APPENDIX D

FIELD SAMPLING RECORDS
FIRST QUARTER 2014

TERRANEXT

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor Yellow Jacket

Subcontractor Personnel Kat & Patrick

Sample Location or Well AVB 10-01

Sample ID AVB10-0100- 39120

Sample Collected By Roy Ashlock

Date and Time Collected 3/12/14 1337

EQUIPMENT

Purging Method/Equipment

- [ ] New Poly Disposable Bailer
- [x] 3" Electric Sub. Pump
- [ ] Other:

Sampling Equipment

- [ ] New Poly disposable bailer
- [x] Depth Specific Stainless Steel Bailer
- [ ] Passive Diffusion Bag
- [ ] Other

CALIBRATION

Equipment Type Oakton Time 0535

pH 7 4 10

Other See AVB 139-01

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/13/14 1240

Measuring Point Description

- [x] North Side TOC
- [ ] Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
122.85 ~~129~~	-	111.52	=	~~17.48~~ 10.48 (Rea)	X	2"	0.163	=	6.83 ~~11.29~~ (Rea)	X3 =	20.49 ~~34.18~~ (Rea)
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1315	BEGIN PURGE						
1316	~~12~~ 5	26.2	1907	light Brown/rust, low, no, no	7.45		
1317	~~24~~ 10	24.4	1957	" "	7.43		
1318	~~36~~ 15	23.7	1954	clear, low, no, no	7.40		
1319	20	23.2	1984	" "	7.40		

Total Volume Purged (gal) 20 Purge time (min) 4 Purged Dry (Y/N)

Additional Comments: well 122 ft Deep 3 - according to Kat / pump & piped installer

set pump @ 120 ft / TD 123.85 waste 1407 - 1418

Equipment Blank AVB 10-01 (4) - 1000 hrs

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Ray Ashlock
Subcontractor Yellow Jacket
Subcontractor Personnel Kent & Patrick

Sample Location or Well AVB 10-02
Sample ID AVB10-0200-38290
Sample Collected By Ray Ashlock
Date and Time Collected 3/12/14 1220

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time 0535
pH 7 4 10
Other Sec Avg 139-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/13/14 1055

Measuring Point Description
- ☐ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
330	-	115.48	=	214.52	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	139.86	X3 =	419.60

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1121	BEGIN PURGE						
1124	84	22.4	1777	Clear, low, no, no	7.56		
1127	168	22.4	1752	Clear, low, no, no	7.55		
1130	252	22.5	1758	Clear, low, no, no	7.54		
1133	336	22.4	1756	Clear, low, no, no	7.53		
1136	420	22.5	1756	Clear, low, no, no	7.53		

Total Volume Purged (gal) 420 Purge time (min) 15 Purged Dry (Y/(N))
Additional Comments: Set pump @ 220 Ft & pump @ 27 gpm

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Key Environmental
Subcontractor Personnel John Kodaff

Sample Location or Well AVB 12-01
Sample ID AVB12-0100-38 106
Sample Collected By Roy Ashlock
Date and Time Collected 3/24/14 1210

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time 0800
pH 7 4 10
Other See BOB 74-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/24/14 1150

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)		Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)		Purge Volume (gal.)
115	-	96.45	=	18.55	X	2"	0.163	=	12.09	X3 =	36.28
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1200	BEGIN PURGE						
1202	12	27.1	1237	Clear, low, no, no	7.85		
1204	24	26.8	1231	" "	7.75		
1206	36	26.5	1238	" "	7.74		

Total Volume Purged (gal) 36 Purge time (min) 6 Purged Dry (Y/N)

Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Ray Ashlock
Subcontractor Kelly Environmental
Subcontractor Personnel John Kadatt

Sample Location or Well AVB 14-01
Sample ID AVB 14-0100-36108
Sample Collected By Ray Ashlock
Date and Time Collected 3/26/14 1310

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other See AVB 72-01
Other ____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/26/14 1250

Measuring Point Description
- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
110	-	103.23		6.77		2"	0.163		4.11		13.24
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1259	BEGIN PURGE						
1301	5	26.6	1430	Clear, low, no, no	7.65		
1303	10	26.7	1452	"	7.54		
1305	15	28.8	1410	"	7.518		

Total Volume Purged (gal) 15 Purge time (min) 6 Purged Dry (Y/(N))
Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Early Environmental
Subcontractor Personnel John Kodat

Sample Location or Well AVB 15-01
Sample ID AVB 15-0100-15 117
Sample Collected By Roy Ashlock
Date and Time Collected 3/26/14 0908

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other See AVB 72-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/26/14 0852

Measuring Point Description
- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
118	-	111.89	=	6.11	X	2"	0.163	=	3.98	X3 =	11.95
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0857	BEGIN PURGE						
0859	4	24.8	1950	Cloudy, Clear, low, no, no	7.56		
0901	8	25.2	1995	Clear, Brown, low, no, no	7.39		
0902	12	25.7	2250	Clear, low, no, no	7.32		

Total Volume Purged (gal) 12 Purge time (min) 5 Purged Dry (Y/(N))

Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor /
Subcontractor Personnel /

Sample Location or Well AVB 18-01
Sample ID AVB18-0100-37108
Sample Collected By Roy Ashlock
Date and Time Collected 3/19/14 1220

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/14 1215

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
114	-	101.84	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: PDB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor John Kodatt
Subcontractor Personnel Key Environmental

Sample Location or Well AVB 20-03
Sample ID AVB 20-0300- 21 1119
Sample Collected By Roy Ashlock
Date and Time Collected 3/27/14 0834

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other Dedicated pump

CALIBRATION
Equipment Type Horiba Time 0820
pH 7 X 4 X 10 X
Other
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/27/14 0820

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
149	-	120.08	=	28.92	X	2"	0.163	=	18.85	X3 =	56.56
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0829	BEGIN PURGE						
0830	20	23.6	1954	Used, low, no, no	6.54		
0832	40	23.6	1895	" " "	6.82		
0833	60	23.8	1895	" " "	7.10		

Total Volume Purged (gal) 60 Purge time (min) 4 Purged Dry (Y/N)

Additional Comments:

TERRANEXT

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock
Subcontractor Kary Environmental
Subcontractor Personnel John Lodatt

Sample Location or Well AVB 26-01

Sample ID AVB 26-0100-16100
PDB AVB 26-0101-16100

Sample Collected By Roy Ashlock

Date and Time Collected 3/27/14 1535 1545

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/27/14 1530

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
102	-	97.35	=	—	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) — Purge time (min) — Purged Dry (Y/N) —

Additional Comments: PDB Sample - Duplicate / PDB wire not re-instaled / Grab Sample - no purge

FD AVB 26-0104-1000

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Kory Environmental
Subcontractor Personnel John Kodat

Sample Location or Well AVB 37-04
Sample ID AVB 37-0400- 02
Sample Collected By NA
Date and Time Collected NA

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other _____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/6/14 1100

Measuring Point Description
- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
110	-	Dry	=		X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=		X3 =	

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: no sample / dry well

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor

Subcontractor Personnel

Sample Location or Well AVB 38-04

Sample ID AVB 38-0400-0614 115

Sample Collected By Roy Ashlock

Date and Time Collected 3/18/14 0925

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☒ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other N/A

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/18/14 0920

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
120 (NM)	-	113.75	=		X	2"	0.163		X3 =	
						3"	0.367			
						4"	0.652			
						5"	1.019			
						6"	1.468			

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: grab sample

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 40-05
Sample ID AVB 40-0500-22098
Sample Collected By NA
Date and Time Collected NA

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other _____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/4/14 1105

Measuring Point Description
- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
100	-	Dry	=		X	2"	0.163	=	X3 =	
						3"	0.367			
						4"	**0.652**			
						5"	1.019			
						6"	1.468			

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: NO Sample - well is dry

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Ray Ashton

Subcontractor

Subcontractor Personnel

Sample Location or Well AVB 40-06

Sample ID AVB 40-0600-22098

Sample Collected By NA

Date and Time Collected NA

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☑ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/5/14 0908

Measuring Point Description

- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
100	-	99.92 Dry	=		X	2" 3" **4"** 5" 6"	0.163 0.367 **0.652** 1.019 1.468	=	X3 =	

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N)

Additional Comments: Dry well) PDB Above water - no Sample

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Ray Ashlock

Subcontractor

Subcontractor Personnel

Sample Location or Well AVB 40-07

Sample ID AVB 40-0700-22098

Sample Collected By NA

Date and Time Collected NA

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other:

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☑ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/5/14 0925

Measuring Point Description

- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
160	-	99.00	=		X	2"	0.163		X3 =	
						3"	0.367			
						4"	**0.652**			
						5"	1.019			
						6"	1.468			

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: PDB above water - NO Sample

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Kelly Environmental
Subcontractor Personnel John Kodath

Sample Location or Well AVB 40-08
Sample ID AVB 40-0800- 18
Sample Collected By NA
Date and Time Collected NA

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other _____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/24/16 1135

Measuring Point Description
- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
100	-	99.72	=	/	X	2"	0.163	/	X3 =	/
						3"	0.367			
						4"	**0.652**			
						5"	1.019			
						6"	1.468			

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: NO purge - NA

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor Kelly Environmental

Subcontractor Personnel John Kodatt

Sample Location or Well AVB 47-01

Sample ID AVB 47-0100- 23

Sample Collected By NA

Date and Time Collected NA

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/5/14 0950

Measuring Point Description

- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
99	-	Dry	=	✓	X	2"	0.163	✓	X3 =	✓
						3"	0.367			
						4"	**0.652**			
						5"	1.019			
						6"	1.468			

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: NO Sample / Dry Well

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Kelly Environmental
Subcontractor Personnel John Kadorff

Sample Location or Well AVB 53-01
Sample ID AVB 53-0100- 07
Sample Collected By NA
Date and Time Collected NA

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other _____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/6/14 1100

Measuring Point Description
- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
105	-	Dry	=	✓	X	2"	0.163	=	✓	X3 =	✓
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: No Sample / Dry Well

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor Katy Environmental

Subcontractor Personnel John Kodatt

Sample Location or Well AVB 57-01

Sample ID AVB 57-0100-33100

Sample Collected By Roy Ashlock

Date and Time Collected 3/24/14 1247

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/24/14 1230

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
102	-	96.68	=	5.32	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	/	X3 =	/

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: 5 feet of Water - No purge - grab Sample

