APPENDIX B

Groundwater Sampling Field Data Sheets and Chain of Custody Forms

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	BGMW01	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: NE road next to I-40

WEATHER (wind/temp/ppt): 20-30 mph/65 F/dry and clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
18.92 ft btoc	6.77 gal	34 ft	12.5-32.5 ft	30 psi, 3 sec on, 40 sec off, 200 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 30 psi, 3 sec on, 48 sec off, 81mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/2/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1237	0.00	14.55	7.76	3.31	2.11	12.99	18.92	-194	0.0081 L/min
1242	0.04	15.03	7.23	3.27	2.67	7.87	19.12	-164	
1247	0.08	15.34	7.31	3.25	2.10	7.20	19.12	-153	
1252	0.12	15.51	7.46	3.23	2.28	7.46	19.14	-122	
1257	0.16	15.62	7.49	3.22	1.87	5.72	19.14	-96	
1302	0.20	15.63	7.51	3.21	1.44	5.10	19.14	-67	
1307	0.24	15.50	7.51	3.21	1.05	4.71	19.14	-42	
1312	0.28	15.63	7.47	3.21	0.77	4.10	19.14	-29	

Sample Information

SAMPLE DATE: 4/2/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran/JD Nance

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): BGMW01042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): Clear water

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
BGMW01042015	1312	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel AC/JDN

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	BGMW02	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: W of Navajo Blvd, south of I-40, inside fence perimeter

WEATHER (wind/temp/ppt): Windy/50 F/clear

OTHER NOTABLE FIELD CONDITIONS: DO wavers between 5 and 0, other parameters stable

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
20.97 ft btoc	6.0 gal	34.2 ft	13.5-33.5 ft	30 psi, 3.5 sec on, 40 sec off, 130 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 30 psi, 4 sec on, 40 sec off, 150 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/2/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0837	0.00	11.99	6.96	4.86	2.13	2.94	21.06	137	0.15 L/min
0842	0.75	12.07	7.16	4.94	1.22	0.00	21.06	111	
0850	1.95	12.26	7.30	4.91	1.85	0.00	21.06	109	
0859	3.30	12.44	7.35	4.89	2.06	0.00	21.06	110	
0908	4.65	12.45	7.40	4.91	2.25	0.00	21.06	108	

Sample Information

SAMPLE DATE: 4/2/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran/JD Nance

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): BGMW02042015 DUPLICATE/BLANK SAMPLE ID(s): BGMW02042015MS

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc. Clear water, no sediment BGMW02042015MSD

Sample ID	Sample Time	No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
BGMW02042015	0920	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
BGMW02042015 MS		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
BGMW02042015 MSD		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel AC/JDN

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	BGMW03	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: South of I-40; inside fence perimeter to W of Navajo Blvd.

WEATHER (wind/temp/ppt): Windy/60 F/cloudy

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
16.5 ft btoc	19.99 gal	30.9 ft	8.5-28.5 ft	Grundfos 175 Hz

METHOD OF PURGING: Casing volume / grundfos

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: Grundfos 175 Hz

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1456	1	17.01	7.69	3.08	16.89	16.31	16.5	165	Clear
1501	6	14.64	7.55	3.02	25.30	8.62	17.95	179	
1505	10	13.76	7.43	3.05	71.27	7.79	-	175	Clear
1511	15	13.26	7.63	3.09	72.15	7.44	-	172	
1512	17	-	-	-	-	-	23.46	-	
1517	19.5	13.45	7.59	3.12	68.43	7.34	-	174	
1521	25.5	13.76	7.53	3.09	47.71	7.54	27.03	174	
1532	30	14.42	7.80	3.20	884.4	9.05	29.25	193	Pump dry
4/1/2015									
1247	-	-	-	-	-	-	16.18	-	Collect sample

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran/N. Warneke

SAMPLING METHOD: hand bail SAMPLE TEMP/pH/EC/TURB/DO: See 15:21

SAMPLE ID(s): BGMW03042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): Clear, some sediment

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
BGMW03042015	1247	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel AC/NW

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	FW31	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt): 50 F/sunny

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
42.40 ft btoc	12.97 gal	52.0 ft	10.0-50.0 ft	Start 160hz, end ~200hz

METHOD OF PURGING:	Casing volume / grundfos	INITIAL ORGANIC VAPOR METER READINGS: N/A	ACTUAL FIELD PUMP SETTINGS
DISPOSITION OF DISCHARGE WATER:	Discharged to evaporation tank		Start 175hz, end ~200hz
MONITORING EQUIPMENT USED:	Horiba U-52		

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1046	Start purge	-	-	-	-	-	-	-	
1049	14.00	13.24	7.72	2.20	2.40	10.19	44.2	52	
1052	20	13.23	7.59	2.23	37.75	3.92	46.45	65	
1053	36	13.69	7.62	2.24	-	3.76	48.65	68	
1053	Dry	-	-	-	-	-	-	-	pump dry
4/1/2015									
0815	Begin bailing	-	-	-	-	-	44.81	-	
0817	-	13.50	7.40	2.09	53.70	9.18	-	181	

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: L. Hill/T. Arrowood

SAMPLING METHOD: Hand Bailer SAMPLE TEMP/pH/EC/TURB/DO: See 10:53

SAMPLE ID(s): FW31042015 DUPLICATE/BLANK SAMPLE ID(s): FW31042015EQU002

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): 4" casing diameter

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
FW31042015	0820	3	40-ml VOAs	HCL	EPA 8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
FW31042015EQU002		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	Ice	8270D	SVOC	Test America-Denver
		2	1-L Amber glass	ice	8081A	Pesticides	Test America-Denver

Initials of sampling personnel LH/TA

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	FW35	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt):

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
29.89 ft btoc	3.56 gal	32.15 ft	10.0-30.0 ft	Hand Bail

METHOD OF PURGING: Casing volume / grundfos

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0837	0.0	13.02	6.70	4.04	87.92	11.98	29.89	-209	Strong sulfer odor; grey color
0847	4.0	12.12	6.78	4.07	477.0	9.43	30.11	-205	Anomalous DO due to air bubbles
0856	5.0	12.15	6.80	4.04	563.2	8.67	30.25	-188	
0901	5.5	11.78	6.78	4.14	656.8	9.19	30.23	-187	pump dry
4/1/2015									
1443	-	-	-	-	-	-	29.78	-	bail partial sample
4/2/2015									
0820	-	-	-	-	-	-	30.12	-	bail remaining sample

Sample Information

SAMPLE DATE: 4/1 and 4/2/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran, N. Warneke, D. Larsen

SAMPLING METHOD: hand bail SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): FW35042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
FW35042015	1443	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
2-Apr	0820	2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
2-Apr	0820	1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
2-Apr	0820	1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
2-Apr	0820	1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
	1443	2	1-L Amber glass	ice	8270D	SVOC	Test America-Denver

Initials of sampling personnel AC/NW/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	MW01	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt):

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
42.65 ft btoc	16.34 gal	54.80 ft btoc	34-54 ft btoc	HAND BAIL

METHOD OF PURGING: Casing volume / bailer

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1050	0.0	16.49	7.32	3.43	682.2	16.09	42.65	108	brown, cloudy, no odor, some
1106	4.0	15.93	7.38	3.48	560.0	9.46	48.04	110	sediment
1113	6.0	16.26	7.52	3.45	1026	8.59	50.13	112	
1121	9.0	16.24	7.50	3.44	1100	7.98	51.36	129	
1134	12.0	16.91	7.57	3.42	405.9	10.89	53.27	128	
1149	15.0	17.92	7.60	3.36	1100	8.40	53.80	126	
1159	16.5	17.10	7.62	3.39	697.5	7.80	53.95	132	bail dry
4/1/2015									
1050	-	-	-	-	-	-	42.60	-	Collect sample

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran

SAMPLING METHOD: hand bail SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): MW01042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
MW01042015	1050	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		3	40-ml glass VOA	HCl	EPA 8015C	TPH-GRO	Test America-Denver
		2	1-L Amber glass	ice	EPA 8015C	TPH-DRO	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	8081A	Pesticides	Test America-Denver

Initials of sampling personnel AC

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	MW02	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Flush Mount to the East of car port

WEATHER (wind/temp/ppt): Windy/55 F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
40.73 ft btoc	11.73 gal	49.45 ft btoc	39.5-49.5 ft btoc	HAND BAIL

METHOD OF PURGING: Casing volume / bailer

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0954	0	13.94	6.92	2.15	166.7	14.23	40.73	41	Brown and cloudy, lots of sediment,
1006	5	14.46	7.08	1.11	277.5	9.28	47.2	9	frothy
1012	8	14.58	7.00	1.10	168.1	8.94	48.1	12	
1021	9.5	14.68	7.08	1.10	383.8	8.50	48.85	53	
4/1/2015									
940	-	-	-	-	-	-	40.67	-	Collect sample
4/2/2015									
1040	-	-	-	-	-	-	40.86		return for missing pesticides

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran

SAMPLING METHOD: hand bail SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): MW02042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
MW02042015	940	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		3	40-ml glass VOA	HCl	EPA 8015C	TPH-GRO	Test America-Denver
		2	1-L Amber glass	ice	EPA 8015C	TPH-DRO	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
	940	1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
	940	1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
	940	1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
	940	1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
	1040	2	1-L Amber glass	ice	8081A	Pesticides	Test America-Denver

Initials of sampling personnel AC

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	MW03	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION: stick-up North of tennis court admin area

WEATHER (wind/temp/ppt): Breezy, mid 50's F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
46.51 ft btoc	4.40 gal	55.11 ft btoc	45.1-55.1 ft btoc	40psi, 6 sec on, 50 sec off, 110 mL/min

METHOD OF PURGING: BESST Low-Flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 40psi, 5 sec on, 25 sec off, 224 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/3/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1152	1.5	13.30	6.61	4.38	1.22	0.19	47.11	-128	
1156	2.5	13.45	6.68	4.51	3.16	0.00	46.94	-108	224 mL/min
1202	3.8	13.53	6.78	5.53	2.08	0.00	46.94	-79	
1206	4.7	13.61	6.85	4.53	1.95	0.00	46.94	-53	
1211	5.8	13.59	6.86	4.52	1.99	0.00	46.94	-32	
1219	7.6	13.70	6.91	4.47	0.56	0.00	46.94	-10	
1226	9.0	13.61	6.87	4.44	0.58	0.00	46.94	3	

Sample Information

SAMPLE DATE: 4/3/2015

SAMPLE TYPE: (grab) composite

SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: N. Warneke/JD Nance

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump

SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): MW03042015

DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
MW03042015	1240	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		3	40-ml glass VOA	HCl	EPA 8015C	TPH-GRO	Test America-Denver
		2	1-L Amber glass	ice	EPA 8015C	TPH-DRO	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel NW/JDN

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	MW18D	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: South of well TMW33

WEATHER (wind/temp/ppt): Southerly wind 20-25 mph/40's-50's F/clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
44.58 ft btoc	7.3 gal	59.9 ft btoc	49.3-59.3 ft btoc	6 sec on, 54 off, 30psi, 40 mL/min

METHOD OF PURGING: BESST Low-Flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: Hand bail

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/8/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0855	Start bailing	-	-	-	-	-	-	-	
0900	2	13.34	6.84	7.19	120	4.33	46.7	-144	
0905	6	13.72	6.90	7.27	188	4.25	52.0	-149	
0907	8	Well dry	-	-	-	-	59.0		Bail dry
1210	-	16.30	7.12	7.83	600	4.84	45.0	-95	return to sample

Sample Information

SAMPLE DATE: 4/8/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: L. Hill/T. Arrowood

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See 09:05

SAMPLE ID(s): MW18D042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
MW18D-042015	1210	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		3	40-ml glass VOA	HCl	EPA 8015C	TPH-GRO	Test America-Denver
		2	1-L Amber glass	ice	EPA 8015C	TPH-DRO	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel LH/TA

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	MW20	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION: Southwest of MW18 S&D

WEATHER (wind/temp/ppt): Calm/50 F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
45.49 ft btoc	6.29 gal	59.40 ft btoc	48.9-58.9 ft btoc	40 psi, 6 sec on, 54 off, 100 mL/min

METHOD OF PURGING: BESST Low-Flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 40 psi, 6 sec on, 54 off, 110 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/3/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0850	0.00	11.99	6.77	7.97	15.64	2.95	45.99	189	0.11 L/min
0855	0.55	12.94	6.70	9.88	4.94	bad read	45.88	192	
0900	1.10	13.04	6.65	9.93	1.49	bad read	45.88	199	
0905	1.65	13.01	6.65	9.92	1.57	bad read	45.88	200	
0910	2.20	12.98	6.65	9.90	0.62	bad read	45.88	205	
0915	2.75	13.05	6.66	9.89	0.01	2.95	45.88	208	
1026	-	-	-	-	-	-	45.85	-	final DTW

Sample Information

SAMPLE DATE: 4/3/2015

SAMPLE TYPE: (grab) composite

SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran/DL

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump

SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): MW20042015

DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc. Clear, no sediment

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
MW20042015	0920	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		3	40-ml glass VOA	HCl	EPA 8015C	TPH-GRO	Test America-Denver
		2	1-L Amber glass	ice	EPA 8015C	TPH-DRO	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	8270D	SVOC	Test America-Denver
		2	1-L Amber glass	ice	8081A	Pesticides	Test America-Denver

Initials of sampling personnel AC/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	MW22D	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION: North of Well TMW33

WEATHER (wind/temp/ppt): Windy/50 F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
42.25 ft botc	7.38 gal	58.70 ft btoc	48 - 58 ft btoc	4 sec on, 26 off, 27psi, 200 mL/min

METHOD OF PURGING: BESST Low-Flow

INITIAL ORGANIC VAPOR METER READINGS: 0.0 ppm

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/4/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1005	2	14.78	7.8	4.85	0.88	bad read	42.40	132	0.15 L/min
1010	2.75	14.48	6.57	4.65	0.01	3.75	42.37	135	
1015	3.50	14.54	6.68	4.61	0.09	3.68	42.34	133	
1020	4.25	14.61	6.65	4.58	0.38	3.84	42.34	138	

