Agreement Log #: KRP-11-001

## Non-Time-Critical Concurrence

**Area:** North Embayment, Area covered by Grids 1-D, 1-E, 1-J, 1-K, & 2-C

**Agreement:**

Ash removal has been completed or was not required in the North Embayment area delineated by Grids 1-D, 1-E, 1-J, 1-K, & 2-C

**Attachments:**
Attachment 1, RSI Sampling Log
Attachment 2, Polarized Light Microscopy Results from RJ Lee Laboratory

**Figures:**
Figure 1, Area Photo
Figure 2, North Embayment Grids - Cleared
FIG-NESAM-02, North Embayment Sample Grid Locations

**Concurrence Comments:**

Jacobs Project Manager — 05/10/2011 Date

Tennessee Valley Authority — 5/12/2011 Date

U. S. Environmental Protection Agency (CONSULT W/TDEC) — 5/19/2011 Date

TVA JACOBS

Date: 021011 Weather: Sunny, 38 deg F North Embayment

Crew: Greg Schwartz (RSI), Ed Arnold (RSI), Emma Hickey (RSI), Russ Vance (RSI), Mark Greer (RSI), Gib Frye (RSI)

| Core # | Core Coordinates | Time | Core Description | Interval (in) | Ash % | TVA Field PLM Laboratory Results | Lab Method |
|---|---|---|---|---|---|---|---|
| KIF-NEMBAY_1D2-SED-021011-A | N: 561204.4' E: 2430387.39' | 1340 | Brown loam w/ chert | 0" - 6" | | KM-NE-1003-02 | PLM |
| Notes: Total Recovery 16" | | | | | <50 | Visual observation only - Brown soil, no water | |
| | | | Total Depth | 16" | | | |
| KIF-NEMBAY_1D2_A-SED-021011-A | N: 561204.4' E: 2430387.39' | 1340 | Clay and loam w/ chert | 6" - 16" | | KM-NE-1003-01 | |
| Notes: Total recovery is 16" | | | | | <50 | Visual observation only - Brown soil, no water | |
| | | | Total Depth | 16" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (ft) | | | Visual |
| KIF-NEMBAY_1D4-SED-021011-A | N: 561100.71' E: 2439213.98' | 1409 | Brown loam w/ chert | 0" - 17" | | KM-NE-1001-03 | |
| Notes: Total Recovery 17" | | | | | <50 | Visual observation only, - Dark brown with lots of sand and some gravels, no water. | |
| | | | Total Depth | 17" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (ft) | | | Visual |
| KIF-NEMBAY_1D1-SED-021011-A | N: 561200.64' E: 2439210.22' | 1423 | Clay loam w/ chert and organics | 0 ' - 21 ' | | KM-NE-1001-04 | |
| Notes: Total Recovery 21" | | | | | <50 | Brown soil with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There is no ash. | |
| | | | Total Depth | 21" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (ft) | | | PLM |
| KIF-NEMBAY_1E2-SED-021011-A | N: 561104.94' E: 2439014.45' | 1430 | Clay loam w/ chert | 0" - 16" | | KM-NE-1001-05 | |
| Notes: Total Recovery 16" | | | | | <50 | Brown soil with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There is no ash. | |
| | | | Total Depth | 16" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (ft) | | | PLM |
| KIF-NEMBAY_1E3-SED-021011-A | N: 561067.87' E: 2439115.92' | 1436 | Brown fines | 0 - 6" | | KM-NE-1001-06 | |
| Notes: Total Recovery 16" | | | | | <50 | Visual observation only - Dark brown with lots of sand and gravels, no water. | |
| | | | Total Depth | | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (ft) | | | Visual |
| KIF-NEMBAY_1E3_A-SED-021011-A | N: 561067.87' E: 2439115.92' | 1436 | Clay loam w/ chert | 6" - 16" | | KM-NE-1001-07 | |
| Notes: Total Recovery 16" | | | | | <50 | Visual observation only - Dark brown with lots of sand and gravels, no water. | |
| | | | Total Depth | 16" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (ft) | | | Visual |
| KIF-NEMBAY_1E4-SED-021011-A | N: 561064.11' E: 2439015.99' | 1458 | Clay w/ loam and chert | 0 - 15" | | KM-NE-1001-08 | |
| Notes: Total Recovery 15" | | | | | <50 | Brown soil with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There is no ash. | |
| | | | Total Depth | 15" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (ft) | | | PLM |
| KIF-NEMBAY_1E1-SED-021011-A | N: 561104.94' E: 2439014.45' | 1508 | Orange clay w/ loam and chert | 0" - 20" | | KM-NE-1001-09 | |
| Notes: Total Recovery 20" | | | | | <50 | Brown soil with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There is no ash. | |
| | | | Total Depth | 20" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (ft) | | | PLM |
| KIF-NEMBAY_1J1-SED-021011-A | N: 560993.25' E: 2439017.89' | 1515 | Brown fines | 0" - 4" | | KM-NE-1001-10 | |
| Notes: Total Recovery 15" | | | | | <50 | Brown soil with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There is no ash. | |
| | | | Total Depth | 15" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (ft) | | | Visual |
| KIF-NEMBAY_1J1_A-SED-021011-A | N: 560993.25' E: 2439017.89' | 1515 | Clay w/ fines and chert | 4" - 15" | | KM-NE-1001-11 | |
| Notes: Total Recovery 15" | | | | | <50 | Brown with lots of sand and gravels, no water. | |
| | | | Total Depth | 15" | | | |