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 60-01
Sample ID AVB 60-0100-33473
Sample Collected By Roy Ashlock
Date and Time Collected 3/17/14 1145

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other N/A
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/17/14 1135

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
500	-	128.39	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Yellow Jacket
Subcontractor Personnel Kat & Patrick

Sample Location or Well AVB 61-01
Sample ID AVB 61-0100- 32450
Sample Collected By Roy Ashlock
Date and Time Collected 3/13/14 1007

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Ockton Time 0535
pH 7 4 10
Other See RWB 139-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/13/14 0850

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
500	-	117.85	=	382.15	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	249.16	X3 =	747.48

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0908	BEGIN PURGE						
0911	75	21.1	2280	Rusty, med, no, no	7.49		
0914	150	21.3	2290	Clear, low, no, no	7.45		
0917	225	21.5	2300	Clear, low, no, no	7.43		
0920	300	21.6	2300	Clear, low, no, no	7.44		
0923	375	21.6	2300	Clear, low, no, no	7.44		
0926	450	21.6	2300	Clear, low, no, no	7.44		
0929	525	21.6	2300	Clear, low, no, no	7.43		
0932	600	21.6	2300	Clear, low, no, no	7.41		
0935	675	21.6	2300	Clear, low, no, no	7.43		
0938	750	21.5	2310	Clear, low, no, no	7.44		

Total Volume Purged (gal) 750 Purge time (min) 30 Purged Dry (Y/N)

Additional Comments:

Waste 375 1035 - 1042 66th & Grant
375 1036 - 1044

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor Kary Environment

Subcontractor Personnel John Kodatt

Sample Location or Well AVB 65-01

Sample ID AVB 65-0100- 02

Sample Collected By NA

Date and Time Collected NA

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 2/6/14

Measuring Point Description

- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
121	-	Dry	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N)

Additional Comments: NO Sample / Dry Well

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Ray Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 68-02
Sample ID AVB 68-0200-26110
Sample Collected By Ray Ashlock
Date and Time Collected 3/19/14 1325

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☒ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/14 1320

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
120	-	102.45	=	/	X	**2"**	**0.163**	=	/	X3 =	/
						3"	0.367				
						4"	0.652				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N)

Additional Comments: Grab Sample

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor

Subcontractor Personnel

Sample Location or Well AVB 68-04

Sample ID AVB 68-0400-26255

Sample Collected By Roy Ashlock

Date and Time Collected 3/19/14 1315

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☑ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/19/14 1310

Measuring Point Description

- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
300	-	102.76	=	/	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	/	X3 =	/

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) /

Purge time (min) /

Purged Dry (Y/N)

Additional Comments: PDB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor /

Subcontractor Personnel /

Sample Location or Well AVB 69-01

Sample ID AVB 69-0100-27255

Sample Collected By Roy Ashlock

Date and Time Collected 3/19/14 0920

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/19/14 0915

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
300	-	114.45	=	/	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	/	X3 =	/

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Kelly Environmental
Subcontractor Personnel John Kodatt

Sample Location or Well AVB 69-02R
Sample ID AVB 69-02R0-03 1114
Sample Collected By Roy Ashlock
Date and Time Collected 3/25/14 1405 ~~1351~~ (1354)

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time
pH 7 4 10
Other See Aug 91-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/25/14 1340

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
125	-	104.02	=	20.98	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	13.67	X3 =	41.03

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1351				**BEGIN PURGE**			
1353	14	26.7	13.80	Clear, low, no, no	7.72		
1355	28	26.2	1389	" "	7.55		
1357	42	25.8	1398	" "	7.56		

Total Volume Purged (gal) 42 Purge time (min) 6 Purged Dry (Y) (N)
Additional Comments: Cyanide Sample

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Sample Location or Well AVB 70-01

Project Number 03103154
Sample ID AVB 70-0100-26 108

Terranext Personnel Roy Ashlett
Sample Collected By Roy Ashlock
Subcontractor Katy Environmental
Subcontractor Personnel John Kellett
Date and Time Collected 3/26/14 1236

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment

- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other See Aug 72-01
Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/26/14 1210

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
117	-	100.25	=	16.75	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	10.92	X3 =	32.76

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1220	BEGIN PURGE						
1222	8	25.6	1339	light Rust, low, no, no	7.95		
1229	16	25.8	1379	Clear, low, no, no	7.65		
1226	24	25.8	1398	Clear, low, no, no	7.54		
1226	32	25.8	1401	lt	7.50		

Total Volume Purged (gal) 32 Purge time (min) 9 Purged Dry (Y/N) N

Additional Comments:

TERRANEXT

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Sample Location or Well AVB 71-01

Project Number 03103154

Sample ID AVB 71-0100-27/33

Terranext Personnel Roy Ashlock

Sample Collected By Roy Ashlock

Subcontractor Kary Environmental

Subcontractor Personnel John Kodett

Date and Time Collected 3/24/14 1010

EQUIPMENT

Purging Method/Equipment

- [ ] New Poly Disposable Bailer
- [x] 3" Electric Sub. Pump
- [ ] Other:

Sampling Equipment

- [ ] New Poly disposable bailer
- [x] Depth Specific Stainless Steel Bailer
- [ ] Passive Diffusion Bag
- [ ] Other

CALIBRATION

Equipment Type Oakton Time 0800

pH 7 4 10

Other See AVB 74-01

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/24/14 0935

Measuring Point Description

- [x] North Side TOC
- [ ] Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
160	-	105.56	=	54.44	X	2"	0.163	=	35.49	X3 =	106.48
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0944				**BEGIN PURGE**			
0948	22	23.0	2470	Light Brown, low, no, no	7.66		
0952	44	23.0	2460	Clear, low, no, no	7.54		
0956	66	23.1	2470	" "	7.48		
1000	88	22.9	2480	" "	7.44		
1004	110	22.9	2480	" "	7.43		
				0 (nh) 0 (nh)			

Total Volume Purged (gal) 110 Purge time (min) 20 Purged Dry (Y/N)

Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Cary Environmental
Subcontractor Personnel John Kodatt

Sample Location or Well AVB 72-01
Sample ID AVB 72-0100-25127
Sample Collected By Roy Ashlock
Date and Time Collected 3/26/14 0825

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time 0755
pH 7 ____ 4 ____ 10 ____
Other ____
Other ____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/26/14 0800

Measuring Point Description
- ☐ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
137	-	118.89	=	18.11	X	2"	0.163	=	11.80	X3 =	35.42
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0804	BEGIN PURGE						
0806	7	25.7	1964	Clear, low, no, no	7.27		
0808	14	26.1	1952	" "	7.32		
0810	21	26.3	2250	" "	7.30		
0812	28	26.5	2250	" "	7.31		
0814	35	26.5	2260	" "	7.32		

Total Volume Purged (gal) 35 Purge time (min) 10 Purged Dry (Y/N) N

Additional Comments:
TB AVB 72-0102-1000/0800

TERRANEXT

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name: WVBA

Project Number: 03103154

Terranext Personnel: Roy Ashlock

Subcontractor: Kary Environmental

Subcontractor Personnel: John Kodatt

Sample Location or Well: AVB 73-01

Sample ID: AVB 73-0100-24 [illegible]

Sample Collected By: Roy Ashlock

Date and Time Collected: 3/24/14 1050

EQUIPMENT

Purging Method/Equipment

- [ ] New Poly Disposable Bailer
- [x] 3" Electric Sub. Pump
- [ ] Other:

Sampling Equipment

- [ ] New Poly disposable bailer
- [x] Depth Specific Stainless Steel Bailer
- [x] Passive Diffusion Bag
- [ ] Other

CALIBRATION

Equipment Type: Oakton Time: 0800

pH 7 4 10

Other: See AVB 74-01

Other:

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement: 3/24/14 1025

Measuring Point Description

- [x] North Side TOC
- [ ] Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
120	-	113.03	=	6.97	X	2"	0.163	=	4.54	X3 =	13.63
						3"	0.367				
						4"	0.652				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
				BEGIN PURGE			
1031							
1032	5	23.1	1994	Clear, low, no, no	7.76		
1033	10	22.7	2260	" "	7.58		
1034	15	22.8	2250	" "	7.42		

Total Volume Purged (gal): 15

Purge time (min): 03

Purged Dry (Y/N): N

Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Kshlock
Subcontractor Kay
Subcontractor Personnel John Kodatt

Sample Location or Well AVB 74-01
Sample ID AVB 74-0110-34 090
Sample Collected By Roy Kshlock
Date and Time Collected 3/24/14 0855

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time 0800
pH 7 X 4 X 10 X
Other
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/24/14 0815

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
100	-	79.55	=	20.45	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	13.33	X3 =	40

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0836			BEGIN PURGE				
0837	10	24.0	2400	Clear, low, no, no	7.53		
0838	20	24.2	2440	" "	7.42		
0839	30	24.2	2500	" "	7.73		
0840	40	24.3	2520	" "	7.81		

Total Volume Purged (gal) 40 Purge time (min) 7 Purged Dry (Y/N)
Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor KWY Environmental
Subcontractor Personnel John Kodaff

Sample Location or Well AVB 75-01
Sample ID AVB 75-0100-27 125
Sample Collected By Roy Ashlock
Date and Time Collected 3/25/11 0940

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other: _____

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other _____

CALIBRATION
Equipment Type Horiba Time _____
pH 7 _____ 4 _____ 10 _____
Other See AVB 95-01
Other _____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/25/11

Measuring Point Description
- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
134	-	116.85	=	17.15	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	11.18	X3 =	33.54

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0923	BEGIN PURGE						
0926	11	23.1	2470	Light Red/Brown, low, no, no	7.65		
0929	22	23.3	2480	Clear, low, no, no	7.45		
0932	33	23.5	2500	Clear, low, no, no	7.50		

Total Volume Purged (gal) 33 Purge time (min) 9 Purged Dry (Y/N)
Additional Comments: _____

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Kelly Environmental
Subcontractor Personnel John Kodutt

Sample Location or Well AVB 76-01
Sample ID AVB 76-0100-22 113
Sample Collected By —
Date and Time Collected —

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other: _____

Sampling Equipment
- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other _____

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other _____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 7/24/14 0920

Measuring Point Description
- ☑ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
115	-	116.02	=	1.98	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) — Purge time (min) — Purged Dry (Y/N) —

Additional Comments: No purge less than 5' of water
Unable to grab samples - made several attempts