Sample Information

SAMPLE DATE: 4/6/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran/N. Warenke

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): MW22D042015 DUPLICATE/BLANK SAMPLE ID(s): MW22D042015MS

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): MW22D042015MSD

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
MW22D042015	1020	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
MW22D042015 MS		3	40-ml glass VOA	HCl	EPA 8015C	TPH-GRO	Test America-Denver
		2	1-L Amber glass	ice	EPA 8015C	TPH-DRO	Test America-Denver
MW22D042015 MSD		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	8270D	SVOC	Test America-Denver
		2	1-L Amber glass	ice	8081A	Pesticides	Test America-Denver

Initials of sampling personnel AC/NW

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	MW22S	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION: West of Bldg. 5

WEATHER (wind/temp/ppt): Windy/50 F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
42.17 ft btoc	1.58 gal	43.5 ft btoc	31 - 41 ft btoc	HAND BAIL

METHOD OF PURGING: Casing volume / bailer

INITIAL ORGANIC VAPOR METER READINGS: 0.0 ppm

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1409	0.50	18.66	6.9	3.670	168	7.45	42.23	182	Brown, milky
1414	1.50	17.05	6.89	3.45	>1100	7.61	42.91	186	Brown, milky
1422	1.75	16.95	7.20	3.48	>1100	7.40	43.20	188	Brown, milky
4/1/2015									
0915	-	-	-	-	-	-	42.17	-	Collect partial sample
4/2/2015									
1051	-	-	-	-	-	-	42.15	-	Collect partial sample
4/6/2015									
0849	-	-	-	-	-	-	42.17	-	Collect partial sample
0930	-	-	-	-	-	-	-	-	Collect final sample

Sample Information

SAMPLE DATE: As above

SAMPLE TYPE: (grab) composite

SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: N. Warenke/A. Cochran

SAMPLING METHOD: hand bail

SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): MW22S042015

DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): Need to recommend that this well be considered dry

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
MW22S042015	See	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
	COCs	3	40-ml glass VOA	HCl	EPA 8015C	TPH-GRO	Test America-Denver
	for	2	1-L Amber glass	ice	EPA 8015C	TPH-DRO	Test America-Denver
	times	2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
	and	1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
	dates	1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	8270D	SVOC	Test America-Denver
		2	1-L Amber glass	ice	8081A	Pesticides	Test America-Denver

Initials of sampling personnel NW/AC

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	MW23	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION: East, past wash, south of I-40 (~50 meters)

WEATHER (wind/temp/ppt): Breezy 10mph/55 F/dry

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
14.71 ft btoc	160.99 gal	134 ft	65.5-135.5 ft	50-70 psi, 1gpm

METHOD OF PURGING: Casing volume / Bennett

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 60-80 psi, 1 gpm

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/6/2015 Time	Total volume (gallons)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0910	-	12.51	7.43	0.984	21	3.76	14.71	-168.00	.96 gal/min
0920	9.60	12.19	7.31	0.933	1.03	3.01	63.12	-252	
0930	19.20	12.21	7.37	0.933	2.01	1.71	94.75	-209	
0940	28.80	12.22	7.37	0.928	1.90	0.62	100+	-195	.82 gal/min
0950	37.00	12.20	7.29	0.921	3.93	0.21	100+	-167	
1000	45.20	12.24	7.33	0.920	20.46	0.00	100+	-152	
1010	33.40	12.46	7.53	0.949	42.88	0.00	100+	-95	
1020	61.60	12.48	7.66	0.953	130.9	0.00	100+	-65	
1025	65.70	-	-	-	-	-	-	-	Pump dry
1350	-	12.75	7.54	1.540	9	10.61	31.38	100	Resume
1400	74.15	12.54	7.36	1.540	41	1.07	63.46	17	.84 gal/min
1410	82.55	12.65	7.43	1.53	3.33	0.00	91.2	-58	.93 gal/min
1420	91.86	12.53	7.44	1.53	21.73	0.50	100+	-35	
1430	101.17	12.52	7.49	1.51	45.52	1.45	100+	-37	.79 gal/min
1440	109.10	12.62	7.69	1.54	313.10	7.66	100+	63	
1445	113.73	-	-	-	-	-			Pump dry
4/7/2015									
0820	-	12.36	6.88	0.888	7.93	8.47	17.12	151	1.03 gal/min
0830	124.03	12.27	7.34	0.872	3.05	0.15	61.21	88	
0840	134.03	12.21	7.26	0.862	2.62	0.00	78.65	-73	
0850	144.63	12.22	7.30	0.861	5.07	0.00	90+	-82	
0900	154.93	12.15	7.38	1.44	42.07	0.00	100+	-69	
0910	165.23	12.19	7.43	1.42	138.90	0.00	100+	-54	
0912	167.29	12.20	7.40	1.44	96.46	0.00	100+	-36	Collect Sample

Sample Information

SAMPLE DATE: 4/7/2015

SAMPLE TYPE: (grab) composite

SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL JD Nance/DL

SAMPLING METHOD: Dedicated Bennett Pump

SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): MW23042015

DUPLICATE/BLANK SAMPLE ID(s): DMW23042014

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

MW23042015MS

MW23042015MSD

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
MW23042015	0940	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
DMW23042015		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
MW23042015 MS		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
MW23042015 MSD		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel JDN/DL

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	MW24	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION: ~50" South of north boundary fence, 25' north of large rock

WEATHER (wind/temp/ppt): Windy 20 mph/60 F/dry

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
19.11 ft btoc	66.81 gal	68.5 ft btoc	19 - 69 ft btoc	50 psi, 2gpm

METHOD OF PURGING: Casing volume / Bennett

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 50 psi, 2gpm

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/6/2015 Time	Total volume (gallons)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1050	-	12.04	7.15	0.631	7.62	2.10	-	-144	1.07 gal/min
1100	10.70	11.87	7.20	0.688	7.53	0.00	26.22	-163	
1110	16.16	12.43	7.01	0.670	6.06	0.00	25.03	-154	0.54 gal/min
1120	20.56	12.37	7.07	0.644	2.93	0.00	25.52	-158	
1130	27.02	12.36	7.03	0.639	3.07	0.00	25.89	-162	0.69 gal/min
1140	33.94	12.31	7.12	0.636	6.59	0.00	26.00	-167	
1150	40.86	12.28	7.07	0.645	4.42	0.00	26.12	-162	0.650 gal/min
1200	47.36	12.33	7.10	0.642	1.52	0.00	26.23	-164	
1210	53.86	12.37	7.17	0.637	0.68	0.00	26.36	-168	
1220	60.36	12.00	7.18	0.643	0.56	0.00	26.45	-171	
1230	66.86	11.99	7.30	0.639	0.08	0.00	26.51	-172	Collect Sample

Sample Information

SAMPLE DATE: 4/6/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance/DL

SAMPLING METHOD: Dedicated Bennett Pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): MW24042015 DUPLICATE/BLANK SAMPLE ID(s): DMW24042015

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
MW24042015	1240	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
DMW24042015		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel JDN/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	SMW01	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: North of STP

WEATHER (wind/temp/ppt): 30 mph/50 F/dry

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
30.56 ft btoc	9.61 gal	52.15 ft btoc	32.1-52.1 ft btoc	40 psi 5 sec on 55 sec off, 130 mL/min

METHOD OF PURGING: BESST Low-Flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 30 psi 5 on 55 off

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/8/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1015	0.360	12.32	7.47	3.32	3.04	0.00	30.92	-176	72 mL/min
1020	0.72	12.59	7.46	3.28	1.48	0.00	30.92	-174	
1025	1.08	13.02	7.46	3.21	2.14	0.00	30.94	-167	
1030	1.44	13.03	7.44	3.17	1.14	0.00	30.95	-160	
1035	1.80	13.03	7.45	3.19	1.03	0.00	30.95	-159	Collect sample

Sample Information

SAMPLE DATE: 4/8/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL JD Nance, D. Larsen

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): SMW01042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
SMW01042015	1045	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOC's	Test America-Denver

Initials of sampling personnel JDN/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW01	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: SE near power line

WEATHER (wind/temp/ppt): 10-15 mph southerly/50's F/clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
39.02 ft btoc	9.9 gal	61.23 ft btoc	45.7-60.7 ft btoc	40 psi, 7 sec on, 23 sec off, 140 mL/min

METHOD OF PURGING: BESST Low-Flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 35 psi, 7 sec on, 23 sec off, 110 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/7/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0820	Start purge	-	-	-	-	-	-	-	Hole in air line; will replace when sampling
0826	0.42	11.93	7.36	2.60	3.58	11.78	39.42	-54	70 mL/min
0831	0.77	11.31	7.56	2.63	2.87	8.53	39.36	12	110 mL/min
0836	1.35	11.23	7.54	2.64	3.05	7.68	39.42	55	
0841	1.90	11.23	7.46	2.63	3.21	7.21	39.45	86	
0846	2.45	11.12	7.43	2.64	3.83	6.43	39.45	106	
0851	3.00	11.10	7.42	2.64	3.65	4.29	39.45	123	
0856	3.55	11.13	7.42	2.64	3.87	4.16	39.45	127	
0901	4.10	11.17	7.42	2.64	3.92	3.92	39.45	130	

Sample Information

SAMPLE DATE: 4/7/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: L. Hill, T. Arrowood

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW01042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW01042015	0903	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel LH/TA

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW03	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Field to East of bldg 33

WEATHER (wind/temp/ppt): 0-5 mph/45 F/dry

OTHER NOTABLE FIELD CONDITIONS: Large animal hole by well

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
57.45 ft btoc	6.6 gal	72 btoc	51.8-71.8 ft	30 psi, 8 sec on, 22 sec off, 110 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/9/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0945	-	-	-	-	-	-	57.45	-	150 mL/Min
0950	0.750	12.03	7.18	4.15	0.51	3.09	57.47	149	
0955	1.50	12.15	7.17	4.14	1.28	1.94	57.47	150	
1000	2.25	12.41	7.14	4.13	0.73	0.78	57.47	149	
1005	3.00	12.61	7.14	4.13	0.00	0.21	57.47	149	
1010	3.75	12.71	7.14	4.12	0.00	0.00	57.47	147	
1015	4.50	12.77	7.14	4.11	0.00	0.00	57.47	147	
1020	5.25	12.79	7.15	4.10	0.00	0.00	57.47	144	Collect sample
1105	-	-	-	-	-	-	57.51	-	Final

Sample Information

SAMPLE DATE: 4/9/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance, D. Larsen

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW03042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW03042015	1035	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	EPA8270D	SVOC's	Test America-Denver

Initials of sampling personnel JDN/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW04	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Open field east of Bldg 33

WEATHER (wind/temp/ppt): 0-5 mph/50 F/dry

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
56.55 ft btoc	7.13 gal	72.4 ft btoc	51.8-71.8 ft btoc	30psi, 8 sec on, 22 sec off, 130 mL/min

METHOD OF PURGING: BESST low-flow; INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

40 psi, 8 on, 42 off, 110 mL/min

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/9/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1125	-	-	-	-	-	-	56.55	-	110 mL/min
1130	0.95	13.75	7.28	3.85	0.00	2.35	56.83	141	
1135	1.50	13.57	7.29	3.86	0.00	2.63	56.84	142	
1140	2.05	13.49	7.30	3.85	0.00	2.58	56.84	140	
1145	2.60	13.51	7.30	3.82	0.00	2.53	56.85	139	
1150	3.15	13.53	7.29	3.79	0.00	2.48	56.85	139	Collect sample
1245	-	-	-	-	-	-	56.85	-	Final

Sample Information

SAMPLE DATE: 4/9/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance, D. Larsen

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW04042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW04042015	1200	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	EPA8270D	SVOC's	Test America-Denver

Initials of sampling personnel JDN/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW06	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt): Calm/60 F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
47.26 ft btoc	4.5 gal	57.2 ft btoc	46.8-56.8 ft btoc	27 psi, 7 sec on, 23 sec off, 125 mL/min

METHOD OF PURGING: BESST Low-Flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 30 psi, 6 sec on, 24 sec off, 134 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/9/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1224	-	14.56	7.69	3.62	0.99	9.88	47.65	35	187 mL/min
1228	0.76	13.79	7.61	3.64	0.59	6.41	47.65	53	134 mL/min
1232	1.30	13.88	7.58	3.65	0.47	5.65	47.77	62	
1236	1.85	13.93	7.64	3.63	0.60	5.03	47.79	68	
1240	2.45	13.77	7.63	3.64	0.50	4.60	47.82	74	
144	2.90	13.63	7.62	3.64	0.18	3.97	47.90	79	
1248	3.40	13.61	7.63	3.65	0.20	3.45	47.90	82	
1253	4.05	13.40	7.65	3.65	0.15	2.73	47.96	86	
1258	4.70	13.69	7.67	3.66	0.23	2.19	47.95	88	
1354	-	-	-	-	-	-	47.95	-	Final

Sample Information

SAMPLE DATE: 4/9/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran, N. Warenke

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: see last measurement

SAMPLE ID(s): TMW06042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc. Clear, no odor

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW06042015	1310	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	EPA8270D	SVOC's	Test America-Denver

Initials of sampling personnel AC/NW

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW07	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt): Southerly 10-15 mph/60 F/partly cloudy

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
47.03 ft btoc	27.36 gal	67.4 ft boc	ft btoc	Start @ 175hz, end 207hz

METHOD OF PURGING: Casing volume / grundfos

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: Start @ 175hz, end 200hz

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (gal)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1313	4	14.50	7.54	4.98	191	0.00	53.30	-201	H2S odor
1316	8	14.90	7.59	4.98	137.20	5.88	56.85	-193	
1319	11	15.80	7.61	4.95	11.71	4.17	61.80	-178	
1320	12	-	-	-	-	-	68.2	-	Pump dry
4/1/2015									
1128	-	14.87	7.39	5.11	17.89	0.03	50.95	-50	

