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February 6, 2012

Mr. John Morris, P.G.
Florida Department of Environmental Protection
Waste Management Section
13051 Telecom Parkway
Temple Terrace, FL 33637

**RE: Southeast County Landfill
Laboratory Analytical Results
Initial Assessment Monitoring Plan
Report No. 17**

Dear Mr. Morris:

The Hillsborough County Public Utilities Department (County) is pleased to provide the analytical results from the monthly sampling event conducted as part of our continuation of the Initial Assessment Monitoring Plan (IAMP). The IAMP was developed to address the potential impacts to groundwater from the sinkhole in Phase VI of the Southeast County Landfill (SCLF), which was discovered on December 14, 2010. The monthly sampling event was conducted on January 5-6, 2012, and the samples collected were analyzed by our contracted laboratory, Test America, Inc.

Representative samples were collected from eleven (11) on-site groundwater monitoring wells and two (2) on-site limited use potable supply wells. Samples for the groundwater monitoring wells and the on-site supply wells were analyzed for total dissolved solids (TDS), chloride, total ammonia, arsenic, iron, sodium, and five (5) field parameters. The following paragraphs summarize the findings from this sampling event, and the parameter specific results pertinent to the evaluation of potential water quality impacts from the sinkhole at the SCLF.

pH

The surficial aquifer monitoring wells continue to exhibit pH values below the Secondary Drinking Water Standard (SDWS) acceptable range of 6.5 to 8.5 pH units. The pH values in the surficial range from 4.59 to 5.90 pH units. The pH values within the surficial aquifer across the SCLF have historically been observed below the acceptable range, and the observed values are consistent with the historical and background water qualities. The pH values observed in the four (4) upper Floridan monitoring wells and the two (2) on-site supply wells were all within the acceptable range, and consistent with historical data for the site.

Turbidity

Turbidity values are generally low in the monitoring wells that have been part of the permit required sampling program at the SCLF. The piezometer/monitoring well P-18S was not pumped to evaluate turbidity during this sampling event. The representative groundwater sample was again collected from TH-30. The Field Sampling Team has been instructed to always pump P-18S in an attempt to reduce the turbidity to below 20 Nephelometric Turbidity Units (NTU), and if so, collect a representative sample. This will be done in all the future IAMP sampling events. The turbidity value recorded in TH-42 was 11.9 NTU, which continues to exhibit a significant reduction over the past year.

Conductivity

The conductivity values in most of the wells sampled are relatively low and have remained consistent with historical values associated with the SCLF. Surficial aquifer monitoring well, TH-58 has exhibited elevated conductivity values that have been trending upward over the past year. The conductivity value in TH-58 during this sampling event was 1032 uhmos/cm. The conductivity value in surficial aquifer monitoring well TH-73 was 1188 uhmos/cm. The observed impacts remain in close proximity to the sinkhole within the surficial aquifer and are not observed within the deeper upper Floridan aquifer monitoring wells. The conductivity value observed in TH-72 at 535 uhmos/cm continues to be slightly elevated when compared to the other Floridan wells. However, it should be noted that conductivity in this well has consistently been around 500 uhmos/cm since the installation in January 2011.

Total Dissolved Solids (TDS)

Surficial aquifer groundwater monitoring wells, TH-58 and TH-73, exhibited TDS concentrations of 610 mg/l and 750 mg/l, respectively, and exceed the SDWS of 500 mg/l. The County will continue to closely observe and evaluate TDS values in the surficial aquifer. The TDS value in the upper Floridan well TH-72 exhibited a concentration of 330 mg/l, which is slightly above the other upper Floridan wells, but still below the SDWS.

Chloride

Surficial aquifer groundwater monitoring wells, TH-58 and TH-73, exhibited chloride concentrations of 260 and 350 mg/l, which exceed the SDWS of 250 mg/l. The chloride concentrations in these wells are likely attributable to the sinkhole and/or the grouting fluids introduced into the subsurface. The County will continue to evaluate this component of water quality in these and all the other wells in the vicinity of the sinkhole.

Arsenic

The arsenic observed in TH-58 is 0.029 mg/l, which is above the Primary Drinking Water Standard (PDWS) of 0.01 mg/l. Arsenic has been present in TH-58 at almost the same concentration for over ten years. Although changes in water quality have recently been observed in TH-58, the arsenic values have remained very stable. This observation supports the position that the arsenic is likely not attributable to the landfill or the sinkhole. The County continues to maintain the position that the arsenic is naturally occurring within the soils surrounding the well and is likely being mobilized in the anaerobic environment below the lined landfill.

Iron

Iron concentrations in six (6) surficial aquifer wells and one (1) upper Floridan well were observed above the SDWS of 0.3 mg/l. The concentrations of iron ranged from below the detectable limits to 30 mg/l. As previously discussed, the elevated iron concentrations observed in the surficial aquifer wells at specific locations across the site are likely naturally occurring and/or the result of past strip mining activities. The iron value observed in TH-42 at 0.4 mg/l may be naturally occurring in the strata within the production zone of this well.

Total Ammonia

Ammonia concentrations were observed in the surficial groundwater monitoring well TH-73 at 3.3 mg/l, exceeding the Groundwater Cleanup Target Level (GCTL) of 2.8 mg/l. These results may be indicative of water quality impacts from the sinkhole and/or the grouting fluids. The concentrations observed in TH-58, TH-74, and TH-75 were below the GCTL. Overall, the remaining concentrations of ammonia within the surficial aquifer appear consistent with the water quality observations to date, and the County will continue to evaluate this component of water quality as we move forward with the IAMP.

Conclusions

The water quality observed in the January 2012 sampling event continue to indicate the wells closest to the sinkhole exhibit changes in conductivity, total dissolved solids, chloride, and

Mr. John Morris, P.G.
February 6, 2012
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total ammonia. These impacts are likely a result of the sinkhole and/or the grouting activities. The observed impacts remain in close proximity to the sinkhole within the surficial aquifer and are not present within the deeper upper Floridan aquifer. The two on-site supply wells continue to exhibit good water quality and no changes have been observed over the period of record. No significant changes in water quality were observed in the data set from this event.

Recommendations

The County recommends continuation of the IAMP sampling program on the approved monthly schedule, and associated evaluation of water quality in the eleven monitoring wells and two on-site supply wells. The monthly sampling schedule is coming up on the one year mark, and based on the consistency of the data set, it appears justified to reduce the sampling frequency to quarterly, in conjunction with the permit required sampling activities. The County will compile the data generated to date, and submit a formal request to the Department for consideration.

Enclosed for your review please find a site location map depicting the on-site wells sampled, the water quality data summary table, a groundwater elevation data table, groundwater contour and flow diagram, and the complete analytical data report from our contracted laboratory, Test America, Inc. Should you have any questions or require any additional information please feel free to call me at (813) 272-5977, ext. 43944.

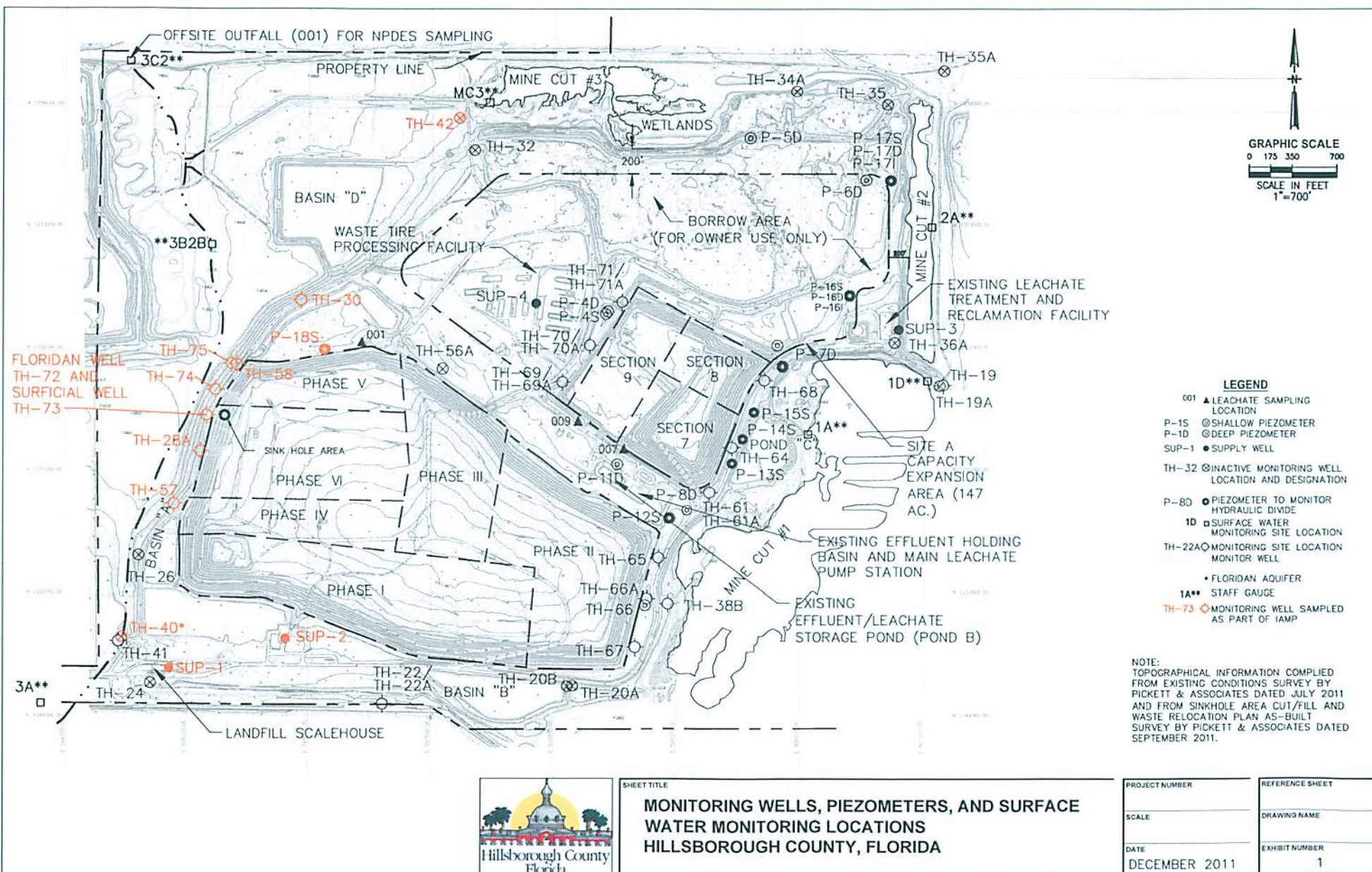
Respectfully submitted,

David S. Adams 2/6/2012

David S. Adams, P.G.
Environmental Manager
Public Utilities Department

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Brian Miller, DOH
Rich Siemering, HDR
Joe O'Neill, Civil Design Services





Hillsborough County Southeast Landfill
Laboratory Analytical Results from Groundwater Monitoring and On-Site Supply Wells
January 5-6, 2012

| GENERAL (mg/l) | TH-19 | TH-28A | TH-30 | TH-40 | TH-42 | TH-57 | TH-58 | TH-72 | TH-73 | TH-74 | TH-75 | SUP-1 | SUP-2 | (MCL) STANDARD |
|--|---|---------|---------|---------|---------|---------|-------|---------|---------|---------|----------|---------|---------|----------------|
| PARAMETERS | TH-19 | TH-28A | TH-30 | TH-40 | TH-42 | TH-57 | TH-58 | TH-72 | TH-73 | TH-74 | TH-75 | SUP-1 | SUP-2 | F.A.C. 62-550 |
| conductivity (umhos/cm) (field) | 369 | 231 | 277 | 354 | 466 | 154 | 1032 | 535 | 1188 | 474 | 300 | 317 | 328 | NS |
| dissolved oxygen (mg/l) (field) | 0.45 | 0.71 | 0.14 | 0.95 | 0.22 | 0.65 | 1.45 | 0.20 | 0.71 | 0.66 | 0.92 | 0.08 | 0.30 | NS |
| pH (field) | 7.29 | 6.27 | 4.59 | 7.48 | 7.12 | 5.24 | 5.90 | 7.23 | 5.16 | 5.66 | 5.58 | 7.50 | 7.57 | (6.5 - 8.5)** |
| temperature (°C) (field) | 23.25 | 25.35 | 23.67 | 23.15 | 23.67 | 26.31 | 24.58 | 22.74 | 25.18 | 21.97 | 21.69 | 24.34 | 24.53 | NS |
| turbidity (NTU) (field) | 0.24 | 7.15 | 1.98 | 0.39 | 12 | 0.7 | 8.8 | 0.44 | 2.05 | 16.8 | 18.9 | 0.06 | 1 | NS |
| total dissolved solids (mg/l) | 200 | 140 | 150 | 200 | 270 | 110 | 610 | 330 | 750 | 240 | 180 | 150 | 180 | 500** |
| chloride (mg/l) | 8.3 | 50 | 83 | 8.3 | 18 | 36 | 230 | 32 | 350 | 59 | 25 | 9.6 | 11 | 250** |
| ammonia nitrogen (mg/l as N) | 0.25 | 1.2 | 1 | 0.3 | 0.21 | 0.85 | 0.57 | 0.29 | 3.3 | 1.8 | 1.1 | 0.16 | 0.15 | 2.8*** |
| | | | | | | | | | | | | | | |
| Metals: (mg/l) | TH-19 | TH-28A | TH-30 | TH-40 | TH-42 | TH-57 | TH-58 | TH-72 | TH-73 | TH-74 | TH-75 | SUP-1 | SUP-2 | (MCL) STANDARD |
| | TH-19 | TH-28A | TH-30 | TH-40 | TH-42 | TH-57 | TH-58 | TH-72 | TH-73 | TH-74 | TH-75 | SUP-1 | SUP-2 | F.A.C. 62-550 |
| arsenic | 0.004 u | 0.004 u | 0.004 u | 0.004 u | 0.004 u | 0.004 u | 0.029 | 0.004 u | 0.004 u | 0.004 u | 0.0071 i | 0.004 u | 0.004 u | 0.01* |
| iron | 0.05 u | 3.4 | 0.27 | 0.05 u | 0.40 | 0.35 | 3.5 | 0.097 i | 19 | 30 | 8.6 | 0.05 u | 0.05 u | 0.3** |
| sodium | 15 | 18 | 25 | 16 | 17 | 13 | 58 | 31 | 80 | 26 | 10 | 9 | 9 | 160* |
| | | | | | | | | | | | | | | |
| Note: Ref. Groundwater Guidance Concentrations, FDEP 2007 | | | | | | | | | | | | | | |
| MCL=MAXIMUM CONTAMINANT LEVEL | | | | | | | | | | | | | | |
| BDL=BELOW DETECTION LIMIT | | | | | | | | | | | | | | |
| NTU=NEPHELOMETRIC TURBIDITY UNITS | | | | | | | | | | | | | | |
| i = reported value between the laboratory method detection limit and the laboratory practical quantitation limit | | | | | | | | | | | | | | |
| u = parameter was analyzed but not detected. | | | | | | | | | | | | | | |
| *=DENOTES PRIMARY DRINKING WATER STANDARD | | | | | | | | | | | | | | |
| **=DENOTES SECONDARY DRINKING WATER STANDARD | | | | | | | | | | | | | | |
| ***=DENOTES FLORIDA GUIDANCE CONCENTRATION | | | | | | | | | | | | | | |
| 5.27 | : EXCEEDS PRIMARY OR SECONDARY DRINKING WATER | | | | | | | | | | | | | |
| ug/l=MICROGRAMS PER LITER | | | | | | | | | | | | | | |
| mg/l=MILLIGRAMS PER LITER | | | | | | | | | | | | | | |
| NS=NO STANDARD | | | | | | | | | | | | | | |