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel /

Sample Location or Well AVB 77-01
Sample ID AVB 77-0100-26108
Sample Collected By Roy Ashlock
Date and Time Collected 3/19/14 1115

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub: Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/14 1100

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
110	-	97.86	=		X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=		X3 =	

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N)

Additional Comments: POB Sample / POB System Off

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 77-02
Sample ID AVB 77-0200-26140
Sample Collected By Roy Ashlock
Date and Time Collected 3/19/14 1120

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/14 1105

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
225	-	98.49	=	✓	X	2"	0.163	=	✓	X3 =	✓
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: POB Sample / POB In Stalled

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 77-03
Sample ID AVB 77-0300-26215
Sample Collected By Roy Ashlock
Date and Time Collected 3/19/14 1125

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: AA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other AA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/14 1110

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
250	-	98.25	=	/	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	/	X3 =	/

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: POB Sample / POB Install

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel /

Sample Location or Well AVB 81-01
Sample ID AVB 81-0100-25295
Sample Collected By Roy Ashlock
Date and Time Collected 3/17/14 1305

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: PP

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/17/14 1300

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
320	-	131.11	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	0.652				
						5"	**1.019**				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel /

Sample Location or Well AVB 81-02
Sample ID AVB 81-0200-24118
Sample Collected By Roy Ashlock
Date and Time Collected 3/17/14 1330

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☑ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/17/14 1325

Measuring Point Description
- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
120	-	106.40	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Yellow Jacket
Subcontractor Personnel Kent & Patrick

Sample Location or Well AVB 82-01
Sample ID AVB 82-0100- 24327
Sample Collected By Roy Ashlock
Date and Time Collected 3/10/11 0955

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- (N) ☒ 3" Electric Sub. Pump
- ☒ Other: N/A

Sampling Equipment
- ☐ New Poly disposable bailer
- (N) ☒ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION (N)
Equipment Type Horiba Time 0845
pH 7 ✓ 4 ✓ 10 ✓
Other
Other N/A

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/10/11 0945

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
345	-	125.50	=	✓	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	✓	X3 =	✓

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: Traffic control onsite @ 845
PDB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashwork
Subcontractor Yellow Jacket
Subcontractor Personnel Kat & Patrick

Sample Location or Well AVB 82-02
Sample ID AVB 82-0200- 12410
Sample Collected By Roy Ashwork
Date and Time Collected 3/13/14 1115

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time 065
pH 7 X 4 X 10 X
Other See AVB 142-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/13/14 0943

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
420	-	125.08	=	294.92	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	192.28	X3 =	576.86

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1020	BEGIN PURGE						
1023	72	22.7	1425	Clear, low, no, no	7.95		
1026	144	23.8	1554	Clear, low, no, no	7.65		
1029	216	24.8	1609	Clear, low, no, no	7.66		
1032	288	25.2	1606	Brown/tan, med, no, no	7.66		
1035	360	25.2	1607	Brown/tan, med, no, no	7.66		
1038	432	24.7	1611	Brown/tan, med, no, no	7.66		
1041	504	25.1	1599	Brown, high, no, no	7.67		
1044	576	25.1	1598	Brown, high, no, no	7.68		

Total Volume Purged (gal) 576 Purge time (min) 24 Purged Dry (Y/(N))

Additional Comments: Traffic control onsite 0845
Duplicate / AVB 82-0201-12410 1120
Waste / 396 gallons 1139-1149
180 gallons 1617-1619

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 83-01
Sample ID AVB 83-0100-24114
Sample Collected By Roy Ashlock
Date and Time Collected 3/19/14 1200

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/14 1150

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
120	-	101.09	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 84-01
Sample ID AVB 84-0100-XXX
Sample Collected By Roy Ashlock
Date and Time Collected 3/19/14 0900

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/14 0845

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
120	-	100.72	=	✓	X	2"	0.163	=	✓	X3 =	✓
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: POP Sample / POP Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 85-01
Sample ID AVB 85-0100-25112
Sample Collected By Roy Ashlock
Date and Time Collected 3/19/14 1425

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☑ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/14 1400

Measuring Point Description
- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
120	-	96.35	=	✓	X	2"	0.163	=	✓	X3 =	✓
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 87-01

Project Number 03103154 | **Sample ID** AVB 87-0100-14118

Terranext Personnel Ray Ashlock | **Sample Collected By** NA

Subcontractor | **Subcontractor Personnel** ~ | **Date and Time Collected** NA

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☑ Other NA

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/6/19 1145

Measuring Point Description

- ☑ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
120	-	DRY	=	~	X	2"	0.163	=	~	X3 =	~
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ~ | Purge time (min) ~ | Purged Dry (Y/N) ~

Additional Comments: well is DRY / no sample

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Sample Location or Well AVB 88-01

Project Number 03103154
Sample ID AVB 88-0100-25 110

Terranext Personnel Roy Ashlock
Sample Collected By Roy Ashlock
Subcontractor Kelly Environmental
Subcontractor Personnel John Kodath
Date and Time Collected 3/25/14 1252

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Horiba Time
pH 7 4 10
Other See AVB 91-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/25/14 1220

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
120	-	98.99	=	21.01	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	13.69	X3 =	41.09

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1235	BEGIN PURGE						
1238	14	27.2	1294	Clear, Sm, No, No	7.65		
1241	28	26.7	1310	" " "	7.60		
1244	42	26.5	1285	" " "	7.37		

Total Volume Purged (gal) 42 Purge time (min) 9 Purged Dry (Y/N) N
Additional Comments: Cyanide Sample

TERRANEXT

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Sample Location or Well AVB 91-01

Project Number 03103154

Sample ID AVB 91-0100- 23 135

Terranext Personnel Roy Ashlock

Sample Collected By Roy Ashlock

Subcontractor Kary Environmental

Subcontractor Personnel John Kodatt

Date and Time Collected 3/25/14 0815

EQUIPMENT

Purging Method/Equipment

- [ ] New Poly Disposable Bailer
- [x] 3" Electric Sub. Pump
- [ ] Other:

Sampling Equipment

- [ ] New Poly disposable bailer
- [x] Depth Specific Stainless Steel Bailer
- [ ] Passive Diffusion Bag
- [ ] Other

CALIBRATION

Equipment Type Oakton Time 0750

pH 7 X 4 X 10 X

Other

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/25/14 0745

Measuring Point Description

- [x] North Side TOC
- [ ] Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
140	-	129.08	=	10.92	X	2"	0.163	=	7.11	X3 =	21.33
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0802	BEGIN PURGE						
0804	7	22.4	2430	Clear, low, no, no	8.15		
0806	14	22.7	2420	" "	7.65		
0808	21	22.7	2400	" "	7.62		

Total Volume Purged (gal) 21 Purge time (min) 6 Purged Dry (Y/N) N

Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 91-02
Sample ID AVB 91-0200-23291
Sample Collected By Roy Ashlock
Date and Time Collected 3/17/14 1400

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/17/14 1355

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
	-	132.95	=	—	X	2"	0.163	—	X3 =	—
						3"	0.367			
						4"	0.652			
						5"	**1.019**			
						6"	1.468			

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____
Additional Comments: PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Yellow Jacket
Subcontractor Personnel Kat & Patrick

Sample Location or Well AVB 91-03
Sample ID AVB 91-0300-12360
Sample Collected By Roy Ashlock
Date and Time Collected 3/12/14 1345

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Yakton Time 0615
pH 7 4 10
Other See AVB 1502-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/12/14 1145

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
380	-	138.13	=	241.87	X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=	246.46	X3 =	739.39

Time	Volume Purged (gal.)	Temp °C	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1224	BEGIN PURGE						
1230	74	23.3	1609	Clear, low, no, no	8.53		
1236	148	24.6	1601	Clear, low, no, no	8.16		
1242	222	24.7	1572	Clear, low, no, no	8.14		
1247	296	24.7	1604	Clear, low, no, no	8.10		
1253	370	25.2	1629	Clear, low, no, no	8.08		
1259	444	25.0	1630	Clear, low, no, no	8.15		
1305	518	25.0	1610	Clear, low, no, no	8.12		
1311	592	24.9	1600	Clear, low, no, no	8.11		
1317	666	24.6	1614	Clear, low, no, no	8.10		
1323	740	24.7	1612	Clear, low, no, no	8.10		

Total Volume Purged (gal) 740 Purge time (min) 59 Purged Dry (Y(N)

Additional Comments: 12.5 gpm D.Schafye to Sewer TBD Ave & ~~Pratt~~ Sherman

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Kshlerk
Subcontractor Kelly Environmental
Subcontractor Personnel John Kodett

Sample Location or Well AVB 92-01
Sample ID AVB 92-0100-21 137
Sample Collected By Roy Kshlerk
Date and Time Collected 3/25/14 ~~1100~~ 1100

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other See AVB 91-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/25/14 1045

Measuring Point Description
- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
140	-	133.33	=	6.67	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	4.34	X3 =	13.04

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1051	BEGIN PURGE						
1052	5	25.7	2430	Clear, low, no, no	7.62		
1053	10	24.6	2490	Light Brown, low, no, no	7.45		
1054	15	24.2	2490	Light Brown, High, no, no	7.42		

Total Volume Purged (gal) 15 Purge time (min) 3 Purged Dry (Y/N)
Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 92-02

Project Number 03103154 | **Sample ID** AVB 92-0200-XXX

Terranext Personnel Roy Ashlock | **Sample Collected By** Roy Ashlock

Subcontractor | **Date and Time Collected** 3/20/14 1030

Subcontractor Personnel

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/20/14 1025

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
	-	136.48	=	/	X	2"	0.163		X3 =	
						3"	0.367			
						4"	0.652			
						5"	**1.019**			
						6"	1.468			

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) —

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashfork
Subcontractor Katy Environmental
Subcontractor Personnel John Kodatt

Sample Location or Well AVB 93-01
Sample ID AVB 93-0100-21 136
Sample Collected By Roy Ashfork
Date and Time Collected 3/25/11 1135

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other: _____

Sampling Equipment
- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other _____

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other See AVB 91-01
Other _____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/25/11 1115

Measuring Point Description
- ☐ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
139	-	132.49	=	6.51	X	2"	0.163	=	4.23	X3 =	12.71
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1123	BEGIN PURGE						
1124	4	27.8	2490	Clear, low, no, no	7.60		
1125	8	25.4	2430	" "	7.58		
1126	12	24.7	2430	" "	7.57		

