.5'	1812100-02	12/5/2018	FALSE		770	ND		770		
W03@3.5'	1812100-03	12/5/2018	FALSE		3.7	ND		3.7		

Facility #4 West A Consolidation Flowline (459)

Soil to Groundwater				anthracene	benzo(a)anthracene	benzo(a)pyrene	benzo(b)fluoranthene	benzo(k)fluoranthene	chrysene
COGCC Table 915-1 Concentration Levels				5.8	0.011	0.24	0.3	2.9	9
1.25*Background				5.8	0.011	0.24	0.3	2.9	9
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample	Lab Sample ID	Sample Date	Background	anthracene	benzo(a)anthracene	benzo(a)pyrene	benzo(b)fluoranthene	benzo(k)fluoranthene	chrysene
B-1@2.5'	2206406-01	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-1@5'	2206406-02	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-2@2.5'	2206406-03	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-2@5'	2206406-04	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-3@2.5'	2206406-05	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-3@5'	2206406-06	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-4@2.5'	2206406-07	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-4@5'	2206406-08	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-5@2.5'	2206406-09	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-5@5'	2206406-10	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-6@2.5'	2206406-11	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-6@5'	2206406-12	6/23/2022	FALSE	ND	0.00969	ND	0.00669	ND	0.00726
B-7@2.5'	2206406-13	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-7@5'	2206406-14	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
E01@3'	1812100-05	12/5/2018	FALSE						
E02@3.5'	1812100-06	12/7/2018	FALSE						
E03@3.5'	1812100-07	12/7/2018	FALSE						
N01@3'	1812100-04	12/5/2018	FALSE						
PB-10@2.5'	2206406-18	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-10@5'	2206406-19	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-11@2.5'	2206406-20	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-11@5'	2206406-21	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-12@2.5'	2206406-22	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-12@5'	2206406-23	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-13@2.5'	2206406-24	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-13@5'	2206406-25	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-14@2.5'	2206406-26	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-14@5'	2206406-27	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-15@2.5'	2206406-28	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-15@5'	2206406-29	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-8@2.5'	2206406-15	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-9@2.5'	2206406-16	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-9@5'	2206406-17	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
S01@3.5'	1812100-08	12/7/2018	FALSE						
W01@3.5'	1812100-01	12/5/2018	FALSE						
W02@3.5'	1812100-02	12/5/2018	FALSE						
W03@3.5'	1812100-03	12/5/2018	FALSE						

Facility #4 West A Consolidation Flowline (459)

Soil to Groundwater				dibenzo(a,h)anthracene	fluoranthene	fluorene	indeno(1,2,3-cd)pyrene	pyrene	1-methylnaphth
COGCC Table 915-1 Concentration Levels				0.096	8.9	0.54	0.98	1.3	0.006
1.25*Background				0.096	8.9	0.54	0.98	1.3	0.006
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample	Lab Sample ID	Sample Date	Background	dibenzo(a,h)anthracene	fluoranthene	fluorene	indeno(1,2,3-cd)pyrene	pyrene	1-methylnaphthalene
B-1@2.5'	2206406-01	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-1@5'	2206406-02	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-2@2.5'	2206406-03	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-2@5'	2206406-04	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-3@2.5'	2206406-05	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-3@5'	2206406-06	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-4@2.5'	2206406-07	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-4@5'	2206406-08	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-5@2.5'	2206406-09	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-5@5'	2206406-10	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-6@2.5'	2206406-11	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-6@5'	2206406-12	6/23/2022	FALSE	ND	0.0381	ND	ND	0.0312	ND
B-7@2.5'	2206406-13	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
B-7@5'	2206406-14	6/23/2022	FALSE	ND	0.00506	ND	ND	0.00829	ND
E01@3'	1812100-05	12/5/2018	FALSE						
E02@3.5'	1812100-06	12/7/2018	FALSE						
E03@3.5'	1812100-07	12/7/2018	FALSE						
N01@3'	1812100-04	12/5/2018	FALSE						
PB-10@2.5'	2206406-18	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-10@5'	2206406-19	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-11@2.5'	2206406-20	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-11@5'	2206406-21	6/23/2022	FALSE	ND	ND	ND	ND	0.00531	0.03
PB-12@2.5'	2206406-22	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-12@5'	2206406-23	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-13@2.5'	2206406-24	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-13@5'	2206406-25	6/23/2022	FALSE	ND	0.00617	ND	ND	0.00762	ND
PB-14@2.5'	2206406-26	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-14@5'	2206406-27	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-15@2.5'	2206406-28	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-15@5'	2206406-29	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-8@2.5'	2206406-15	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-9@2.5'	2206406-16	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
PB-9@5'	2206406-17	6/23/2022	FALSE	ND	ND	ND	ND	ND	ND
S01@3.5'	1812100-08	12/7/2018	FALSE						
W01@3.5'	1812100-01	12/5/2018	FALSE						
W02@3.5'	1812100-02	12/5/2018	FALSE						
W03@3.5'	1812100-03	12/5/2018	FALSE						