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: Hand Bail SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW07042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW07042015	1130	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOC's	Test America-Denver

Initials of sampling personnel TA/LH

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW08	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: N. of tree grove on main road

WEATHER (wind/temp/ppt): 15-20 mph/48 F/dry

OTHER NOTABLE FIELD CONDITIONS: Water very turbid, Brown

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
36.65 ft btoc	11.4 gal	62.4 ft	31.9-61.9 ft	6 sec on, 20 sec off, 40 psi, 200 mL/min

METHOD OF PURGING: BESST Low-Flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 7 sec on, 16 sec off, 35 psi

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/8/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0835	-	-	-	-	-	-	36.65	-	341 mL/min
0845	3.41	12.73	6.82	9.27	8.85	0.00	36.98	-45	
0850	5.12	12.56	6.83	9.33	14.75	0.00	36.98	-24	
0855	6.82	12.58	6.83	9.35	7.81	0.00	36.98	-16	
0900	8.525	12.55	6.83	9.32	5.95	0.00	36.98	-1	
0905	10.230	12.58	6.83	9.31	4.82	0.00	36.98	-1	
0910	11.935	12.60	6.84	9.29	4.75	0.00	36.98	-3	Collect sample
0955	-	-	-	-	-	-	36.98	-	Final

Sample Information

SAMPLE DATE: 4/8/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance, D. Larsen

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW08042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW08042015	0920	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		3	40-ml glass VOA	HCl	EPA 8015C	TPH-GRO	Test America-Denver
		2	1-L Amber glass	ice	EPA8081A	Pesticides	Test America-Denver
		2	1-L Amber glass	ice	EPA 8015C	TPH-DRO	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel JDN/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW10	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: inside fenced perimeter

WEATHER (wind/temp/ppt): windy/60 F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
37.81 ft btoc	10.74 gal	61.8 ft btoc	31.2-61.2 ft btoc	6 sec on, 30 sec off, 30 psi, 100 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 5 sec on, 25 sec off, 30 psi, 120 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/7/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1051	-	13.20	6.68	6.64	0.86	5.10	38.10	-196	
1056	0.60	13.24	6.89	7.07	0.37	0.00	-	-197	120 mL/min
1101	1.20	13.54	7.09	7.11	0.13	0.00	38.07	-165	
1107	1.92	13.80	7.20	7.13	0.40	0.00	38.10	-141	
1112	2.52	13.79	7.27	7.15	0.14	0.00	38.10	-125	
1117	3.12	13.73	7.31	7.15	0.01	0.00	38.15	-102	
1123	3.84	13.98	7.36	7.14	0.03	0.00	-	-69	
1120	4.44	13.95	7.39	7.14	0.20	0.00	38.12	-38	
1133	5.04	14.09	7.41	7.13	0.01	0.00	38.12	-10	
1137	5.52	14.18	7.41	7.14	0.42	0.00	38.12	-13	
1228	-	-	-	-	-		38.12	-	Final

Sample Information

SAMPLE DATE: 4/7/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: N. Warneke, A. Cochran

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW10042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW10042015	1140	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel NW/AC

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW11	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Along main road to south of bldg 33

WEATHER (wind/temp/ppt): High winds/50 F

OTHER NOTABLE FIELD CONDITIONS: Root obstruction in well, still able to get DTW

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
67.81 ft btoc	6.69 gal	82.7 ft btoc	57-82 ft btoc	6 sec on, 24 sec off, 40 psi, 110 mL/min

METHOD OF PURGING: BESST Low Flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 6 sec on, 24 sec off, 40 psi, 130 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/8/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0828	-	12.58	8.25	2.23	2.60	3.11	68.26	-173	130 mL/min
0835	0.90	12.63	8.25	2.28	1.12	0.00	68.29	-175	
0840	1.55	12.70	8.40	2.29	0.78	0.00	68.39	-162	
0845	2.20	12.80	8.50	2.28	0.86	0.00	68.42	-149	
0850	2.85	12.88	8.57	2.23	1.61	0.00	68.45	-131	
0855	3.50	12.93	8.63	2.19	4.98	0.00	68.45	-118	
0859	4.02	13.00	8.70	2.12	10.09	0.00	68.45	-84	
0930	-	-	-	-	-	-	68.45	-	Final

Sample Information

SAMPLE DATE: 4/8/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: N. Warneke, A. Cochran

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW11042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc. No sediment, no odor

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW11042015	0900	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel NW/AC

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW13	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Field to SE of Bldg 33

WEATHER (wind/temp/ppt): Calm/45 F/clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
60.55 ft btoc	5.98 gal	73.8 ft btoc	63.1-73.1 ft btoc	35 psi, 6 sec on, 24 secs off, 70 mL/min

METHOD OF PURGING: BESST Low-Flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 35 psi, 6 sec on, 24 secs off, 90 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/9/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0831	-	9.56	7.08	2.20	0.43	12.83	60.65	-157	92 mL/min
0836	0.46	9.88	6.96	2.23	0.05	10.05	60.65	-177	
0842	1.00	10.15	7.07	2.24	0.02	9.40	60.65	-170	
0848	1.60	10.54	7.11	2.23	0.02	8.48	60.65	-164	
0856	2.48	10.71	7.30	2.23	0.01	7.33	60.66	-156	
0901	3.00	10.86	7.34	2.24	0.01	6.08	60.66	-153	
0906	3.55	11.25	7.44	2.24	0.01	4.11	60.71	-147	
0911	4.10	11.33	7.48	2.24	0.06	3.58	60.68	-140	
0916	4.65	11.43	7.50	2.24	0.01	3.06	60.68	-129	
0921	5.20	11.55	7.52	2.24	0.00	2.67	60.68	-118	Hi DO due to air bubbles
0955	-	-	-	-	-	-	60.68	-	Final

Sample Information

SAMPLE DATE: 4/9/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran, N. Warneke

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW13042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc. Clear, no odor

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW13042015	0925	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel AC/NW

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW15	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Workshop area

WEATHER (wind/temp/ppt): High winds/55 F/clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
65.10 ft btoc	5.14 gal	76.65	53.0-71.0 ft btoc	6 sec on, 24 sec off, 40 psi, 150 mL/min

METHOD OF PURGING: BESST Low-Flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 7 sec on, 20 sec off, 40 psi

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/8/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1214	-	15.01	7.89	2.20	1.24	4.23	65.21	-110	45 mL/min
1219	0.5	15.12	7.98	2.23	0.84	0.00	62.22	-103	150 mL/min
1224	1.25	15.21	8.10	2.23	0.93	0.00	62.22	-81	
1229	2.00	15.42	8.22	2.24	0.45	0.00	62.22	-57	
1234	2.75	15.40	8.34	2.24	0.67	0.00	62.22	-39	
1239	3.50	15.27	8.39	2.24	0.37	0.00	62.22	-35	
1244	4.25	15.20	8.55	2.24	0.40	0.00	62.22	-10	
1400	-	-	-	-	-	-	65.22	-	Final

Sample Information

SAMPLE DATE: 4/8/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran, N. Warenke

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW15042015 DUPLICATE/BLANK SAMPLE ID(s): DTW15042015

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc. Clear, no odor

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW15042015	1250	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
DTW15042015		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	EPA8270D	SVOC's	Test America-Denver

Initials of sampling personnel AC/NW

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW21	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: By gate 52

WEATHER (wind/temp/ppt): Breezy from the south/partly cloudy

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
51.56 ft btoc	14.2 gal	61.4 ft btoc	50.4-60.4 ft btoc	Bail

METHOD OF PURGING: Casing volume / hand bail

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: Hand bail

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/3/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0817	Pulled pump, will hand bail well from now on								
0828	Start bailing; well dry						51.56		
0831	2	11.14	7.15	2.47	69	5.53	-	242	
0836	4	11.61	7.42	2.43	670	1.43	-	229	
0841	7	11.84	7.48	2.38	>1000	1.89	-	222	
0847	11	12.07	7.54	2.40	>1000	1.27	-	216	
0853	16	11.94	7.68	2.38	>1000	1.39	56.2	206	
0906	24	11.98	7.58	2.32	>1000	2.66	58.85	199	
0914	28	Well dry	-	-	-	-	59.90	-	well bailed dry
1125	-	12.33	7.60	2.38	>1000	0.61	54.30	157	return to sample

Sample Information

SAMPLE DATE: 4/3/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: L. Hill, T. Arrowood

SAMPLING METHOD: Hand Bail SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW21042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW21042015	1126	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel LH/TA

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW22	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt): Wind from the south 5-10 mph/60 F/partly cloudy

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
45.62 ft btoc	23.24 gal	65.2 ft btoc	54.6-64.6 ft btoc	Grundfos; 168 Hz

METHOD OF PURGING: Casing volume / grundfos

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: Start at 175 Hz, end at 190 Hz

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (Gal)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1346	Start pumping	-	-	-	-	-	-	-	
1347	1	14.73	7.54	3.52	366.3	0.50	54.05	10	
1349	3	14.67	7.54	3.54	406.3	0.00	55.22	8	
1351	5	15.41	7.52	3.40	502.2	0.00	56.57	18	
1352	6	Well dry	-	-	-	-	61.00	-	pump well dry
4/1/2015									
1053	-	14.76	7.64	3.40	152.80	3.56	48.75	140	return to sample

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: hand bail SAMPLE TEMP/pH/EC/TURB/DO: See last measurement listed for 3/31/2015

SAMPLE ID(s): TMW22042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW22042015	1055	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	EPA8270D	SVOC's	Test America-Denver

Initials of sampling personnel TA/LH

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW23	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt):

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
45.43 ft btoc	19.02 gal	59.6 ft btoc	48.8-58.8 ft btoc	176 Hz

METHOD OF PURGING: Casing volume / grundfos

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1240	Start purge								
1241	2	14.43	7.60	3.10	46.97	0.20	49.90	80	
1243	8	14.09	7.65	3.12	51.51	0.00	53.00	72	
1245	12	14.41	7.71	3.12	62.60	4.06	54.70	69	
1246	14	15.10	7.66	3.12	67.00	4.51	56.00	66	
1247	15	-	-	-	-	-	-	-	pump dry
4/1/2015									
1158	-	14.20	7.54	3.15	-	7.25	45.25	76	

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: hand bail SAMPLE TEMP/pH/EC/TURB/DO: See last measurement listed on 3/31/2015

SAMPLE ID(s): TMW23042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW23042015	1200	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	8081A	Pesticides	Test America-Denver

Initials of sampling personnel TA/LH

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW24	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: NE of Building No. 1 in open field

WEATHER (wind/temp/ppt): 20-30 mph/65 F/dry

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
37.84 ft btoc	7.74 gal	55.4 ft btoc	47.1-57.1 ft btoc	30 psi, 4 sec on, 60 sec off, 60 mL/min

METHOD OF PURGING: BESST Low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 30 psi, 4 sec on, 60 sec off

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/8/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1300	-	-	-	-	-	-	38.74	-	
1305	0.67	13.63	7.32	3.62	2.04	0.28	39.14	-167	55 mL/min
1310	0.725	14.54	7.32	3.65	1.96	0.00	39.14	-156	
1315	0.770	14.69	7.32	3.66	1.73	0.00	39.14	-140	
1320	0.825	15.23	7.30	3.63	1.77	0.00	39.15	-120	
1325	0.880	15.52	7.29	3.62	1.28	0.00	39.16	-113	
1330	0.935	15.83	7.30	3.63	1.37	0.00	39.21	-108	
1335	0.990	15.89	7.30	3.61	1.46	0.00	39.21	-107	Collect sample

Sample Information

SAMPLE DATE: 4/8/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance, D. Larsen

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW24042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW24042015	1345	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver

Initials of sampling personnel JDN/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW25	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: West of wooden railroad bridge. West of bldg 31

WEATHER (wind/temp/ppt): Windy/50 F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
38.76 ft btoc	7.23 gal	55 ft btoc	45.2-55.2 ft btoc	5 sec on, 25 sec off, 30 psi, 100 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 5 sec on, 25 sec off, 30 psi, 120 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/7/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0924	-	13.03	7.20	3.19	1.63	3.15	39.57	-187	120 mL/min
0929	0.600	12.48	7.30	3.41	1.85	0.00	40.04	-182	
0933	1.100	12.20	7.12	3.45	2.60	0.00	40.04	-164	
0938	1.700	12.31	7.16	3.45	1.42	0.00	40.15	-146	
0944	2.420	12.39	7.22	3.46	1.26	0.00	40.22	-127	
0949	3.000	12.38	7.26	3.46	1.66	0.00	40.24	-107	
1014	-	-	-	-		-	40.05	-	Final

Sample Information

SAMPLE DATE: 4/7/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: N. Warneke, A. Cochran

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW25042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW25042015	0950	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel NW/AC

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW26	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: West of guard shack on road; runs E-W inside fence perimeter

WEATHER (wind/temp/ppt): 25-30 mph/65 F/dry

OTHER NOTABLE FIELD CONDITIONS: Sulfer smell

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
27.16 ft btoc	14.0 gal	58.2 ft btoc	47.7 - 57.7 ft btoc	8 sec on, 20 sec off, 40 psi, 300 mL/min

METHOD OF PURGING: BESST Low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 8 sec on, 22 sec off, 30 psi, 180mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/7/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1305	-	-	-	-	-	-	27.16	-	260 mL/min
1320	2.40	14.77	7.47	3.05	16.71	0.00	27.16	-74	180 mL/min
1325	3.30	14.60	7.42	3.02	6.61	0.00	27.16	-27	
1330	4.20	14.35	7.43	3.01	5.80	0.00	27.16	-24	
1335	5.10	14.25	7.41	3.02	4.89	0.00	27.16	-14	
1340	6.00	14.24	7.40	3.02	5.07	0.00	27.16	-11	
1345	6.90	14.34	7.43	3.00	5.89	0.00	27.16	-10	Collect sample