Total Volume Purged (gal) 12 Purge time (min) 3 Purged Dry (Y/N)
Additional Comments: _____

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 94-01

Project Number 03103154 | **Sample ID** AVB 94-0100-18138

Terranext Personnel Roy A. Sklock | **Sample Collected By** NA

Subcontractor — | **Date and Time Collected** NA

Subcontractor Personnel —

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type ____ Time ____

pH 7 ____ 4 ____ 10 ____

Other NA

Other ____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/20/11 1225

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
345	-	137.82	=	/	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	/	X3 =	/

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: (2) PDB's PDB Above Water / NO Sample

TERRANEXT

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Sample Location or Well AVB 94-02

Project Number 03103154

Sample ID AVB 94-0200-23260

Terranext Personnel Roy Ashlock

Sample Collected By Roy Ashlock

Subcontractor —

Subcontractor Personnel —

Date and Time Collected 3/20/14 @ ~~1450~~ 1220

EQUIPMENT

Purging Method/Equipment

- [ ] New Poly Disposable Bailer
- [ ] 3" Electric Sub. Pump
- [x] Other: NA

Sampling Equipment

- [ ] New Poly disposable bailer
- [ ] Depth Specific Stainless Steel Bailer
- [x] Passive Diffusion Bag
- [ ] Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/20/14 1145

Measuring Point Description

- [x] North Side TOC
- [ ] Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
280	-	135.64	=	—	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	0.652				
						5"	**1.019**				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) — Purge time (min) — Purged Dry (Y/N) —

Additional Comments: PDB wire Tangled / untangle

PDB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 95-01

Project Number 03103154 | **Sample ID** AVB 95-0100-23138

Terranext Personnel Roy Ashlock | **Sample Collected By** Roy Ashlock

Subcontractor ~~

Subcontractor Personnel ~~ | **Date and Time Collected** 3/20/14 0925

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/20/14 0920

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
140	-	124.82	=	~	X	2"	0.163	=	~	X3 =	~
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: DUP Sample / DUP Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 95-02

Project Number 03103154 | **Sample ID** AVB 95-0200-X230

Terranext Personnel Roy Ashfack | **Sample Collected By** Roy Ashfack

Subcontractor —

Subcontractor Personnel — | **Date and Time Collected** 3/20/14 0910

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/20/14 0905

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
283	-	128.31	=	—	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	0.652				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) — | Purge time (min) — | Purged Dry (Y/N) —

Additional Comments: PDB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor E
Subcontractor Personnel

Sample Location or Well AVB 96-01
Sample ID AVB 96-0100-22121
Sample Collected By Roy Ashlock
Date and Time Collected 3/17/14 1450

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/17/14 1445

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
140	-	118.58	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) _____

Additional Comments: PNB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel /

Sample Location or Well AVB 96-02
Sample ID AVB 96-0200-23332
Sample Collected By Roy Ashlock
Date and Time Collected 3/17/14 1435

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/17/14 1430

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
350	-	134.48	=		X	2"	0.163	=		X3 =	
						3"	0.367				
						4"	0.652				
						5"	**1.019**				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) _____
Additional Comments: PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Aury Environmental
Subcontractor Personnel John Kohatt

Sample Location or Well AVB 97-01
Sample ID AVB 97-0100-2214
Sample Collected By Roy Ashlock
Date and Time Collected 3/25/14 1412

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time
pH 7 4 10
Other See AVB 97-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/25/14 1420

Measuring Point Description
- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
120	-	102.58	=	17.42	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	11.35	X3 =	34.07

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1430			BEGIN PURGE				
1432	12	28.8	1425	Clear, low, no, no	7.67		
1434	24	26.9	1420	Clear, low, no, no	7.57		
1436	36	26.0	1422	Clear, low, no, no	7.60		

Total Volume Purged (gal) 36 Purge time (min) 6 Purged Dry (Y/N)

Additional Comments: Rinsate blank collected @ 1500

EB AVB 97-01 CH-1000

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel ✓

Sample Location or Well AVB 98-01
Sample ID AVB 98-0100-23287
Sample Collected By Roy Ashlock
Date and Time Collected 3/17/14 1230

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other N/A
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/17/14 1215

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
318	-	119.79	=	✓	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	✓	X3 =	✓

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Sample Location or Well AVB 99-01

Project Number 03103154
Sample ID AVB 99-0100-23109

Terranext Personnel Roy Ashlock
Sample Collected By Roy Ashlock
Subcontractor
Subcontractor Personnel /
Date and Time Collected 3/19/14 0935

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/14 0930

Measuring Point Description
- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
120	-	91.38	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments:
PDB lost in well - fish out PDB sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Ray Kershock
Subcontractor —
Subcontractor Personnel —

Sample Location or Well AVB 100-01
Sample ID AVB 100-0100-16138
Sample Collected By Ray Kershock
Date and Time Collected 3/20/14 1050

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other NA
Other ____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/20/14 1015

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
141	-	133.84	=	✓	X	2"	0.163	=	✓	X3 =	✓
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ____
Additional Comments: PDB Sample (2) PDBs Installed

DUP AVB 100 0101-16138

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Sample Location or Well AVB 101-01

Project Number 03103154
Sample ID AVB 101-0100-20115

Terranext Personnel Ary Ashlock
Sample Collected By NA
Subcontractor
Subcontractor Personnel —
Date and Time Collected NA

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other _____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/7/14 0850

Measuring Point Description
- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
122	-	Dry	=	—	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	—	X3 =	—

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: Well is Dry / no sample

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 103-02

Project Number 03103154 | **Sample ID** AVB 103-0200-13/00

Terranext Personnel Roy Ashlock | **Sample Collected By** Roy Ashlock

Subcontractor Kary Environmental

Subcontractor Personnel John Kodat | **Date and Time Collected** 3/26/14 1150

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☒ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/26/14 1140

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
100	-	97.33	=	✓	X	2"	0.163	=	✓	X3 =	✓
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: Less than 5 feet of water - grab sample

Duplicate AVB 103-0201-13100 / 1155

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor Kaly Environmental

Subcontractor Personnel John Kodath

Sample Location or Well AVB 106-01

Sample ID AVB 106-0100-27100

Sample Collected By Roy Ashlock

Date and Time Collected 3/24/14 1330

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment

- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type Oakton Time 0800

pH 7 4 10

Other See AVB 14-01

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/24/14

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
104	-	96.10	=	7.9	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	5.15	X3 =	15

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
				BEGIN PURGE			
1317							
1319	5	29.5	1125	cloudy, low, no, no	7.88		
1321	10	28.5	1135	" "	7.75		
1323	15	27.5	1145	" "	7.60		

Total Volume Purged (gal) 15 Purge time (min) 6 Purged Dry (Y/N)

Additional Comments:

AVB 106-0404-1000 1135

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Ron Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 106-02
Sample ID AVB 106-0200-26177
Sample Collected By Ron Ashlock
Date and Time Collected 3/19/11 1030

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/11 1625

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
182	-	97.49	=	/	X	2"	0.163	/	X3 =	/
						3"	0.367			
						4"	0.652			
						5"	1.019			
						6"	1.468			

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Ray Ashlock
Subcontractor
Subcontractor Personnel /

Sample Location or Well AVB 106-03
Sample ID AVB 106-0300-26100
Sample Collected By Ray Ashlock
Date and Time Collected 3/19/16 1040

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other _____
Other _____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/16 1035

Measuring Point Description
- ☐ North Side TOC
- ☒ Other NA

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
215	-	97.17	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	0.652				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N)

Additional Comments: PDB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor

Subcontractor Personnel

Sample Location or Well AVB 107-01

Sample ID AVB 107-0100-23118

Sample Collected By Roy Ashlock

Date and Time Collected 3/18/14 1310

EQUIPMENT

Purging Method/Equipment

- [ ] New Poly Disposable Bailer
- [ ] 3" Electric Sub. Pump
- [x] Other: NA

Sampling Equipment

- [ ] New Poly disposable bailer
- [ ] Depth Specific Stainless Steel Bailer
- [x] Passive Diffusion Bag
- [ ] Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/18/14 1300

Measuring Point Description

- [x] North Side TOC
- [ ] Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
120	-	110.05	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: PDB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Kelly Environmental
Subcontractor Personnel John Kodatt

Sample Location or Well AVB 108-01
Sample ID AVB 108--0100-20 (39)
Sample Collected By Roy Ashlock
Date and Time Collected 3/27/14 0980

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other See AVB 20-07
Other ____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/27/14 0900

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
150	-	129.76	=	20.24	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	13.19	X3 =	39.58

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0918	BEGIN PURGE						
0920	10	23.4	1880	Clear, low, no, no	7.56		
0922	20	24.0	1925	Clear, low, no, no	7.40		
0924	30	23.5	1945	" "	7.39		
0926	40	24.5	1950	" "	7.35		

Total Volume Purged (gal) 40 Purge time (min) 8 Purged Dry (Y/N)
Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashloth
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 108-02
Sample ID AVB 108-0200-20225
Sample Collected By Roy Ashloth
Date and Time Collected 3/18/14 1505

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/18/14 1100

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
270	-	128.47	=	/	X	2"	0.163	/	X3 =	/
						3"	0.367			
						4"	**0.652**			
						5"	1.019			
						6"	1.468			

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: PDB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Kary Environmental
Subcontractor Personnel John Kodatt

Sample Location or Well AVB 112-05
Sample ID AVB 112-0500-14 156
Sample Collected By Roy Ashlock
Date and Time Collected 3/27/14 1135

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other See AVB 20-03
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/27/14 1100

Measuring Point Description
- ☐ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
169	-	144.10	=	24.90	X	2"	0.163	=	16.23	X3 =	48.70
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1115	BEGIN PURGE						
1117	10	26.4	2630	Clear, low, no, no	7.95		
1119	20	25.8	2590	" "	7.75		
1121	30	25.2	2520	" "	7.58		
1123	40	25.2	2520	" "	7.53		
1125	50	25.0	2490	" "	7.50		

Total Volume Purged (gal) 50 Purge time (min) 10 Purged Dry (Y/(N))
Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel —

Sample Location or Well AVB 115-01
Sample ID AVB 115-0100-21127
Sample Collected By Roy Ashlock
Date and Time Collected 3/19/14 1300

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/19/14 1250

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
151	-	101.21	=	—	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) — Purge time (min) — Purged Dry (Y/N) —