Facility #4 West A Consolidation Flowline (459

Soil to Groundwater				alene	2-methylnaphthalene	Boron	arsenic	barium	cadmium	copper
COGCC Table 915-1 Concentration Levels				0.019	2	0.29	82	0.38	46	
1.25*Background				0.019	2	0.29	82	0.38	46	
Units				mg/kg	mg/L	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry
Sample	Lab Sample ID	Sample Date	Background	2-methylnaphthalene	Boron	arsenic	barium	cadmium	copper	
B-1@2.5'	2206406-01	6/23/2022	FALSE	ND	1.55	2.81	117	ND	14.5	
B-1@5'	2206406-02	6/23/2022	FALSE	ND	0.231	2.45	89.4	ND	12.6	
B-2@2.5'	2206406-03	6/23/2022	FALSE	ND	2.05	4.32	124	0.254	16.1	
B-2@5'	2206406-04	6/23/2022	FALSE	ND	0.176	2.44	82.1	ND	13.5	
B-3@2.5'	2206406-05	6/23/2022	FALSE	ND	1.57	4.64	137	0.37	17	
B-3@5'	2206406-06	6/23/2022	FALSE	ND	0.179	3.84	108	ND	19.1	
B-4@2.5'	2206406-07	6/23/2022	FALSE	ND	0.623	3.89	85.6	ND	11.1	
B-4@5'	2206406-08	6/23/2022	FALSE	ND	0.26	3.83	64.6	ND	15.3	
B-5@2.5'	2206406-09	6/23/2022	FALSE	ND	0.519	5.38	72	0.292	19.5	
B-5@5'	2206406-10	6/23/2022	FALSE	ND	0.149	3.86	60.1	ND	8.62	
B-6@2.5'	2206406-11	6/23/2022	FALSE	ND	0.276	4.25	70	ND	7.86	
B-6@5'	2206406-12	6/23/2022	FALSE	ND	0.13	1.97	31.6	ND	9.13	
B-7@2.5'	2206406-13	6/23/2022	FALSE	ND	0.505	3.3	202	ND	17.6	
B-7@5'	2206406-14	6/23/2022	FALSE	ND	0.244	4.37	116	ND	15.2	
E01@3'	1812100-05	12/5/2018	FALSE							
E02@3.5'	1812100-06	12/7/2018	FALSE							
E03@3.5'	1812100-07	12/7/2018	FALSE							
N01@3'	1812100-04	12/5/2018	FALSE							
PB-10@2.5'	2206406-18	6/23/2022	FALSE	ND	2.32	4.02	144	0.376	14.6	
PB-10@5'	2206406-19	6/23/2022	FALSE	ND	0.219	3.56	122	ND	18.4	
PB-11@2.5'	2206406-20	6/23/2022	FALSE	ND	1.34	4.94	165	0.383	16.5	
PB-11@5'	2206406-21	6/23/2022	FALSE	0.0645	0.355	4.23	201	ND	22.3	
PB-12@2.5'	2206406-22	6/23/2022	FALSE	ND	0.646	4.49	177	0.414	12.2	
PB-12@5'	2206406-23	6/23/2022	FALSE	ND	0.215	8.12	98.7	ND	12.6	
PB-13@2.5'	2206406-24	6/23/2022	FALSE	ND	0.826	3.53	99.1	ND	14.3	
PB-13@5'	2206406-25	6/23/2022	FALSE	ND	0.372	3.85	92.9	ND	15	
PB-14@2.5'	2206406-26	6/23/2022	FALSE	ND	0.199	3.42	133	ND	14.8	
PB-14@5'	2206406-27	6/23/2022	FALSE	ND	0.793	1.41	56.2	ND	7.81	
PB-15@2.5'	2206406-28	6/23/2022	FALSE	ND	1.64	4.32	62	ND	16.2	
PB-15@5'	2206406-29	6/23/2022	FALSE	ND	0.279	2.43	154	ND	15.5	
PB-8@2.5'	2206406-15	6/23/2022	FALSE	ND	0.458	4.19	52.4	ND	17.5	
PB-9@2.5'	2206406-16	6/23/2022	FALSE	ND	0.51	1.35	ND	ND	6.06	
PB-9@5'	2206406-17	6/23/2022	FALSE	ND	0.27	1.17	33.5	ND	6.31	
S01@3.5'	1812100-08	12/7/2018	FALSE							
W01@3.5'	1812100-01	12/5/2018	FALSE							
W02@3.5'	1812100-02	12/5/2018	FALSE							
W03@3.5'	1812100-03	12/5/2018	FALSE							