GROUNDWATER AND SURFACE WATER ELEVATIONS FOR

SOUTHEAST LANDFILL

January 4, 2012

| Measuring Point I.D. | T.O.C. Elevations (NGVD) | 01/04/2012 W.L. B.T.O.C. | W.L. (NGVD) | Time |
|---|--------------------------|--------------------------|-------------|----------|
| P-4D | 140.78 | 22.22 | 118.56 | 11:54 AM |
| P-4S | 140.95 | Dry | Dry | 11:53 AM |
| P-5D | 151.94 | Dry | Dry | 10:29 AM |
| P-6D-A | 148.01 | 28.09 | 119.92 | 10:35 AM |
| P-7D | 138.92 | 18.25 | 120.67 | 11:08 AM |
| P-8D | 138.34 | 18.64 | 119.70 | 11:27 AM |
| P-11D | 138.02 | 17.94 | 120.08 | 11:46 AM |
| P-12S | 134.97 | 14.85 | 120.12 | 11:28 AM |
| P-13S | 140.21 | 19.88 | 120.33 | 11:21 AM |
| P-14S | 138.56 | 18.19 | 120.37 | 11:17 AM |
| P-15S | 139.19 | 18.80 | 120.39 | 11:16 AM |
| P-16S | 143.38 | 16.84 | 126.54 | 10:46 AM |
| P-16I | 144.15 | 24.56 | 119.59 | 10:45 AM |
| P-16D | 143.84 | 24.29 | 119.55 | 10:44 AM |
| P-17S | 137.35 | 16.45 | 120.90 | 10:53 AM |
| P-17I | 137.32 | 17.56 | 119.76 | 10:52 AM |
| P-17D | 137.22 | 17.60 | 119.62 | 10:51 AM |
| P-18S | 129.86 | 18.91 | 110.95 | 12:10 PM |
| P-19 | 133.36 | 14.30 | 119.06 | 10:32 AM |
| P-20 | 132.38 | 13.51 | 118.87 | 10:41 AM |
| P-21 | 122.79 | 4.07 | 118.72 | 12:03 PM |
| P-22 | 128.35 | 9.40 | 118.95 | 12:05 PM |
| P-23 | 143.13 | 23.90 | 118.23 | 11:59 AM |
| TH-19* | 130.27 | 107.26 | 23.01 | 11:01 AM |
| TH-20A | 131.86 | 10.46 | 121.40 | 11:42 AM |
| TH-20B | 132.57 | 11.46 | 121.11 | 11:43 AM |
| TH-22 | 128.82 | 6.00 | 122.82 | 9:15 AM |
| TH-22A | 129.27 | 6.61 | 122.66 | 9:14 AM |
| TH-24A | 128.23 | 6.50 | 121.73 | 9:21 AM |
| TH-28A | 131.10 | 28.94 | 102.16 | 9:40 AM |
| TH-30 | 128.88 | 24.10 | 104.78 | 9:51 AM |
| TH-32 | 129.90 | 14.22 | 115.68 | 10:16 AM |
| TH-35 | 145.98 | 28.93 | 117.05 | 10:24 AM |
| TH-36A | 152.70 | 33.39 | 119.31 | 11:05 AM |
| TH-38A | 130.68 | 10.90 | 119.78 | 11:36 AM |
| TH-38B | 131.81 | 11.67 | 120.14 | 11:35 AM |
| TH-40* | 124.99 | 107.41 | 17.58 | 9:30 AM |
| TH-41* | 125.00 | 107.16 | 17.84 | 9:32 AM |
| TH-42* | 116.74 | 83.90 | 32.84 | 10:14 AM |
| TH-57 | 128.36 | 19.85 | 108.51 | 9:37 AM |
| TH-58 | 127.88 | 28.40 | 99.48 | 9:48 AM |
| TH-61 | 138.73 | 18.00 | 120.73 | 11:25 AM |
| TH-61A | 139.45 | 18.68 | 120.79 | 11:24 AM |
| TH-64 | 139.64 | 18.39 | 121.25 | 11:19 AM |
| TH-65 | 135.40 | 15.11 | 120.29 | 11:30 AM |
| TH-66 | 130.58 | 9.90 | 120.68 | 11:33 AM |
| TH-66A | 130.66 | 10.36 | 120.30 | 11:32 AM |
| TH-67 | 129.51 | 7.19 | 122.32 | 11:39 AM |
| TH-68 | 140.01 | 17.55 | 122.46 | 11:10 AM |
| TH-69A | 144.97 | 25.75 | 119.22 | 11:49 AM |
| TH-70A | 146.63 | 27.25 | 119.38 | 11:51 AM |
| TH-71A | 146.95 | 26.98 | 119.97 | 11:56 AM |
| TH-72 | 130.96 | 113.08 | 17.88 | 9:44 AM |
| TH-73 | 131.07 | 32.31 | 98.76 | 9:43 AM |
| TH-74 | 109.08 | 10.30 | 98.78 | 12:18 PM |
| TH-75 | 106.92 | 8.01 | 98.91 | 12:20 PM |
| SW-3A | 3.0'=125.53' | 0.18 | 122.71 | 9:09 AM |
| SW-3B2B | 3.0'=97.97' | Dry | Dry | 9:57 AM |
| SW-3C2 | 6.0'=92.33' | 1.10 | 87.43 | 10:02 AM |
| Mine Cut #1 | 4.0'=122.14' | 1.14 | 119.28 | 10:57 AM |
| Mine Cut #2 | 6.0'=123.47' | 1.70 | 119.17 | 11:13 AM |
| Mine Cut #3 | 4.0'=112.27' | 2.00 | 110.27 | 10:11 AM |
| Mine Cut #4 | 5.0'=97.54' | 1.46 | 94.00 | 10:08 AM |
| NGVD = National Geodetic Vertical Datum | | | | |
| T.O.C. = Top of Casing | | | | |
| B.T.O.C. = Below Top of Casing | | | | |
| * = Floridan Well | | | | |
| ND = No Data | | | | |
| W.L. = Water Level | | | | |

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Tampa

6712 Benjamin Road

Suite 100

Tampa, FL 33634

Tel: (813)885-7427

TestAmerica Job ID: 660-45526-1

Client Project/Site: SELF MWs,SS,Private Wells,NPDES

For:

Hillsborough County Public Utilities Dep

Solid Waste Management Group

Brandon Support Operations Complex

332 North Falkenburg Rd, 2nd Floor

Tampa, Florida 33619

Attn: David Adams



Authorized for release by:

1/19/2012 3:32:28 PM

Nancy Robertson

Project Manager II

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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

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Qualifiers

Metals

| Qualifier | Qualifier Description |
|-----------|--|
| U | Indicates that the compound was analyzed for but not detected. |
| I | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| J3 | Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria. |

General Chemistry

| Qualifier | Qualifier Description |
|-----------|--|
| J3 | Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria. |
| U | Indicates that the compound was analyzed for but not detected. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|--|
| ☆ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CNF | Contains no Free Liquid |
| DL, RA, RE, IN | Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| EDL | Estimated Detection Limit |
| EPA | United States Environmental Protection Agency |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| ND | Not detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RL | Reporting Limit |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

Case Narrative

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Job ID: 660-45526-1

Laboratory: TestAmerica Tampa

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Narrative

Job Narrative
660-45526-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

Metals

Method 6010B: The matrix spike and/or matrix spike duplicate (MS/MSD) recoveries for Iron in batch 119640 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. No other analytical or quality issues were noted.

General Chemistry

Method 300.0: The matrix spike (MS) recovery for batch 119752 was outside control limits for chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 350.1: The matrix spike (MS) recovery for batch 119635 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

Detection Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-58 WACS#1571

Lab Sample ID: 660-45526-1

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Arsenic | 29 | | 10 | 4.0 | ug/L | 1 | | 6010B | Total Recovera |
| Iron | 3500 | | 200 | 50 | ug/L | 1 | | 6010B | Total Recovera |
| Sodium | 58 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 230 | | 5.0 | 2.0 | mg/L | 10 | | 300.0 | Total/NA |
| Ammonia as N | 0.57 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 610 | | 17 | 17 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 5.90 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 24.58 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 1.45 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 1032 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 8.80 | | | | NTU | 1 | | Field Sampling | Total/NA |

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Client Sample ID: TH-28A WACS#19862

Lab Sample ID: 660-45526-2

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Iron | 3400 | | 200 | 50 | ug/L | 1 | | 6010B | Total Recovera |
| Sodium | 18 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 50 | | 0.50 | 0.20 | mg/L | 1 | | 300.0 | Total/NA |
| Ammonia as N | 1.2 | J3 | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 140 | | 5.0 | 5.0 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 5.27 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 25.35 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.71 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 231 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 7.15 | | | | NTU | 1 | | Field Sampling | Total/NA |

Client Sample ID: TH-57 WACS#1570

Lab Sample ID: 660-45526-3

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Iron | 350 | | 200 | 50 | ug/L | 1 | | 6010B | Total Recovera |
| Sodium | 13 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 36 | | 0.50 | 0.20 | mg/L | 1 | | 300.0 | Total/NA |
| Ammonia as N | 0.85 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 110 | | 5.0 | 5.0 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 5.24 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 26.31 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.65 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 154 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 0.70 | | | | NTU | 1 | | Field Sampling | Total/NA |

Client Sample ID: TH-73 WACS#27754

Lab Sample ID: 660-45526-4

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Iron | 19000 | | 200 | 50 | ug/L | 1 | | 6010B | Total Recovera |
| Sodium | 80 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 350 | | 5.0 | 2.0 | mg/L | 10 | | 300.0 | Total/NA |
| Ammonia as N | 3.3 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 750 | | 25 | 25 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 5.16 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 25.18 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.71 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 1188 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 2.05 | | | | NTU | 1 | | Field Sampling | Total/NA |

Detection Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-72 WACS#27753

Lab Sample ID: 660-45526-5

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Iron | 97 | I | 200 | 50 | ug/L | 1 | | 6010B | Total Recovera |
| Sodium | 31 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 32 | | 0.50 | 0.20 | mg/L | 1 | | 300.0 | Total/NA |
| Ammonia as N | 0.29 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 330 | | 10 | 10 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 7.23 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 22.74 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.20 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 535 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 0.44 | | | | NTU | 1 | | Field Sampling | Total/NA |

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Client Sample ID: TH-40 WACS#822

Lab Sample ID: 660-45526-7

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Sodium | 16 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 8.3 | | 0.50 | 0.20 | mg/L | 1 | | 300.0 | Total/NA |
| Ammonia as N | 0.30 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 200 | | 10 | 10 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 7.48 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 23.15 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.95 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 354 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 0.39 | | | | NTU | 1 | | Field Sampling | Total/NA |

Client Sample ID: Blank, Equipment 45526

Lab Sample ID: 660-45526-8

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Ammonia as N | 0.036 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |

Client Sample ID: SUP 2 WACS# 27756

Lab Sample ID: 660-45579-1

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Sodium | 9.0 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 11 | | 0.50 | 0.20 | mg/L | 1 | | 300.0 | Total/NA |
| Ammonia as N | 0.15 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 180 | | 10 | 10 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 7.57 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 24.53 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.30 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 328 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 1.00 | | | | NTU | 1 | | Field Sampling | Total/NA |

Client Sample ID: TH-42 WACS# 823

Lab Sample ID: 660-45579-2

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Iron | 400 | | 200 | 50 | ug/L | 1 | | 6010B | Total Recovera |
| Sodium | 17 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 18 | | 0.50 | 0.20 | mg/L | 1 | | 300.0 | Total/NA |
| Ammonia as N | 0.21 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 270 | | 10 | 10 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 7.12 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 23.67 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.22 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 466 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |

Detection Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-42 WACS# 823 (Continued)

Lab Sample ID: 660-45579-2

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-----|-----|------|---------|---|----------------|-----------|
| Turbidity | 12.0 | | | | NTU | 1 | | Field Sampling | Total/NA |

Client Sample ID: SUP 1 WACS# 27755

Lab Sample ID: 660-45579-3

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Sodium | 9.0 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 9.6 | | 0.50 | 0.20 | mg/L | 1 | | 300.0 | Total/NA |
| Ammonia as N | 0.16 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 150 | | 10 | 10 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 7.5 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 24.34 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.08 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 317 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 0.06 | | | | NTU | 1 | | Field Sampling | Total/NA |

Client Sample ID: TH-30 WACS# 1065

Lab Sample ID: 660-45579-4

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Iron | 270 | | 200 | 50 | ug/L | 1 | | 6010B | Total Recovera |
| Sodium | 25 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 83 | | 2.5 | 1.0 | mg/L | 5 | | 300.0 | Total/NA |
| Ammonia as N | 1.0 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 150 | | 5.0 | 5.0 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 4.59 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 23.67 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.14 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 277 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 1.98 | | | | NTU | 1 | | Field Sampling | Total/NA |

Client Sample ID: Duplicate 45579

Lab Sample ID: 660-45579-5

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|------|---------|---|----------|----------------|
| Iron | 30000 | | 200 | 50 | ug/L | 1 | | 6010B | Total Recovera |
| Sodium | 27 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 66 | | 1.0 | 0.40 | mg/L | 2 | | 300.0 | Total/NA |
| Ammonia as N | 1.8 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 250 | | 10 | 10 | mg/L | 1 | | SM 2540C | Total/NA |

Client Sample ID: TH-19 WACS# 821

Lab Sample ID: 660-45579-6

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Sodium | 15 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 8.3 | | 0.50 | 0.20 | mg/L | 1 | | 300.0 | Total/NA |
| Ammonia as N | 0.25 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 200 | | 10 | 10 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 7.29 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 23.25 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.45 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 369 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 0.24 | | | | NTU | 1 | | Field Sampling | Total/NA |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-58 WACS#1571

Lab Sample ID: 660-45526-1

Date Collected: 01/05/12 11:03

Matrix: Water

Date Received: 01/05/12 14:10

| Method: 6010B - Metals (ICP) - Total Recoverable | | | | | | | | | |
|--|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Arsenic | 29 | | 10 | 4.0 | ug/L | | 01/06/12 08:42 | 01/06/12 14:39 | 1 |
| Iron | 3500 | | 200 | 50 | ug/L | | 01/06/12 08:42 | 01/06/12 14:39 | 1 |
| Sodium | 58 | | 0.50 | 0.31 | mg/L | | 01/06/12 08:42 | 01/06/12 14:39 | 1 |

| General Chemistry | | | | | | | | | |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 230 | | 5.0 | 2.0 | mg/L | | | 01/12/12 11:38 | 10 |
| Ammonia as N | 0.57 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:34 | 1 |
| Total Dissolved Solids | 610 | | 17 | 17 | mg/L | | | 01/06/12 14:01 | 1 |

| Method: Field Sampling - Field Sampling | | | | | | | | | |
|---|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Field pH | 5.90 | | | | SU | | | 01/05/12 11:03 | 1 |
| Field Temperature | 24.58 | | | | Degrees C | | | 01/05/12 11:03 | 1 |
| Oxygen, Dissolved | 1.45 | | | | mg/L | | | 01/05/12 11:03 | 1 |
| Specific Conductance | 1032 | | | | umhos/cm | | | 01/05/12 11:03 | 1 |
| Turbidity | 8.80 | | | | NTU | | | 01/05/12 11:03 | 1 |

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Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-28A WACS#19862

Lab Sample ID: 660-45526-2

Date Collected: 01/05/12 12:15

Matrix: Water

Date Received: 01/05/12 14:10

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/06/12 08:42 | 01/06/12 14:42 | 1 |
| Iron | 3400 | | 200 | 50 | ug/L | | 01/06/12 08:42 | 01/06/12 14:42 | 1 |
| Sodium | 18 | | 0.50 | 0.31 | mg/L | | 01/06/12 08:42 | 01/06/12 14:42 | 1 |

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General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 50 | | 0.50 | 0.20 | mg/L | | | 01/11/12 21:20 | 1 |
| Ammonia as N | 1.2 | J3 | 0.020 | 0.010 | mg/L | | | 01/09/12 19:47 | 1 |
| Total Dissolved Solids | 140 | | 5.0 | 5.0 | mg/L | | | 01/06/12 14:02 | 1 |

Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Field pH | 6.27 | | | | SU | | | 01/05/12 12:15 | 1 |
| Field Temperature | 25.35 | | | | Degrees C | | | 01/05/12 12:15 | 1 |
| Oxygen, Dissolved | 0.71 | | | | mg/L | | | 01/05/12 12:15 | 1 |
| Specific Conductance | 231 | | | | umhos/cm | | | 01/05/12 12:15 | 1 |
| Turbidity | 7.15 | | | | NTU | | | 01/05/12 12:15 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-57 WACS#1570

Lab Sample ID: 660-45526-3

Date Collected: 01/05/12 10:09

Matrix: Water

Date Received: 01/05/12 14:10

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/06/12 08:42 | 01/06/12 14:45 | 1 |
| Iron | 350 | | 200 | 50 | ug/L | | 01/06/12 08:42 | 01/06/12 14:45 | 1 |
| Sodium | 13 | | 0.50 | 0.31 | mg/L | | 01/06/12 08:42 | 01/06/12 14:45 | 1 |



General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 36 | | 0.50 | 0.20 | mg/L | | | 01/11/12 21:37 | 1 |
| Ammonia as N | 0.85 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:51 | 1 |
| Total Dissolved Solids | 110 | | 5.0 | 5.0 | mg/L | | | 01/06/12 14:02 | 1 |

Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Field pH | 5.24 | | | | SU | | | 01/05/12 10:09 | 1 |
| Field Temperature | 26.31 | | | | Degrees C | | | 01/05/12 10:09 | 1 |
| Oxygen, Dissolved | 0.65 | | | | mg/L | | | 01/05/12 10:09 | 1 |
| Specific Conductance | 164 | | | | umhos/cm | | | 01/05/12 10:09 | 1 |
| Turbidity | 0.70 | | | | NTU | | | 01/05/12 10:09 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-73 WACS#27754