Additional Comments: PDB Sample / Duplicate / (2) PDB Blanks

QA AVB 115-0101-21127 1305

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashworth
Subcontractor
Subcontractor Personnel /

Sample Location or Well AVB 116-01
Sample ID AVB 116-0100-21134
Sample Collected By Roy Ashworth
Date and Time Collected 3/20/14 1515

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/20/14 1510

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
230	-	104.68	=	/	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	/	X3 =	/

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments:
PDB Sample / (2) PDB Installed
DUP AVB 116-0101-21134 1520

TERRANEXT

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor Yellow Jacket

Subcontractor Personnel Kat & Patrick

Sample Location or Well AVB 116-02

Sample ID AVB 116-0200-19205

Sample Collected By Roy Ashlock

Date and Time Collected 3/14/14 0940

~~[illegible]~~ 3/14/14 0800

(NA) PDB Sample AVB 116-0201-19205

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment

- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type Oakton Time 0535

pH 7 ____ 4 ____ 10 ____

Other See AVB 111-01

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/14/14 0750

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
230	-	103.05	=	126.95	X	2"	0.163	=	82.77	X3 =	248.31
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0858				**BEGIN PURGE**			
0859	50	23.0	1324	clear, low, no, no	8.16		
0900	100	23.4	1306	" "	7.75		
0901	150	23.7	1273	" "	7.69		
0902	200	23.7	1275	" "	7.67		
0903	250	23.8	1275	" "	7.65		

Total Volume Purged (gal) 250 Purge time (min) 5 Purged Dry (Y/N) N

Additional Comments:

PDB Sample AVB 116-0201-19205

Waste: 0955-1002

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Katy Environmental
Subcontractor Personnel John Bodnar

Sample Location or Well AVB 116-01
Sample ID AVB 116-0100-21134
Sample Collected By Roy Ashlock
Date and Time Collected 3/26/14 1039

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other See AVB 72-01
Other ____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/26/14 1000

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
151	-	105.97	=	45.03	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	29.35	X3 =	88.07

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1016	BEGIN PURGE						
1018	22	26.1	1460	Clear, low, no, no	7.55		
1020	44	26.0	1399	" "	7.35		
1022	66	26.0	1376	" "	7.35		
1024	88	25.7	1370	" "	7.32		

Total Volume Purged (gal) 88 Purge time (min) 8 Purged Dry (Y/N) N

Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 117-01
Sample ID AVB 117-0100-21149
Sample Collected By Roy Ashlock
Date and Time Collected 3/20/14 1450

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: MA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement
3/20/14 1415

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
160	-	131.32	=	—	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: PDB lost in well. Fish out / Fished out 4 PDB's Lost PDB Installing new PDB - attempt to Fish out - Failed PDB wire needs replacing with new PDB

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Sample Location or Well AVB 118-01

Project Number 03103154
Sample ID AVB 118-0100-12100

Terranext Personnel Roy Ashlock
Sample Collected By ~~Roy Ashlock~~ NA NA
Subcontractor
Subcontractor Personnel
Date and Time Collected NA

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☑ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement ~~3/04/14~~ NA 3/11/14 1350

Measuring Point Description
- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
106	-	103.25	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: No Sample PDB above water

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Ray Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 119-01
Sample ID AVB 119-0100-20148
Sample Collected By Ray Ashlock
Date and Time Collected 3/20/14 1120

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☑ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/20/14 1115

Measuring Point Description
- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
150	-	137.27	=	—	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	—	X3 =	—

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 120-01
Sample ID AVB 120-0100-20140
Sample Collected By Roy Ashlock
Date and Time Collected 3/18/14 1240

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/18/14 1235

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
151	-	111.13	=		X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=		X3 =	

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: POC Sample / POC Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor /

Subcontractor Personnel /

Sample Location or Well AVB 120-02

Sample ID AVB 120-0200-21245

Sample Collected By Roy Ashlock

Date and Time Collected 3/18/14 1230

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/18/14 1220

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
250	-	151.76	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor —
Subcontractor Personnel —

Sample Location or Well AVB 120-03
Sample ID AVB 120-0300-10325
Sample Collected By Roy Ashlock
Date and Time Collected 3/18/14 1215

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other NA
Other ____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/18/14 1200

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
350	-	125.10	=	—	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	0.652				
						5"	**1.019**				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) — Purge time (min) — Purged Dry (Y/N) —

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Project Number 03103154

Terranext Personnel Roy Ashlock

Subcontractor —

Subcontractor Personnel —

Sample Location or Well AVB 121-01

Sample ID AVB 121-0100-21132

Sample Collected By Roy Ashlock

Date and Time Collected 3/18/14 1135

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type ____ Time ____

pH 7 ____ 4 ____ 10 ____

Other NA

Other ____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/18/14 1170

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
151	-	98.57	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ____ Purge time (min) ____ Purged Dry (Y/N) ____

Additional Comments: POB Sample / POB Install

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Sample Location or Well AVB 121-02
Project Number 03103154
Sample ID AVB 121-0200-13240
Terranext Personnel Roy Ashlock
Sample Collected By Roy Ashlock
Subcontractor Yellow Jacket
Subcontractor Personnel Kat & Patrick
Date and Time Collected 3/11/14 1235

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Ocky09 Time 0635
pH 7 4 10
Other See AVB 136-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/11/14 1210

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
250	-	96.71	=	153.29	X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=	156.20	X3 =	468.60

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1138	**BEGIN PURGE**						
1141	78	21.3	1216	Clear, low, no, no	8.17		
1144	156	21.5	1229	Clear, low, no, no	7.83		
1149	234	21.4	1243	Clear, low, no, no	7.79		
1154	312	21.3	1246	Clear, low, no, no	7.78		
1158	390	21.4	1262	Clear, low, no, no	7.78		
1203	469	21.6	1253	Clear, low, no, no	7.77		

Total Volume Purged (gal) 468 Purge time (min) 34 Purged Dry (Y/N)

Additional Comments: 17 gpm / cut back flow 1143 to 17 gpm cut back flow 1154 to 9 gpm
Waste (257-1312 25th & Lincoln

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Sample Location or Well AVB 122-01

Project Number 03103154
Sample ID AVB 122-0100-21152

Terranext Personnel Ray Ashlock
Sample Collected By Ray Ashlock
Subcontractor
Subcontractor Personnel /
Date and Time Collected 3/18/14 1020

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/18/14 1014

Measuring Point Description
- ☐ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
170	-	121.35	=	/	X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=	/	X3 =	/

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: POB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 122-02
Sample ID AVB 122-0200-21245
Sample Collected By Roy Ashlock
Date and Time Collected 3/18/14 1035

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/18/14 1030

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
260	-	122.59	=	/	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	/	X3 =	/

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Joy Ashlock
Subcontractor Yellow Jacket
Subcontractor Personnel Kurt & Patrick

Sample Location or Well AVB 122-03
Sample ID AVB 122-0300- 18330
Sample Collected By Joy Ashlock
Date and Time Collected 3/18/14 1555

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time 0615
pH 7 4 10
Other see AvB 142-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/18/14 1420

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
345	-	120.62	=	224.38	X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=	228.62	X3 =	685.93

Time	Volume Purged (gal.)	Temp (°F) °C	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1450				BEGIN PURGE			
1456	98	24.4	1793	Clear, low, no, no	8.01		
1502	196	25.1	1785	Clear, low, no, no	8.09		
1508	294	23.7	1802	Clear, low, no, no	8.07		
1514	392	23.7	1806	Clear, low, no, no	8.03		
1520	490	23.3	1803	Clear, low, no, no	8.02		
1526	588	23.3	1800	Clear, low, no, no	7.85		
1532	686	22.6	1803	Clear, low, no, no	8.02		

Total Volume Purged (gal) 686 Purge time (min) 42 Purged Dry (Y/N) N

Additional Comments: Discharged D.G. Ditch to Sewer Manifold 16.5 gpm
EB AVB 122-0304-1000

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 123-01
Sample ID AVB 123-0100-19148
Sample Collected By Roy Ashlock
Date and Time Collected 3/20/14 1615

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☑ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/20/14 1610

Measuring Point Description
- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
150	-	102.01	=	✓	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	✓	X3 =	✓

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: POB Sample / POB Installed
POB wire Broke - need to replace

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor —
Subcontractor Personnel —

Sample Location or Well AVB 124-01
Sample ID AVB 124-0100-19215
Sample Collected By Roy Ashlock
Date and Time Collected 3/20/14 1550

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: ____

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☑ Passive Diffusion Bag
- ☐ Other ____

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other NA
Other ____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/20/14 1515

Measuring Point Description
- ☑ North Side TOC
- ☐ Other ____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
230	-	103.04	=	/	X	2"	0.163	/	X3 =	/
						3"	0.367			
						4"	**0.652**			
						5"	1.019			
						6"	1.468			

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) — Purged Dry (Y/N) ____

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Yellow Jacket
Subcontractor Personnel Kat & Derik

Sample Location or Well AVB 124-02
Sample ID AVB 124-0200- 16270
Sample Collected By Roy Ashlock
Date and Time Collected 3/10/14 0842

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time 0715
pH 7 X 4 X 10 X
Other
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement
3/10/14 0720

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
283	-	102.55	=	180.45	X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=	183.87	X3 =	551.63

Time	Volume Purged (gal.)	Temp (F) °C	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0759				**BEGIN PURGE**			
0804	69	22.7	1258	Clear, low, no, no	7.41		
0809	138	22.9	1281	light brown, low, no, no	7.49		
0814	207	23.0	1285	Clear, low, no, no	7.53		
0819	276	23.4	1287	Clear, low, no, no	7.54		
0824	345	23.1	1290	Clear, low, no, no	7.53		
0829	414	23.5	1288	Clear, low, no, no	7.55		
0834	483	23.5	1287	Clear, low, no, no	7.56		
0839	552	23.4	1288	Clear, low, no, no	7.58		

Total Volume Purged (gal) 552 Purge time (min) 47 Purged Dry (Y/N)

Additional Comments:
Trip Blank AVB 124-0202-1000
Waste 1447-1457

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 125-01

Project Number 03103154 | **Sample ID** AVB 125-0100-19 i25

Terranext Personnel Roy Ashlock | **Sample Collected By** Roy Ashlock

Subcontractor Key Environmental | **Date and Time Collected** 3/25/14 1328

Subcontractor Personnel John Kodatt

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment

- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other see AVB 95-01

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/25/14

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
150	-	100.78	=	49.22	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	32.09	X3 =	96.27

