



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATUS & TREND NETWORKS FIELD SHEET - GROUND WATER
Effective: October 2023

Collection Agency: _____ Project Name: _____ Date: _____

On-site Time (24hr): _____ Off-site Time (24hr): _____ Time Zone (for all times listed on this form): ☐ ETZ / ☐ CTZ

Trend Network Station Name: _____

OR

Status Network Random ID: _____

Water Resource: ☐ UNCONFINED AQUIFER / ☐ CONFINED AQUIFER RQ- _____

FLUWID: _____ FLUWID Condition: Normal / Needs Reprint / Applied New / Applied Reprint / No ID

Station Name: _____ Casing Material: _____

Total Depth (ft): _____ Casing Depth (ft): _____ Casing Diam. (in): _____ Storage Tank Vol. (gal): _____

Land Surface Elevation (LSE)(ft): _____ Measuring Point Elevation (MPE)(ft): _____ Stickup (ft)*: _____

*Measure stickup for Status Network. Calculate stickup for Trend Network (Stickup = MPE - LSE), if MPE & LSE have the same vertical datum.

Well Condition: Normal / Other: _____ Well Use: Potable / Non-Potable / Unknown

Sampling Team Member Names	Field Measurements	Water Sample Collection	Documentation	Sample Preservation	Field / Equip. Blank Collection	Signatures or Initials

Additional Personnel / Visitors On-site: _____

Weather Conditions: _____

Photos Taken: ☐ Yes / ☐ No (Required for all Status stations. Required annually for all Trend stations.)

Micro Land Use Data Collected: ☐ Yes / ☐ No (Required for all Status stations. Required annually for all Trend stations.)

Major Land Use Group: _____ Feature Codes Observed: _____

QA/QC Blank Collected at this station? ☐ None / ☐ Field Blank / ☐ Equip. Blank

QA/QC Blank Field ID: _____ Collection Time (24 hr): _____

Equip. Type: Submersible / Peristaltic Equip. ID / Name: _____ Cleaning: ☐ Lab / ☐ Field

INITIAL DEPTH TO WATER FROM MEASURING POINT (DTW)

Select one method, measure twice, report second number. Measurements must be within ± 0.01 ft. Report as negative # if above MPE.

☐ 1) Electronic Sensor 1st Reading _____ ft 2nd Reading _____ ft

☐ 2) Tape / Chalk (Held At - Wetted At) = DTW 1st Reading (_____ ft - _____ ft) = _____ ft
2nd Reading (_____ ft - _____ ft) = _____ ft

☐ 3) Hose / Tape for Flowing Artesian Well (meas. from top of hose to MPE) 1st Reading _____ ft 2nd Reading _____ ft

☐ 4) Pressure Gauge for Flowing Artesian Well 1st Reading _____ PSI X (-2.31) = _____ ft

2nd Reading _____ PSI X (-2.31) = _____ ft Adjust for diff. btwn. gauge & MPE (if needed) _____ ft

☐ 5) DTW Not Measured. List reason in DTW result comment below.

DTW Value (ft):	DTW Qualifier(s):	DTW Result Comment:
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Field ID: _____ Project Name: _____ Date: _____

Purge Method: #1) Conventional Purge Method: ☐ at least 1.5 well volumes & stability;
☐ ≥ 5 well volumes without stability; ☐ Outer / Middle well in series of concentric wells.
☐ **#2)** In-place plumbing w/ Continuous / Intermittently running pump purge & stability;
☐ **#3)** Other _____

Action	Equip. Type	Fuel Powered	Pump Name	Tubing Material(s) (Describe Other in Comments)	Equip. Vol. (gal)	Pump/Intake Placement (ft)	Corrected Due to Drawdown?
Purge	IPP / Sub. / Perist. / Centrif.	Y / N		PE / PP / PVC / Si / Other / NA			Y / N
Sample	IPP / Sub. / Perist. / NA	Y / N		PE / PP / PVC / Si / Other / NA			NA

WATER COLUMN HEIGHT (WCH) Do not complete if using purge method #2 above. **DTW = NA in calc. if negative or if not meas.

_____ ft - (_____ ft - _____ ft) = _____ ft
Total Depth DTW Stickup WCH

OR ☐ Check here if WCH calculation not performed. List reason: _____

MINIMUM PURGE VOLUME DETERMINATION (Do not complete if using purge method #2 above.)**Well Diameter (inches) → Gfw (Gallons per foot of water)** If diameter not listed use Equation 1.