Lab Sample ID: 660-45526-4

Date Collected: 01/05/12 11:31

Matrix: Water

Date Received: 01/05/12 14:10

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | DII Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/06/12 08:42 | 01/06/12 14:49 | 1 |
| Iron | 19000 | | 200 | 50 | ug/L | | 01/06/12 08:42 | 01/06/12 14:49 | 1 |
| Sodium | 80 | | 0.50 | 0.31 | mg/L | | 01/06/12 08:42 | 01/06/12 14:49 | 1 |



General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | DII Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 360 | | 5.0 | 2.0 | mg/L | | | 01/13/12 11:23 | 10 |
| Ammonia as N | 3.3 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:52 | 1 |
| Total Dissolved Solids | 750 | | 25 | 25 | mg/L | | | 01/06/12 14:03 | 1 |

Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | DII Fac |
|----------------------|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Field pH | 5.16 | | | | SU | | | 01/05/12 11:31 | 1 |
| Field Temperature | 25.18 | | | | Degrees C | | | 01/05/12 11:31 | 1 |
| Oxygen, Dissolved | 0.71 | | | | mg/L | | | 01/05/12 11:31 | 1 |
| Specific Conductance | 1188 | | | | umhos/cm | | | 01/05/12 11:31 | 1 |
| Turbidity | 2.05 | | | | NTU | | | 01/05/12 11:31 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-72 WACS#27753

Lab Sample ID: 660-45526-5

Date Collected: 01/05/12 11:49

Matrix: Water

Date Received: 01/05/12 14:10

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/06/12 08:42 | 01/06/12 14:52 | 1 |
| Iron | 97 | I | 200 | 50 | ug/L | | 01/06/12 08:42 | 01/06/12 14:52 | 1 |
| Sodium | 31 | | 0.50 | 0.31 | mg/L | | 01/06/12 08:42 | 01/06/12 14:52 | 1 |

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General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 32 | | 0.50 | 0.20 | mg/L | | | 01/11/12 23:16 | 1 |
| Ammonia as N | 0.29 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:53 | 1 |
| Total Dissolved Solids | 330 | | 10 | 10 | mg/L | | | 01/06/12 14:03 | 1 |

Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Field pH | 7.23 | | | | SU | | | 01/05/12 11:49 | 1 |
| Field Temperature | 22.74 | | | | Degrees C | | | 01/05/12 11:49 | 1 |
| Oxygen, Dissolved | 0.20 | | | | mg/L | | | 01/05/12 11:49 | 1 |
| Specific Conductance | 535 | | | | umhos/cm | | | 01/05/12 11:49 | 1 |
| Turbidity | 0.44 | | | | NTU | | | 01/05/12 11:49 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-40 WACS#822

Lab Sample ID: 660-45526-7

Date Collected: 01/05/12 09:39

Matrix: Water

Date Received: 01/05/12 14:10

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/06/12 08:42 | 01/06/12 15:06 | 1 |
| Iron | 50 | U | 200 | 50 | ug/L | | 01/06/12 08:42 | 01/06/12 15:06 | 1 |
| Sodium | 16 | | 0.50 | 0.31 | mg/L | | 01/06/12 08:42 | 01/06/12 15:06 | 1 |

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General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 8.3 | | 0.50 | 0.20 | mg/L | | | 01/11/12 23:49 | 1 |
| Ammonia as N | 0.30 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:55 | 1 |
| Total Dissolved Solids | 200 | | 10 | 10 | mg/L | | | 01/06/12 14:04 | 1 |

Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Field pH | 7.48 | | | | SU | | | 01/05/12 09:39 | 1 |
| Field Temperature | 23.15 | | | | Degrees C | | | 01/05/12 09:39 | 1 |
| Oxygen, Dissolved | 0.95 | | | | mg/L | | | 01/05/12 09:39 | 1 |
| Specific Conductance | 354 | | | | umhos/cm | | | 01/05/12 09:39 | 1 |
| Turbidity | 0.39 | | | | NTU | | | 01/05/12 09:39 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: Blank, Equipment 45526

Lab Sample ID: 660-45526-8

Date Collected: 01/05/12 09:16

Matrix: Water

Date Received: 01/05/12 14:10

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/06/12 08:42 | 01/06/12 15:09 | 1 |
| Iron | 50 | U | 200 | 50 | ug/L | | 01/06/12 08:42 | 01/06/12 15:09 | 1 |
| Sodium | 0.31 | U | 0.50 | 0.31 | mg/L | | 01/06/12 08:42 | 01/06/12 15:09 | 1 |

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General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 0.20 | U | 0.50 | 0.20 | mg/L | | | 01/12/12 00:05 | 1 |
| Ammonia as N | 0.036 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:57 | 1 |
| Total Dissolved Solids | 5.0 | U | 5.0 | 5.0 | mg/L | | | 01/06/12 14:05 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: SUP 2 WACS# 27756

Lab Sample ID: 660-45579-1

Date Collected: 01/06/12 09:26

Matrix: Water

Date Received: 01/06/12 14:25

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/10/12 07:33 | 01/13/12 08:51 | 1 |
| Iron | 50 | U | 200 | 50 | ug/L | | 01/10/12 07:33 | 01/13/12 08:51 | 1 |
| Sodium | 9.0 | | 0.50 | 0.31 | mg/L | | 01/10/12 07:33 | 01/13/12 08:51 | 1 |

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General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 11 | | 0.50 | 0.20 | mg/L | | | 01/12/12 09:59 | 1 |
| Ammonia as N | 0.15 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:26 | 1 |
| Total Dissolved Solids | 180 | | 10 | 10 | mg/L | | | 01/12/12 12:03 | 1 |

Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Field pH | 7.57 | | | | SU | | | 01/06/12 09:26 | 1 |
| Field Temperature | 24.53 | | | | Degrees C | | | 01/06/12 09:26 | 1 |
| Oxygen, Dissolved | 0.30 | | | | mg/L | | | 01/06/12 09:26 | 1 |
| Specific Conductance | 328 | | | | umhos/cm | | | 01/06/12 09:26 | 1 |
| Turbidity | 1.00 | | | | NTU | | | 01/06/12 09:26 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-42 WACS# 823

Lab Sample ID: 660-45579-2

Date Collected: 01/06/12 11:38

Matrix: Water

Date Received: 01/06/12 14:25

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/10/12 07:33 | 01/13/12 08:54 | 1 |
| Iron | 400 | | 200 | 50 | ug/L | | 01/10/12 07:33 | 01/13/12 08:54 | 1 |
| Sodium | 17 | | 0.50 | 0.31 | mg/L | | 01/10/12 07:33 | 01/13/12 08:54 | 1 |



General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 18 | | 0.50 | 0.20 | mg/L | | | 01/12/12 10:15 | 1 |
| Ammonia as N | 0.21 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:27 | 1 |
| Total Dissolved Solids | 270 | | 10 | 10 | mg/L | | | 01/12/12 12:03 | 1 |

Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Field pH | 7.12 | | | | SU | | | 01/06/12 11:38 | 1 |
| Field Temperature | 23.67 | | | | Degrees C | | | 01/06/12 11:38 | 1 |
| Oxygen, Dissolved | 0.22 | | | | mg/L | | | 01/06/12 11:38 | 1 |
| Specific Conductance | 466 | | | | umhos/cm | | | 01/06/12 11:38 | 1 |
| Turbidity | 12.0 | | | | NTU | | | 01/06/12 11:38 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: SUP 1 WACS# 27755

Lab Sample ID: 660-45579-3

Date Collected: 01/06/12 09:53

Matrix: Water

Date Received: 01/06/12 14:25

| Method: 6010B - Metals (ICP) - Total Recoverable | | | | | | | | | |
|--|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/10/12 07:33 | 01/13/12 08:58 | 1 |
| Iron | 50 | U | 200 | 50 | ug/L | | 01/10/12 07:33 | 01/13/12 08:58 | 1 |
| Sodium | 9.0 | | 0.50 | 0.31 | mg/L | | 01/10/12 07:33 | 01/13/12 08:58 | 1 |

6

| General Chemistry | | | | | | | | | |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 9.6 | | 0.50 | 0.20 | mg/L | | | 01/12/12 10:32 | 1 |
| Ammonia as N | 0.16 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:28 | 1 |
| Total Dissolved Solids | 150 | | 10 | 10 | mg/L | | | 01/12/12 12:03 | 1 |

| Method: Field Sampling - Field Sampling | | | | | | | | | |
|---|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Field pH | 7.5 | | | | SU | | | 01/06/12 09:53 | 1 |
| Field Temperature | 24.34 | | | | Degrees C | | | 01/06/12 09:53 | 1 |
| Oxygen, Dissolved | 0.08 | | | | mg/L | | | 01/06/12 09:53 | 1 |
| Specific Conductance | 317 | | | | umhos/cm | | | 01/06/12 09:53 | 1 |
| Turbidity | 0.06 | | | | NTU | | | 01/06/12 09:53 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-30 WACS# 1065

Lab Sample ID: 660-45579-4

Date Collected: 01/06/12 10:59

Matrix: Water

Date Received: 01/06/12 14:25

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/10/12 07:33 | 01/13/12 09:08 | 1 |
| Iron | 270 | | 200 | 50 | ug/L | | 01/10/12 07:33 | 01/13/12 09:08 | 1 |
| Sodium | 25 | | 0.50 | 0.31 | mg/L | | 01/10/12 07:33 | 01/13/12 09:08 | 1 |



General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 83 | | 2.5 | 1.0 | mg/L | | | 01/12/12 10:48 | 5 |
| Ammonia as N | 1.0 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:29 | 1 |
| Total Dissolved Solids | 150 | | 5.0 | 5.0 | mg/L | | | 01/12/12 12:03 | 1 |

Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Field pH | 4.59 | | | | SU | | | 01/06/12 10:59 | 1 |
| Field Temperature | 23.67 | | | | Degrees C | | | 01/06/12 10:59 | 1 |
| Oxygen, Dissolved | 0.14 | | | | mg/L | | | 01/06/12 10:59 | 1 |
| Specific Conductance | 277 | | | | umhos/cm | | | 01/06/12 10:59 | 1 |
| Turbidity | 1.98 | | | | NTU | | | 01/06/12 10:59 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: Duplicate 45579

Lab Sample ID: 660-45579-5

Date Collected: 01/06/12 00:00

Matrix: Water

Date Received: 01/06/12 14:25

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/10/12 07:33 | 01/13/12 09:11 | 1 |
| Iron | 30000 | | 200 | 50 | ug/L | | 01/10/12 07:33 | 01/13/12 09:11 | 1 |
| Sodium | 27 | | 0.50 | 0.31 | mg/L | | 01/10/12 07:33 | 01/13/12 09:11 | 1 |



General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 66 | | 1.0 | 0.40 | mg/L | | | 01/12/12 11:05 | 2 |
| Ammonia as N | 1.8 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:31 | 1 |
| Total Dissolved Solids | 250 | | 10 | 10 | mg/L | | | 01/12/12 12:03 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-19 WACS# 821

Lab Sample ID: 660-45579-6

Date Collected: 01/06/12 12:08

Matrix: Water

Date Received: 01/06/12 14:25

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/10/12 07:33 | 01/13/12 09:14 | 1 |
| Iron | 50 | U | 200 | 50 | ug/L | | 01/10/12 07:33 | 01/13/12 09:14 | 1 |
| Sodium | 15 | | 0.50 | 0.31 | mg/L | | 01/10/12 07:33 | 01/13/12 09:14 | 1 |



General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 8.3 | | 0.50 | 0.20 | mg/L | | | 01/12/12 11:21 | 1 |
| Ammonia as N | 0.25 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:32 | 1 |
| Total Dissolved Solids | 200 | | 10 | 10 | mg/L | | | 01/12/12 12:03 | 1 |

Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Field pH | 7.29 | | | | SU | | | 01/06/12 12:08 | 1 |
| Field Temperature | 23.25 | | | | Degrees C | | | 01/06/12 12:08 | 1 |
| Oxygen, Dissolved | 0.45 | | | | mg/L | | | 01/06/12 12:08 | 1 |
| Specific Conductance | 369 | | | | umhos/cm | | | 01/06/12 12:08 | 1 |
| Turbidity | 0.24 | | | | NTU | | | 01/06/12 12:08 | 1 |

QC Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-119537/1-A
Matrix: Water
Analysis Batch: 119543

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 119537

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/06/12 08:42 | 01/06/12 13:45 | 1 |
| Iron | 50 | U | 200 | 50 | ug/L | | 01/06/12 08:42 | 01/06/12 13:45 | 1 |
| Sodium | 0.31 | U | 0.50 | 0.31 | mg/L | | 01/06/12 08:42 | 01/06/12 13:45 | 1 |

7

Lab Sample ID: LCS 660-119537/2-A
Matrix: Water
Analysis Batch: 119543

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 119537

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------|-------------|------------|---------------|------|---|------|--------------|
| Arsenic | 1000 | 1040 | | ug/L | | 104 | 75 - 125 |
| Iron | 1000 | 1020 | | ug/L | | 102 | 75 - 125 |
| Sodium | 10.0 | 9.65 | | mg/L | | 96 | 75 - 125 |

Lab Sample ID: 660-45511-A-1-B MS
Matrix: Water
Analysis Batch: 119543

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 119537

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| Arsenic | 12 | | 1000 | 1040 | | ug/L | | 103 | 75 - 125 |
| Iron | 1300 | | 1000 | 2320 | | ug/L | | 101 | 75 - 125 |
| Sodium | 5.6 | | 10.0 | 15.2 | | mg/L | | 96 | 75 - 125 |

Lab Sample ID: 660-45511-A-1-C MSD
Matrix: Water
Analysis Batch: 119543

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 119537

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| Arsenic | 12 | | 1000 | 1050 | | ug/L | | 104 | 75 - 125 | 1 | 20 |
| Iron | 1300 | | 1000 | 2330 | | ug/L | | 102 | 75 - 125 | 0 | 20 |
| Sodium | 5.6 | | 10.0 | 15.4 | | mg/L | | 97 | 75 - 125 | 1 | 20 |

Lab Sample ID: MB 660-119640/1-A
Matrix: Water
Analysis Batch: 119823

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 119640

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/10/12 07:33 | 01/13/12 08:28 | 1 |
| Iron | 50 | U | 200 | 50 | ug/L | | 01/10/12 07:33 | 01/13/12 08:28 | 1 |
| Sodium | 0.31 | U | 0.50 | 0.31 | mg/L | | 01/10/12 07:33 | 01/13/12 08:28 | 1 |

Lab Sample ID: LCS 660-119640/2-A
Matrix: Water
Analysis Batch: 119823

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 119640

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------|-------------|------------|---------------|------|---|------|--------------|
| Arsenic | 1000 | 1060 | | ug/L | | 106 | 75 - 125 |
| Iron | 1000 | 1050 | | ug/L | | 105 | 75 - 125 |
| Sodium | 10.0 | 10.2 | | mg/L | | 102 | 75 - 125 |

QC Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 660-45578-C-1-B MS

Matrix: Water

Analysis Batch: 119823

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 119640

| Analyte | Sample | | Spike Added | MS | | Unit | D | %Rec | %Rec. | |
|---------|--------|-----------|----------------|--------|-----------|------|---|------|----------|--|
| | Result | Qualifier | | Result | Qualifier | | | | Limits | |
| Arsenic | 4.0 | U | 1000 | 1090 | | ug/L | | 109 | 75 - 125 | |
| Iron | 30000 | J3 | 1000 | 30900 | | ug/L | | 76 | 75 - 125 | |
| Sodium | 26 | | 10.0 | 36.4 | | mg/L | | 101 | 75 - 125 | |

7

Lab Sample ID: 660-45578-C-1-C MSD

Matrix: Water

Analysis Batch: 119823

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 119640

| Analyte | Sample | | Spike Added | MSD | | Unit | D | %Rec | %Rec. | | RPD | |
|---------|--------|-----------|----------------|--------|-----------|------|---|------|----------|--|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | Limits | | RPD | Limit |
| Arsenic | 4.0 | U | 1000 | 1080 | | ug/L | | 108 | 75 - 125 | | 1 | 20 |
| Iron | 30000 | J3 | 1000 | 30400 | J3 | ug/L | | 21 | 75 - 125 | | 2 | 20 |
| Sodium | 26 | | 10.0 | 35.7 | | mg/L | | 94 | 75 - 125 | | 2 | 20 |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 660-119752/3

Matrix: Water

Analysis Batch: 119752

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB | | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Chloride | 0.20 | U | 0.50 | 0.20 | mg/L | | | 01/11/12 18:51 | 1 |

Lab Sample ID: LCS 660-119752/4

Matrix: Water

Analysis Batch: 119752

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS | | Unit | D | %Rec | %Rec. | |
|----------|----------------|--------|-----------|------|---|------|----------|--|
| | | Result | Qualifier | | | | Limits | |
| Chloride | 10.0 | 10.5 | | mg/L | | 105 | 90 - 110 | |

Lab Sample ID: 660-45627-B-1 MS ^10

Matrix: Water

Analysis Batch: 119752

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte | Sample | | Spike Added | MS | | Unit | D | %Rec | %Rec. | |
|----------|--------|-----------|----------------|--------|-----------|------|---|------|----------|--|
| | Result | Qualifier | | Result | Qualifier | | | | Limits | |
| Chloride | 150 | J3 | 100 | 265 | J3 | mg/L | | 111 | 90 - 110 | |