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1312	**BEGIN PURGE**						
1314	24	25.4	1190	Clear, low, no, no	7.75		
1316	48	24.9	1184	Clear, low, no, no	7.58		
1318	72	24.4	1188	Clear, low, no, no	7.55		
1320	96	23.7	1185	" "	7.55		

Total Volume Purged (gal) 96 Purge time (min) 8 Purged Dry (Y/N)

Additional Comments: Collect Sample

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Sample Location or Well AVB 126-01
Project Number 03103154
Sample ID AVB 126-0100-15 126
Terranext Personnel Roy Ashlock
Sample Collected By Roy Ashlock
Subcontractor Early Environmental
Subcontractor Personnel John Kodatt
Date and Time Collected 3/27/14 1455

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other See AVB 20-07
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/27/14 1435

Measuring Point Description
- ☐ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
144	-	111.88	=	32.12	X	2"	0.163	=	20.91	X3 =	62.82
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1443	BEGIN PURGE						
1445	21	26.2	1325	Clear, low, no, no	7.89		
1447	42	25.7	1320	" " "	7.61		
1449	63	25.5	1295	" " "	7.57		

Total Volume Purged (gal) 63 Purge time (min) 6 Purged Dry (Y(N))
Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Ray Ashlock
Subcontractor Yellow Jacket
Subcontractor Personnel Kat & Patrick

Sample Location or Well AVB 126-02
Sample ID AVB 126-0200- 14230
Sample Collected By Ray Ashlock
Date and Time Collected 3/10/14 1245

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time 0715
pH 7 4 10
Other See AVB 124-02
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/10/14 1030

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
238	-	105.85	=	132.15	X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=	134.66	X3 =	403.98

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1144	BEGIN PURGE						
1148	81	26.1	1078	Clear, low, no, no	8.10		
1152	162	25.1	956	Clear, low, no, no	7.82		
1158	243	25.0	1254	Clear, low, no, no	7.52		
1206	324	24.6	1258	Clear, low, no, no	7.49		
1213	405	24.7	1262	Clear, low, no, no	7.50		

Total Volume Purged (gal) 405 Purge time (min) 30 Purged Dry (Y/N)

Additional Comments:
Discharge Directly to Manhole 20 gpm
Cut Back Flow @ 1153 to 11 gpm

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Sample Location or Well AVB 126-03
Project Number 03103154
Sample ID AVB 126-0300- 13325
Terranext Personnel Roy Ashlock
Sample Collected By Roy Ashlock
Subcontractor Yellow Jacket
Subcontractor Personnel Kat & Patrick
Date and Time Collected 3/10/14 1447

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time 0715
pH 7 4 10
Other See AVB 124-02
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/10/14 1230

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
350	-	105.98	=	244.02	X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=	248.65	X3 =	745.96

Time	Volume Purged (gal.)	Temp (°C)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1332				**BEGIN PURGE**			
1334	62	25.1	1067	Clear, low, no, no	7.91		
1336	124	24.5	1066	Clear, low, no, no	8.08		
1338	186	24.0	1062	Clear, low, no, no	8.10		
1340	248	23.9	1143	Clear, low, no, no	8.03		
1342	310	23.7	1147	Clear, low, no, no	8.05		
1344	372	23.7	1153	Clear, low, no, no	8.08		
1346	434	23.8	1148	Clear, low, no, no	8.06		
1348	496	24.0	1156	Clear, low, no, no	8.03		
1350	558	23.7	1150	Clear, low, no, no	8.00		
1352	620	23.6	1151	Clear, low, no, no	7.99		
1354	682	23.7	1147	Clear, low, no, no	8.01		
1356	744	23.6	1150		8.01		

Total Volume Purged (gal) 745 Purge time (min) 24 Purged Dry (Y/N)
Additional Comments: Discharged directly to manhole 25 gpm
EB AVB 126-0304-1000 1450

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel /

Sample Location or Well AVB 127-01
Sample ID AVB 127-0100-18140
Sample Collected By Roy Ashlock
Date and Time Collected 3/18/14 1400

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/18/14 1355

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
149	-	111.98	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel

Sample Location or Well AVB 128-01
Sample ID AVB 128-0100-18279
Sample Collected By Roy Ashlock
Date and Time Collected 3/18/14 1335

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☑ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☑ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/18/14 1330

Measuring Point Description
- ☑ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
289	-	126.62	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						
					/		

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: PDB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA **Sample Location or Well** AVB 129-01

Project Number 03103154 **Sample ID** AVB 129-0100-19152

Terranext Personnel Roy Ashlock **Sample Collected By** Roy Ashlock

Subcontractor /

Subcontractor Personnel / **Date and Time Collected** 3/17/14 1110

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other N/A

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/17/14 1105

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)		Purge Volume (gal.)
170	-	126.25	=	/	X	2"	0.163	=	/	X3 =	/
						3"	0.367				
						4"	0.652				
						5"	**1.019**				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) /

Additional Comments: PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor —
Subcontractor Personnel —

Sample Location or Well AVB 129-02
Sample ID AVB 129-0200-17310
Sample Collected By Roy Ashlock
Date and Time Collected 3/17/14 1054

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: N/A

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other N/A
Other ____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/17/14 1045

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
320	-	131.45	=	—	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ____ Purge time (min) ____ Purged Dry (Y/N) ____

Additional Comments: PDB Installed / Trip Blank AVB 129-0202-1000

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Ron Ashlock
Subcontractor
Subcontractor Personnel —

Sample Location or Well AVB 130-01
Sample ID AVB 130-0100-19159
Sample Collected By Ron Ashlock
Date and Time Collected 3/20/14 1420

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☑ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/20/14 1415

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
161	-	142.27	=	—	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) — Purge time (min) — Purged Dry (Y/N) —

Additional Comments: POB Sample / POB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 131-01

Project Number 03103154 | **Sample ID** AVB 131-0100- 16215

Terranext Personnel Roy Ashlock | **Sample Collected By** Roy Ashlock

Subcontractor Yellow Jacket

Subcontractor Personnel Kat & Patrick | **Date and Time Collected** 3/10/14 1020

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment

- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type Oakton | Time 0715

pH 7 4 10

Other See AVB 124-02

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/10/14 0916

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
228	-	105.82	=	122.18	X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=	124/50	X3 =	373.50

Time	Volume Purged (gal.)	Temp (°C)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0941			BEGIN PURGE				
0947	75	25.0	1777	Clear, low, no, no	7.32		
0950	150	24.9	1798	Clear, low, no, no	7.28		
0953	225	25.0	1800	Clear, low, no, no	7.28		
0955	300	24.9	1809	Clear, low, no, no	7.27		
0958	375	25.0	1809	Clear, low, no, no	7.27		

Total Volume Purged (gal) 375 | Purge time (min) 14 | Purged Dry (Y/(N))

Additional Comments: Water 1500- 1507

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Key Environmental
Subcontractor Personnel John Kodatt

Sample Location or Well AVB 131-02
Sample ID AVB 131-0200-01 12B
Sample Collected By Roy Ashlock
Date and Time Collected 3/26/14 0950

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other See AVB 72-01
Other ____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/26/14 0935

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
150	-	106.58	=	43.42	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	28.30	X3 =	84.92

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0932	BEGIN PURGE						
0934	17	26.5	1901	Clear, low, NO, NO	7.58		
0936	34	26.2	1936	" "	7.49		
0938	51	26.3	1950	" "	7.44		
0940	68	26.1	1956	" "	7.44		
0942	85	26.1	1955	" "	7.42		

Total Volume Purged (gal) 85 Purge time (min) 10 Purged Dry (Y/N) N
Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Sample Location or Well AVB 132-01

Project Number 03103154
Sample ID AVB 132-0100-15210

Terranext Personnel Roy Ashlock
Sample Collected By Roy Ashlock
Subcontractor —
Subcontractor Personnel —
Date and Time Collected 3/20/14 1450

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type ____ Time ____
pH 7 ____ 4 ____ 10 ____
Other NA
Other ____

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/20/14 1445

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
225	-	113.25	=		X	2"	0.163	=		X3 =	
						3"	0.367				
						4"	0.652				
						5"	**1.019**				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) — Purge time (min) — Purged Dry (Y/N) —

Additional Comments: PDB Sample / (2) PDB Installed
DUP AVB 132-0101-15210 1455

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 132-02

Project Number 03103154 | **Sample ID** AVB 132-0200- 15280

Terranext Personnel Roy Ashlock | **Sample Collected By** Roy Ashlock

Subcontractor Yellow Jacket

Subcontractor Personnel Kat & Patrick | **Date and Time Collected** 3/14/14 1140

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment

- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type Oakton | Time 0535

pH 7 ____ 4 ____ 10 ____

Other See AVB 143-01

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/14/14

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
292	-	141.05	=	150.95	X	2" 0.163 3" 0.367 4" 0.652 5" 1.019 6" 1.468	=	153.81	X3 =	461.43

Time	Volume Purged (gal.)	Temp °F/°C	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1041	BEGIN PURGE						
1045	66	23.5	1301	Clear, low, no, no	8.52		
1049	132	23.5	1300	Clear, low, no, no	8.30		
1053	198	23.5	1303	Clear, low, no, no	8.21		
1058	264	23.4	1302	Clear, low, no, no	8.15		
1102	330	23.4	1302	Clear, low, no, no	8.01		
1106	396	23.5	1303	Clear, low, no, no	7.90		
1110	462	23.6	1304	Clear, low, no, no	7.88		

Total Volume Purged (gal) 462 | Purge time (min) 29 | Purged Dry (Y/N) N

Additional Comments:

EB AVB 132-0204-1000 1145

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Ray Ashlock
Subcontractor Yellow Jacket
Subcontractor Personnel KAT & Patrick

Sample Location or Well AVB 133-01
Sample ID AVB 133-0100- 16200
Sample Collected By Ray Ashlock
Date and Time Collected 3/11/14 1635

EQUIPMENT
Purging Method/Equipment
- [ ] New Poly Disposable Bailer
- [x] 3" Electric Sub. Pump
- [ ] Other:

Sampling Equipment
- [ ] New Poly disposable bailer
- [x] Depth Specific Stainless Steel Bailer
- [ ] Passive Diffusion Bag
- [ ] Other