Facility #4 West A Consolidation Flowline (459

Soil to Groundwater				lead	nickel	selenium	silver	zinc	chromium (Hex
COGCC Table 915-1 Concentration Levels				14	26	0.26	0.8	370	0.00067
1.25*Background				14	26	0.26	0.8	370	0.00067
Units				mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry
Sample	Lab Sample ID	Sample Date	Background	lead	nickel	selenium	silver	zinc	chromium (Hexavalent)
B-1@2.5'	2206406-01	6/23/2022	FALSE	11.5	14.2	1.13	0.0638	55.6	ND
B-1@5'	2206406-02	6/23/2022	FALSE	8.19	19.2	0.657	0.0404	55.4	ND
B-2@2.5'	2206406-03	6/23/2022	FALSE	13.1	16.5	1.05	0.0588	60.1	ND
B-2@5'	2206406-04	6/23/2022	FALSE	8.63	19.7	0.855	0.0416	58.2	ND
B-3@2.5'	2206406-05	6/23/2022	FALSE	13.9	19.4	0.946	0.0724	62.6	ND
B-3@5'	2206406-06	6/23/2022	FALSE	12.5	26.1	0.973	0.0727	75.4	ND
B-4@2.5'	2206406-07	6/23/2022	FALSE	10.4	15.4	0.761	0.0345	44.3	ND
B-4@5'	2206406-08	6/23/2022	FALSE	12.4	17.3	0.971	0.0494	58.2	ND
B-5@2.5'	2206406-09	6/23/2022	FALSE	13.3	20.8	1.57	0.0855	62	ND
B-5@5'	2206406-10	6/23/2022	FALSE	8.4	10.6	0.61	0.0329	34.1	ND
B-6@2.5'	2206406-11	6/23/2022	FALSE	8.14	12.3	0.672	0.0279	36.1	ND
B-6@5'	2206406-12	6/23/2022	FALSE	8.42	10.8	0.605	ND	36.3	ND
B-7@2.5'	2206406-13	6/23/2022	FALSE	11.8	21.5	0.938	0.0813	65.6	ND
B-7@5'	2206406-14	6/23/2022	FALSE	10.3	24.5	1.03	0.048	63.3	ND
E01@3'	1812100-05	12/5/2018	FALSE						
E02@3.5'	1812100-06	12/7/2018	FALSE						
E03@3.5'	1812100-07	12/7/2018	FALSE						
N01@3'	1812100-04	12/5/2018	FALSE						
PB-10@2.5'	2206406-18	6/23/2022	FALSE	11.5	15.2	0.9	0.0856	53.4	ND
PB-10@5'	2206406-19	6/23/2022	FALSE	11.7	25.5	0.883	0.0644	74.3	ND
PB-11@2.5'	2206406-20	6/23/2022	FALSE	13.8	18.2	0.978	0.0662	63	ND
PB-11@5'	2206406-21	6/23/2022	FALSE	14.2	19.1	1.09	0.0868	65.5	ND
PB-12@2.5'	2206406-22	6/23/2022	FALSE	9.78	15.7	0.767	0.0433	42.5	ND
PB-12@5'	2206406-23	6/23/2022	FALSE	10.5	13.5	0.91	0.034	46.4	ND
PB-13@2.5'	2206406-24	6/23/2022	FALSE	8.78	18.7	0.834	0.0518	54.3	ND
PB-13@5'	2206406-25	6/23/2022	FALSE	9.69	20	0.98	0.051	54.4	ND
PB-14@2.5'	2206406-26	6/23/2022	FALSE	8.8	19.5	0.927	0.0609	56.2	ND
PB-14@5'	2206406-27	6/23/2022	FALSE	5.18	10.7	0.648	0.0298	31.1	ND
PB-15@2.5'	2206406-28	6/23/2022	FALSE	11.6	16.8	0.983	0.0776	54.5	ND
PB-15@5'	2206406-29	6/23/2022	FALSE	8.78	21.3	0.832	0.0595	62	ND
PB-8@2.5'	2206406-15	6/23/2022	FALSE	13.2	16.2	0.914	0.079	54.9	ND
PB-9@2.5'	2206406-16	6/23/2022	FALSE	ND	7.34	1.31	ND	20.7	ND
PB-9@5'	2206406-17	6/23/2022	FALSE	4.47	7.05	0.355	0.0246	23.1	ND
S01@3.5'	1812100-08	12/7/2018	FALSE						
W01@3.5'	1812100-01	12/5/2018	FALSE						
W02@3.5'	1812100-02	12/5/2018	FALSE						
W03@3.5'	1812100-03	12/5/2018	FALSE						