Sample Information

SAMPLE DATE: 4/7/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance, D. Larsen

SAMPLING METHOD: BESST Low-flow SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW26042015 DUPLICATE/BLANK SAMPLE ID(s): DTW26042015

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW26042015	1355	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
DTW26042015		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel JDN/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW27	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: NW part of facility

WEATHER (wind/temp/ppt): Breezy/cool 50 F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
27.96 ft btoc	20.34 gal	73.3 ft btoc	62.8 - 72.8 ft btoc	4 sec on, 26 sec off, 40 psi, 110 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 5 sec on, 26 sec off, 40 psi

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/7/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0819	0	14.00	6.64	1.23	0.72	0.00	28.68	-203	
0826	0.70	12.73	7.21	1.24	0.19	0.00	28.98	-201	135 mL/min
0832	1.60	12.85	7.51	1.23	0.19	0.00	28.98	-182	
0838	2.50	12.93	7.74	1.23	0.19	0.00	28.98	-169	
0843	3.20	12.98	7.63	1.23	0.08	0.00	28.98	-164	
0846	3.60	12.98	7.60	1.23	0.18	0.00	28.98	-164	
0859	-	-	-	-	-	-	28.95		Final
									NOTE: Water line leaking at head of well

Sample Information

SAMPLE DATE: 4/7/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: N. Warneke, A. Cochran

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW27042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): Clear, no sediment

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW27042015	0850	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel NW/AC

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW28	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Near I-40

WEATHER (wind/temp/ppt): 15-20 mph/60 F/dry

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
18.82 ft btoc	14.22 gal	50.3 ft btoc	39.4 - 49.4 ft btoc	5 sec on, 25 sec off, 25 psi, 125 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 5 sec on, 26 sec off, 25 psi

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/7/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1100	-	-	-	-	-	-	18.82	-	
1105	0.445	12.77	7.16	0.866	9.17	8.11	19.32	-152	89 mL/min
1110	0.890	12.80	7.08	0.849	2.29	4.35	19.32	-155	
1115	1.335	12.89	7.07	0.839	0.00	2.78	19.32	-145	
1120	1.780	12.89	7.08	0.831	0.11	2.04	19.32	-135	
1125	2.225	12.99	7.06	0.826	0.11	1.20	19.32	-124	
1130	2.670	12.97	7.07	0.832	0.00	0.72	19.32	-120	
1135	3.115	12.98	7.06	0.881	0.09	0.79	19.32	-118	
1140	3.560	13.02	7.05	0.890	0.01	0.73	19.32	-116	Collect sample

Sample Information

SAMPLE DATE: 4/7/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance, D. Larsen

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW28042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW28042015	1150	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel JDN/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW29	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: SE of Gate 51

WEATHER (wind/temp/ppt): 10-15 mph from the SW/partly cloudy

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
57.53 ft btoc	5.51 gal	61.7 ft btoc	50.6 - 60.6 ft btoc	Hand Bail or Grundfos

METHOD OF PURGING: Casing volume / hand bail

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 175 Hz

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/2/2015 Time	Total volume (Gal)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0826	Start purge	-	-	-	-	-	-	-	
0828	2	11.79	7.19	2.40	236.7	0.85	59.95	193	
0831	4	12.45	7.19	2.39	310.0	0.00	60.1	145	
0834	7	13.80	7.14	2.37	132.8	0.00	60.3	87	
0835	8	Well dry	-	-	-	-	60.5	-	pump dry
4/3/2015									
0935	-		7.43	2.20	87.65	9.41	57.65	194	

Sample Information

SAMPLE DATE: 4/3/2015

SAMPLE TYPE: grab composite

SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: Casing volume by hand bail

SAMPLE TEMP/pH/EC/TURB/DO: See last measurement listed on 4/2/2015

SAMPLE ID(s): TMW29042015

DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW29042015	0935	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW31S	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt): 10-15 mph from the south/50's F/partle

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
38.2 ft btoc	33.1 gal	62.9 ft btoc	51.2 - 61.2 ft btoc	170 Hz, Finish 196 hz

METHOD OF PURGING:	Casing volume / grundfos	INITIAL ORGANIC VAPOR METER READINGS: N/A	ACTUAL FIELD PUMP SETTINGS
DISPOSITION OF DISCHARGE WATER:	Discharged to evaporation tank		175 Hz
MONITORING EQUIPMENT USED:	Horiba U-52		

Well Purging Information

Date 4/2/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0913	Start purge	-	-	-	-	-	-	-	
0915	6	12.84	6.87	2.84	800	0.00	45.80	69	
0917	10	12.99	7.06	2.80	173.2	0.00	50.85	54	180 Hz
0919	14	13.19	7.08	2.80	134.8	0.00	53.00	38	190 Hz
0921	20	13.33	7.00	2.81	100.5	0.00	53.35	39	
0923	30	13.26	7.05	2.86	146.1	0.00	55.70	41	
0925	38	13.57	7.07	2.86	657.0	0.00	58.55	41	
0927	42	Well dry	-	-	-	-	61.00	-	pump dry
1259	-	15.02	7.11	2.81	>1000	5.53	54.00	152	return for sampling

Sample Information

SAMPLE DATE: 4/2/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: hand bail SAMPLE TEMP/pH/EC/TURB/DO: See measurement recorded at 0925

SAMPLE ID(s): TMW31S042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW31S042015	1305	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA8270D	SVOC's	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW33	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: West of Bldg #5

WEATHER (wind/temp/ppt): 40 F/clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
43.97 ft btoc	22.34 gal	60.7 ft btoc	39.8 - 59.8 ft	160 Hz

METHOD OF PURGING: Casing volume / grundfos

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 160 Hz

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0822	Start purge	-	-	-	-	-	-	-	
0827	10	15.31	7.07	9.75	91.96	0.00	45.64	14	
0830	14	16.25	7.02	9.04	47.43	0.00	46.67	32	
0833	18	16.48	7.01	8.50	9.98	0.00	47.18	48	
0836	23	16.99	7.00	9.04	9.02	0.00	48.07	42	170 Hz
0839	30	16.48	7.06	9.97	8.60	0.00	49.45	39	
0842	36	16.41	7.08	9.65	6.27	0.00	50.85	30	
0845	46	16.55	7.10	9.69	13.30	0.00	53.40	21	
0847	50	Well dry	-	-	-	-	54.70	-	Pump well dry
4/2/2015									
1143	-	15.56	7.01	9.24	25.00	3.73	43.90	162	Return for sample

Sample Information

SAMPLE DATE: 4/2/2015

SAMPLE TYPE: (grab) composite

SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: hand bail

SAMPLE TEMP/pH/EC/TURB/DO: See measurement recorded at 0845

SAMPLE ID(s): TMW33042015

DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW33042015	1145	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	8270D	SVOCs	Test America-Denver
		3	40-ml glass VOA	HCl	EPA 8015C	TPH-GRO	Test America-Denver
		2	1-L Amber glass	ice	EPA 8015C	TPH-DRO	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW34	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Next to Bldg 9

WEATHER (wind/temp/ppt): 55 F/calm

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
46.07 ft btoc	6.31 gal	60 ft btoc	37 to 57 ft btoc	10 sec on, 22 sec off, 36 psi, 250 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: 0.0

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/3/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1057	0	13.65	6.86	6.02	2.95	0.69	46.14	184	0.14 L/min
1103	0.84	14.39	6.84	5.65	1.17	0.00	46.16	191	
1108	1.54	14.52	6.85	5.63	0.72	0.00	46.17	194	
1113	2.24	14.69	6.86	5.61	0.63	2.89	46.20	200	
1118	2.94	14.82	6.87	5.60	0.89	3.14	46.20	204	
1123	3.64	14.95	6.87	5.59	1.49	3.08	46.20	204	
1128	4.34	14.97	6.87	5.59	0.83	3.13	46.20	207	
1130	-	-	-	-	-	-	46.15	-	Final

Sample Information

SAMPLE DATE: 4/3/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran, D. Larsen

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW34042015 DUPLICATE/BLANK SAMPLE ID(s): DTW34042015

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): Clear, no sediment

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW34042015	1130	3	40-ml glass VOA	HCl	EPA8260c	VOCs	Test America-Denver
		3	40-ml glass VOA	HCl	EPA 8015C	TPH-GRO	Test America-Denver
DTW34042015		2	1-L Amber glass	ice	EPA 8015C	TPH-DRO	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel AC/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW35	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: West of Bldg. 5

WEATHER (wind/temp/ppt): Breezy/low 40's F

OTHER NOTABLE FIELD CONDITIONS: Well is in the shade at the time of sampling

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
44.31 ft btoc	5.88 gal	57.3 ft btoc	37.3 - 57.3 ft btoc	25 psi, 5 sec on, 25 sec off, 110 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: 0.0

ACTUAL FIELD PUMP SETTINGS: 35 psi, 5 sec on, 44 sec off, 133 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/3/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0830	-	-	-	-	-	-	44.31	-	
0839	-	11.65	6.51	4.91	0.00	6.05	44.42	197	
0844	0.950	11.47	6.64	4.96	0.05	6.27	44.42	186	133.6 mL/min
0849	1.605	10.90	6.66	4.99	0.13	6.08	44.42	182	
0854	2.100	10.64	6.71	4.98	0.19	6.48	44.42	179	
0900	2.650	10.75	6.74	4.97	0.01	6.41	44.42	178	
0904	3.100	10.59	6.78	4.97	0.08	6.38	44.42	176	

Sample Information

SAMPLE DATE: 4/3/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: N. Warneke, JD Nance

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW35042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW35042015	0920	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA8270D	SVOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA8081A	Pesticides	Test America-Denver
		1	125-ml Poly w/syringe	ice **Field Filter**	EPA6860	Perchlorate	Test America-Denver
		3	40-ml glass VOA	HCl	EPA 8015C	TPH-GRO	Test America-Denver
		2	1-L Amber glass	ice	EPA 8015C	TPH-DRO	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel NW/JDN

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW39S	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt): 5-10 mph from the south/50's F/clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
36.06 ft btoc	26.23 gal	55.5 ft btoc	34.6 to 54.6 ft btoc	175 Hz

METHOD OF PURGING:	Casing volume / grundfos	INITIAL ORGANIC VAPOR METER READINGS: N/A	ACTUAL FIELD PUMP SETTINGS
DISPOSITION OF DISCHARGE WATER:	Discharged to evaporation tank		175 Hz
MONITORING EQUIPMENT USED:	Horiba U-52		

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1138	Start purge	-	-	-	-	-	-	-	
1140	5	13.76	7.40	3.89	424	4.78	40	85	
1142	9	13.71	7.44	3.91	21.09	6.76	43.6	68	
1144	16	14.19	7.46	3.96	157.5	5.50	50	59	
1145	20	Well dry	-	-	-	-	52.8	-	pump well dry
4/1/2015									
0905	-	14.09	7.39	3.93	25.80	3.13	40.8	141	

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: hand bail SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW39S042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW39S042015	0910	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW40S	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION: East of TNT leeching beds

WEATHER (wind/temp/ppt): Windy/50 F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
ft btoc	2.13 gal	62 ft btoc	52.6 to 62.6 ft btoc	HAND BAIL

METHOD OF PURGING: Casing volume / hand bail

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1317	0.4	16.85	7.61	3.88	162.2	12.01	60.41	142	Milky - clear
1320	1.0	15.59	7.47	3.98	510.4	9.71	60.8	142	
1326	1.4	15.61	7..48	3.96	845.5	7.95	61.4	144	
1334	1.7	15.50	7.53	4.00	1040	8.49	62.4	143	bail well dry
4/1/2015									
0807	-	-	-	-	-	-	61.08	-	return to sample (partial)
4/3/2015									
0850	-	-	-	-	-	-	61.43		Partial sample 4/2 and 4/3
									complete sampling 4/6

Sample Information

SAMPLE DATE: April 1, 2, 3, and 6, 2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: Casing volume by hand bail SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW40S042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID & Date	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW40S042015							
4/2/2015	0856	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
4/2/2015	0856	2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
4/6/2015	0830	1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
4/6/2015	0830	1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
4/1/2015	0807	2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
4/3/2015	1000	2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
4/1/2015	0807	1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
4/2/2015	0850	1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW41	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt): 10-15 mph/60's F/partly cloudy

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
41.1 ft btoc	35.80 gal	67.8 ft btoc	57.7 to 67.7 ft btoc	Grundfos; 190 Hz

METHOD OF PURGING: Casing volume / grundfos

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 190-200 Hz

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1452	Start purge	-	-	-	-	-	-	-	
1453	2	13.83	7.72	3.92	709.2	10.39	43.95	41	
1455	14	13.93	7.72	3.70	174.4	5.15	52.80	31	
1457	18	14.43	7.76	3.64	243.5	3.03	58.00	23	
1459	24	14.58	7.72	3.60	140.7	2.51	58.00	28	200 Hz
1504	38	13.95	7.68	3.97	137.6	2.49	58.00	43	220 Hz
1508	46	13.91	7.72	3.95	568.4	2.88	60.90	43	
1509	48	Well dry	-	-	-	-	63.30	-	Pump well dry
4/1/2015									
1223	-	15.10	7.81	3.59	-	1.02	43.23	99	Return to sample

Sample Information

SAMPLE DATE:

SAMPLE TYPE: (grab) composite

SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL:

SAMPLING METHOD: hand bail

SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW41042015

DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW41042015	1225	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW43	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION: SE of gate 51