CALIBRATION
Equipment Type Oakton Time 0635
pH 7 4 10
Other See AVB 136-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/11/13 1526

Measuring Point Description
- [x] North Side TOC
- [ ] Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
215	-	96.22	=	118.78	X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=	121.03	X3 =	363.11

Time	Volume Purged (gal.)	Temp °C	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1552			BEGIN PURGE				
1555	73	24.4	1438	Tan Brown, med, no, no	8.22		
1558	146	24.2	1262	Tan Brown, low, no, no	7.90		
1601	219	24.0	1445	Clear, low, no, no	7.75		
1604	292	24.0	1455	Clear, low, no, no	7.71		
1607	365	23.9	1451	Clear, low, no, no	7.69		

Total Volume Purged (gal) 365 Purge time (min) 15 Purged Dry (Y/N) N

Additional Comments: 27 gpm

EB AVB 133-0104-1000 1640
Waste 1704-1715 @ 25th & Jefferson

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor
Subcontractor Personnel /

Sample Location or Well AVB 134-01
Sample ID AVB 134-0100-13140
Sample Collected By Roy Ashlock
Date and Time Collected 3/18/14 1420

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment
- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/18/14 1415

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
142	-	111.09	=		X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=		X3 =	

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) / Purge time (min) / Purged Dry (Y/N) —

Additional Comments: PDB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA **Sample Location or Well** AVB 134-02

Project Number 03103154 **Sample ID** AVB 134-0200-14230

Terranext Personnel Roy Ashlock **Sample Collected By** Roy Ashlock

Subcontractor —

Subcontractor Personnel — **Date and Time Collected** 3/18/16 1430

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☒ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type ____ Time ____

pH 7 ____ 4 ____ 10 ____

Other NA

Other ____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/18/16 1425

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
244	-	182.15	=	—	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) — Purge time (min) — Purged Dry (Y/N) —

Additional Comments: PDB Sample / PDB Installed

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 135-01

Project Number 03103154 | **Sample ID** AVB 135-0100-14 (2)7

Terranext Personnel Roy Ashlock | **Sample Collected By** Roy Ashlock

Subcontractor Katy Environmental | **Date and Time Collected** 3/25/14 1025

Subcontractor Personnel John Kodoff

EQUIPMENT

Purging Method/Equipment

- [ ] New Poly Disposable Bailer
- [x] 3" Electric Sub. Pump
- [ ] Other:

Sampling Equipment

- [ ] New Poly disposable bailer
- [x] Depth Specific Stainless Steel Bailer
- [ ] Passive Diffusion Bag
- [ ] Other

CALIBRATION

Equipment Type Oakton Time

pH 7 4 10

Other See AVB 91-01

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/25/14

Measuring Point Description

- [x] North Side TOC
- [ ] Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
140	-	114.89	=	25.11	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	16.37	X3 =	49.11

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1004	BEGIN PURGE						
1007	10	25.0	2200	Clear, low, no, no	7.65		
1010	20	24.6	2210	" "	7.30		
1013	30	24.6	2250	" "	7.25		
1016	40	24.5	2240	" "	7.27		
1019	50	24.5	2240	" "	7.33		

Total Volume Purged (gal) 50 Purge time (min) 15 Purged Dry (Y/N)

Additional Comments:

TERRANEXT

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Sample Location or Well AVB 136-01

Project Number 03103154

Sample ID AVB 136-0100- 14235

Terranext Personnel Roy Ashlock

Sample Collected By Roy Ashlock

Subcontractor Yellow Jacket

Subcontractor Personnel Kat & Patrick

Date and Time Collected 3/11/14 1035

EQUIPMENT

Purging Method/Equipment

- [ ] New Poly Disposable Bailer
- [x] 3" Electric Sub. Pump
- [ ] Other:

Sampling Equipment

- [ ] New Poly disposable bailer
- [x] Depth Specific Stainless Steel Bailer
- [ ] Passive Diffusion Bag
- [ ] Other

CALIBRATION

Equipment Type Oakton Time 0635

pH 7 X 4 X 10 X

Other

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/11/14 0630

Measuring Point Description

- [x] North Side TOC
- [ ] Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
247	-	104.45	=	142.55	X	2"	0.163	=	145.25	X3 =	435.77
						3"	0.367				
						4"	0.652				
						5"	**1.019**				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0702	BEGIN PURGE						
0705	73	23.3	1406	Clear, low, no, no	7.25		
0708	146	22.6	1430	light Brown/Tan, med, no, no	7.28		
Start 0933 0939	73	23.5	1396	Clear, low, no, no	7.82		
0946	146	23.3	1420	" "	7.51		
0953	292	23.5	1411	" "	7.48		
1000	365	23.6	1415	" "	7.46		
1007	438	23.4	1423	" "	7.45		

Total Volume Purged (gal) Purge time (min) Purged Dry (Y/N)

Additional Comments: pump shut off @ 0710 & pumped ~ 200 gallons

See Daily Field log (Attached)

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Roy Ashlock
Subcontractor Yellow Jacket
Subcontractor Personnel Kat & Patrick

Sample Location or Well AVB 137-01
Sample ID AVB 137-0100- 13260
Sample Collected By Roy Ashlock
Date and Time Collected 3/11/14 1422

EQUIPMENT
Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION
Equipment Type Oakton Time 0639
pH 7 4 10
Other See AVB 136-01
Other

DEPTH TO WATER MEASUREMENT
Date & Time of DTW measurement 3/11/13 1315

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =	Purge Volume (gal.)
270	-	112.31	=	157.69	X	2"	0.163	=	160.68	X3 =	482.05
						3"	0.367				
						4"	0.652				
						5"	**1.019**				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1340	BEGIN PURGE						
1343	80	22.7	1556	Clear, low, no, no	7.56		
1346	160	22.5	1577	light tan/brown, low, no, no	7.50		
1349	240	22.5	1580	tan/brown, med, no, no	7.49		
1352	320	22.5	1589	tan/brown, med, no, no	7.50		
1355	400	22.4	1598	tan/brown, med, no, no	7.51		
1358	480	22.5	1589	tan/brown, med, no, no	7.52		

Total Volume Purged (gal) 400 Purge time (min) 18 Purged Dry (Y/(N))
Additional Comments: 22 gpm
Waste 1449-1503 @ 25ft/Linolm

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 138-01

Project Number 03103154 | **Sample ID** AVB 138-0100- 06

Terranext Personnel Roy Ashlock | **Sample Collected By** NA

Subcontractor Katy Environmental

Subcontractor Personnel John Nadatt | **Date and Time Collected** NA

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/7/14 0805

Measuring Point Description

- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
120	-	Dry	=	✓	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	✓	X3 =	✓

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: Dry well / no sample

TERRANEXT

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA

Sample Location or Well AVB 139-01

Project Number 03103154

Sample ID AVB 139-0100- 13290

Terranext Personnel Roy Ashlock

Sample Collected By Roy Ashlock

Subcontractor Yellow Jacket

Subcontractor Personnel Kat & Patrick

Date and Time Collected 3/13/14 0742

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment

- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type Oakton Time 0535

pH 7 X 4 X 10 X

Other

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/13/14 0530

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
310	-	113.25	=	196.75	X	2"	0.163	=	200.48	X3 =	601.46
						3"	0.367				
						4"	0.652				
						5"	**1.019**				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°C)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0614	BEGIN PURGE						
0617	86	20.0	2880	Clear, low, no, no	7.23		
0626	172	21.5	2900	Clear, low, no, no	7.25		
0[illegible]	258	21.8	2930	Clear, low, no, no	7.26		
[illegible]	344	22.1	2940	Clear, low, no, no	7.26		
[illegible]	430	22.4	2910	Clear, low, no, no	7.27		
[illegible]	516	21.8	2920	Clear, low, no, no	7.28		
[illegible]	602	22.0	2900	Clear, low, no, no	7.30		
1 hr							

Restart 0640 0649 0658 0707 0716 0725

Total Volume Purged (gal) 602 Purge time (min) 48 Purged Dry (Y/N)

Additional Comments: Pumping Dry @ 617 Cut back Flow to 10 gpm Drawing Down - lower pump to 220 @ 0626 - Restart 0640 Pump @ 10 gpm 0807 + 0814 waste 71st & Sherman 400 gal

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 140-01

Project Number 03103154 | **Sample ID** AVB 140-0100- 11 1110

Terranext Personnel Ray Ashlock | **Sample Collected By** Ray Ashlock

Subcontractor Kelly Environmental

Subcontractor Personnel John Kodatt | **Date and Time Collected** 3/26/14 1120

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other: _____

Sampling Equipment

- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other _____

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other See AVB 75-01

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/26/14 1100

Measuring Point Description

- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
130	-	91.16	=	38.84	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	25.32	X3 =	75.97

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1110	BEGIN PURGE						
1112	26	24.0	1169	Clear, low, no, no	8.45		
1114	52	23.6	1159	" "	7.95		
1116	78	23.8	1145	" "	7.75		

Total Volume Purged (gal) 78 Purge time (min) 6 Purged Dry (Y/(N)

Additional Comments:

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 141-01

Project Number 03103154 | **Sample ID** AVB 141-0100- 13285

Terranext Personnel Roy Ashlock | **Sample Collected By** Roy Ashlock

Subcontractor Kat & Patrick

Subcontractor Personnel Yellow Jacket | **Date and Time Collected** 3/14/14 0710

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment

- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type Oakton Time 0535

pH 7 X 4 X 10 X

Other

Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/14/14 0530

Measuring Point Description

- ☒ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
310	-	145.85	=	164.15	X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=	167.26	X3 =	501.80

Time	Volume Purged (gal.)	Temp (°F) °C	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0616	**BEGIN PURGE**						
0619	72	22.9	2300	Clear, low, no, no	6.55		
0622	144	23.8	2260	Clear, low, no, no	7.01		
0625	216	23.3	2250	Clear, low, no, no	7.39		
0628	288	23.5	1996	Clear, low, no, no	7.45		
0631	360	23.3	2260	Clear, low, no, no	7.49		
0634	432	23.6	2250	Clear, low, no, no	7.51		
0637	504	23.3	2250	Clear, low, no, no	7.55		

Total Volume Purged (gal) 504 Purge time (min) 21 Purged Dry (Y (N)