Facility #4 West A Consolidation Flowline (459

Soil to Groundwater				Calcium	Magnesium	Sodium	Sodium Adsorption Ratio	% Solids	Specific Conduct
COGCC Table 915-1 Concentration Levels				NL	NL	NL	6	NL	4
1.25*Background				NL	NL	NL	6	NL	4
Units				mg/L dry	mg/L dry	mg/L dry	Units	%	mmhos/cm
Sample	Lab Sample ID	Sample Date	Background	Calcium	Magnesium	Sodium	Sodium Adsorption Ratio	% Solids	Specific Conductance (EC
B-1@2.5'	2206406-01	6/23/2022	FALSE	2460	1660	3220	12.3	79.6	5.63
B-1@5'	2206406-02	6/23/2022	FALSE	441	479	276	2.17	77.4	0.649
B-2@2.5'	2206406-03	6/23/2022	FALSE	2750	990	2960	12.3	79.9	2.12
B-2@5'	2206406-04	6/23/2022	FALSE	1070	493	171	1.09	78.6	0.45
B-3@2.5'	2206406-05	6/23/2022	FALSE	13400	24700	143000	169	79	6.49
B-3@5'	2206406-06	6/23/2022	FALSE	1560	1530	389	1.68	78.6	0.496
B-4@2.5'	2206406-07	6/23/2022	FALSE	2980	919	1200	4.93	83.8	1.96
B-4@5'	2206406-08	6/23/2022	FALSE	1610	1230	282	1.29	80.8	0.604
B-5@2.5'	2206406-09	6/23/2022	FALSE	4090	1980	3840	12.3	77.6	7.53
B-5@5'	2206406-10	6/23/2022	FALSE	1390	813	582	3.07	82.5	1.03
B-6@2.5'	2206406-11	6/23/2022	FALSE	5210	3300	17200	45.9	81.9	1.98
B-6@5'	2206406-12	6/23/2022	FALSE	1860	1540	4230	17.6	84.5	0.899
B-7@2.5'	2206406-13	6/23/2022	FALSE	1100	2000	1370	5.69	79.4	1.16
B-7@5'	2206406-14	6/23/2022	FALSE	1220	2000	8040	32.9	76.3	1.42
E01@3'	1812100-05	12/5/2018	FALSE						
E02@3.5'	1812100-06	12/7/2018	FALSE						
E03@3.5'	1812100-07	12/7/2018	FALSE						
N01@3'	1812100-04	12/5/2018	FALSE						
PB-10@2.5'	2206406-18	6/23/2022	FALSE	1190	1040	4160	21.3	82.1	6.96
PB-10@5'	2206406-19	6/23/2022	FALSE	555	789	297	1.9	77.1	0.642
PB-11@2.5'	2206406-20	6/23/2022	FALSE	5820	2040	2990	8.59	75.3	3.83
PB-11@5'	2206406-21	6/23/2022	FALSE	527	949	519	3.12	79.2	0.95
PB-12@2.5'	2206406-22	6/23/2022	FALSE	1590	819	961	4.88	81.2	1.65
PB-12@5'	2206406-23	6/23/2022	FALSE	596	599	163	1.13	82.2	0.435
PB-13@2.5'	2206406-24	6/23/2022	FALSE	727	722	762	4.79	80.2	2.84
PB-13@5'	2206406-25	6/23/2022	FALSE	341	462	154	1.28	79	0.826
PB-14@2.5'	2206406-26	6/23/2022	FALSE	622	898	1230	7.39	79	1.96
PB-14@5'	2206406-27	6/23/2022	FALSE	461	761	898	5.97	77.4	1.56
PB-15@2.5'	2206406-28	6/23/2022	FALSE	1890	1200	3830	17	81.9	7.39
PB-15@5'	2206406-29	6/23/2022	FALSE	425	682	831	5.81	77.7	1.89
PB-8@2.5'	2206406-15	6/23/2022	FALSE	6050	1790	3070	8.91	77.8	3.89
PB-9@2.5'	2206406-16	6/23/2022	FALSE	3620	1720	3480	11.9	76.1	4.04
PB-9@5'	2206406-17	6/23/2022	FALSE	346	392	838	7.33	86.1	2.59
S01@3.5'	1812100-08	12/7/2018	FALSE						
W01@3.5'	1812100-01	12/5/2018	FALSE						
W02@3.5'	1812100-02	12/5/2018	FALSE						
W03@3.5'	1812100-03	12/5/2018	FALSE						