WEATHER (wind/temp/ppt): Calm/cool 30's F/partly cloudy

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
53.66 ft btoc	11.70 gal	79.6 ft btoc	59.3 to 79.3 ft btoc	40 psi, 10 sec on, 20 sec off, 225 mL/min
METHOD OF PURGING:	BESST low-flow	INITIAL ORGANIC VAPOR METER READINGS: N/A		ACTUAL FIELD PUMP SETTINGS
DISPOSITION OF DISCHARGE WATER:	Discharged to evaporation tank			40 psi, 10 sec on, 20 sec off, 250 mL/min
MONITORING EQUIPMENT USED:	Horiba U-52			

Well Purging Information

Date 4/10/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0800	Start purge	-	-	-	-	-	-	-	
0805	1.25	11.82	7.10	2.31	2.63	0.00	53.70	142	
0810	2.50	11.93	7.12	2.31	0.00	0.00	53.71	136	
0815	3.75	11.92	7.14	2.32	0.00	0.00	53.70	133	
0820	5.00	11.80	7.13	2.33	0.00	0.00	53.70	131	
0825	6.25	11.55	7.11	2.34	0.00	0.00	53.70	131	Final

Sample Information

SAMPLE DATE: 4/102015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL:

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW43042015 DUPLICATE/BLANK SAMPLE ID(s): DTW43042015

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): TMW43042015MS

TMW43042015MSD

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW43042015	0825	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
DTW43042015		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
TMW43042015MS		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
TMW43042015MSD		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW44	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt): 10-15 mph/60's F/partly cloudy

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
52.70 ft btoc	18.06 gal	66.0 ft btoc	43.5 to 63.5 ft btoc	Grundfos; 190 Hz

METHOD OF PURGING: Casing volume / grundfos

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 195 Hz

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1417	Start purge	-	-	-	-	-	-	-	
1418	6	14.40	7.61	3.14	289.1	10.95	57.05	17	
1420	13	14.42	7.59	3.14	199.8	8.43	59.62	14	
1422	18	14.39	7.67	3.14	122.2	5.74	61.52	5	
1424	30	14.63	7.65	3.16	187.3	4.50	61.50	12	
	Well dry	-	-	-	-	-	-	-	Pump well dry
4/1/2015									
1013	-	13.16	7.58	3.12	37.95	2.03	52.7	140	return to sample

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL:

SAMPLING METHOD: hand bail SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW44042015 DUPLICATE/BLANK SAMPLE ID(s): TMW44042015EQU

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW44042015	1015	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
TMW44042015EQU		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		2	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW45	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION: East of bldg 1 (no ballards, new orange paint)

WEATHER (wind/temp/ppt): Calm/50's F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
47.36 ft btoc	6.5 gal	61.8 ft btoc	40 - 60 ft btoc	40 psi, 7 sec on, 53 sec off, 80 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/9/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1018	-	12.55	7.34	3.44	1.85	10.36	47.47	-154.00	115 mL/min
1022	0.46	12.53	7.37	3.57	2.78	7.74	47.52	-147.00	
1026	0.92	12.49	7.43	3.60	2.17	6.81	47.55	-132	
1031	1.50	12.68	7.45	3.61	2.01	6.28	47.53	-108	
1034	1.85	12.61	7.49	3.61	1.61	5.96	47.55	-93	
1039	2.45	12.68	7.53	3.61	1.51	5.30	47.55	-70	
1043	2.90	12.83	7.54	3.61	1.18	4.89	47.60	-54	
1047	3.35	12.90	7.58	3.60	0.99	4.43	47.55	-42	
1052	3.95	12.98	7.61	3.60	0.92	3.89	47.55	-30	
1058	4.65	13.08	7.63	3.60	0.79	3.34	47.55	-18	
1102	5.10	13.06	7.65	3.61	0.74	3.21	47.55	-16	
1107	5.60	13.01	7.67	3.60	0.59	3.60	47.55	-7	sample
1155	-	-	-	-	-	-	47.55	-	Final

Sample Information

SAMPLE DATE: 4/9/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran, N. Warneke

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW45042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): Clear, no odor

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW45042015	1110	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel AC/NW

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW46	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt):

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
42.00 ft btoc	22.97 gal	60.7 ft btoc	38.5-58.5 ft btoc	Grundfos; 185 Hz to 210 Hz

METHOD OF PURGING: Casing volume / grundfos

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 200 Hz

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/1/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0950	Start purge	-	-	-	-	-	-	-	
0952	8	13.62	7.24	5.06	34.03	7.52	48.00	54	
0955	28	14.07	7.20	5.01	109.3	0.00	53.4	32	
0958	44	14.06	7.26	5.00	96.25	0.00	54.81	26	
1001	56	-	-	-	-	-	56.20	-	Pump well dry
4/2/2015									
1217	-	14.97	7.97	5.22	14.97	1.94	43.96	154	return for sample

Sample Information

SAMPLE DATE: 4/2/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: hand bail SAMPLE TEMP/pH/EC/TURB/DO: See measurement recorded at 0958

SAMPLE ID(s): TMW46042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW46042015	1218	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel _____

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW47	Northern Area Alluvial

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION: To east of power lines + bldg 31 in open area

WEATHER (wind/temp/ppt): Calm/50's F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
46.33 ft btoc	26.68 gal	105.6 ft btoc	82.5-102.5 ft btoc	6 sec on, 35 sec off, 35 psi, 60 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/10/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0750	Begin purge; water in the discharge line is frozen				-	-	46.33	-	
0855	-	9.83	7.17	2.41	3.34	0.00	47.81	-47	
0858	0.20	10.27	7.37	2.36	2.33	0.00	47.95	-95	
0902	0.45	10.16	7.53	2.34	0.96	0.00	48.11	-131	
0906	0.70	11.03	7.66	2.33	0.30	0.00	48.29	-150	
0911	1.00	11.43	7.80	2.32	0.09	0.00	48.42	-163	
0915	1.25	11.75	7.94	2.30	0.29	0.00	48.53	-171	
0920	1.55	12.03	8.08	2.29	0.00	0.00	48.55	-178	
0925	1.85	12.38	8.32	2.29	0.00	0.00	48.65	-187	
0930	2.20	12.88	8.40	2.27	0.00	0.00	48.76	-188	

Sample Information

SAMPLE DATE: 4/10/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL A. Cochran, N. Warneke

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW47042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW47042015	0930	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel AC/NW

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW02	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Southeast of Gate 51

WEATHER (wind/temp/ppt): Calm/40 F/dry

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
55.78 ft btoc	12.72 gal	84.1 ft	69.3 - 83.3 ft	6 sec on, 24 sec off 35 psi, 100 mL/min
METHOD OF PURGING:	BESST low-flow	INITIAL ORGANIC VAPOR METER READINGS: 0.0 ppm		ACTUAL FIELD PUMP SETTINGS
DISPOSITION OF DISCHARGE WATER:	Discharged to evaporation tank			6 sec on, 40 sec off, 50 psi
MONITORING EQUIPMENT USED:	Horiba U-52			

Well Purging Information

Date 4/9/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0803	-	-	-	-	-	-	55.78	-	Ice in well
0820	0.795	12.18	7.24	4.39	3.31	5.68	56.47	160	141 mL/min
0825	1.495	11.93	7.26	4.39	1.47	3.42	56.47	153	
0830	2.195	11.92	7.25	4.38	0.13	3.68	56.47	151	
0835	2.895	11.54	7.30	4.42	0.00	3.62	56.47	140	
0840	3.595	11.59	7.30	4.41	0.00	3.58	56.47	141	
0845	4.295	11.51	7.30	4.40	0.01	3.63	56.47	140	Collect Sample
0925	-	-	-	-	-	-	56.47	-	Final

Sample Information

SAMPLE DATE: 4/9/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance, D. Larsen

SAMPLING METHOD: Casing Volume by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW02042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW02042015	0855	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel JDN/DL

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW14A	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt): High winds/55 F

OTHER NOTABLE FIELD CONDITIONS: Pump not easily mobed, stuck in place

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
64.99 ft btoc	21.2 gal	112.1 ft btoc	96.2 - 111.2 ft btoc	30 psi, 5 sec on, 55 sec off, 50 mL/min
METHOD OF PURGING:	BESST low-flow	INITIAL ORGANIC VAPOR METER READINGS: N/A		ACTUAL FIELD PUMP SETTINGS
DISPOSITION OF DISCHARGE WATER:	Discharged to evaporation tank			5 sec on, 25 sec off, 47 psi
MONITORING EQUIPMENT USED:	Horiba U-52			

Well Purging Information

Date 4/8/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0952	-	14.01	8.17	2.05	10.28	12.50	65.00	24	100 mL/min
0957	0.5	13.84	8.23	1.96	4.00	5.12	65.00	-91	
1002	1.0	13.51	8.67	1.80	1.99	0.00	65.00	-222	
1007	1.5	13.49	8.91	1.78	1.28	0.00	65.00	-219	
1012	2.0	13.49	9.05	1.78	0.59	0.00	65.00	-215	
1017	2.5	13.54	8.98	1.78	0.53	0.00	65.00	-216	
1022	3.0	13.58	8.94	1.78	0.68	0.00	65.00	-219	
1122	-	-	-	-	-	-	65.00	-	Final

Sample Information

SAMPLE DATE: 4/8/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: N. Warneke, A. Cochran

SAMPLING METHOD: Low flow by dedicated ZIST sample system SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW14A042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW14A042015	1025	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel NW/AC

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW16	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: SE of evaporation tank

WEATHER (wind/temp/ppt): 3-5 mph/65 F/clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
56.75 ft btoc	115 gal	142.2 ft btoc	126.2 - 141.2 ft btoc	60-80 psi

METHOD OF PURGING: Casing Volume / bennett/BESST

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 65-100 psi

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1118	-	13.30	9.26	2.13	4.52	3.62	56.75	-249	1.66 m/L/min
1123	8.33	13.00	8.66	1.69	7.61	0.00	104.98	-230	
1128	16.66	13.01	8.53	1.67	9.23	0.00	118.14	-202	
1133	24.99	12.93	8.44	1.72	26.78	0.00	128	-168	
1138	33.32	12.98	8.15	1.77	55.24	0.00	92	-173	
1140	36.64	Well dry	-	-	-	-	140.37	-	pump well dry
4/1/2015									
1216	6.20	13.20	6.99	1.77	32.74	3.80	111.92	134	Collect Sample
							126.53		Final

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance, D. Larsen

SAMPLING METHOD: Casing volume by dedicated Bennett Pump SAMPLE TEMP/pH/EC/TURB/DO: See measurement recorded at 1138

SAMPLE ID(s): TMW16042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW16042015	1225	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel JDN/DL

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW17	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt): Windy/65 F

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
63.45 ft btoc	30.16 gal	130.5 ft btoc	114.4 - 129.4 ft btoc	40 psi, 5 sec on, 55 sec off, 60 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 6 sec on, 40 sec off, 60 psi

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/7/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1324	-	15.88	7.60	2.07	0.93	4.98	64.50	-188	110 mL/min
1330	0.660	15.76	7.82	1.72	8.02	0.00	64.47	-256	110 mL/min
1335	1.20	15.77	7.93	1.67	4.62	0.00	64.47	-264	110 mL/min
1339	1.65	15.59	8.02	1.65	2.64	0.00	64.53	-269	110 mL/min
1344	2.10	15.51	8.10	1.64	1.87	0.00	64.53	-272	110 mL/min
1348	2.54	15.59	8.11	1.64	1.37	0.00	64.54	-272	110 mL/min
1415	-	-	-	-	-	-	64.56	-	Final

Sample Information

SAMPLE DATE: 4/7/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: A. Cochran, N. Warneke

SAMPLING METHOD: low flow by dedicated ZIST sample system SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW17042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW17042015	1350	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel AC/NW

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW18	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: East of evaporation tank

WEATHER (wind/temp/ppt): Calm/50 F/clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
55.57 ft btoc	141.96 gal	160.7 ft btoc	149.8 - 159.8 ft btoc	80-100 psi

METHOD OF PURGING: Casing volume / Bennett

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 60-90 psi

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/205 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0855	-	12.98	8.91	2.86	0.60	6.91	56.68	-312	
0900	8.80	12.83	8.95	2.86	0.83	3.61	107.81	-257	
0905	17.60	12.80	9.01	2.84	1.79	3.61	128.53	-146	
0910	26.40	12.81	8.75	2.82	3.01	2.57	137.78	-96	
0915	35.20	12.82	9.05	2.71	8.69	2.30	154.67	-76	
0917	38.22	-	-	-	-	-	-	-	Pump well dry
4/1/2015									
0825	-	-	-	-	-	-	137.87	-	
0830	-	12.53	7.39	2.79	5.77	8.96	139.68	133	Collect sample
	-	-	-	-	-	-	154.93		Final

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: D. Larsen, JD Nance

SAMPLING METHOD: Casing volume by dedicated Bennett Pump SAMPLE TEMP/pH/EC/TURB/DO: See measurement recorded at 0915

SAMPLE ID(s): TMW18042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW18042015	0835	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel DL/JDN

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW19	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: SW of evaporation tank

WEATHER (wind/temp/ppt): Calm/60 F/clear

OTHER NOTABLE FIELD CONDITIONS: **Sulfer smell**

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
43.19 ft btoc	195.44 gal	188 ft btoc	172 - 187 ft btoc	80 to 100psi

METHOD OF PURGING: Casing volume / Bennett

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1003	-	12.67	7.89	2.990	8.17	1.36	43.19	-198	1.875 L/min
1008	9.375	12.69	7.88	2.80	2.94	0.00	85.61	-307	
1013	18.750	12.66	8.17	2.79	4.17	0.00	101.73	-334	
1018	26.875	12.58	8.26	2.79	5.61	0.00	129.57	-338	1.792 L/min
1023	35.825	12.57	8.18	2.75	7.19	0.00	148.78	-328	
1028	44.785	12.63	8.22	2.71	8.93	0.00	161.88	-313	
1033	53.745	12.68	9.02	2.68	17.95	0.00	174.85	-297	
1038	62.705	12.85	8.35	2.73	88.46	0.00	182.43	-247	
1042	69.87	-	-	-	-	-	-	-	Well dry
4/1/2015									
0920	-	-	-	-	-	-	45.93	-	
0925	2.20	12.71	6.42	3.01	63.84	8.86	56.91	110	Collect sample
	-	-	-	-	-	-	68.18	-	Final