0.75" → 0.02; 1" → 0.04; 1.25" → 0.06; 2" → 0.16; 3" → 0.37; 4" → 0.65; 5" → 1.02; 6" → 1.47; 8" → 2.62; 10" → 4.10; 12" → 5.88

☐ Equation 1: _____ gal + (0.041 X _____ in X _____ in X _____ ft X 1.5) = _____ gal
Storage Tank Diameter Diameter WCH Min. Purge Vol.

☐ Equation 2: _____ gal + (_____ ft X _____ Gfw X 1.5) = _____ gal
Storage Tank WCH Gfw Min. Purge Vol.

☐ Outer / Middle well in series of concentric wells (show calc. in comments): _____ Well Diameter; _____ Inner Well Diameter.

Purge Rate (gal/min): _____**Manual check of all calculations complete?** Y / N

Description	# of Well Vol. (Purge Method 1)	Vol. (gal)	Time (min)
Volume to purge before first stability reading.	1 + storage tank		
Volume to purge between subsequent stability readings.	0.25		
Min. purge vol. before sample collection (if stability criteria met).	1.5 + storage tank		

Time Purge Begin (24hr): _____**Time Purge Stop (24hr):** _____**Sulfur Odor?** Y / N**Total Purge Time (min):** _____**Total Purge Volume (gal):** _____**Time Sampling Begin (24hr):** _____**Time Sampling Stop (24hr):** _____

(Time sampling begin must be same as time purge stop or later. "N/A" if only collecting field measurements.)

Water**Color:** _____**CHEMICAL STABILITY MONITORING** (Continue on 2nd Field Sheet if Needed)**Field Meter ID:** _____**Turbidity Meter ID:** _____**Stability Criteria (3 consecutive meas.):** Temp. $\pm 0.2^{\circ}\text{C}$; Specific Conductance $\pm 5.0\%$ of reading; DO $\leq 20\%$; pH ± 0.2 SU; Turbidity ≤ 20 NTU.If DO $> 20\%$ or Turbidity > 20 NTUs then: DO ± 0.2 mg/L or 10%, whichever is greater; Turbidity ± 5 NTU or 10%, whichever is greater.

	Time (24hr)	Volume Purged (gal)	Purge Rate (gal/min)	DTW (feet)	Temp ($^{\circ}\text{C}$)	D.O. (% SAT)	D.O. (mg/L)	Sp. Cond. (umhos/cm)	pH (SU)	Turbidity (NTU)	Final Meas.
1											NA
2											NA
3											Y / N
4											Y / N
5											Y / N
6											Y / N
7											Y / N
8											Y / N
9											Y / N

Parameter	Final Value	Qualifier(s)	Result Comment:
Temp.			
D.O. (%SAT)			
D.O. (mg/L)			
Sp. Cond.			
pH			
Turbidity			

SAMPLE COMMENTS:

OFFICE USE ONLY

WIN ID: _____ Reviewed By: _____ Date: _____



RQ-2020-_____ Collected By (Agency Code): _____

Project Name: _____ Sampler Names: _____

Customer: AMBIENT Lab Project ID: ☐ GW-TREND / ☐ STATUS / ☐ BMAP

Place Station ID Label Here	Comments: Sulfuric Acid Lot #: Nitric Acid Lot #:
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Matrix: W-GROUND				✓ Grab		
Date Collected	Time Collected	D.O. (% SAT)	Temp (°C)	pH (SU)	Sp. Cond. (umhos/cm)	
	<input type="checkbox"/> ETZ <input type="checkbox"/> CTZ					
Check Boxes for Each Container Submitted to Lab				Preservation (Must be completed within 15 min of sample collection)	# Bottles sent to Lab	Bottle Group
Parameter Suite	Lab Test Codes Trend Core	Lab Test Codes Status Core	Lab Test Codes Special Projects			
Tracers (BG-500ML)			<input type="checkbox"/> W-E8321-DI / W-E8321-MS	<input type="checkbox"/> Ice		
Pesticides – Carbamates (BG-500ML)			<input type="checkbox"/> W-CARB-AA	<input type="checkbox"/> 1 vial MCAA Buffer <input type="checkbox"/> Ice MCAA Lot #: _____		
Pesticides - Organochlorine (BG-500ML)			<input type="checkbox"/> W-PCL-TQ-R	<input type="checkbox"/> Ice		
Pesticides – Organo-N/P (BG-500ML)			<input type="checkbox"/> W-PSNP-TQ	<input type="checkbox"/> Ice		
Nutrients (P-500ML)	<input type="checkbox"/> W-NH3 / W-NO2NO3 / W-S-T-P / W-TN / W-TOC	<input type="checkbox"/> W-NH3 / W-NO2NO3 / W-S-T-P / W-TN / W-TOC		<input type="checkbox"/> 2ML H ₂ SO ₄ <input type="checkbox"/> pH < 2 <input type="checkbox"/> Ice		
Metals (P-500ML)	<input type="checkbox"/> W-HARD / W-ICP / W-ICPMS	<input type="checkbox"/> W-HARD / W-ICP / W-ICPMS		<input type="checkbox"/> 2ML HNO ₃ <input type="checkbox"/> pH < 2 <input type="checkbox"/> Ice		
Anion / Phys. Aggregate (P-1L)	<input type="checkbox"/> ALKALINITY / TURBIDITY / W-CL-IC / W-COLOR / W-COND / W-F/ W-SO4-IC / W-TDS	<input type="checkbox"/> ALKALINITY / TURBIDITY / W-CL-IC / W-COLOR / W-COND / W-F/ W-SO4-IC / W-TDS		<input type="checkbox"/> Ice		
Microbiology (P-250ML or P-120ML)	<input type="checkbox"/> ECOLI-18QT / TCOLI-18QT	<input type="checkbox"/> ECOLI-18QT / TCOLI-18QT		<input type="checkbox"/> Ice		
Filtered Nutrient (P-125ML)	<input type="checkbox"/> W-PO4-F			<input type="checkbox"/> Field Filtered w/ in-line 0.45 um PES filter <input type="checkbox"/> Ice		