Lab Sample ID: 660-45627-B-1 MSD ^10

Matrix: Water

Analysis Batch: 119752

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte | Sample | | Spike Added | MSD | | Unit | D | %Rec | %Rec. | | RPD | |
|----------|--------|-----------|----------------|--------|-----------|------|---|------|----------|--|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | Limits | | RPD | Limit |
| Chloride | 150 | J3 | 100 | 257 | | mg/L | | 103 | 90 - 110 | | 3 | 30 |

Lab Sample ID: MB 660-119814/3

Matrix: Water

Analysis Batch: 119814

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB | | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Chloride | 0.20 | U | 0.50 | 0.20 | mg/L | | | 01/12/12 09:26 | 1 |

QC Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 660-119814/4

Matrix: Water

Analysis Batch: 119814

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|-------------|------------|---------------|------|---|------|--------------|
| Chloride | 10.0 | 10.1 | | mg/L | | 101 | 90 - 110 |

Lab Sample ID: 660-45593-A-1 MS

Matrix: Water

Analysis Batch: 119814

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| Chloride | 26 | | 10.0 | 35.5 | | mg/L | | 98 | 90 - 110 |

Lab Sample ID: 660-45593-A-1 MSD

Matrix: Water

Analysis Batch: 119814

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| Chloride | 26 | | 10.0 | 35.7 | | mg/L | | 101 | 90 - 110 | 1 | 30 |

Lab Sample ID: MB 660-119941/3

Matrix: Water

Analysis Batch: 119941

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|------|------|---|----------|----------------|---------|
| Chloride | 0.20 | U | 0.50 | 0.20 | mg/L | | | 01/13/12 09:44 | 1 |

Lab Sample ID: LCS 660-119941/4

Matrix: Water

Analysis Batch: 119941

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|-------------|------------|---------------|------|---|------|--------------|
| Chloride | 10.0 | 9.69 | | mg/L | | 97 | 90 - 110 |

Lab Sample ID: 660-45634-C-2 MS

Matrix: Water

Analysis Batch: 119941

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| Chloride | 4.1 | | 10.0 | 14.4 | | mg/L | | 103 | 90 - 110 |

Lab Sample ID: 660-45634-C-2 MSD

Matrix: Water

Analysis Batch: 119941

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| Chloride | 4.1 | | 10.0 | 14.5 | | mg/L | | 104 | 90 - 110 | 0 | 30 |

QC Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 660-119631/3
Matrix: Water
Analysis Batch: 119631

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------|-----------|--------------|-------|-------|------|---|----------|----------------|---------|
| Ammonia as N | 0.010 | U | 0.020 | 0.010 | mg/L | | | 01/09/12 19:01 | 1 |

Lab Sample ID: LCS 660-119631/4
Matrix: Water
Analysis Batch: 119631

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------|-------------|------------|---------------|------|---|------|--------------|
| Ammonia as N | 0.500 | 0.536 | | mg/L | | 107 | 90 - 110 |

Lab Sample ID: 660-45483-A-13 MS
Matrix: Water
Analysis Batch: 119631

Client Sample ID: Matrix Spike
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| Ammonia as N | 0.048 | | 1.00 | 1.03 | | mg/L | | 98 | 90 - 110 |

Lab Sample ID: 660-45483-A-13 MSD
Matrix: Water
Analysis Batch: 119631

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| Ammonia as N | 0.048 | | 1.00 | 1.04 | | mg/L | | 99 | 90 - 110 | 1 | 30 |

Lab Sample ID: MB 660-119635/3
Matrix: Water
Analysis Batch: 119635

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------|-----------|--------------|-------|-------|------|---|----------|----------------|---------|
| Ammonia as N | 0.010 | U | 0.020 | 0.010 | mg/L | | | 01/09/12 19:44 | 1 |

Lab Sample ID: LCS 660-119635/4
Matrix: Water
Analysis Batch: 119635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------|-------------|------------|---------------|------|---|------|--------------|
| Ammonia as N | 0.500 | 0.540 | | mg/L | | 108 | 90 - 110 |

Lab Sample ID: 660-45526-2 MS
Matrix: Water
Analysis Batch: 119635

Client Sample ID: TH-28A WACS#19862
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| Ammonia as N | 1.2 | J3 | 1.00 | 2.05 | J3 | mg/L | | 89 | 90 - 110 |

Lab Sample ID: 660-45526-2 MSD
Matrix: Water
Analysis Batch: 119635

Client Sample ID: TH-28A WACS#19862
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| Ammonia as N | 1.2 | J3 | 1.00 | 2.06 | | mg/L | | 90 | 90 - 110 | 0 | 30 |

QC Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 660-119559/1
Matrix: Water
Analysis Batch: 119559

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------------|-----------------|-----|-----|------|---|----------|----------------|---------|
| Total Dissolved Solids | 5.0 | U | 5.0 | 5.0 | mg/L | | | 01/06/12 14:00 | 1 |

Lab Sample ID: LCS 660-119559/2
Matrix: Water
Analysis Batch: 119559

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|------------------------|----------------|---------------|------------------|------|---|------|-----------------|
| Total Dissolved Solids | 10000 | 9980 | | mg/L | | 100 | 80 - 120 |

Lab Sample ID: 660-45526-1 DU
Matrix: Water
Analysis Batch: 119559

Client Sample ID: TH-58 WACS#1571
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|------------------------|------------------|---------------------|--------------|-----------------|------|---|-----|--------------|
| Total Dissolved Solids | 610 | | 660 | | mg/L | | 8 | 20 |

Lab Sample ID: MB 660-119773/1
Matrix: Water
Analysis Batch: 119773

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------------|-----------------|-----|-----|------|---|----------|----------------|---------|
| Total Dissolved Solids | 5.0 | U | 5.0 | 5.0 | mg/L | | | 01/12/12 12:03 | 1 |

Lab Sample ID: LCS 660-119773/2
Matrix: Water
Analysis Batch: 119773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|------------------------|----------------|---------------|------------------|------|---|------|-----------------|
| Total Dissolved Solids | 10000 | 9910 | | mg/L | | 99 | 80 - 120 |

Lab Sample ID: 660-45576-AD-1 DU
Matrix: Water
Analysis Batch: 119773

Client Sample ID: Duplicate
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|------------------------|------------------|---------------------|--------------|-----------------|------|---|-----|--------------|
| Total Dissolved Solids | 810 | | 820 | | mg/L | | 1 | 20 |

QC Association Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Metals

Prep Batch: 119537

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-------------------|--------|--------|------------|
| 660-45511-A-1-B MS | Matrix Spike | Total Recoverable | Water | 3005A | |
| 660-45511-A-1-C MSD | Matrix Spike Duplicate | Total Recoverable | Water | 3005A | |
| 660-45526-1 | TH-58 WACS#1571 | Total Recoverable | Water | 3005A | |
| 660-45526-2 | TH-28A WACS#19862 | Total Recoverable | Water | 3005A | |
| 660-45526-3 | TH-57 WACS#1570 | Total Recoverable | Water | 3005A | |
| 660-45526-4 | TH-73 WACS#27754 | Total Recoverable | Water | 3005A | |
| 660-45526-5 | TH-72 WACS#27753 | Total Recoverable | Water | 3005A | |
| 660-45526-7 | TH-40 WACS#822 | Total Recoverable | Water | 3005A | |
| 660-45526-8 | Blank, Equipment 45526 | Total Recoverable | Water | 3005A | |
| LCS 660-119537/2-A | Lab Control Sample | Total Recoverable | Water | 3005A | |
| MB 660-119537/1-A | Method Blank | Total Recoverable | Water | 3005A | |

Analysis Batch: 119543

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-------------------|--------|--------|------------|
| 660-45511-A-1-B MS | Matrix Spike | Total Recoverable | Water | 6010B | 119537 |
| 660-45511-A-1-C MSD | Matrix Spike Duplicate | Total Recoverable | Water | 6010B | 119537 |
| 660-45526-1 | TH-58 WACS#1571 | Total Recoverable | Water | 6010B | 119537 |
| 660-45526-2 | TH-28A WACS#19862 | Total Recoverable | Water | 6010B | 119537 |
| 660-45526-3 | TH-57 WACS#1570 | Total Recoverable | Water | 6010B | 119537 |
| 660-45526-4 | TH-73 WACS#27754 | Total Recoverable | Water | 6010B | 119537 |
| 660-45526-5 | TH-72 WACS#27753 | Total Recoverable | Water | 6010B | 119537 |
| 660-45526-7 | TH-40 WACS#822 | Total Recoverable | Water | 6010B | 119537 |
| 660-45526-8 | Blank, Equipment 45526 | Total Recoverable | Water | 6010B | 119537 |
| LCS 660-119537/2-A | Lab Control Sample | Total Recoverable | Water | 6010B | 119537 |
| MB 660-119537/1-A | Method Blank | Total Recoverable | Water | 6010B | 119537 |

Prep Batch: 119640

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-------------------|--------|--------|------------|
| 660-45578-C-1-B MS | Matrix Spike | Total Recoverable | Water | 3005A | |
| 660-45578-C-1-C MSD | Matrix Spike Duplicate | Total Recoverable | Water | 3005A | |
| 660-45579-1 | SUP 2 WACS# 27756 | Total Recoverable | Water | 3005A | |
| 660-45579-2 | TH-42 WACS# 823 | Total Recoverable | Water | 3005A | |
| 660-45579-3 | SUP 1 WACS# 27755 | Total Recoverable | Water | 3005A | |
| 660-45579-4 | TH-30 WACS# 1065 | Total Recoverable | Water | 3005A | |
| 660-45579-5 | Duplicate 45579 | Total Recoverable | Water | 3005A | |
| 660-45579-6 | TH-19 WACS# 821 | Total Recoverable | Water | 3005A | |
| LCS 660-119640/2-A | Lab Control Sample | Total Recoverable | Water | 3005A | |
| MB 660-119640/1-A | Method Blank | Total Recoverable | Water | 3005A | |

Analysis Batch: 119823

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-------------------|--------|--------|------------|
| 660-45578-C-1-B MS | Matrix Spike | Total Recoverable | Water | 6010B | 119640 |
| 660-45578-C-1-C MSD | Matrix Spike Duplicate | Total Recoverable | Water | 6010B | 119640 |
| 660-45579-1 | SUP 2 WACS# 27756 | Total Recoverable | Water | 6010B | 119640 |
| 660-45579-2 | TH-42 WACS# 823 | Total Recoverable | Water | 6010B | 119640 |
| 660-45579-3 | SUP 1 WACS# 27755 | Total Recoverable | Water | 6010B | 119640 |
| 660-45579-4 | TH-30 WACS# 1065 | Total Recoverable | Water | 6010B | 119640 |
| 660-45579-5 | Duplicate 45579 | Total Recoverable | Water | 6010B | 119640 |
| 660-45579-6 | TH-19 WACS# 821 | Total Recoverable | Water | 6010B | 119640 |
| LCS 660-119640/2-A | Lab Control Sample | Total Recoverable | Water | 6010B | 119640 |
| MB 660-119640/1-A | Method Blank | Total Recoverable | Water | 6010B | 119640 |

QC Association Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

General Chemistry

Analysis Batch: 119559

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|----------|------------|
| 660-45526-1 | TH-58 WACS#1571 | Total/NA | Water | SM 2540C | |
| 660-45526-1 DU | TH-58 WACS#1571 | Total/NA | Water | SM 2540C | |
| 660-45526-2 | TH-28A WACS#19862 | Total/NA | Water | SM 2540C | |
| 660-45526-3 | TH-57 WACS#1570 | Total/NA | Water | SM 2540C | |
| 660-45526-4 | TH-73 WACS#27754 | Total/NA | Water | SM 2540C | |
| 660-45526-5 | TH-72 WACS#27753 | Total/NA | Water | SM 2540C | |
| 660-45526-7 | TH-40 WACS#822 | Total/NA | Water | SM 2540C | |
| 660-45526-8 | Blank, Equipment 45526 | Total/NA | Water | SM 2540C | |
| LCS 660-119559/2 | Lab Control Sample | Total/NA | Water | SM 2540C | |
| MB 660-119559/1 | Method Blank | Total/NA | Water | SM 2540C | |

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Analysis Batch: 119631

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 660-45483-A-13 MS | Matrix Spike | Total/NA | Water | 350.1 | |
| 660-45483-A-13 MSD | Matrix Spike Duplicate | Total/NA | Water | 350.1 | |
| 660-45526-1 | TH-58 WACS#1571 | Total/NA | Water | 350.1 | |
| 660-45579-1 | SUP 2 WACS# 27756 | Total/NA | Water | 350.1 | |
| 660-45579-2 | TH-42 WACS# 823 | Total/NA | Water | 350.1 | |
| 660-45579-3 | SUP 1 WACS# 27755 | Total/NA | Water | 350.1 | |
| 660-45579-4 | TH-30 WACS# 1065 | Total/NA | Water | 350.1 | |
| 660-45579-5 | Duplicate 45579 | Total/NA | Water | 350.1 | |
| 660-45579-6 | TH-19 WACS# 821 | Total/NA | Water | 350.1 | |
| LCS 660-119631/4 | Lab Control Sample | Total/NA | Water | 350.1 | |
| MB 660-119631/3 | Method Blank | Total/NA | Water | 350.1 | |

Analysis Batch: 119635

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| 660-45526-2 | TH-28A WACS#19862 | Total/NA | Water | 350.1 | |
| 660-45526-2 MS | TH-28A WACS#19862 | Total/NA | Water | 350.1 | |
| 660-45526-2 MSD | TH-28A WACS#19862 | Total/NA | Water | 350.1 | |
| 660-45526-3 | TH-57 WACS#1570 | Total/NA | Water | 350.1 | |
| 660-45526-4 | TH-73 WACS#27754 | Total/NA | Water | 350.1 | |
| 660-45526-5 | TH-72 WACS#27753 | Total/NA | Water | 350.1 | |
| 660-45526-7 | TH-40 WACS#822 | Total/NA | Water | 350.1 | |
| 660-45526-8 | Blank, Equipment 45526 | Total/NA | Water | 350.1 | |
| LCS 660-119635/4 | Lab Control Sample | Total/NA | Water | 350.1 | |
| MB 660-119635/3 | Method Blank | Total/NA | Water | 350.1 | |

Analysis Batch: 119752

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|------------------------|-----------|--------|--------|------------|
| 660-45526-2 | TH-28A WACS#19862 | Total/NA | Water | 300.0 | |
| 660-45526-3 | TH-57 WACS#1570 | Total/NA | Water | 300.0 | |
| 660-45526-5 | TH-72 WACS#27753 | Total/NA | Water | 300.0 | |
| 660-45526-7 | TH-40 WACS#822 | Total/NA | Water | 300.0 | |
| 660-45526-8 | Blank, Equipment 45526 | Total/NA | Water | 300.0 | |
| 660-45627-B-1 MS ^10 | Matrix Spike | Total/NA | Water | 300.0 | |
| 660-45627-B-1 MSD ^10 | Matrix Spike Duplicate | Total/NA | Water | 300.0 | |
| LCS 660-119752/4 | Lab Control Sample | Total/NA | Water | 300.0 | |
| MB 660-119752/3 | Method Blank | Total/NA | Water | 300.0 | |

QC Association Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

General Chemistry (Continued)

Analysis Batch: 119773

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|----------|------------|
| 660-45579-1 | SUP 2 WACS# 27756 | Total/NA | Water | SM 2540C | |
| 660-45579-2 | TH-42 WACS# 823 | Total/NA | Water | SM 2540C | |
| 660-45579-3 | SUP 1 WACS# 27755 | Total/NA | Water | SM 2540C | |
| 660-45579-4 | TH-30 WACS# 1065 | Total/NA | Water | SM 2540C | |
| 660-45579-5 | Duplicate 45579 | Total/NA | Water | SM 2540C | |
| 660-45579-6 | TH-19 WACS# 821 | Total/NA | Water | SM 2540C | |
| 660-45576-AD-1 DU | Duplicate | Total/NA | Water | SM 2540C | |
| LCS 660-119773/2 | Lab Control Sample | Total/NA | Water | SM 2540C | |
| MB 660-119773/1 | Method Blank | Total/NA | Water | SM 2540C | |