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance, D. Larsen

SAMPLING METHOD: Casing volume by dedicated Bennett Pump SAMPLE TEMP/pH/EC/TURB/DO: See measurement recorded at 1038

SAMPLE ID(s): TMW19042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW19042015	0940	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel JDN/DL

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW30	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt): 5-10 from south/50-60 F/clear and sunny

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
39.95 ft btoc	9.045 gal	46.65 ft btoc	37.3 - 47.3 ft btoc	175 Hz on Grunfos

METHOD OF PURGING: Casing volume / Grundfos

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 175 Hz

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1203	Start purge	-	-	-	-	-	-	-	
1204	4	14.30	7.35	2.25	8.98	1.85	41.45	19	
1207	14	13.41	7.31	2.18	29.63	1.66	43.87	48	
1209	17	-	-	-	-	-	-	-	Well dry
							44.00		Final
4/1/2015									
0935	-	13.94	7.31	2.23	28.96	4.46	39.92	139	Collect sample

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: hand bail SAMPLE TEMP/pH/EC/TURB/DO: See measurement recorded at 1207

SAMPLE ID(s): TMW30042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW30042015	0938	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	EPA8081A	Pesticides	Test America-Denver

Initials of sampling personnel TA/LH

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW31D	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt):

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
38.60 ft btoc	30.77 gal	107.3 ft btoc	78.5 - 108.5 ft btoc	50 psi, 9 sec on, 21 sec off, 2.80 mL/min

METHOD OF PURGING: BESST Low Flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/6/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1154	Start pump	-	-	-	-	-	-	-	
1156	Stop purge	-	-	-	-	-	-	-	Replace Horiba U-52 batteries
1158	Restart pump	-	-	-	-	-	-	-	
1200	1.12	13.38	7.82	3.11	3.95	1.89	38.81	49	
1203	1.96	13.48	7.77	2.89	0.00	1.48	39.00	49	
1206	2.8	13.41	7.61	2.70	0.00	1.63	39.01	56	
1209	3.64	13.42	7.57	2.68	0.00	1.58	39.00	57	
1212	4.48	13.39	7.49	2.63	0.00	1.43	39.00	61	

Sample Information

SAMPLE DATE: 4/6/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: See last measurement

SAMPLE ID(s): TMW31D042015 DUPLICATE/BLANK SAMPLE ID(s): DTW31D042015

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW31D042015		3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
	1215	2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	EPA8270D	SVOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA8081A	Pesticides	Test America-Denver

Initials of sampling personnel TA/LH

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW32	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Southeast of Gate 51

WEATHER (wind/temp/ppt): 10-15 mph from the south/50's F/clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
40.71 ft btoc	44.28 gal	139.1 ft btoc	118.4 - 138.4 ft btoc	45 psi, 5 sec on 25 sec off, 120 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 45 psi, 5 sec on 25 sec off, 120 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/7/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0953	Start purge	-	-	-	-	-	-	-	
0958	Stop purge	-	-	-	-	-	-	-	Well not holding pressure, control box leaking air
4/9/2015									
0808	Start purge	-	-	-	-	-	40.72	-	Ice in line, will work it out and restart
0827	Restart pump	-	-	-	-	-	-	-	42 psi, 5 sec on, 25 sec off, 136 mL/min
0832	0.68	11.03	6.15	3.73	12.53	0.00	40.81	-86	
0837	1.36	11.32	7.84	3.66	20.30	0.00	40.83	-186	
0842	2.04	11.74	8.00	3.47	17.66	0.00	40.86	-184	
0847	2.72	11.85	8.04	3.24	18.54	0.00	40.90	-174	
0852	3.40	11.99	8.05	3.18	21.74	0.00	40.91	-162	
0857	4.08	12.09	8.05	3.07	20.66	0.00	40.92	-164	

Sample Information

SAMPLE DATE: 4/7/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrrowood, L. Hill

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: see last measurement

SAMPLE ID(s): TMW32042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW32042015	0900	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	8270D	SVOCs	Test America-Denver
		2	1-L Amber glass	ice	8081A	Pesticides	Test America-Denver

Initials of sampling personnel TA/LH

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW36	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: North of TNT leaching beds

WEATHER (wind/temp/ppt): 15-20 pmh/70 F/clear

OTHER NOTABLE FIELD CONDITIONS: **Sulfur smell**

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
28.51 ft btoc	169.91 gal	154.3 ft btoc	132 - 152 ft btoc	75 psi

METHOD OF PURGING: Casing volume / Bennett

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 75 psi

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1300	-	-	-	-	-	-	28.51	-	2.5 L/min
1305	12.5	13.14	8.61	2.76	1.00	3.60	63.83	-258	
1310	25.0	12.95	8.51	2.75	8.44	0.00	89.69	-300	
1315	37.5	12.96	8.53	2.75	1.11	0.00	111.32	-306	
1320	50.0	12.99	8.45	2.74	1.56	0.00	122.07	-303	
1325	62.5	12.96	8.34	2.73	6.41	0.00	132.22	-289	
1330	75.0	13.01	8.60	2.72	44.48	0.00	143.70	-294	
1335	87.5	13.16	8.82	2.77	24.37	0.00	153.72	-260	
1336	Well dry	-	-	-	-	-	-	-	
4/1/2015	-	-	-	-	-	-	83.33	-	
1112	9.10	13.15	6.93	2.67	34.10	0.00	100.26	38.0	Collect sample
							118.67		Final

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance, D. Larsen

SAMPLING METHOD: Casing volume by dedicated Bennett Pump SAMPLE TEMP/pH/EC/TURB/DO: see measurement recorded at 1335

SAMPLE ID(s): TMW36042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW36042015	1125	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	EPA8270D	SVOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver

Initials of sampling personnel JDN/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW37	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Southwest of TNT beds

WEATHER (wind/temp/ppt): 0-5 mph with gusts to 10 mph/70 F/clear

OTHER NOTABLE FIELD CONDITIONS: **4/1/2015 winds of 25 mph with gusts to 30 mph**

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
46.76 ft btoc	86.33 gal	110.7 ft btoc	90.2 - 110.2 ft btoc	75 psi

METHOD OF PURGING: Casing volume / Bennett

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 3/31/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1212	-	13.21	8.64	3.03	3.86	0.62	46.76	-232	2.30 L/min
1217	11.50	13.00	7.55	2.16	1.10	0.00	93.72	-238	
1222	23.00	13.04	7.96	2.22	15.91	0.00	101.48	-239	
1225	27.60	-	-	-	-	-	-	-	Well dry
4/1/2015									
1025	-	-	-	-	-	-	68.35	-	Collect sample
1030	9.80	12.99	7.04	2.18	2.56	2.56	85.64	19	
	-	-	-	-	-	-	96.52	-	Final

Sample Information

SAMPLE DATE: 4/1/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: JD Nance, D. Larsen

SAMPLING METHOD: Casing volume by dedicated Bennett Pump SAMPLE TEMP/pH/EC/TURB/DO: see measurement recorded at 1222

SAMPLE ID(s): TMW37042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW37042015	1035	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver
		2	1-L Amber glass	ice	8270D	SVOCs	Test America-Denver
		2	1-L Amber glass	ice	8081A	Pesticides	Test America-Denver

Initials of sampling personnel JDN/DL

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW38	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: Southeast of Gate 51

WEATHER (wind/temp/ppt): 15-25 mph from the south/40-50's F/clear

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
50.95 ft btoc	30.36 gal	115 ft btoc	121.4 - 161.4 ft btoc	30 psi, 4 sec on, 56 sec off, 28 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

drawdown 4-5', 40 psi, 5 sec on, 25 sec off, 70 mL/min

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/8/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0810	Start bailing	-	-	-	-	-	-	-	
0835	28	Called John Nance; need to pump with BESST; bailing will take more time than low flow; might use Grundfo							
0935	Restart purge, purge at higher rate to drawdown to get stabilization at higher flow rate						51.60	-	
0953	7.00	12.45	7.88	2.91	>1000	0.00	53.55	-98	10 sec on 10 off, 40 psi 360 mL/min
1000	12.00	12.44	7.92	2.80	608	0.00	54.71	-105	6 sec on, 59 off, 40 psi, 45 mL/min
1010	13.00	12.25	7.92	2.77	145.7	0.00	54.28	-103	5 sec on, 25 off, 40 psi, 70 mL/min
1015	13.38	12.04	7.92	2.71	133.7	0.00	54.22	-101	
1020	13.75	12.03	7.92	2.69	102.3	0.00	54.22	-105	
1025	14.13	12.10	7.92	2.67	99.66	0.00	54.22	-109	
1030	14.50	12.10	7.92	2.66	96.56	0.00	54.22	-111	

Sample Information

SAMPLE DATE: 4/8/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: L. Hill, T. Arrowood

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: see last measurement

SAMPLE ID(s): TMW38042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW38042015	1032	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW39D	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt):

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
35.85 ft btoc	30.08 gal	102.8 ft btoc	72.1 - 102.1 ft btoc	40 psi, 7 sec on, 23 sec off, 340 mL/min

METHOD OF PURGING:	BESST low-flow	INITIAL ORGANIC VAPOR METER READINGS: N/A	ACTUAL FIELD PUMP SETTINGS
DISPOSITION OF DISCHARGE WATER:	Discharged to evaporation tank		50 psi, 8 sec on, 22 sec off, 300 mL/min
MONITORING EQUIPMENT USED:	Horiba U-52		

Well Purging Information

Date 4/6/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
0915	Start purge	-	-	-	-	-	-	-	H_2S odor
0920	1.7	13.22	6.72	3.83	29.60	3.19	36.70	-85	Change settings: 8 sec on 22 off
0923	2.75	11.70	7.73	3.67	24.55	4.03	36.85	-95	
0926	3.6	11.96	7.94	3.38	7.09	2.61	36.85	-40	
0929	4.5	11.97	7.96	3.31	5.35	4.89	36.85	-27	
0932	5.4	11.84	7.97	3.31	3.29	2.60	36.85	-20	
0935	6.3	11.72	7.97	3.32	0.42	2.70	36.85	-12	
0938	7.2	11.80	7.95	3.29	0.86	2.72	36.85	-11	sample
	-	-	-	-	-	-	36.90	-	Final

Sample Information

SAMPLE DATE: 4/6/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: see last measurement

SAMPLE ID(s): TMW39D042015 DUPLICATE/BLANK SAMPLE ID(s): DTMW39D042015

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW39D042015	0940	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
DTMW39D042015		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW40D	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

Sundance Consulting Inc.

LOCATION DESCRIPTION: East of gate 51

WEATHER (wind/temp/ppt): 50's F/partly cloudy

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
33.59 ft btoc	56.05 gal	158.1 ft btoc	137.3 - 157.3 ft btoc	40psi, 9 sec on, 11 sec off, 170 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 40psi, 9 sec on, 11 sec off, 170 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/9/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1150	Start purge	-	-	-	-	-	-	-	
1155	0.875	15.44	7.93	2.93	0.72	0.54	33.59	-154	
1200	1.750	14.26	7.91	2.93	0.00	0.00	33.59	-182	
1205	2.625	14.05	7.89	2.94	0.00	0.00	33.59	-168	
1210	3.500	13.88	7.88	2.95	0.00	0.00	33.59	-162	
1215	4.375	13.82	7.87	2.96	0.00	0.00	33.59	-159	

Sample Information

SAMPLE DATE: 4/9/20115 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: see last measurement

SAMPLE ID(s): TMW40D042015 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW40D042015	1216	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW48	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION:

WEATHER (wind/temp/ppt):

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
37.07 ft btoc	25.40 gal	93.5 ft btoc	73 - 93 ft btoc	10 sec on, 10 sec off, 30 psi, 260 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS: 10 sec on, 10 sec off, 30 psi, 250 mL/min

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/6/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (mV)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1048	Start purge	-	-	-	-	-	-	-	
1053	1.25	13.15	7.68	2.71	27.63	0.51	37.07	90	
1056	2.00	12.76	7.61	2.76	13.90	0.58	37.07	90	
1059	2.75	12.64	7.52	2.75	0.93	0.63	37.07	92	
1102	3.50	12.60	7.44	2.74	3.19	0.71	37.07	94	
1105	4.25	12.61	7.44	2.71	2.73	0.68	37.07	93	

Sample Information

SAMPLE DATE: 4/6/2015 SAMPLE TYPE: (grab) composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: see last measurement

SAMPLE ID(s): TMW48042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW48042015	1106	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Filter**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

Sundance Consulting Inc.