RQ-2020-_____ Collected By (Agency Code): _____

Project Name: _____ Sampler Names: _____

Customer: AMBIENT Lab Project ID: ☐ GW-TREND / ☐ STATUS / ☐ BMAP

Place QA/QC Blank ID Label Here				Comments:		
				Sulfuric Acid Lot #:		
				Nitric Acid Lot #:		
Matrix: <input type="radio"/> W-Field-Blank / <input type="radio"/> W-Equipment-Blank				✓ Grab		
Date Collected		Blank Collection Time				
		<input type="checkbox"/> ETZ <input type="checkbox"/> CTZ				
Check Boxes for Each Container Submitted to Lab				Preservation (Must be completed within 15 min of sample collection)	# Bottles sent to Lab	Bottle Group
Parameter Suite	Lab Test Codes Trend Core	Lab Test Codes Status Core	Lab Test Codes Special Projects			
Tracers (BG-500ML)			<input type="checkbox"/> W-E8321-DI / W-E8321-MS	<input type="checkbox"/> Ice		
Pesticides – Carbamates (BG-500ML)			<input type="checkbox"/> W-CARB-AA	<input type="checkbox"/> 1 vial MCAA Buffer <input type="checkbox"/> Ice MCAA Lot #: _____		
Pesticides - Organochlorine (BG-500ML)			<input type="checkbox"/> W-PCL-TQ-R	<input type="checkbox"/> Ice		
Pesticides – Organo-N/P (BG-500ML)			<input type="checkbox"/> W-PSNP-TQ	<input type="checkbox"/> Ice		
Nutrients (P-500ML)	<input type="checkbox"/> W-NH3 / W-NO2NO3 / W-S-T-P / W-TN / W-TOC	<input type="checkbox"/> W-NH3 / W-NO2NO3 / W-S-T-P / W-TN / W-TOC		<input type="checkbox"/> 2ML H ₂ SO ₄ <input type="checkbox"/> pH < 2 <input type="checkbox"/> Ice		
Metals (P-500ML)	<input type="checkbox"/> W-HARD / W-ICP / W-ICPMS	<input type="checkbox"/> W-HARD / W-ICP / W-ICPMS		<input type="checkbox"/> 2ML HNO ₃ <input type="checkbox"/> pH < 2 <input type="checkbox"/> Ice		
Anion / Phys. Aggregate (P-1L)	<input type="checkbox"/> ALKALINITY / TURBIDITY / W-CL-IC / W-COLOR / W-COND / W-F/ W-SO4-IC / W-TDS	<input type="checkbox"/> ALKALINITY / TURBIDITY / W-CL-IC / W-COLOR / W-COND / W-F/ W-SO4-IC / W-TDS		<input type="checkbox"/> Ice		
Microbiology (P-250ML or P-120ML)	<input type="checkbox"/> ECOLI-18QT / TCOLI-18QT	<input type="checkbox"/> FCOLI-18QT / TCOLI-18QT		<input type="checkbox"/> Ice		
Filtered Nutrient (P-125ML)	<input type="checkbox"/> W-PO4-F			<input type="checkbox"/> Field Filtered w/ in-line 0.45 um PES filter <input type="checkbox"/> Ice		