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Analysis Batch: 119814

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 660-45526-1 | TH-58 WACS#1571 | Total/NA | Water | 300.0 | |
| 660-45579-1 | SUP 2 WACS# 27756 | Total/NA | Water | 300.0 | |
| 660-45579-2 | TH-42 WACS# 823 | Total/NA | Water | 300.0 | |
| 660-45579-3 | SUP 1 WACS# 27755 | Total/NA | Water | 300.0 | |
| 660-45579-4 | TH-30 WACS# 1065 | Total/NA | Water | 300.0 | |
| 660-45579-5 | Duplicate 45579 | Total/NA | Water | 300.0 | |
| 660-45579-6 | TH-19 WACS# 821 | Total/NA | Water | 300.0 | |
| 660-45593-A-1 MS | Matrix Spike | Total/NA | Water | 300.0 | |
| 660-45593-A-1 MSD | Matrix Spike Duplicate | Total/NA | Water | 300.0 | |
| LCS 660-119814/4 | Lab Control Sample | Total/NA | Water | 300.0 | |
| MB 660-119814/3 | Method Blank | Total/NA | Water | 300.0 | |

Analysis Batch: 119941

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 660-45526-4 | TH-73 WACS#27754 | Total/NA | Water | 300.0 | |
| 660-45634-C-2 MS | Matrix Spike | Total/NA | Water | 300.0 | |
| 660-45634-C-2 MSD | Matrix Spike Duplicate | Total/NA | Water | 300.0 | |
| LCS 660-119941/4 | Lab Control Sample | Total/NA | Water | 300.0 | |
| MB 660-119941/3 | Method Blank | Total/NA | Water | 300.0 | |

Field Service / Mobile Lab

Analysis Batch: 119553

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|-------------------|-----------|--------|----------------|------------|
| 660-45526-1 | TH-58 WACS#1571 | Total/NA | Water | Field Sampling | |
| 660-45526-2 | TH-28A WACS#19862 | Total/NA | Water | Field Sampling | |
| 660-45526-3 | TH-57 WACS#1570 | Total/NA | Water | Field Sampling | |
| 660-45526-4 | TH-73 WACS#27754 | Total/NA | Water | Field Sampling | |
| 660-45526-5 | TH-72 WACS#27753 | Total/NA | Water | Field Sampling | |
| 660-45526-7 | TH-40 WACS#822 | Total/NA | Water | Field Sampling | |

Analysis Batch: 119592

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|-------------------|-----------|--------|----------------|------------|
| 660-45579-1 | SUP 2 WACS# 27756 | Total/NA | Water | Field Sampling | |
| 660-45579-2 | TH-42 WACS# 823 | Total/NA | Water | Field Sampling | |
| 660-45579-3 | SUP 1 WACS# 27755 | Total/NA | Water | Field Sampling | |
| 660-45579-4 | TH-30 WACS# 1065 | Total/NA | Water | Field Sampling | |
| 660-45579-6 | TH-19 WACS# 821 | Total/NA | Water | Field Sampling | |

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-58 WACS#1571

Lab Sample ID: 660-45526-1

Date Collected: 01/05/12 11:03

Matrix: Water

Date Received: 01/05/12 14:10

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119537 | 01/06/12 08:42 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119543 | 01/06/12 14:39 | GF | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119559 | 01/06/12 14:01 | TO | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119631 | 01/09/12 19:34 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 10 | 119814 | 01/12/12 11:38 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119553 | 01/05/12 11:03 | | TAL TAM |

9

Client Sample ID: TH-28A WACS#19862

Lab Sample ID: 660-45526-2

Date Collected: 01/05/12 12:15

Matrix: Water

Date Received: 01/05/12 14:10

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119537 | 01/06/12 08:42 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119543 | 01/06/12 14:42 | GF | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119559 | 01/06/12 14:02 | TO | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119635 | 01/09/12 19:47 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 1 | 119752 | 01/11/12 21:20 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119553 | 01/05/12 12:15 | | TAL TAM |

Client Sample ID: TH-57 WACS#1570

Lab Sample ID: 660-45526-3

Date Collected: 01/05/12 10:09

Matrix: Water

Date Received: 01/05/12 14:10

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119537 | 01/06/12 08:42 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119543 | 01/06/12 14:45 | GF | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119559 | 01/06/12 14:02 | TO | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119635 | 01/09/12 19:51 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 1 | 119752 | 01/11/12 21:37 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119553 | 01/05/12 10:09 | | TAL TAM |

Client Sample ID: TH-73 WACS#27754

Lab Sample ID: 660-45526-4

Date Collected: 01/05/12 11:31

Matrix: Water

Date Received: 01/05/12 14:10

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119537 | 01/06/12 08:42 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119543 | 01/06/12 14:49 | GF | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119559 | 01/06/12 14:03 | TO | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119635 | 01/09/12 19:52 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 10 | 119941 | 01/13/12 11:23 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119553 | 01/05/12 11:31 | | TAL TAM |

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-72 WACS#27753

Lab Sample ID: 660-45526-5

Date Collected: 01/05/12 11:49

Matrix: Water

Date Received: 01/05/12 14:10

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119537 | 01/06/12 08:42 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119543 | 01/06/12 14:52 | GF | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119559 | 01/06/12 14:03 | TO | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119635 | 01/09/12 19:53 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 1 | 119752 | 01/11/12 23:16 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119553 | 01/05/12 11:49 | | TAL TAM |

9

Client Sample ID: TH-40 WACS#822

Lab Sample ID: 660-45526-7

Date Collected: 01/05/12 09:39

Matrix: Water

Date Received: 01/05/12 14:10

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119537 | 01/06/12 08:42 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119543 | 01/06/12 15:06 | GF | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119559 | 01/06/12 14:04 | TO | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119635 | 01/09/12 19:55 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 1 | 119752 | 01/11/12 23:49 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119553 | 01/05/12 09:39 | | TAL TAM |

Client Sample ID: Blank, Equipment 45526

Lab Sample ID: 660-45526-8

Date Collected: 01/05/12 09:16

Matrix: Water

Date Received: 01/05/12 14:10

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119537 | 01/06/12 08:42 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119543 | 01/06/12 15:09 | GF | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119559 | 01/06/12 14:05 | TO | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119635 | 01/09/12 19:57 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 1 | 119752 | 01/12/12 00:05 | TS | TAL TAM |

Client Sample ID: SUP 2 WACS# 27756

Lab Sample ID: 660-45579-1

Date Collected: 01/06/12 09:26

Matrix: Water

Date Received: 01/06/12 14:25

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119640 | 01/10/12 07:33 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119823 | 01/13/12 08:51 | GF | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119631 | 01/09/12 19:26 | TO | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119773 | 01/12/12 12:03 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 1 | 119814 | 01/12/12 09:59 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119592 | 01/06/12 09:26 | | TAL TAM |

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-42 WACS# 823

Lab Sample ID: 660-45579-2

Date Collected: 01/06/12 11:38

Matrix: Water

Date Received: 01/06/12 14:25

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119640 | 01/10/12 07:33 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119823 | 01/13/12 08:54 | GF | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119631 | 01/09/12 19:27 | TO | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119773 | 01/12/12 12:03 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 1 | 119814 | 01/12/12 10:15 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119592 | 01/06/12 11:38 | | TAL TAM |

9

Client Sample ID: SUP 1 WACS# 27755

Lab Sample ID: 660-45579-3

Date Collected: 01/06/12 09:53

Matrix: Water

Date Received: 01/06/12 14:25

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119640 | 01/10/12 07:33 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119823 | 01/13/12 08:58 | GF | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119631 | 01/09/12 19:28 | TO | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119773 | 01/12/12 12:03 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 1 | 119814 | 01/12/12 10:32 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119592 | 01/06/12 09:53 | | TAL TAM |

Client Sample ID: TH-30 WACS# 1065

Lab Sample ID: 660-45579-4

Date Collected: 01/06/12 10:59

Matrix: Water

Date Received: 01/06/12 14:25

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119640 | 01/10/12 07:33 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119823 | 01/13/12 09:08 | GF | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119631 | 01/09/12 19:29 | TO | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119773 | 01/12/12 12:03 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 5 | 119814 | 01/12/12 10:48 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119592 | 01/06/12 10:59 | | TAL TAM |

Client Sample ID: Duplicate 45579

Lab Sample ID: 660-45579-5

Date Collected: 01/06/12 00:00

Matrix: Water

Date Received: 01/06/12 14:25

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119640 | 01/10/12 07:33 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119823 | 01/13/12 09:11 | GF | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119631 | 01/09/12 19:31 | TO | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119773 | 01/12/12 12:03 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 2 | 119814 | 01/12/12 11:05 | TS | TAL TAM |

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

Client Sample ID: TH-19 WACS# 821

Lab Sample ID: 660-45579-6

Date Collected: 01/06/12 12:08

Matrix: Water

Date Received: 01/06/12 14:25

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119640 | 01/10/12 07:33 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119823 | 01/13/12 09:14 | GF | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119631 | 01/09/12 19:32 | TO | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119773 | 01/12/12 12:03 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 1 | 119814 | 01/12/12 11:21 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119592 | 01/06/12 12:08 | | TAL TAM |

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427



Certification Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

| Laboratory | Authority | Program | EPA Region | Certification ID |
|-------------------|-----------|---------------|------------|------------------|
| TestAmerica Tampa | Alabama | State Program | 4 | 40610 |
| TestAmerica Tampa | Florida | NELAC | 4 | E84282 |
| TestAmerica Tampa | Georgia | State Program | 4 | 905 |
| TestAmerica Tampa | USDA | USDA | | P330-11-00177 |

Accreditation may not be offered or required for all methods and analytes reported in this package . Please contact your project manager for the laboratory's current list of certified methods and analytes.

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Method Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

| Method | Method Description | Protocol | Laboratory |
|----------------|-------------------------------|----------|------------|
| 6010B | Metals (ICP) | SW846 | TAL TAM |
| 300.0 | Anions, Ion Chromatography | MCAWW | TAL TAM |
| 350.1 | Nitrogen, Ammonia | MCAWW | TAL TAM |
| SM 2540C | Solids, Total Dissolved (TDS) | SM | TAL TAM |
| Field Sampling | Field Sampling | EPA | TAL TAM |

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427



Sample Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------------|--------|----------------|----------------|
| 660-45526-1 | TH-58 WACS#1571 | Water | 01/05/12 11:03 | 01/05/12 14:10 |
| 660-45526-2 | TH-28A WACS#19862 | Water | 01/05/12 12:15 | 01/05/12 14:10 |
| 660-45526-3 | TH-57 WACS#1570 | Water | 01/05/12 10:09 | 01/05/12 14:10 |
| 660-45526-4 | TH-73 WACS#27754 | Water | 01/05/12 11:31 | 01/05/12 14:10 |
| 660-45526-5 | TH-72 WACS#27753 | Water | 01/05/12 11:49 | 01/05/12 14:10 |
| 660-45526-7 | TH-40 WACS#822 | Water | 01/05/12 09:39 | 01/05/12 14:10 |
| 660-45526-8 | Blank, Equipment 45526 | Water | 01/05/12 09:16 | 01/05/12 14:10 |
| 660-45579-1 | SUP 2 WACS# 27756 | Water | 01/06/12 09:26 | 01/06/12 14:25 |
| 660-45579-2 | TH-42 WACS# 823 | Water | 01/06/12 11:38 | 01/06/12 14:25 |
| 660-45579-3 | SUP 1 WACS# 27755 | Water | 01/06/12 09:53 | 01/06/12 14:25 |
| 660-45579-4 | TH-30 WACS# 1065 | Water | 01/06/12 10:59 | 01/06/12 14:25 |
| 660-45579-5 | Duplicate 45579 | Water | 01/06/12 00:00 | 01/06/12 14:25 |
| 660-45579-6 | TH-19 WACS# 821 | Water | 01/06/12 12:08 | 01/06/12 14:25 |

12

660-45526

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: De Clay REP. OF SOLID WASTE DEPT. 12.30.11 10:00

LOCATION: TH-58 WACS# 1571 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon ☒ JC ☐

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 32.92 Ft.

DEPTH TO WATER: 28.45 Ft.

LENGTH OF WATER COL: 4.47 Ft.

VOLUME TO PURGE: 0.72 Gal.

PURGE STARTED: 1.5.12 10:55

PURGE RATE: 0.20 GPM.

PURGE ENDED: 1.5.12 11:03

ACT. VOL. PURGED: 1.60 GAL.

Draw Down: 28.64

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|--------|
| AB JC | 10:59 | 24.55 | 1049 | 5.94 | 1.51 | 9.21 = |
| AB JC | 11:01 | 24.57 | 1037 | 5.92 | 1.43 | 8.78 |
| AB JC | 11:03 | 24.58 | 1032 | 5.90 | 1.45 | 8.80 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1.5.12 11:03

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 ☒ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: De Clay REP. OF SOLID WASTE DEPT. 1.5.12 2:10

ACCEPTED BY: De Clay REP. OF CONTRACT LAB. 1.5.12 2:10

COMMENT'S: W0 # 0054

5.0 CU. FT

660-45526

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____

REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim Clayton

REP. OF SOLID WASTE DEPT. 12.30.11 | 10:00

LOCATION: TH-28A WACS# 19862

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☐ A. Balloon ☐

☐

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 34.30 Ft.

DEPTH TO WATER: 28.99 Ft.

LENGTH OF WATER COL: 5.31 Ft.

VOLUME TO PURGE: 0.85 Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

Draw Down:

DATE | TIME

1.5.12 | 12:02

0.10 GPM.

DATE | TIME

1.5.12 | 12:15

1.30 GAL.

29.41

W-1-5-12

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|-------|------|
| AB JC | 12:11 | 25.29 | 234 | 5.31 | 12.88 | 6.96 |
| AB JC | 12:13 | 25.34 | 233 | 5.30 | 12.73 | 7.08 |
| AB JC | 12:15 | 25.35 | 231 | 5.27 | 12.71 | 7.15 |

13

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4

TOTAL No. OF SAMPLES COLLECTED:

W-1-5-12

COLLECTED

DATE | TIME

1.5.12 | 12:15

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 ☒

SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim Clayton

REP. OF SOLID WASTE DEPT. 1.5.12 | 2:10

ACCEPTED BY: Jim Clayton

REP. OF CONTRACT LAB. 1.5.12 | 2:10

COMMENT'S: W0# 0054

5.0 cv. 07

660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____

REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim ClaytonREP. OF SOLID WASTE DEPT. 12.30.11 | 10:00LOCATION: TH-57 WACS# 1570SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ JC ☐WELL DIAMETER: 2.0 INCH:TOTAL DEPTH OF WELL: 26.83 Ft.DEPTH TO WATER: 19.84 Ft.LENGTH OF WATER COL: 6.97 Ft.VOLUME TO PURGE: 1.12 Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

Draw Down:

DATE | TIME

1.5.12 | 9:590.20 GPM.

DATE | TIME

1.5.12 | 10:092.00 GAL.20.50

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|-----------|
| AB JC | 10:05 | 26.25 | 147 | 5.28 | 0.65 | 0.47 = |
| AB JC | 10:07 | 26.30 | 155 | 5.25 | 0.69 | 0.90 0.67 |
| AB JC | 10:09 | 26.31 | 154 | 5.24 | 0.65 | 0.70 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1.5.12 | 10:09

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim ClaytonREP. OF SOLID WASTE DEPT. 1.5.12 | 2:10ACCEPTED BY: Jim ClaytonREP. OF CONTRACT LAB. 1.5.12 | 2:10COMMENT'S: W00# 0054 H₂S odor5.0 CN-07

660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 12.30.11 10:00LOCATION: TH-73 WACS#27754 SAMPLE MATRIX: WATER OTHER MATRIX: _____PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon ☒ JC ☐WELL DIAMETER: 2 INCH:TOTAL DEPTH OF WELL: 43.40 Ft.DEPTH TO WATER: 32.31 Ft.LENGTH OF WATER COL: 11.09 Ft.VOLUME TO PURGE: 1.77 Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

Draw Down:

DATE | TIME

1.5.12 11:140.25 GPM.

DATE | TIME

1.5.12 11:313.25 GAL.33.49

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|--------|
| AB JC | 11:27 | 25.18 | 1185 | 5.19 | 0.73 | 2.11 = |
| AB JC | 11:29 | 25.20 | 1183 | 5.21 | 0.74 | 2.09 |
| AB JC | 11:31 | 25.18 | 1184 | 5.14 | 0.71 | 2.05 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens _____

COLLECTED

DATE | TIME

1.5.12 11:31

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 1.5.12 2:10ACCEPTED BY: St. Paul REP. OF CONTRACT LAB. 1.5.12 2:10COMMENT'S: W0#00545.0 CU-07

660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____

REP. OF CONTRACT LAB. _____

ACCEPTED BY: Air ClaytonREP. OF SOLID WASTE DEPT. 12.30.11 | 10:00LOCATION: TH-72 WACS# 27753SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ 1c ☐WELL DIAMETER: 2 INCH:TOTAL DEPTH OF WELL: 190.00 Ft.DEPTH TO WATER: 113.70 Ft.LENGTH OF WATER COL: 76.30 Ft.VOLUME TO PURGE: 12.24 Gal.