Facility #4 West A Consolidation Flowline (459

				Conductance (EC)
Soil to Groundwater				pH
COGCC Table 915-1 Concentration Levels				6 to 8.3
1.25*Background				6 to 8.3
Units				pH units
Sample	Lab Sample ID	Sample Date	Background	pH
B-1@2.5'	2206406-01	6/23/2022	FALSE	8.29
B-1@5'	2206406-02	6/23/2022	FALSE	7.78
B-2@2.5'	2206406-03	6/23/2022	FALSE	8.07
B-2@5'	2206406-04	6/23/2022	FALSE	7.76
B-3@2.5'	2206406-05	6/23/2022	FALSE	8.16
B-3@5'	2206406-06	6/23/2022	FALSE	7.87
B-4@2.5'	2206406-07	6/23/2022	FALSE	8.61
B-4@5'	2206406-08	6/23/2022	FALSE	7.93
B-5@2.5'	2206406-09	6/23/2022	FALSE	7.71
B-5@5'	2206406-10	6/23/2022	FALSE	7.99
B-6@2.5'	2206406-11	6/23/2022	FALSE	6.18
B-6@5'	2206406-12	6/23/2022	FALSE	7.72
B-7@2.5'	2206406-13	6/23/2022	FALSE	7.9
B-7@5'	2206406-14	6/23/2022	FALSE	7.03
E01@3'	1812100-05	12/5/2018	FALSE	
E02@3.5'	1812100-06	12/7/2018	FALSE	
E03@3.5'	1812100-07	12/7/2018	FALSE	
N01@3'	1812100-04	12/5/2018	FALSE	
PB-10@2.5'	2206406-18	6/23/2022	FALSE	8.5
PB-10@5'	2206406-19	6/23/2022	FALSE	7.89
PB-11@2.5'	2206406-20	6/23/2022	FALSE	8.7
PB-11@5'	2206406-21	6/23/2022	FALSE	8.45
PB-12@2.5'	2206406-22	6/23/2022	FALSE	8.13
PB-12@5'	2206406-23	6/23/2022	FALSE	8.16
PB-13@2.5'	2206406-24	6/23/2022	FALSE	7.55
PB-13@5'	2206406-25	6/23/2022	FALSE	6.97
PB-14@2.5'	2206406-26	6/23/2022	FALSE	8.41
PB-14@5'	2206406-27	6/23/2022	FALSE	8.07
PB-15@2.5'	2206406-28	6/23/2022	FALSE	8.24
PB-15@5'	2206406-29	6/23/2022	FALSE	8.11
PB-8@2.5'	2206406-15	6/23/2022	FALSE	7.97
PB-9@2.5'	2206406-16	6/23/2022	FALSE	8.39
PB-9@5'	2206406-17	6/23/2022	FALSE	8.55
S01@3.5'	1812100-08	12/7/2018	FALSE	
W01@3.5'	1812100-01	12/5/2018	FALSE	
W02@3.5'	1812100-02	12/5/2018	FALSE	
W03@3.5'	1812100-03	12/5/2018	FALSE	