PROJECT NUMBER	WELL ID	LOCATION
496810.01.09.01	TMW49	Northern Area Bedrock

GROUNDWATER SAMPLING FIELD DATA SHEET
FORT WINGATE DEPOT ACTIVITY

LOCATION DESCRIPTION: Southern part of northern area

WEATHER (wind/temp/ppt):

OTHER NOTABLE FIELD CONDITIONS:

INITIAL DEPTH TO WATER:	PURGE VOLUME CALCULATION:	TOTAL DEPTH OF WELL:	SCREENED INTERVAL:	RECOMMENDED PUMP SETTINGS
45.20 ft btoc	7.63 gal	63 ft btoc	42.5 - 62.5 ft btoc	35 psi, 4 sec on, 26 sec off, 100 mL/min

METHOD OF PURGING: BESST low-flow

INITIAL ORGANIC VAPOR METER READINGS: N/A

ACTUAL FIELD PUMP SETTINGS

DISPOSITION OF DISCHARGE WATER: Discharged to evaporation tank

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/9/2015 Time	Total volume (L)	± 10% Temp (°C)	± 0.5 pH	± 10% Conductivity (mS/cm)	± 10% or <1 Turbidity (NTU)	± 10% or <1.0 DO (mg/L)	DTW (ft)	± 10 ORP (mV)	Remarks (color, odor, sheen, sediment, etc.)
1005	Start purge	-	-	-	-	-	-	-	
1010	0.50	11.62	7.74	2.93	1.75	4.49	45.42	79	
1015	1.00	11.72	7.34	3.25	0.00	2.05	45.55	76	
1020	1.50	11.74	7.36	3.27	0.00	1.97	45.61	77	
1025	2.00	11.81	7.42	3.27	0.00	0.95	45.76	79	
1030	2.50	11.84	7.42	3.22	0.00	1.07	45.75	81	
							45.78		Final

Sample Information

SAMPLE DATE: 4/9/2015 SAMPLE TYPE: grab composite SAMPLE MATRIX: Groundwater

SAMPLING PERSONNEL: T. Arrowood, L. Hill

SAMPLING METHOD: Low-flow by dedicated Blatypus pneumatic pump SAMPLE TEMP/pH/EC/TURB/DO: see last measurement

SAMPLE ID(s): TMW49042015 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method		Laboratory
TMW49042015	1031	3	40-ml glass VOA	HCl	EPA8260C	VOCs	Test America-Denver
		2	1-L Amber glass	ice	EPA 8270D	SVOCs	Test America-Denver
		2	500-ml Amber glass	ice	EPA 8330B	Explosives	Test America-Denver
		1	500-ml Poly	ice	EPA 9056	NO2/NO3	Test America-Denver
		1	125-ml Poly w/Syringe	ice **Field Form**	EPA 6860	Perchlorate	Test America-Denver
		2	1-L Amber glass	ice	EPA 8081A	Pesticides	Test America-Denver
		1	500-ml Poly	HNO3	6010C/6020A/7470A	Tot. Metals	Test America-Denver
		1	500-ml Poly	HNO3-**Field Filter**	6010C/6020A/7470A	Dis. Metals	Test America-Denver

Initials of sampling personnel TA/LH

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7

280-67267 Chain of Custody

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-001
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 2 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW41042014	4/1/2015	1225	grab	GW	3	N							3												
FW31042014	4/1/2015	0820	grab	GW	3	N							3												
TMW30042014	4/1/2015	0938	grab	GW	3	N							3												
TMW39S042014	4/1/2015	0910	grab	GW	3	N							3												
TMW44042014	4/1/2015	1015	grab	GW	3	N							3												
TMW07042014	4/1/2015	1015	grab	GW	3	N							3												
TMW23042014	4/1/2015	1200	grab	GW	3	N							3												
TMW22S042014	4/1/2015	1055	grab	GW	3	N							3												Partial Sample, will collect more bottles
BGMW03042014	4/1/2015	1247	grab	GW	3	N							3												
MW01042014	4/1/2015	1050	grab	GW	6	N							3				3								
MW22S042014	4/1/2015	0915	grab	GW	3	N											3								Partial Sample, will collect more bottles
MW02042014	4/1/2015	0940	grab	GW	6	N							3				3								Partial Sample, will collect more bottles

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments: 2.4, 1.6, 4.0, 3.8, 3.6, 0.1, 3.8, 1.6, 1.7, 2.3, 3.1, 4.6, 2.1, 3.9, 0.9, 3.6
IRSTOR 02Apr15 Transferred by

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500		TAD	02Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-001
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	2 of 2 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TB-01-042015	4/1/2015	0800	grab	GW	2	N							2												
TMW18042014	4/1/2015	0835	grab	GW	3	N							3												
TMW19042014	4/1/2015	0940	grab	GW	3	N							3												
TMW36042014	4/1/2015	1125	grab	GW	3	N							3												
TMW37042014	4/1/2015	1035	grab	GW	3	N							3												
TMW16042014	4/1/2015	1225	grab	GW	5	N							3	2											
TB-40-042015	4/1/2015	0800	grab	GW	2	N											2								
FW35042014	4/1/2015	1443	grab	GW	3	N							3												Partial Sample, will collect more bottles

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500	[illegible]	TAD	0945 02 Apr 15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-002
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW41042014	4/1/2015	1225	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500		TAD	0945 02 Apr 15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-003
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
FW31042014	4/1/2015	0820	grab	GW	9	Y	2	1		1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500	[illegible]	TAD	0945 02Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-005
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW30042014	4/1/2015	0938	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500		TAD	8945 02Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-004
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW39S042014	4/1/2015	0910	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500	[illegible]	TAD	0945 02Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-006
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW44042014	4/1/2015	1015	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500		TAD	0945 02Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-007
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW07042014	4/1/2015	1130	grab	GW	7	Y	2	1		1	1			2											
TMW40S042014	4/1/2015	0807	grab	GW	3	N				1				2											Partial Sample, will collect more bottles

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500	[illegible]	TAD	0945 02Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-008
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW23042014	4/1/2015	1200	grab	GW	8	Y	2	1	1	1	1	2													
MW22S042014	4/1/2015	0915	grab	GW	3	N	2	1																	Partial Sample, will collect more bottles

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500	[signature]	TAD	0945 02APR15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-009
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW22042014	4/1/2015	1055	grab	GW	8	Y	2	1	1	1	1			2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500		TA	0945 02Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-010
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Comppounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
BGMW03042014	4/1/2015	1247	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500	[signature]	TAD	0945 02Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-011
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	__1__ of __1__ COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) ___W___			
505 835 7660 PHONE	TAT if different from Below __15__			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW01042014	4/1/2015	1050	grab	GW	10	Y	2	1	1	1	1	2				2									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For __60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500	[signature]	TAD	0945 02Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-012
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW02042014	4/1/2015	0940	grab	GW	9	Y	2	1		1	1	2				2									Partial Sample, will collect more bottles

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500	[illegible]	TAD	0945 02Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-013
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	__1__ of __1__ COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) ___W___			
505 835 7660 PHONE	TAT if different from Below __15__			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW18042014	4/1/2015	0835	grab	GW	8	Y	2	1	1	1	1			2											
TMW19042014	4/1/2015	0940	grab	GW	7	Y	2		1	1	1			2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For __60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500	[illegible]	TAD	0945 02Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-014
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW36042014	4/1/2015	1125	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500	[illegible]	TAD	0945 02Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-015
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW37042014	4/1/2015	1035	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Allsworth	Sundance	4/1/15 1500		TAD	0945 02APR15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/1/15	COC No: FWDAAPR15-016
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
Project Name: Fort Wingate	☐ 2 weeks			
Site: Fort Wingate, New Mexico	☐ 1 week			
P O #	☐ 2 days			
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
FW35042014	4/1/2015	1443	grab	GW	4	N	2							2											Partial Sample, will collect more bottles
TMW16042014	4/1/2015	1225	grab	GW	5	Y	2		1	1	1														

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/1/15 1500		TAD	0945 02Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-717

280-67366 Chain of Custody

hain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/3/15	COC No: FWDAAPR15-028
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 2 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Comppounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW21042015	4/3/2015	1126	grab	GW	3	N							3												
TMW29042015	4/3/2015	0935	grab	GW	9	Y	2	1	1	1	1		3												
TB-03-042015	4/2/2015	0800	grab	GW	2	N							2												
TMW34042014	4/3/2015	1130	grab	GW	6	N							3				3								
DTW34042014	4/3/2015	1130	grab	GW	6	N							3				3								
MW20042015	4/3/2015	0920	grab	GW	6	N							3				3								
TB-42-042015	4/2/2015	0800	grab	GW	2	N											2								
MW03042015	4/3/2015	1240	grab	GW	6	N							3				3								
TMW35042015	4/3/2015	0920	grab	GW	6	N							3				3								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

0.7, 0.1, 4.6, 1.3, 1.0, 1.6 IRSTO.2 04Apr15
Transferred by (*)

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/3/15 1500		TAD	0950 04Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/3/15	COC No: FWDAAPR15-029
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			
	☐ 2 weeks			SDG No.
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Comppounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW21042015	4/3/2015	1126	grab	GW	6	Y	2	1	1	1	1														
MW22S042014	4/3/2015	1230	grab	GW	2	N						2													Partial Sample, will collect more bottles 1 and a half L in sample bottles
TMW40S042014	4/3/2015	1230	grab	GW	2	N						2													Partial Sample, will collect more bottles

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/3/15 1500	[signature]	TAP	0950 04Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/3/15	COC No: FWDAAPR15-031
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			
	☐ 2 weeks			SDG No.
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Comppounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW34042014	4/3/2015	1130	grab	GW	6	Y		1	1	1	1					2									
DTW34042014	4/3/2015	1130	grab	GW	6	Y		1	1	1	1					2									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/3/15 1500	[illegible]	TAD	0950 04Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/3/15	COC No: FWDAAPR15-030
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW20042015	4/3/2015	0920	grab	GW	8	N	2					2		2		2									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Surbrace	4/3/15 1500	[signature]	TAD	0950 04Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/3/15	COC No: FWDAAPR15-032
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	__1__ of __1__ COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) ___W___			
505 835 7660 PHONE	TAT if different from Below __15__			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW03042015	4/3/2015	1240	grab	GW	8	Y	2	1	1	1	1					2									
MW20042015	4/3/2015	0920	grab	GW	4	Y		1	1	1	1														

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For __60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/3/15 1500		TAD	0950 04Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/3/15	COC No: FWDAAPR15-033
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Comppounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW35042015	4/3/2015	0920	grab	GW	10	N		1	1	1	1	2		2		2									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/3/15 1500	[illegible]	TAD	0850 04/7/15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-71

280-67438 Chain of Custody

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/6/15	COC No: FWDAAPR15-034
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW31D042015	4/6/2015	1215	grab	GW	3	N							3												
TMW39D042015	4/6/2015	0940	grab	GW	3	N							3												
TMW48042015	4/6/2015	1106	grab	GW	3	N							3												
DTW39D042015	4/6/2015	0940	grab	GW	3	N							3												
TB-04-042014	4/6/2015	0800	grab	GW	2	N							2												
TB-43-042014	4/6/2015	0800	grab	GW	2	N											2								
MW24042015	4/6/2015	1240	grab	GW	3	N							3												
DMW24042015	4/6/2015	1240	grab	GW	3	N							3												
MW22D042015	4/6/2015	1030	grab	GW	6	N							3				3								
MW22D042015MS	4/6/2015	1030	grab	GW	6	N							3				3								
MW22D042015MSD	4/6/2015	1030	grab	GW	6	N							3				3								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments: 3.3, 4.1, 4.1, 2.4, 5.3, 2.2, 0.2, 0.2, 0.1, 4.9, 3.4 IRSto.2 07Apr15
Transferred by

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/6/15 1500		TAD	1010 07Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/6/15	COC No: FWDAAPR15-036
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW31D042015	4/6/2015	1215	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/6/15 1500	[illegible]	TAD	1010 07 Apr 15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/6/15	COC No: FWDAAPR15-038
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	__1__ of __1__ COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) ___W___			
505 835 7660 PHONE	TAT if different from Below __15__			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW39D042015	4/6/2015	0940	grab	GW	4	N						2		2											
DTW39D042015	4/6/2015	0940	grab	GW	4	N						2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For __60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/6/15 1500		TAD	1010 07Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/6/15	COC No: FWDAAPR15-035
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW48042015	4/6/2015	1106	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/6/15 1500		TAD	1010 07Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/6/15	COC No: FWDAAPR15-037
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW39D042015	4/6/2015	0940	grab	GW	6	Y	2	1	1	1	1														
DTW39D042015	4/6/2015	0940	grab	GW	6	Y	2	1	1	1	1														

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/6/15 1500	[illegible]	TAD	1010 07 Apr 15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/6/15	COC No: FWDAAPR15-040
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW24042015	4/6/2015	1240	grab	GW	4	N						2		2											
DMW24042015	4/6/2015	1240	grab	GW	4	N						2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/6/15 1500		TAD	1010 07 Apr 15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/6/15	COC No: FWDAAPR15-039
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW24042015	4/6/2015	1240	grab	GW	6	Y	2	1	1	1	1														
DMW24042015	4/6/2015	1240	grab	GW	6	Y	2	1	1	1	1														

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/6/15 1500	[illegible]	TAD	1010 07Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/6/15	COC No: FWDAAPR15-042
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW22D042015	4/6/2015	1030	grab	GW	3	N		1						2											
MW22D042015MS	4/6/2015	1030	grab	GW	3	N		1						2											
MW22D042015MSD	4/6/2015	1030	grab	GW	3	N		1						2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/6/15 1500	[illegible]	TAD	1010 07Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/6/15	COC No: FWDAAPR15-044
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			
	☐ 2 weeks			SDG No.
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW22S042015	4/6/2015	0930	grab	GW	3	N				1						2									
TMW40S042015	4/6/2015	0830	grab	GW	2	Y		1	1																
MW22D042015	4/6/2015	1030	grab	GW	2	N	2																		
MW22D042015MS	4/6/2015	1030	grab	GW	2	N	2																		
MW22D042015MSD	4/6/2015	1030	grab	GW	2	N	2																		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Armwood	Sundance	4/6/15 1500	[signature]	TAD	1010 07Apr15

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/6/15	COC No: FWDAAPR15-041
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Comppounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW22D042015	4/6/2015	1030	grab	GW	4	Y			1		1					2									
MW22D042015MS	4/6/2015	1030	grab	GW	4	Y			1		1					2									
MW22D042015MSD	4/6/2015	1030	grab	GW	4	Y			1		1					2									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/6/15 1500		TAD	1010 07Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/6/15	COC No: FWDAAPR15-043
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Comppounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW22D042015	4/6/2015	1030	grab	GW	3	N				1		2													
MW22D042015MS	4/6/2015	1030	grab	GW	3	N				1		2													
MW22D042015MSD	4/6/2015	1030	grab	GW	3	N				1		2													

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
				TAD	1010 07 Apr 15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