PURGE STARTED:

DATE | TIME
1.5.12 | 11:24

PURGE RATE:

0.60 GPM.

PURGE ENDED:

DATE | TIME
1.5.12 | 11:49

ACT. VOL. PURGED:

15.00 GAL.

Draw Down:

113.49FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|--------|
| AB 1c | 11:45 | 22.73 | 533 | 7.22 | 0.22 | 0.58 = |
| AB 1c | 11:47 | 22.73 | 534 | 7.23 | 0.21 | 0.65 |
| AB 1c | 11:49 | 22.74 | 535 | 7.23 | 0.20 | 0.44 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens _____

COLLECTED

DATE | TIME

1.5.12 | 11:49ANALYSIS REQUESTED:AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Air ClaytonREP. OF SOLID WASTE DEPT. 1.5.12 | 2:10ACCEPTED BY: [Signature]REP. OF CONTRACT LAB. 1.5.12 | 2:10COMMENT'S: W0 # 00545.0 CO-07

660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim Rafter REP. OF SOLID WASTE DEPT. 12.30.11 | 10:00LOCATION: TH-40 WACS# 822 SAMPLE MATRIX: WATER OTHER MATRIX: _____PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A. Balloon ☐ ☐WELL DIAMETER: 2.0 INCH:TOTAL DEPTH OF WELL: 165.90 Ft.DEPTH TO WATER: 107.94 Ft.LENGTH OF WATER COL: 57.94 Ft.VOLUME TO PURGE: 9.27 Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

Draw Down:

DATE | TIME

1.5.12 | 9:291.00 GPM.

DATE | TIME

1.5.12 | 9:3913.00 GAL.167.09

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|------|-------|------|------|------|--------|
| AB JC | 9:35 | 23.12 | 349 | 7.50 | 0.98 | 0.37 = |
| AB JC | 9:37 | 23.13 | 350 | 7.48 | 0.97 | 0.40 |
| AB JC | 9:39 | 23.15 | 354 | 7.48 | 0.95 | 0.39 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 4 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1.5.12 | 9:39

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim Rafter REP. OF SOLID WASTE DEPT. 1.5.12 | 2:10ACCEPTED BY: Jim Rafter REP. OF CONTRACT LAB. 1.5.12 | 2:10COMMENT'S: WO # 00545.00-07

660-45526

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS BLANK, EQUIPMENT

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 12.30.11 | 10:00

LOCATION: BLANK, EQUIPMENT SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon ☐ _____

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|----------|-----------------------|----------|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| <u>1</u> | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | <u>2</u> | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| <u>1</u> | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
 DATE | TIME
1.5.12 | 9:16

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 ☒ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: _____ DATE | TIME

RELINQUISHED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 1.5.12 | 2:10

ACCEPTED BY: Jim Clayton REP. OF CONTRACT LAB. 1.5.12 | 2:10

COMMENTS: wo # 0054

5.0 CO-07

660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY:

REP. OF CONTRACT LAB.

ACCEPTED BY:

De ClatoREP. OF SOLID WASTE DEPT. 12.30.11 10:00LOCATION: TH-58 WACS# 1571SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ JC ☐WELL DIAMETER: 2.0 INCH:TOTAL DEPTH OF WELL: 32.92 Ft.DEPTH TO WATER: 28.45 Ft.LENGTH OF WATER COL: 4.47 Ft.VOLUME TO PURGE: 0.72 Gal.

PURGE STARTED:

1.5.12 10:55

PURGE RATE:

0.20 GPM.

PURGE ENDED:

1.5.12 11:03

ACT. VOL. PURGED:

1.60 GAL.

Draw Down:

28.64

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|--------|
| AB JC | 10:59 | 24.55 | 1049 | 5.94 | 1.51 | 9.21 = |
| AB JC | 11:01 | 24.57 | 1037 | 5.92 | 1.43 | 8.78 |
| AB JC | 11:03 | 24.58 | 1032 | 5.90 | 1.45 | 8.80 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | .125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml. GLASS | | 125 ml. GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4

TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1.5.12 11:03

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

De Clato

REP. OF SOLID WASTE DEPT.

DATE | TIME

1.5.12 2:10

ACCEPTED BY:

REP. OF CONTRACT LAB.

1.5.12 2:10COMMENT'S: W0 # 00545.0 CU.07

660-45526

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 12.30.11 | 10:00

LOCATION: TH-28A WACS# 19862 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Balloon ☐ _____

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 34.30 Ft.

DEPTH TO WATER: 28.99 Ft.

LENGTH OF WATER COL: 5.31 Ft.

VOLUME TO PURGE: 0.85 Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

Draw Down:

DATE | TIME

1.5.12 | 12:02

0.10 GPM.

DATE | TIME

1.5.12 | 12:15

1.30 GAL.

29.41

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|------|------|------|----|----|------|
| AB JC | | | | | | |
| AB JC | | | | | | |
| AB JC | | | | | | |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME

1.5.12

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 ☒ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 1.5.12 | 2:10

ACCEPTED BY: Jim Clayton REP. OF CONTRACT LAB. 1.5.12 | 2:10

COMMENT'S: WO# 0054

5.0 cv. 07

660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY:

REP. OF CONTRACT LAB.

ACCEPTED BY:

Jim ClaytonREP. OF SOLID WASTE DEPT. 12.30.11 | 10:00LOCATION: TH-57 WACS# 1570SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ JC ☐WELL DIAMETER: 2.0 INCH:TOTAL DEPTH OF WELL: 26.83 Ft.DEPTH TO WATER: 19.84 Ft.LENGTH OF WATER COL: 6.97 Ft.VOLUME TO PURGE: 1.12 Gal.

PURGE STARTED:

DATE | TIME
1.5.12 | 9:59

PURGE RATE:

0.20 GPM.

PURGE ENDED:

DATE | TIME
1.5.12 | 10:09

ACT. VOL. PURGED:

2.00 GAL.

Draw Down:

20.50FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|-----------|
| AB JC | 10:05 | 26.25 | 147 | 5.28 | 0.68 | 0.47 = |
| AB JC | 10:07 | 26.30 | 155 | 5.25 | 6.69 | 2.90 0.67 |
| AB JC | 10:09 | 26.31 | 154 | 5.24 | 0.65 | 0.70 |

13

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4

TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1.5.12 | 10:09ANALYSIS REQUESTED:AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

Jim Clayton

REP. OF SOLID WASTE DEPT.

DATE | TIME

1.5.12 | 2:10

ACCEPTED BY:

John Kelly

REP. OF CONTRACT LAB.

1.5.12 | 2:10COMMENT'S: WO# 0054 H₂S odor5.0 CN.07

660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____

REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim ClaytonREP. OF SOLID WASTE DEPT. 12.30.11 11:00LOCATION: TH-73 WACS#27754SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ JC ☐WELL DIAMETER: 2 INCH:TOTAL DEPTH OF WELL: 43.40 Ft.DEPTH TO WATER: 32.31 Ft.LENGTH OF WATER COL: 11.09 Ft.VOLUME TO PURGE: 1.77 Gal.

PURGE STARTED:

DATE | TIME

1.5.12 11:19

PURGE RATE:

0.25 GPM.

PURGE ENDED:

DATE | TIME

1.5.12 11:31

ACT. VOL. PURGED:

3.25 GAL.

Draw Down:

33.69

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|--------|
| AB JC | 11:27 | 25.18 | 1185 | 5.19 | 0.73 | 2.11 = |
| AB JC | 11:29 | 25.20 | 1183 | 5.21 | 0.74 | 2.09 |
| AB JC | 11:31 | 25.18 | 1184 | 5.14 | 0.71 | 2.05 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens _____

COLLECTED

DATE | TIME

1.5.12 11:31

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim Clayton

REP. OF SOLID WASTE DEPT.

DATE | TIME

1.5.12 2:10ACCEPTED BY: St. Paul

REP. OF CONTRACT LAB.

1.5.12 2:10COMMENT'S: W0#00545.0 CU-07

660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____

REP. OF CONTRACT LAB. _____

ACCEPTED BY: J. ClaytonREP. OF SOLID WASTE DEPT. 12.30.11 | 10:00LOCATION: TH-72 WACS# 27753SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ J. Clayton ☐WELL DIAMETER: 2 INCH:TOTAL DEPTH OF WELL: 190.00 Ft.DEPTH TO WATER: 113.70 Ft.LENGTH OF WATER COL: 76.30 Ft.VOLUME TO PURGE: 12.24 Gal.

PURGE STARTED:

DATE | TIME

1.5.12 | 11:24

PURGE RATE:

0.60 GPM.

PURGE ENDED:

DATE | TIME

1.5.12 | 11:49

ACT. VOL. PURGED:

13.00 GAL.

Draw Down:

113.69

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|---------------|-------|-------|------|------|------|--------|
| AB J. Clayton | 11:45 | 22.73 | 533 | 7.22 | 0.22 | 0.58 = |
| AB J. Clayton | 11:47 | 22.73 | 534 | 7.23 | 0.21 | 0.65 |
| AB J. Clayton | 11:49 | 22.74 | 535 | 7.23 | 0.20 | 0.44 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens _____

COLLECTED

DATE | TIME

1.5.12 | 11:49

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: J. ClaytonREP. OF SOLID WASTE DEPT. 1.5.12 | 2:10ACCEPTED BY: J. ClaytonREP. OF CONTRACT LAB. 1.5.12 | 2:10COMMENT'S: WO # 00545.0 CO-07

660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____

REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim ClaggettREP. OF SOLID WASTE DEPT. 12.80.11 | 10:00LOCATION: TH-75 WACS# 28308SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ JC ☐WELL DIAMETER: 2 INCH:TOTAL DEPTH OF WELL: 17.00 Ft.DEPTH TO WATER: 8.07 Ft.LENGTH OF WATER COL: 8.93 Ft.VOLUME TO PURGE: 1.42 Gal.

PURGE STARTED:

DATE | TIME
1.5.12 | 10:24

PURGE RATE:

0.20 GPM.

PURGE ENDED:

DATE | TIME
1.5.12 | 10:35

ACT. VOL. PURGED:

2.20 GAL.

Draw Down:

8.50

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|--------|
| AB JC | 10:31 | 21.72 | 298 | 5.61 | 0.94 | 23.1 = |
| AB JC | 10:33 | 21.70 | 300 | 5.61 | 0.91 | 22.5 |
| AB JC | 10:35 | 21.69 | 300 | 5.58 | 0.92 | 18.9 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens _____

COLLECTED

DATE | TIME

1.5.12 | 10:25

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim ClaggettREP. OF SOLID WASTE DEPT. 1.5.12 | 2:10ACCEPTED BY: John BellREP. OF CONTRACT LAB. 1.5.12 | 2:10COMMENTS: W-01# 00545.0 cu. ft

660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME _____

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim Hays REP. OF SOLID WASTE DEPT. 12.30.11 | 10:00

LOCATION: TH-40 WACS# 822 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A. Balloon ☐ _____

| | | |
|--|-------------------|-----------------------------|
| WELL DIAMETER: <u>2.0</u> INCH: | | DATE TIME |
| TOTAL DEPTH OF WELL: <u>165.90</u> Ft. | PURGE STARTED: | <u>1.5.12</u> <u>9:29</u> |
| DEPTH TO WATER: <u>107.94</u> Ft. | PURGE RATE: | <u>1.00</u> GPM. |
| LENGTH OF WATER COL: <u>57.94</u> Ft. | | DATE TIME |
| VOLUME TO PURGE: <u>9.27</u> Gal. | PURGE ENDED: | <u>1.5.12</u> <u>9:39</u> |
| | ACT. VOL. PURGED: | <u>13.00</u> GAL. |
| | Draw Down: | <u>167.09</u> |

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|------|-------|------|------|------|--------|
| AB JC | 9:35 | 23.12 | 349 | 7.50 | 0.98 | 0.37 = |
| AB JC | 9:37 | 23.13 | 350 | 7.48 | 0.97 | 0.40 |
| AB JC | 9:39 | 23.15 | 354 | 7.48 | 0.95 | 0.39 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. ELASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 4 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1.5.12 | 9:39

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 ☒ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: _____ DATE | TIME _____

RELINQUISHED BY: Jim Hays REP. OF SOLID WASTE DEPT. 1.5.12 | 2:10

ACCEPTED BY: Jim Hays REP. OF CONTRACT LAB. 1.5.12 | 2:10

COMMENT'S: WO # 0054

5.006-07

660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS BLANK, EQUIPMENT**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 12.30.11 | 10:00LOCATION: BLANK, EQUIPMENT SAMPLE MATRIX: WATER OTHER MATRIX: _____PERSONAL ENGAGED IN SAMPLE COLLECTION W.A. Balloon ☒ 3c ☐

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|----------|-----------------------|----------|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| <u>1</u> | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | <u>2</u> | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| <u>1</u> | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1.5.12 | 9:10

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 1.5.12 | 2:10ACCEPTED BY: Jim Clayton REP. OF CONTRACT LAB. 1.5.12 | 2:10COMMENTS: wo # 00545.0 CO-07

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS: 660-45579 DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Lin Clayton REP. OF SOLID WASTE DEPT. 12.30.11 | 10:00

LOCATION: SUP 2 WACS# 27756 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION WA. Balloon & JC ☐

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 1.6.12 TIME 9:07

ACTUAL PURGE TIME: 19 MIN:

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|------|-------|------|------|------|--------|
| AB JC | 9:22 | 24.41 | 329 | 7.55 | 0.20 | 0.73 = |
| AB JC | 9:24 | 24.54 | 328 | 7.54 | 0.33 | 1.08 |
| AB JC | 9:24 | 24.53 | 328 | 7.57 | 0.30 | 1.00 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1.6.12 | 9:24

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 ☒ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: _____ DATE | TIME

RELINQUISHED BY: Lin Clayton REP. OF SOLID WASTE DEPT. 1.6.12 | 2:25

ACCEPTED BY: John S. REP. OF CONTRACT LAB. 1.6.12 | 2:25

COMMENT'S: W0#0054 2.20 CU-07

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS: 660-45579 DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Ain Chay REP. OF SOLID WASTE DEPT. 12.30.11 | 10:00

LOCATION: TH-42 WACS# 823 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon ☒ JC ☐

WELL DIAMETER: 2.0 INCH: _____ DATE | TIME
TOTAL DEPTH OF WELL: 164.00 Ft. PURGE STARTED: 1.6.12 | 11:12
DEPTH TO WATER: 81.86 Ft. PURGE RATE: 0.40 GPM.
LENGTH OF WATER COL: 82.14 Ft. DATE | TIME
VOLUME TO PURGE: 13.4 Gal. PURGE ENDED: 1.6.12 | 11:38
ACT. VOL. PURGED: 15.6 GAL.
Draw Down: 98.46

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|------|-------|-------|------|------|------|------|
| ABAC | 11:34 | 23.63 | 465 | 7.4 | 0.23 | 10.9 |
| ABAC | 11:34 | 23.44 | 465 | 7.12 | 0.23 | 12.4 |
| ABAC | 11:38 | 23.47 | 444 | 7.12 | 0.22 | 12.0 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 51 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1.6.12 | 11:38

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Dissolved Sodium

Dissolved Iron Dissolved Arsenic

PRESERVED SAMPLES PH < 2.0 ☒ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Ain Chay REP. OF SOLID WASTE DEPT. 1.6.12 | 2:25
ACCEPTED BY: Jan REP. OF CONTRACT LAB. 1.6.12 | 2:25

COMMENT'S: 600 # 0054

660-45579

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 12.30.11 | 10:00LOCATION: SUP 1 WACS# 27755 SAMPLE MATRIX: WATER OTHER MATRIX: _____PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon & JC ☐WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 1.6.12 TIME 9:34
ACTUAL PURGE TIME: 17 MIN:

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|------|-------|------|------|------|--------|
| AB JC | 9:49 | 24.83 | 317 | 7.51 | 0.08 | 0.08 = |
| AB JC | 9:51 | 24.35 | 317 | 7.51 | 0.08 | 0.06 |
| AB JC | 9:53 | 24.34 | 317 | 7.5 | 0.08 | 0.06 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1.6.12 | 9:53

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 1.6.12 | 2:25ACCEPTED BY: Jah 64 REP. OF CONTRACT LAB. 1.6.12 | 2:25COMMENT S: WO # 0054

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS: 660-45579 DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 12.30.11 | 10:00

LOCATION: TH-30 WACS# 1065 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon ☒ JC ☐

| | |
|---------------------------------------|---|
| WELL DIAMETER: <u>2.00</u> INCH: | DATE TIME |
| TOTAL DEPTH OF WELL: <u>46.19</u> Ft. | PURGE STARTED: <u>1.6.12</u> <u>10:41</u> |
| DEPTH TO WATER: <u>24.09</u> Ft. | PURGE RATE: <u>0.25</u> GPM. |
| LENGTH OF WATER COL: <u>22.10</u> Ft. | DATE TIME |
| VOLUME TO PURGE: <u>3.54</u> Gal. | PURGE ENDED: <u>1.6.12</u> <u>10:59</u> |
| | ACT. VOL. PURGED: <u>4.50</u> GAL. |
| | Draw Down: <u>24.28</u> |

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|--------|
| AB JC | 10:55 | 23.71 | 274 | 4.63 | 0.14 | 1.67 = |
| AB JC | 10:57 | 23.68 | 275 | 4.61 | 0.16 | 1.98 |
| AB JC | 10:59 | 23.67 | 277 | 4.59 | 0.14 | 1.78 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1.6.12 | 10:59

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 ☒ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

| | |
|-------------------------------------|---|
| ABOVE LISTED SAMPLES: | DATE TIME |
| RELINQUISHED BY: <u>Jim Clayton</u> | REP. OF SOLID WASTE DEPT. <u>1.6.12</u> <u>2:25</u> |
| ACCEPTED BY: <u>Jah</u> | REP. OF CONTRACT LAB. <u>1.6.12</u> <u>2:25</u> |

COMMENT'S: WO# 0054

660-45579

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS DUPLICATE SAMPLE

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 12.30.11 | 10:00

LOCATION: DUPLICATE SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION : ☒ A.Balloon ☒ JC ☐

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME

1.6.12 | —

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 ☒ SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 1.6.12 | 2:25

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 1.6.12 | 2:25

COMMENT'S: W00 # 0054

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

660-45579

DATE | TIME

RELINQUISHED BY:

REP. OF CONTRACT LAB.