Additional Comments: TB AVB 141-0102-1000 AVB 141-0102-1000

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 142-01

Project Number 03103154 | **Sample ID** AVB 142-0100- 11335

Terranext Personnel Roy Ashlock | **Sample Collected By** Roy Ashlock

Subcontractor Yellow Jacket

Subcontractor Personnel Kat & patrick | **Date and Time Collected** 3/12/14 0745

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other: _____

Sampling Equipment

- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other _____

CALIBRATION

Equipment Type Oakton Time 0625

pH 7 X 4 X 10 X

Other _____

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/12/14 0610

Measuring Point Description

- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
350	-	118.81	=	231.19	X	2" 0.163 3" 0.367 4" 0.652 **5" 1.019** 6" 1.468	=	235.58	X3 =	706.74

Time	Volume Purged (gal.)	Temp (F) °C	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0650				**BEGIN PURGE**			
0654	101	20.5	1827	Clear, low, no, no	6.98		
0658	202	21.5	1867	Clear, low, no, no	7.20		
0702	303	21.7	1898	Brown, High, no, no	7.23		
0706	404	22.3	1886	Brown, High, no, no	7.24		
0710	505	22.4	1884	Brown, Tan, med, no, no	7.27		
0714	606	22.6	1875	Brown, Tan, Med, no, no	7.28		
0718	707	22.5	1881	Brown, Tan, Med, no, no			

Total Volume Purged (gal) 707 Purge time (min) 28 Purged Dry (Y)(N)

Additional Comments:

Trip Blank AVB 142-0102-1000 / Switch tanks 0708

400 Waste 0814 654h & grant / waste 307 gallons 0825-0834

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 143-01

Project Number 03103154 | **Sample ID** AVB 143-0100-01 L24

Terranext Personnel Roy Ashlock | **Sample Collected By** Roy Ashlock

Subcontractor Kary Environmental

Subcontractor Personnel John Kalatt | **Date and Time Collected** 3/26/14 1402

EQUIPMENT

Purging Method/Equipment

- [ ] New Poly Disposable Bailer
- [x] 3" Electric Sub. Pump
- [ ] Other:

Sampling Equipment

- [ ] New Poly disposable bailer
- [x] Depth Specific Stainless Steel Bailer
- [ ] Passive Diffusion Bag
- [ ] Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other See AVB 72-01

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/26/14 1330

Measuring Point Description

- [x] North Side TOC
- [ ] Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
150	-	98.67	=	51.33	X	2"	0.163	=	33.46	X3 =	100
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1337	BEGIN PURGE						
1341	20	27.4	1280	Clear, low, no, no	7.67		
1345	40	26.5	1270	Clear, low, no, no	7.68		
1349	60	27.1	1272	Clear, low, no, no	7.62		
1353	80	26.3	1277	Clear, low, no, no	7.60		
1357	100	25.7	1280	Clear, low, no, no	7.58		

Total Volume Purged (gal) 100 Purge time (min) 20 Purged Dry (Y (N))

Additional Comments:

EB AVB 143-01 04-1000 1403

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** AVB 145-01

Project Number 03103154 | **Sample ID** AVB 145-0100-01136

Terranext Personnel Roy Ashlock | **Sample Collected By** Roy Ashlock

Subcontractor Kelly Environmental

Subcontractor Personnel John Kodatt | **Date and Time Collected** 3/25/14 0900

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other: _____

Sampling Equipment

- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other _____

CALIBRATION

Equipment Type Horiba | Time _____

pH 7 _____ 4 _____ 10 _____

Other See AVB 25-01

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/25/14 0835

Measuring Point Description

- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
150	-	122.26	=	27.74	X	2"	0.163	=	18.08	X3 =	54.25
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
0840	BEGIN PURGE						
0842	9	23.5	2360	Clear, low, no, no	7.75		
0845	18	23.8	2360	" " "	7.65		
0847	27	23.8	2380	" " "	7.60		
0848	36	24.0	2370	" " "	7.58		
0850	45	24.1	2380	" " "	7.55		
0852	54	24.0	2380		7.55		

Total Volume Purged (gal) 54 | Purge time (min) 12 | Purged Dry (Y/N) N

Additional Comments:

AVP AVB 145-0101-05136 0905

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA **Sample Location or Well** PS-1

Project Number 03103154 **Sample ID** PS-1

Terranext Personnel Roy Ashbaugh **Sample Collected By** NA
Subcontractor Key Environmental
Subcontractor Personnel John Kellet **Date and Time Collected** NA

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION

Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/6/14 1000

Measuring Point Description

- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
120	-	Dry	=	/	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	/	X3 =	/

Time	Volume Purged (gal.)	Temp (^{0}F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) ____

Additional Comments: no Sample / Dry Well

TERRANEXT

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA **Sample Location or Well** PS-2

Project Number 03103154 **Sample ID** PS-2

Terranext Personnel Roy Ashlock **Sample Collected By** NA

Subcontractor Kary Environmental

Subcontractor Personnel John Kattet **Date and Time Collected** NA

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/6/14 0955

Measuring Point Description

- ☐ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
120	-	Dry	=	—	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: no Sample / Dry Well

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA **Sample Location or Well** PS-3

Project Number 03103154 **Sample ID** PS-3

Terranext Personnel Dry Ashlock **Sample Collected By** NA
Subcontractor Key Environmental
Subcontractor Personnel John Kellet **Date and Time Collected** NA

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION

Equipment Type _____ Time _____
pH 7 _____ 4 _____ 10 _____
Other NA
Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/6/11 1055

Measuring Point Description

- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
120	-	Dry	=	/	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	/	X3 =	/

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: NO Sample / Dry well

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** PS-4

Project Number 03103154 | **Sample ID** PS-4

Terranext Personnel Ray Ashlock | **Sample Collected By** NA

Subcontractor Hart Environmental

Subcontractor Personnel John Hart | **Date and Time Collected** NA

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 2/6/14 0910

Measuring Point Description

- ☐ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
110	-	Dry	=	✓	X	2"	0.163	=	✓	X3 =	✓
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) ✓ Purge time (min) ✓ Purged Dry (Y/N) ✓

Additional Comments: No Sample / Dry well

TERRANEXT

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA **Sample Location or Well** PS-5

Project Number 03103154 **Sample ID** PS-5

Terranext Personnel Roy Ashlock **Sample Collected By** NA

Subcontractor Kerry Environmental

Subcontractor Personnel John Kattat **Date and Time Collected** NA

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☐ 3" Electric Sub. Pump
- ☒ Other: NA

Sampling Equipment

- ☐ New Poly disposable bailer
- ☐ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☒ Other NA

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other NA

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/6/14 1035

Measuring Point Description

- ☒ North Side TOC
- ☐ Other _____

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)			One Well Volume (gal.)		Purge Volume (gal.)
120	-	Dry	=	—	X	2"	0.163	=	—	X3 =	—
						3"	0.367				
						4"	**0.652**				
						5"	1.019				
						6"	1.468				

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
	BEGIN PURGE						

Total Volume Purged (gal) _____ Purge time (min) _____ Purged Dry (Y/N) _____

Additional Comments: No Sample / Dry Well

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA
Project Number 03103154
Terranext Personnel Ray Ashlock
Subcontractor K&S Environmental
Subcontractor Personnel John Kodath

Sample Location or Well PS-6
Sample ID PS-6
Sample Collected By RAY
Date and Time Collected 3/27/14

EQUIPMENT

Purging Method/Equipment
- ☐ New Poly Disposable Bailer
- ☑ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment
- ☐ New Poly disposable bailer
- ☑ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time
pH 7 _____ 4 _____ 1
Other See AVB 20-0
Other _____

Measuring Point Description
- ☒ North Side TOC
- ☐ Other

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/27/14 1335

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)	=	Water Column (ft)	X	Volume per Foot Casing Dia. (inches)		=	One Well Volume (gal.)	X3 =
140	-	124.51	=	15.49	X	2"	0.163	=	10.09	X3 =
						3"	0.367			
						4"	**0.652**			
						5"	1.019			
						6"	1.468			

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Oth
				BEGIN PURGE		
1341						
1345	10	26.9	1885	Clear, low, NO, NO	7.32	
1349	20	26.1	1915	" "	7.21	
1353	30	26.0	1915	" "	7.23	

Total Volume Purged (gal) 30 Purge time (min) 12 Purged Dry (Y)(N)

Additional Comments:

Purged Dry (

GROUNDWATER PURGE & SAMPLE COLLECTION FORM

Project Name WVBA | **Sample Location or Well** PS-9

Project Number 03103154 | **Sample ID** PS-9

Terranext Personnel Ray Ashlock | **Sample Collected By** Ray Ashlock

Subcontractor Key Environmental | **Date and Time Collected** 3/27/14 1235

Subcontractor Personnel John Kodatt

EQUIPMENT

Purging Method/Equipment

- ☐ New Poly Disposable Bailer
- ☒ 3" Electric Sub. Pump
- ☐ Other:

Sampling Equipment

- ☐ New Poly disposable bailer
- ☒ Depth Specific Stainless Steel Bailer
- ☐ Passive Diffusion Bag
- ☐ Other

CALIBRATION

Equipment Type _____ Time _____

pH 7 _____ 4 _____ 10 _____

Other See Aug 20-07

Other _____

DEPTH TO WATER MEASUREMENT

Date & Time of DTW measurement 3/27/14 1200

Measuring Point Description

- ☐ North Side TOC
- ☐ Other

PURGING INFORMATION

Total Well Depth (ft)		Static Depth to Water (ft)		Water Column (ft)		Volume per Foot Casing Dia. (inches)		One Well Volume (gal.)		Purge Volume (gal.)
140	-	126.75	=	13.25	X	2" 0.163 3" 0.367 **4" 0.652** 5" 1.019 6" 1.468	=	8.63	X3 =	25.91

Time	Volume Purged (gal.)	Temp (°F)	Conductance (µS)	Water Description (Color, Turbidity, Odor, Oil)	pH	Other	Other
1216	BEGIN PURGE						
1218	5	26.0	1501	Clear, low, no, no	7.87		
1220	10	26.7	1482	Clear, low, no, no	7.65		
1222	15	26.9	1465	Cloudy Tan clear, low, no, no	7.70		
1224	20	26.3	1485	Clear, low, no, no	7.62		
1226	25	25.8	1486	Brown, High, no, no	7.65		

Total Volume Purged (gal) 25 Purge time (min) 10 Purged Dry (Y/(N))

Additional Comments:

DUP PS-9D 1240