2.3, 0.1, 4.6, 0.1,
3.3, 1.1, 0.8 + 0.2
IR-5 4/8/15 TCD

Chain of Custody Re

280-67484 Chain of Custody

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
America Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/7/15	COC No: FWDAAPR15-045
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 2 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW28042015	4/7/2015	1150	grab	GW	3	N							3												
TMW27042015	4/7/2015	0850	grab	GW	3	N							3												
TMW25042015	4/7/2015	0950	grab	GW	3	N							3												
TB-05-042015	4/7/2015	0800	grab	GW	3	N							3												
MW23042015	4/7/2015	0940	grab	GW	2	N							2												
MW23042015MS	4/7/2015	0940	grab	GW	3	N							3												
MW23042015MSD	4/7/2015	0940	grab	GW	3	N							3												
DMW23042015	4/7/2015	0940	grab	GW	3	N							3												
DTW26042015	4/7/2015	1355	grab	GW	3	N							3												
TMW10042015	4/7/2015	1140	grab	GW	3	N							3												
TMW01042015	4/7/2015	0905	grab	GW	3	N							3												
TMW26042015	4/7/2015	1355	grab	GW	3	N							3												

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sunbank	4/7/15 1500	[signature]	TAD	4/8/15 910

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/7/15	COC No: FWDAAPR15-045
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	2 of 2 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW17042015	4/7/2015	1350	grab	GW	7	Y		1	1	1	1		3												

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arlowood	Sundance	4/7/15 1500	[illegible]	TAD	4/8/15 910

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/7/15	COC No: FWDAAPR15-049
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW23042015	4/7/2015	0940	grab	GW	3	N	2	1																	
MW23042015MS	4/7/2015	0940	grab	GW	3	N	2	1																	
MW23042015MSD	4/7/2015	0940	grab	GW	3	N	2	1																	
DMW23042015	4/7/2015	0940	grab	GW	3	N	2	1																	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/7/15 1500	[signature]	AP	4/8/15 910

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/7/15	COC No: FWDAAPR15-047
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	__1__ of __1__ COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) ___W___			
505 835 7660 PHONE	TAT if different from Below __15__			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW23042015	4/7/2015	0940	grab	GW	2	N								2											
MW23042015MS	4/7/2015	0940	grab	GW	2	N								2											
MW23042015MSD	4/7/2015	0940	grab	GW	2	N								2											
DMW23042015	4/7/2015	0940	grab	GW	2	N								2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For __60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/7/15 1500	[illegible]	TAD	4/8/15 910

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/7/15	COC No: FWDAAPR15-051
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW26042015	4/7/2015	1355	grab	GW	6	Y	2	1	1	1	1														
DTW26042015	4/7/2015	1355	grab	GW	6	Y	2	1	1	1	1														

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/7/15 1500	[illegible]	TAD	4/8/15 910

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/7/15	COC No: FWDAAPR15-050
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW10042015	4/7/2015	1140	grab	GW	6	Y	2	1	1	1	1														
TMW01042015	4/7/2015	0905	grab	GW	6	Y	2	1	1	1	1														
MW23042015	4/7/2015	0940	grab	GW	1	N				1															
MW23042015MS	4/7/2015	0940	grab	GW	1	N				1															
MW23042015MSD	4/7/2015	0940	grab	GW	1	N				1															
DMW23042015	4/7/2015	0940	grab	GW	1	N				1															

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/7/15 1500	[illegible]	TAD	4/8/15 910

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/7/15	COC No: FWDAAPR15-048
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
MW23042015	4/7/2015	0940	grab	GW	2	N						2													
MW23042015MS	4/7/2015	0940	grab	GW	2	N						2													
MW23042015MSD	4/7/2015	0940	grab	GW	2	N						2													
DMW23042015	4/7/2015	0940	grab	GW	2	N						2													

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/7/15 1500	[signature]	TAD	4/8/15 910

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/7/15	COC No: FWDAAPR15-046
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW28042015	4/7/2015	1150	grab	GW	2	N				1	1														
TMW27042015	4/7/2015	0850	grab	GW	3	Y			1	1	1														
TMW25042015	4/7/2015	0950	grab	GW	5	Y	2	1		1	1														
MW23042015	4/7/2015	0940	grab	GW	2	Y			1		1														
MW23042015MS	4/7/2015	0940	grab	GW	2	Y			1		1														
MW23042015MSD	4/7/2015	0940	grab	GW	2	Y			1		1														
DMW23042015	4/7/2015	0940	grab	GW	2	Y			1		1														

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/7/15 1500	[illegible]	TAD	4/8/15 910
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

280-67561 Chain of Custody

ain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/8/15	COC No: FWDAAPR15-052
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TB-06-042015	4/8/2015	0800	grab	GW	2	N							2												
TB-44-042015	4/8/2015	0800	grab	GW	2	N											2								
TMW14A042015	4/8/2015	1025	grab	GW	3	N							3												
TMW11042015	4/8/2015	0900	grab	GW	3	N							3												
MW18D042015	4/8/2015	1210	grab	GW	6	N							3				3								
MW22S042015	4/8/2015	1310	grab	GW	1	Y					1														
TMW15042015	4/8/2015	1250	grab	GW	3	N							3												
DTW15042015	4/8/2015	1250	grab	GW	3	N							3												
TMW38042015	4/8/2015	1032	grab	GW	3	N							3												
SMW01042015	4/8/2015	1045	grab	GW	3	N							3												
TMW08042015	4/8/2015	0920	grab	GW	6	N							3				3								
TMW24042015	4/8/2015	1345	grab	GW	3	N							3												

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments: 1.1, 4.3, 3.3, 3.4, 1.2, 1.2, 1.4, 4.2, 1250.2
09Apr15 Transferred by

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/8/15 1500		TAD	0900 9Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/8/15	COC No: FWDAAPR15-053
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW14A042015	4/8/2015	1025	grab	GW	7	Y	2	1		1	1			2											
TMW11042015	4/8/2015	0900	grab	GW	6	Y	2	1	1	1	1														

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Allowood	Sundance	4/8/15 1500		TAD	0900 9 Apr 15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/8/15	COC No: FWDAAPR15-056
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	__1__ of __1__ COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) ___W___			
505 835 7660 PHONE	TAT if different from Below __15__			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW15042015	4/8/2015	1250	grab	GW	6	Y		1	1	1	1			2											
DTW15042015	4/8/2015	1250	grab	GW	6	Y		1	1	1	1			2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For __60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Accomando	Sundance	4/8/15 1500		TAD	0900 9Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/8/15	COC No: FWDAAPR15-055
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			
	☐ 2 weeks			SDG No.
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW38042015	4/8/2015	1032	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Allwood	Sundance	4/8/15 1500	[signature]	TAD	0900 9Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/8/15	COC No: FWDAAPR15-057
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6850	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
SMW01042015	4/8/2015	1045	grab	GW	8	Y	2	1	1	1	1			2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/8/15 1500		TAD	0900 9Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/8/15	COC No: FWDAAPR15-058
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW08042015	4/8/2015	0920	grab	GW	8	Y		1	1	1	1	2				2									

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/8/15 1500		TAD	900 9Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/8/15	COC No: FWDAAPR15-059
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW24042015	4/8/2015	1345	grab	GW	8	Y	2	1	1	1	1	2													

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/8/15 1500		TAD	9AP 9Apr15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/8/15	COC No: FWDAAPR15-054
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW18D042015	4/8/2015	1210	grab	GW	8	Y	2	1	1	1	1					2									
TMW15042015	4/8/2015	1250	grab	GW	2	N	2																		
DTW15042015	4/8/2015	1250	grab	GW	2	N	2																		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Ackerson	Sunstate	4/8/15 1500		TAD	0900 9 Apr 15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

1.6, 0.1, 3.2, 3.6, 0.1, 0.3, 09, 3.3 + 0.2 LRS
4/10/15 CO

Chain of Custody R

280-67662 Chain of Custody

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
America Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 [illegible]	Date: 4/9/15	COC No: FWDAAPR15-060
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TB-07-042015	4/9/2015	0800	grab	GW	2	N							2												
TMW04042015	4/9/2015	1200	grab	GW	3	N							3												
TMW40D042015	4/9/2015	1210	grab	GW	3	N							3												
TMW49042015	4/9/2015	1031	grab	GW	3	N							3												
TMW32042015	4/9/2015	0900	grab	GW	3	N							3												
TMW02042015	4/9/2015	0855	grab	GW	3	N							3												
TMW03042015	4/9/2015	1035	grab	GW	3	N							3												
TMW45042015	4/9/2015	1110	grab	GW	3	N							3												
TMW13042015	4/9/2015	0925	grab	GW	7	Y		1	1	1	1		3												
TMW06042015	4/9/2015	1310	grab	GW	3	N							3												

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/9/15 1500	[illegible]	TAD	4/10/15 980
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/9/15	COC No: FWDAAPR15-062
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW40D042015	4/9/2015	1210	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/9/15 1500	[signature]	TAD	4/10/15 930

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/9/15	COC No: FWDAAPR15-065
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW02042015	4/9/2015	0855	grab	GW	6	Y	2	1	1	1	1														
TMW03042015	4/9/2015	1035	grab	GW	6	Y	2	1	1	1	1														

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/9/15 1500	[illegible]	TAD	4/10/15 930

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/9/15	COC No: FWDAAPR15-061
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	__1__ of __1__ COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) ___W___			
505 835 7660 PHONE	TAT if different from Below __15__			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW04042015	4/9/2015	1200	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For __60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/9/15 1500	[signature]	TAP	4/10/15 930

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/9/15	COC No: FWDAAPR15-067
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW06042015	4/9/2015	1310	grab	GW	7	Y	2	1		1	1			2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sradance	4/9/15 1500	[illegible]	TAD	4/10/15 930

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/9/15	COC No: FWDAAPR15-064
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Comppounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW32042015	4/9/2015	0900	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/9/15 1500	[illegible]	TAD	4/10/15 930

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/9/15	COC No: FWDAAPR15-066
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW45042015	4/9/2015	1110	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Accurso	Sundance	4/9/15 1500	[illegible]	TAD	4/10/15 930

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/9/15	COC No: FWDAAPR15-063
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) ___W___			
505 835 7660 PHONE	TAT if different from Below __15__			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW49042015	4/9/2015	1031	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For __60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/9/15 1500	[signature]	TAD	4/10/15 930

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

280-67711 Chain of Custody

Chain of Custody Record

0.8, 1.2, 5.4, 0.7, 1.0 + 0.2 IR-5
4/11/15 CO

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/10/15	COC No: FWDAAPR15-071
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW43042015	4/10/2015	0825	grab	GW	6	Y		1		1	1		3												
TMW43042015MS	4/10/2015	0825	grab	GW	6	Y		1		1	1		3												
TMW43042015MSD	4/10/2015	0825	grab	GW	6	Y		1		1	1		3												
DTW43042015	4/10/2015	0825	grab	GW	6	Y		1		1	1		3												
TB -08-042015	4/10/2015	0800	grab	GW	2	N							2												
TMW47042015	4/10/2015	0930	grab	GW	3	N							3												

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/10/15 1500	[signature]	TAD	4/11/15 930

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/10/15	COC No: FWDAAPR15-069
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW43042015	4/10/2015	0825	grab	GW	2	N						2													
TMW43042015MS	4/10/2015	0825	grab	GW	2	N						2													
TMW43042015MSD	4/10/2015	0825	grab	GW	2	N						2													
DMW43042015	4/10/2015	0825	grab	GW	2	N						2													

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/10/15 1500	[illegible]	TAD	4/11/15 930

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/10/15	COC No: FWDAAPR15-070
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metals6010C/6020A/7470A Total	TAL Metals6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW43042015	4/10/2015	0825	grab	GW	3	Y	2		1																
TMW43042015MS	4/10/2015	0825	grab	GW	3	Y	2		1																
TMW43042015MSD	4/10/2015	0825	grab	GW	3	Y	2		1																
DMW43042015	4/10/2015	0825	grab	GW	3	Y	2		1																

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/10/15 1500	[signature]	TAD	4/11/15 930

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/10/15	COC No: FWDAAPR15-068
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Comppounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW43042015	4/10/2015	0825	grab	GW	2	N								2											
TMW43042015MS	4/10/2015	0825	grab	GW	2	N								2											
TMW43042015MSD	4/10/2015	0825	grab	GW	2	N								2											
DUPW43042015	4/10/2015	0825	grab	GW	2	N								2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☑ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For* 60 *days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/10/15 1500	[illegible]	TAD	4/11/15 930

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
phone 303-736-0100 fax 303-431-7171

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Nance	Site Contact: John Nance 505 321 7260	Date: 4/10/15	COC No: FWDAAPR15-072
John Nance	Tel: 505 835 7660	Lab Contact: Michelle Johnston	Carrier: Federal Express	1 of 1 COCs
6700 Jefferson Street NE Suite C3	Analysis Turnaround Time			Job No.
Albuquerque, NM 87109	Calendar (C) or Work Days (W) W			
505 835 7660 PHONE	TAT if different from Below 15			SDG No.
	☐ 2 weeks			
Project Name: Fort Wingate	☐ 1 week			
Site: Fort Wingate, New Mexico	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Explosives 8330B	Nitrate Nitrite 9056	Perchlorate 6860	TAL Metal6010C/6020A/7470A Total	TAL Metal6010C/6020A/7470A Diss.	Organochlorine Pesticides 8081A	Volatile Organic Compounds 8260C	Semivolatile Organics 8270D	ORO 8015C C24-C36	TPH-DRO 8015C C10-C28	TPH-GRO 8015C C6-C10	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270D	Metals 6010C/6020A dissolved	TCLP Pesticides 1311/8081A	TCLP Herbicides 1311/8151A	pH 9045C	Ignitibility 1010	Sample Specific Notes:
TMW47042015	4/10/2015	0930	grab	GW	10	Y	2	1	1	1	1	2		2											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal
☐ *Return To Client* ☑ *Disposal By Lab* ☑ *Archive For 60 days after invoice*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Todd Arrowood	Sundance	4/10/15 1500	[illegible]	TAD	4/11/15 930