ACCEPTED BY:

Jim Clayton

REP. OF SOLID WASTE DEPT. 12.30.11

LOCATION: TH-19 WACS# 821

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☐ A. Balloon ☐

☐

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 153.60 Ft.

DEPTH TO WATER: 108.06 Ft.

LENGTH OF WATER COL: 45.54 Ft.

VOLUME TO PURGE: 7.29 Gal.

PURGE STARTED:

DATE | TIME
1.6.12 | 11:57

PURGE RATE:

1.00 GPM.

PURGE ENDED:

DATE | TIME
1.6.12 | 12:05

ACT. VOL. PURGED:

11.00 GAL.

Draw Down:

108.39

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|--------|
| AB JC | 12:04 | 23.27 | 369 | 7.32 | 0.59 | 0.37 = |
| AB JC | 12:06 | 23.21 | 369 | 7.30 | 0.55 | 0.34 |
| AB JC | 12:08 | 23.25 | 369 | 7.29 | 0.45 | 0.24 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4

TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1.6.12 | 12:08

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 ☒

SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

Jim Clayton

REP. OF SOLID WASTE DEPT.

DATE | TIME

1.6.12 | 2:25

ACCEPTED BY:

John Smith

REP. OF CONTRACT LAB.

1.6.12 | 2:25

COMMENT'S: W00 # 0054

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-45526-1

Login Number: 45526

List Source: TestAmerica Tampa

List Number: 1

Creator: Redding, Charles S

| Question | Answer | Comment |
|--|--------|------------|
| Radioactivity either was not measured or, if measured, is at or below background | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | 5.0c CU-07 |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | N/A | |
| Residual Chlorine Checked. | N/A | |

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Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-45526-1

Login Number: 45579

List Source: TestAmerica Tampa

List Number: 1

Creator: Snead, Joshua

| Question | Answer | Comment |
|--|--------|-----------|
| Radioactivity either was not measured or, if measured, is at or below background | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 2.2c CU07 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | True | |



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Tampa

6712 Benjamin Road

Suite 100

Tampa, FL 33634

Tel: (813)885-7427

TestAmerica Job ID: 660-45526-2

Client Project/Site: SELF MWs,SS,Private Wells,NPDES

For:

Hillsborough County Public Utilities Dep

Solid Waste Management Group

Brandon Support Operations Complex

332 North Falkenburg Rd, 2nd Floor

Tampa, Florida 33619

Attn: David Adams



Authorized for release by:

1/20/2012 12:06:37 PM

Nancy Robertson

Project Manager II

nancy.robertson@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

3

Qualifiers

Metals

| Qualifier | Qualifier Description |
|-----------|--|
| I | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| U | Indicates that the compound was analyzed for but not detected. |
| J3 | Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria. |

General Chemistry

| Qualifier | Qualifier Description |
|-----------|--|
| J3 | Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria. |
| U | Indicates that the compound was analyzed for but not detected. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|--|
| ☐ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CNF | Contains no Free Liquid |
| DL, RA, RE, IN | Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| EDL | Estimated Detection Limit |
| EPA | United States Environmental Protection Agency |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| ND | Not detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RL | Reporting Limit |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

Case Narrative

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

Job ID: 660-45526-2

Laboratory: TestAmerica Tampa

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Narrative

Job Narrative
660-45526-2

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

Metals

Method 6010B: The matrix spike and/or matrix spike duplicate (MS/MSD) recoveries for Iron in batch 119640 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

General Chemistry

Method 350.1: The matrix spike(MS) recovery for batch 119635 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 300.0: The matrix spike(MS) recovery for batch 119752 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Detection Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

Client Sample ID: TH-75 WACS#28308

Lab Sample ID: 660-45526-6

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Arsenic | 7.1 | I | 10 | 4.0 | ug/L | 1 | | 6010B | Total Recovera |
| Iron | 8600 | | 200 | 50 | ug/L | 1 | | 6010B | Total Recovera |
| Sodium | 10 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 25 | | 0.50 | 0.20 | mg/L | 1 | | 300.0 | Total/NA |
| Ammonia as N | 1.1 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 180 | | 10 | 10 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 5.58 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 21.69 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.92 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 300 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 18.9 | | | | NTU | 1 | | Field Sampling | Total/NA |

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Client Sample ID: TH-74 WACS# 28307

Lab Sample ID: 660-45578-1

| Analyte | Result | Qualifier | PQL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-----------|---------|---|----------------|----------------|
| Iron | 30000 | J3 | 200 | 50 | ug/L | 1 | | 6010B | Total Recovera |
| Sodium | 26 | | 0.50 | 0.31 | mg/L | 1 | | 6010B | Total Recovera |
| Chloride | 59 | | 5.0 | 2.0 | mg/L | 10 | | 300.0 | Total/NA |
| Ammonia as N | 1.8 | | 0.020 | 0.010 | mg/L | 1 | | 350.1 | Total/NA |
| Total Dissolved Solids | 240 | | 10 | 10 | mg/L | 1 | | SM 2540C | Total/NA |
| Field pH | 5.66 | | | | SU | 1 | | Field Sampling | Total/NA |
| Field Temperature | 21.97 | | | | Degrees C | 1 | | Field Sampling | Total/NA |
| Oxygen, Dissolved | 0.66 | | | | mg/L | 1 | | Field Sampling | Total/NA |
| Specific Conductance | 474 | | | | umhos/cm | 1 | | Field Sampling | Total/NA |
| Turbidity | 16.8 | | | | NTU | 1 | | Field Sampling | Total/NA |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

Client Sample ID: TH-75 WACS#28308

Lab Sample ID: 660-45526-6

Date Collected: 01/05/12 10:35

Matrix: Water

Date Received: 01/05/12 14:10

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 7.1 | I | 10 | 4.0 | ug/L | | 01/06/12 08:42 | 01/06/12 14:56 | 1 |
| Iron | 8600 | | 200 | 50 | ug/L | | 01/06/12 08:42 | 01/06/12 14:56 | 1 |
| Sodium | 10 | | 0.50 | 0.31 | mg/L | | 01/06/12 08:42 | 01/06/12 14:56 | 1 |



General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 25 | | 0.50 | 0.20 | mg/L | | | 01/11/12 23:32 | 1 |
| Ammonia as N | 1.1 | | 0.020 | 0.010 | mg/L | | | 01/09/12 19:54 | 1 |
| Total Dissolved Solids | 180 | | 10 | 10 | mg/L | | | 01/06/12 14:04 | 1 |

Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Field pH | 5.58 | | | | SU | | | 01/05/12 10:35 | 1 |
| Field Temperature | 21.69 | | | | Degrees C | | | 01/05/12 10:35 | 1 |
| Oxygen, Dissolved | 0.92 | | | | mg/L | | | 01/05/12 10:35 | 1 |
| Specific Conductance | 300 | | | | umhos/cm | | | 01/05/12 10:35 | 1 |
| Turbidity | 18.9 | | | | NTU | | | 01/05/12 10:35 | 1 |

Client Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

Client Sample ID: TH-74 WACS# 28307

Lab Sample ID: 660-45578-1

Date Collected: 01/06/12 10:23

Matrix: Water

Date Received: 01/06/12 14:25

Method: 6010B - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | - | 01/10/12 07:33 | 01/13/12 08:38 | 1 |
| Iron | 30000 | J3 | 200 | 50 | ug/L | - | 01/10/12 07:33 | 01/13/12 08:38 | 1 |
| Sodium | 26 | | 0.50 | 0.31 | mg/L | - | 01/10/12 07:33 | 01/13/12 08:38 | 1 |



General Chemistry

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Chloride | 59 | | 5.0 | 2.0 | mg/L | - | | 01/11/12 17:12 | 10 |
| Ammonia as N | 1.8 | | 0.020 | 0.010 | mg/L | - | | 01/09/12 19:25 | 1 |
| Total Dissolved Solids | 240 | | 10 | 10 | mg/L | - | | 01/12/12 12:03 | 1 |

Method: Field Sampling - Field Sampling

| Analyte | Result | Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|--------|-----------|-----|-----|-----------|---|----------|----------------|---------|
| Field pH | 5.66 | | | | SU | - | | 01/06/12 10:23 | 1 |
| Field Temperature | 21.97 | | | | Degrees C | - | | 01/06/12 10:23 | 1 |
| Oxygen, Dissolved | 0.66 | | | | mg/L | - | | 01/06/12 10:23 | 1 |
| Specific Conductance | 474 | | | | umhos/cm | - | | 01/06/12 10:23 | 1 |
| Turbidity | 16.8 | | | | NTU | - | | 01/06/12 10:23 | 1 |

QC Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-119537/1-A
Matrix: Water
Analysis Batch: 119543

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 119537

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/06/12 08:42 | 01/06/12 13:45 | 1 |
| Iron | 50 | U | 200 | 50 | ug/L | | 01/06/12 08:42 | 01/06/12 13:45 | 1 |
| Sodium | 0.31 | U | 0.50 | 0.31 | mg/L | | 01/06/12 08:42 | 01/06/12 13:45 | 1 |



Lab Sample ID: LCS 660-119537/2-A
Matrix: Water
Analysis Batch: 119543

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 119537

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------|-------------|------------|---------------|------|---|------|--------------|
| Arsenic | 1000 | 1040 | | ug/L | | 104 | 75 - 125 |
| Iron | 1000 | 1020 | | ug/L | | 102 | 75 - 125 |
| Sodium | 10.0 | 9.65 | | mg/L | | 96 | 75 - 125 |

Lab Sample ID: 660-45511-A-1-B MS
Matrix: Water
Analysis Batch: 119543

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 119537

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| Arsenic | 12 | | 1000 | 1040 | | ug/L | | 103 | 75 - 125 |
| Iron | 1300 | | 1000 | 2320 | | ug/L | | 101 | 75 - 125 |
| Sodium | 5.6 | | 10.0 | 15.2 | | mg/L | | 96 | 75 - 125 |

Lab Sample ID: 660-45511-A-1-C MSD
Matrix: Water
Analysis Batch: 119543

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 119537

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| Arsenic | 12 | | 1000 | 1050 | | ug/L | | 104 | 75 - 125 | 1 | 20 |
| Iron | 1300 | | 1000 | 2330 | | ug/L | | 102 | 75 - 125 | 0 | 20 |
| Sodium | 5.6 | | 10.0 | 15.4 | | mg/L | | 97 | 75 - 125 | 1 | 20 |

Lab Sample ID: MB 660-119640/1-A
Matrix: Water
Analysis Batch: 119823

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 119640

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| Arsenic | 4.0 | U | 10 | 4.0 | ug/L | | 01/10/12 07:33 | 01/13/12 08:28 | 1 |
| Iron | 50 | U | 200 | 50 | ug/L | | 01/10/12 07:33 | 01/13/12 08:28 | 1 |
| Sodium | 0.31 | U | 0.50 | 0.31 | mg/L | | 01/10/12 07:33 | 01/13/12 08:28 | 1 |

Lab Sample ID: LCS 660-119640/2-A
Matrix: Water
Analysis Batch: 119823

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 119640

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------|-------------|------------|---------------|------|---|------|--------------|
| Arsenic | 1000 | 1060 | | ug/L | | 106 | 75 - 125 |
| Iron | 1000 | 1050 | | ug/L | | 105 | 75 - 125 |
| Sodium | 10.0 | 10.2 | | mg/L | | 102 | 75 - 125 |

QC Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 660-45578-1 MS

Matrix: Water

Analysis Batch: 119823

Client Sample ID: TH-74 WACS# 28307

Prep Type: Total Recoverable

Prep Batch: 119640

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. | |
|---------|--------|-----------|-------|--------|-----------|------|---|------|----------|--|
| | Result | Qualifier | Added | Result | Qualifier | | | | Limits | |
| Arsenic | 4.0 | U | 1000 | 1090 | | ug/L | | 109 | 75 - 125 | |
| Iron | 30000 | J3 | 1000 | 30900 | | ug/L | | 76 | 75 - 125 | |
| Sodium | 26 | | 10.0 | 36.4 | | mg/L | | 101 | 75 - 125 | |



Lab Sample ID: 660-45578-1 MSD

Matrix: Water

Analysis Batch: 119823

Client Sample ID: TH-74 WACS# 28307

Prep Type: Total Recoverable

Prep Batch: 119640

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | | RPD | |
|---------|--------|-----------|-------|--------|-----------|------|---|------|----------|--|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | Limits | | RPD | Limit |
| Arsenic | 4.0 | U | 1000 | 1080 | | ug/L | | 108 | 75 - 125 | | 1 | 20 |
| Iron | 30000 | J3 | 1000 | 30400 | J3 | ug/L | | 21 | 75 - 125 | | 2 | 20 |
| Sodium | 26 | | 10.0 | 35.7 | | mg/L | | 94 | 75 - 125 | | 2 | 20 |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 660-119751/3

Matrix: Water

Analysis Batch: 119751

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB | MB | PQL | MDL | Unit | D | Prepared | Analyzed | Oil Fac |
|----------|--------|-----------|------|------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Chloride | 0.20 | U | 0.50 | 0.20 | mg/L | | | 01/11/12 08:57 | 1 |

Lab Sample ID: LCS 660-119751/4

Matrix: Water

Analysis Batch: 119751

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | %Rec. | |
|----------|-------------|--------|-----------|------|---|------|----------|--|
| | | Result | Qualifier | | | | Limits | |
| Chloride | 10.0 | 10.6 | | mg/L | | 106 | 90 - 110 | |

Lab Sample ID: 660-45578-1 MS

Matrix: Water

Analysis Batch: 119751

Client Sample ID: TH-74 WACS# 28307

Prep Type: Total/NA

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. | |
|----------|--------|-----------|-------|--------|-----------|------|---|------|----------|--|
| | Result | Qualifier | Added | Result | Qualifier | | | | Limits | |
| Chloride | 59 | | 100 | 162 | | mg/L | | 104 | 90 - 110 | |

Lab Sample ID: 660-45578-1 MSD

Matrix: Water

Analysis Batch: 119751

Client Sample ID: TH-74 WACS# 28307

Prep Type: Total/NA

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | | RPD | |
|----------|--------|-----------|-------|--------|-----------|------|---|------|----------|--|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | Limits | | RPD | Limit |
| Chloride | 59 | | 100 | 167 | | mg/L | | 109 | 90 - 110 | | 3 | 30 |

Lab Sample ID: MB 660-119752/3

Matrix: Water

Analysis Batch: 119752

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB | MB | PQL | MDL | Unit | D | Prepared | Analyzed | Oil Fac |
|----------|--------|-----------|------|------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Chloride | 0.20 | U | 0.50 | 0.20 | mg/L | | | 01/11/12 18:51 | 1 |

QC Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 660-119752/4
Matrix: Water
Analysis Batch: 119752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|-------------|------------|---------------|------|---|------|--------------|
| Chloride | 10.0 | 10.5 | | mg/L | | 105 | 90 - 110 |

Lab Sample ID: 660-45627-B-1 MS ^10
Matrix: Water
Analysis Batch: 119752

Client Sample ID: Matrix Spike
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| Chloride | 150 | J3 | 100 | 265 | J3 | mg/L | | 111 | 90 - 110 |

Lab Sample ID: 660-45627-B-1 MSD ^10
Matrix: Water
Analysis Batch: 119752

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| Chloride | 150 | J3 | 100 | 257 | | mg/L | | 103 | 90 - 110 | 3 | 30 |

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 660-119631/3
Matrix: Water
Analysis Batch: 119631

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------|-----------|--------------|-------|-------|------|---|----------|----------------|---------|
| Ammonia as N | 0.010 | U | 0.020 | 0.010 | mg/L | | | 01/09/12 19:01 | 1 |

Lab Sample ID: LCS 660-119631/4
Matrix: Water
Analysis Batch: 119631

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------|-------------|------------|---------------|------|---|------|--------------|
| Ammonia as N | 0.500 | 0.536 | | mg/L | | 107 | 90 - 110 |

Lab Sample ID: 660-45483-A-13 MS
Matrix: Water
Analysis Batch: 119631

Client Sample ID: Matrix Spike
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| Ammonia as N | 0.048 | | 1.00 | 1.03 | | mg/L | | 98 | 90 - 110 |

Lab Sample ID: 660-45483-A-13 MSD
Matrix: Water
Analysis Batch: 119631

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| Ammonia as N | 0.048 | | 1.00 | 1.04 | | mg/L | | 99 | 90 - 110 | 1 | 30 |

QC Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: MB 660-119635/3
Matrix: Water
Analysis Batch: 119635

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------|--------------|-----------------|-------|-------|------|---|----------|----------------|---------|
| Ammonia as N | 0.010 | U | 0.020 | 0.010 | mg/L | | | 01/09/12 19:44 | 1 |

Lab Sample ID: LCS 660-119635/4
Matrix: Water
Analysis Batch: 119635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------|----------------|---------------|------------------|------|---|------|-----------------|
| Ammonia as N | 0.500 | 0.540 | | mg/L | | 108 | 90 - 110 |

Lab Sample ID: 660-45526-C-2 MS
Matrix: Water
Analysis Batch: 119635

Client Sample ID: Matrix Spike
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|-----------------|
| Ammonia as N | 1.2 | J3 | 1.00 | 2.05 | J3 | mg/L | | 89 | 90 - 110 |

Lab Sample ID: 660-45526-C-2 MSD
Matrix: Water
Analysis Batch: 119635

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD Limit |
|--------------|------------------|---------------------|----------------|---------------|------------------|------|---|------|-----------------|--------------|
| Ammonia as N | 1.2 | J3 | 1.00 | 2.06 | | mg/L | | 90 | 90 - 110 | 0 30 |

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 660-119559/1
Matrix: Water
Analysis Batch: 119559

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------------|-----------------|-----|-----|------|---|----------|----------------|---------|
| Total Dissolved Solids | 5.0 | U | 5.0 | 5.0 | mg/L | | | 01/06/12 14:00 | 1 |

Lab Sample ID: LCS 660-119559/2
Matrix: Water
Analysis Batch: 119559

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|------------------------|----------------|---------------|------------------|------|---|------|-----------------|
| Total Dissolved Solids | 10000 | 9980 | | mg/L | | 100 | 80 - 120 |

Lab Sample ID: 660-45526-B-1 DU
Matrix: Water
Analysis Batch: 119559

Client Sample ID: Duplicate
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD Limit |
|------------------------|------------------|---------------------|--------------|-----------------|------|---|--------------|
| Total Dissolved Solids | 610 | | 660 | | mg/L | | 8 20 |

QC Sample Results

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 660-119773/1

Matrix: Water

Analysis Batch: 119773

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB MB | | PQL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Total Dissolved Solids | 5.0 | U | 5.0 | 5.0 | mg/L | | | 01/12/12 12:03 | 1 |

Lab Sample ID: LCS 660-119773/2

Matrix: Water

Analysis Batch: 119773

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS LCS | | Unit | D | %Rec | %Rec. Limits | |
|------------------------|-------------|---------|-----------|------|---|------|--------------|--|
| | | Result | Qualifier | | | | | |
| Total Dissolved Solids | 10000 | 9910 | | mg/L | | 99 | 80 - 120 | |

Lab Sample ID: 660-45576-AD-1 DU

Matrix: Water

Analysis Batch: 119773

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte | Sample Sample | | DU DU | | Unit | D | RPD | RPD Limit |
|------------------------|---------------|-----------|--------|-----------|------|---|-----|-----------|
| | Result | Qualifier | Result | Qualifier | | | | |
| Total Dissolved Solids | 810 | | 820 | | mg/L | | 1 | 20 |

QC Association Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

Metals

Prep Batch: 119537

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-------------------|--------|--------|------------|
| 660-45511-A-1-B MS | Matrix Spike | Total Recoverable | Water | 3005A | |
| 660-45511-A-1-C MSD | Matrix Spike Duplicate | Total Recoverable | Water | 3005A | |
| 660-45526-6 | TH-75 WACS#28308 | Total Recoverable | Water | 3005A | |
| LCS 660-119537/2-A | Lab Control Sample | Total Recoverable | Water | 3005A | |
| MB 660-119537/1-A | Method Blank | Total Recoverable | Water | 3005A | |

Analysis Batch: 119543

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-------------------|--------|--------|------------|
| 660-45511-A-1-B MS | Matrix Spike | Total Recoverable | Water | 6010B | 119537 |
| 660-45511-A-1-C MSD | Matrix Spike Duplicate | Total Recoverable | Water | 6010B | 119537 |
| 660-45526-6 | TH-75 WACS#28308 | Total Recoverable | Water | 6010B | 119537 |
| LCS 660-119537/2-A | Lab Control Sample | Total Recoverable | Water | 6010B | 119537 |
| MB 660-119537/1-A | Method Blank | Total Recoverable | Water | 6010B | 119537 |



Prep Batch: 119640

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 660-45578-1 | TH-74 WACS# 28307 | Total Recoverable | Water | 3005A | |
| 660-45578-1 MS | TH-74 WACS# 28307 | Total Recoverable | Water | 3005A | |
| 660-45578-1 MSD | TH-74 WACS# 28307 | Total Recoverable | Water | 3005A | |
| LCS 660-119640/2-A | Lab Control Sample | Total Recoverable | Water | 3005A | |
| MB 660-119640/1-A | Method Blank | Total Recoverable | Water | 3005A | |

Analysis Batch: 119823

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 660-45578-1 | TH-74 WACS# 28307 | Total Recoverable | Water | 6010B | 119640 |
| 660-45578-1 MS | TH-74 WACS# 28307 | Total Recoverable | Water | 6010B | 119640 |
| 660-45578-1 MSD | TH-74 WACS# 28307 | Total Recoverable | Water | 6010B | 119640 |
| LCS 660-119640/2-A | Lab Control Sample | Total Recoverable | Water | 6010B | 119640 |
| MB 660-119640/1-A | Method Blank | Total Recoverable | Water | 6010B | 119640 |

General Chemistry

Analysis Batch: 119559

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|----------|------------|
| 660-45526-6 | TH-75 WACS#28308 | Total/NA | Water | SM 2540C | |
| 660-45526-B-1 DU | Duplicate | Total/NA | Water | SM 2540C | |
| LCS 660-119559/2 | Lab Control Sample | Total/NA | Water | SM 2540C | |
| MB 660-119559/1 | Method Blank | Total/NA | Water | SM 2540C | |

Analysis Batch: 119631

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 660-45483-A-13 MS | Matrix Spike | Total/NA | Water | 350.1 | |
| 660-45483-A-13 MSD | Matrix Spike Duplicate | Total/NA | Water | 350.1 | |
| 660-45578-1 | TH-74 WACS# 28307 | Total/NA | Water | 350.1 | |
| LCS 660-119631/4 | Lab Control Sample | Total/NA | Water | 350.1 | |
| MB 660-119631/3 | Method Blank | Total/NA | Water | 350.1 | |

Analysis Batch: 119635

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 660-45526-6 | TH-75 WACS#28308 | Total/NA | Water | 350.1 | |
| 660-45526-C-2 MS | Matrix Spike | Total/NA | Water | 350.1 | |
| 660-45526-C-2 MSD | Matrix Spike Duplicate | Total/NA | Water | 350.1 | |

QC Association Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

General Chemistry (Continued)

Analysis Batch: 119635 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| LCS 660-119635/4 | Lab Control Sample | Total/NA | Water | 350.1 | |
| MB 660-119635/3 | Method Blank | Total/NA | Water | 350.1 | |

Analysis Batch: 119751

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 660-45578-1 | TH-74 WACS# 28307 | Total/NA | Water | 300.0 | |
| 660-45578-1 MS | TH-74 WACS# 28307 | Total/NA | Water | 300.0 | |
| 660-45578-1 MSD | TH-74 WACS# 28307 | Total/NA | Water | 300.0 | |
| LCS 660-119751/4 | Lab Control Sample | Total/NA | Water | 300.0 | |
| MB 660-119751/3 | Method Blank | Total/NA | Water | 300.0 | |

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Analysis Batch: 119752

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|------------------------|-----------|--------|--------|------------|
| 660-45526-6 | TH-75 WACS#28308 | Total/NA | Water | 300.0 | |
| 660-45627-B-1 MS ^10 | Matrix Spike | Total/NA | Water | 300.0 | |
| 660-45627-B-1 MSD ^10 | Matrix Spike Duplicate | Total/NA | Water | 300.0 | |
| LCS 660-119752/4 | Lab Control Sample | Total/NA | Water | 300.0 | |
| MB 660-119752/3 | Method Blank | Total/NA | Water | 300.0 | |

Analysis Batch: 119773

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|----------|------------|
| 660-45578-1 | TH-74 WACS# 28307 | Total/NA | Water | SM 2540C | |
| 660-45576-AD-1 DU | Duplicate | Total/NA | Water | SM 2540C | |
| LCS 660-119773/2 | Lab Control Sample | Total/NA | Water | SM 2540C | |
| MB 660-119773/1 | Method Blank | Total/NA | Water | SM 2540C | |

Field Service / Mobile Lab

Analysis Batch: 119553

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------------|------------|
| 660-45526-6 | TH-75 WACS#28308 | Total/NA | Water | Field Sampling | |

Analysis Batch: 119592

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|-------------------|-----------|--------|----------------|------------|
| 660-45578-1 | TH-74 WACS# 28307 | Total/NA | Water | Field Sampling | |

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

Client Sample ID: TH-75 WACS#28308

Lab Sample ID: 660-45526-6

Date Collected: 01/05/12 10:35

Matrix: Water

Date Received: 01/05/12 14:10

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119537 | 01/06/12 08:42 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119543 | 01/06/12 14:56 | GF | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119559 | 01/06/12 14:04 | TO | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119635 | 01/09/12 19:54 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 1 | 119752 | 01/11/12 23:32 | TS | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119553 | 01/05/12 10:35 | | TAL TAM |

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Client Sample ID: TH-74 WACS# 28307

Lab Sample ID: 660-45578-1

Date Collected: 01/06/12 10:23

Matrix: Water

Date Received: 01/06/12 14:25

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|----------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total Recoverable | Prep | 3005A | | | 119640 | 01/10/12 07:33 | GF | TAL TAM |
| Total Recoverable | Analysis | 6010B | | 1 | 119823 | 01/13/12 08:38 | GF | TAL TAM |
| Total/NA | Analysis | 350.1 | | 1 | 119631 | 01/09/12 19:25 | TO | TAL TAM |
| Total/NA | Analysis | 300.0 | | 10 | 119751 | 01/11/12 17:12 | TS | TAL TAM |
| Total/NA | Analysis | SM 2540C | | 1 | 119773 | 01/12/12 12:03 | TO | TAL TAM |
| Total/NA | Analysis | Field Sampling | | 1 | 119592 | 01/06/12 10:23 | | TAL TAM |

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

| Laboratory | Authority | Program | EPA Region | Certification ID |
|-------------------|-----------|---------------|------------|------------------|
| TestAmerica Tampa | Alabama | State Program | 4 | 40610 |
| TestAmerica Tampa | Florida | NELAC | 4 | E84282 |
| TestAmerica Tampa | Georgia | State Program | 4 | 905 |
| TestAmerica Tampa | USDA | USDA | | P330-11-00177 |

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

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Method Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

| Method | Method Description | Protocol | Laboratory |
|----------------|-------------------------------|----------|------------|
| 6010B | Metals (ICP) | SW846 | TAL TAM |
| 300.0 | Anions, Ion Chromatography | MCAWW | TAL TAM |
| 350.1 | Nitrogen, Ammonia | MCAWW | TAL TAM |
| SM 2540C | Solids, Total Dissolved (TDS) | SM | TAL TAM |
| Field Sampling | Field Sampling | EPA | TAL TAM |

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427



Sample Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: SELF MWs,SS,Private Wells,NPDES

TestAmerica Job ID: 660-45526-2

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|-------------------|--------|----------------|----------------|
| 660-45526-6 | TH-75 WACS#28308 | Water | 01/05/12 10:35 | 01/05/12 14:10 |
| 660-45578-1 | TH-74 WACS# 28307 | Water | 01/06/12 10:23 | 01/06/12 14:25 |

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660-45526

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____

REP. OF CONTRACT LAB. _____

ACCEPTED BY: Jim ClaptonREP. OF SOLID WASTE DEPT. 12.30.11 | 10:00LOCATION: TH-75 WACS# 28308SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ JC ☐WELL DIAMETER: 2 INCH:TOTAL DEPTH OF WELL: 17.00 Ft.DEPTH TO WATER: 8.07 Ft.LENGTH OF WATER COL: 8.93 Ft.VOLUME TO PURGE: 1.42 Gal.

PURGE STARTED:

DATE | TIME
1.5.12 | 10:24

PURGE RATE:

0.20 GPM.

PURGE ENDED:

DATE | TIME
1.5.12 | 10:35

ACT. VOL. PURGED:

2.20 GAL.

Draw Down:

8.50

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|--------|
| AB JC | 10:31 | 21.72 | 298 | 5.41 | 0.94 | 23.1 = |
| AB JC | 10:33 | 21.70 | 300 | 5.41 | 0.91 | 22.5 |
| AB JC | 10:35 | 21.69 | 300 | 5.38 | 0.92 | 18.9 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens _____

COLLECTED

DATE | TIME

1.5.12 | 10:25

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim Clapton

REP. OF SOLID WASTE DEPT.

DATE | TIME

1.5.12 | 2:10ACCEPTED BY: Jim Clapton

REP. OF CONTRACT LAB.

1.5.12 | 2:10COMMENT'S: W0 # 00545.0 cu. ft

660-45578

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE C&C SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY:

REP. OF CONTRACT LAB.

ACCEPTED BY:

Jim ClaggettREP. OF SOLID WASTE DEPT. 12.30.11 | 10:00LOCATION: TH-74 WACS# 28307SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ J.C. ☐WELL DIAMETER: 2 INCH:TOTAL DEPTH OF WELL: 17.00 Ft.DEPTH TO WATER: 10.24 Ft.LENGTH OF WATER COL: 6.76 Ft.VOLUME TO PURGE: 1.08 Gal.

PURGE STARTED:

1.6.12 | 10:12

PURGE RATE:

0.15 GPM.

PURGE ENDED:

1.6.12 | 10:23

ACT. VOL. PURGED:

1.65 GAL.

Draw Down:

10.74

FIELD PARAMETERS:

| BY | TIME | TEMP | COND | PH | DO | TURB |
|-------|-------|-------|------|------|------|--------|
| AB JC | 10:19 | 21.97 | 478 | 5.70 | 0.80 | 28.6 = |
| AB JC | 10:21 | 21.94 | 476 | 5.68 | 0.73 | 23.0 |
| AB JC | 10:23 | 21.97 | 474 | 5.44 | 0.66 | 14.8 |

SAMPLE CONTAINERS

| QTY | CONTAINER DESCRIPTION | QTY | CONTAINER DESCRIPTION | PRESERVED |
|-----|-----------------------|-----|-----------------------|-----------|
| | 40 ml VIAL | | 40 ml VIAL | |
| 1 | 125 ml. PLASTIC | | 125 ml. PLASTIC | |
| | 125 ml GLASS | | 125 ml GLASS | |
| | 250 ml. PLASTIC | 2 | 250 ml. PLASTIC | |
| | 250 ml. GLASS | | 250 ml. GLASS | |
| 1 | 500 ml. PLASTIC | | 500 ml. PLASTIC | |
| | 500 ml. GLASS | | 500 ml. GLASS | |
| | LITER PLASTIC | | LITER PLASTIC | |
| | LITER GLASS | | LITER GLASS | |
| | BACTERIAL | | BACTERIAL | |

4 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens _____

COLLECTED

DATE | TIME

1.6.12 | 10:23

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron ArsenicPRESERVED SAMPLES PH < 2.0 ☒SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

Jim Claggett

REP. OF SOLID WASTE DEPT.

DATE | TIME

ACCEPTED BY:

John Smith

REP. OF CONTRACT LAB.

1.6.12 | 2:25COMMENT'S: W0# 00542.2 c U-07

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-45526-2

Login Number: 45526

List Source: TestAmerica Tampa

List Number: 1

Creator: Redding, Charles S

| Question | Answer | Comment |
|--|--------|------------|
| Radioactivity either was not measured or, if measured, is at or below background | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | 5.0c CU-07 |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | N/A | |
| Residual Chlorine Checked. | N/A | |

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Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-45526-2

Login Number: 45578

List Source: TestAmerica Tampa

List Number: 1

Creator: Snead, Joshua

| Question | Answer | Comment |
|--|--------|-----------|
| Radioactivity either was not measured or, if measured, is at or below background | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 2.2c Cu07 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | N/A | |
| Residual Chlorine Checked. | N/A | |

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