# JACOBS

Date: 02/15/2011 Weather: sunny with high of 61 deg F

Crew: Greg Schwartz, Travis Wells, Daniel Craze, Chad Fairkiss, Emma Hickey (AECOM)

North Embayment

| Core # | Core Coordinates | Time | Core Description | Interval (in) | Ash % | TVA Field PLM Laboratory Results | Lab Method |
|---|---|---|---|---|---|---|---|
| KIF-NEMBAY_2D1-SED-021511A | N 560578.04' E 2439868.89' | 1040 | Brown fines mixed organics | 0-9 | <50 | KM-NE-1003-2 | Visual |
| Notes: Total Recovery 19' | | | | | | | |
| | | | Total Depth: | 19' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_2D1_A-SED-021511-A | N 560578.04' E 2439868.89' | 1040 | Brown orange fine loam | 0-19 | | KM-NE-1003-1 | Visual |
| Notes: Total Recovery 19' | | | | | | | |
| | | | Total Depth: | 19' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_2D2-SED-021511-A | N 560578.9' E 2439868.53' | 1100 | Brown prange clay loam with few organics | 0-12 | <50 | KM-NE-1003-3 | Visual |
| Notes: Total Recovery 19' | | | | | | | |
| | | | Total Depth | 19' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_2D3-SED-021511-A | N 560510.79' E 2439891.09' | 1110 | Orange clay loam with few mixed organics | 0-12 | <50 | KM-NE-1003-4 | Visual |
| Notes: Total Recovery 18' | | | | | | | |
| | | | Total Depth | 18' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_2D4-SED-021511-A | N 560507.8' E 2439811.54' | 1120 | Brown clay loam with trace ash | 0-12 | <50 | KM-NE-1003-5 | Visual |
| Notes: Total Recovery 17' | | | | | | | |
| | | | Total Depth | 17' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_3A1-SED-021511-A | N 560437.95' E 2439824.55' | 1315 | Brown orange clay loam with trace amounts of ash throughout <50% | 0-12 | <50 | KM-NE-1003-6 | Visual |
| Notes: Total Recovery 19' | | | | | | | |
| | | | Total Depth | 19' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_3A2-SED-021511-A | N 560440.95' E 2439903.1' | 1325 | Brown orange sandy clay with redoxomorphic features | 0-12 | <50 | KM-NE-1003-7 | Visual |
| Notes: Total Recovery 16' | | | | | | | |
| | | | Total Depth | 16' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_3A3-SED-021511-A | N 560406.42' E 2439902.63' | 1330 | Brown loam with trace ash and few organics (<50%) | 0-6 | <50 | KM-NE-1003-8 | Visual |
| Notes: Total Recovery 20' | | | | | | | |
| | | | Total Depth | 20' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_3A3_A-SED-021511-A | N 560406.42' E 2439902.63' | 1330 | Red orange clay and sand loam | 6-12 | <50 | KM-NE-1003-9 | Visual |
| Notes: Total Recovery 20' | | | | | | | |
| | | | Total Depth | 20' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_3A4-SED-021511-A | N 560339.72' E 2439827.26' | 1358 | orange brown loam with m ixed organic material | 0-12 | <50 | KM-NE-1003-10 | Visual |
| Notes: Total Recovery 17' | | | | | | | |
| | | | Total Depth | 17' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_2H1-SED-021511-A | N 560594.84' E 2439042.34' | 1424 | Brown fines with few gravel | 0-8 | <50 | KM-NE-1003-11 | Visual |
| Notes: Total Recovery 23' | | | | | | | |
| | | | Total Depth | 23' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_2H1_A-SED-021511-A | N 560594.84' E 2439042.34' | 1424 | Orange brown clay loam | 8-12 | <50 | KM-NE-1003-12 | Visual |
| Notes: Total Recovery 23' | | | | | | | |
| | | | Total Depth | 23' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_2H3-SED-021511-A | N 560497.37' E 2439136.65' | 1438 | Orange clay loam with few chert mixed with ash throughout | 0-12 | >50 | KM-NE-1003-13<br>Dark brown soil, no water but appears to have ash. There are lots of ash. | PLM |
| Notes: Total Recovery 17' | | | | | | | |
| | | | Total Depth | 17' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_2H4-SED-021511-A | N 560494.26' E 2439054.05' | 1448 | Red brown loam with mixed gravel | 0-12 | <50 | KM-NE-1003-14 | Visual |
| Notes: Total Recovery 13' | | | | | | | |
| | | | Total Depth | 13' | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_2H2-SED-021511-A | N 560597.3' E 2439132.88' | 1504 | Brown orange clay loam with few gravel | 0-12 | <50 | KM-NE-1003-15 | Visual |
| Notes: Total Recovery 22' | | | | | | | |
| | | | Total Depth | 22' | | | |

# JACOBS

Date: 03/11/11 Weather: Sunny 43 deg F **North Embayment**

Crew: Greg Schwartz(RSI) Russ Vance (RSI) Gib Frye (RSI) Emma Hickey (RSI) Ed Arnold (RSI)

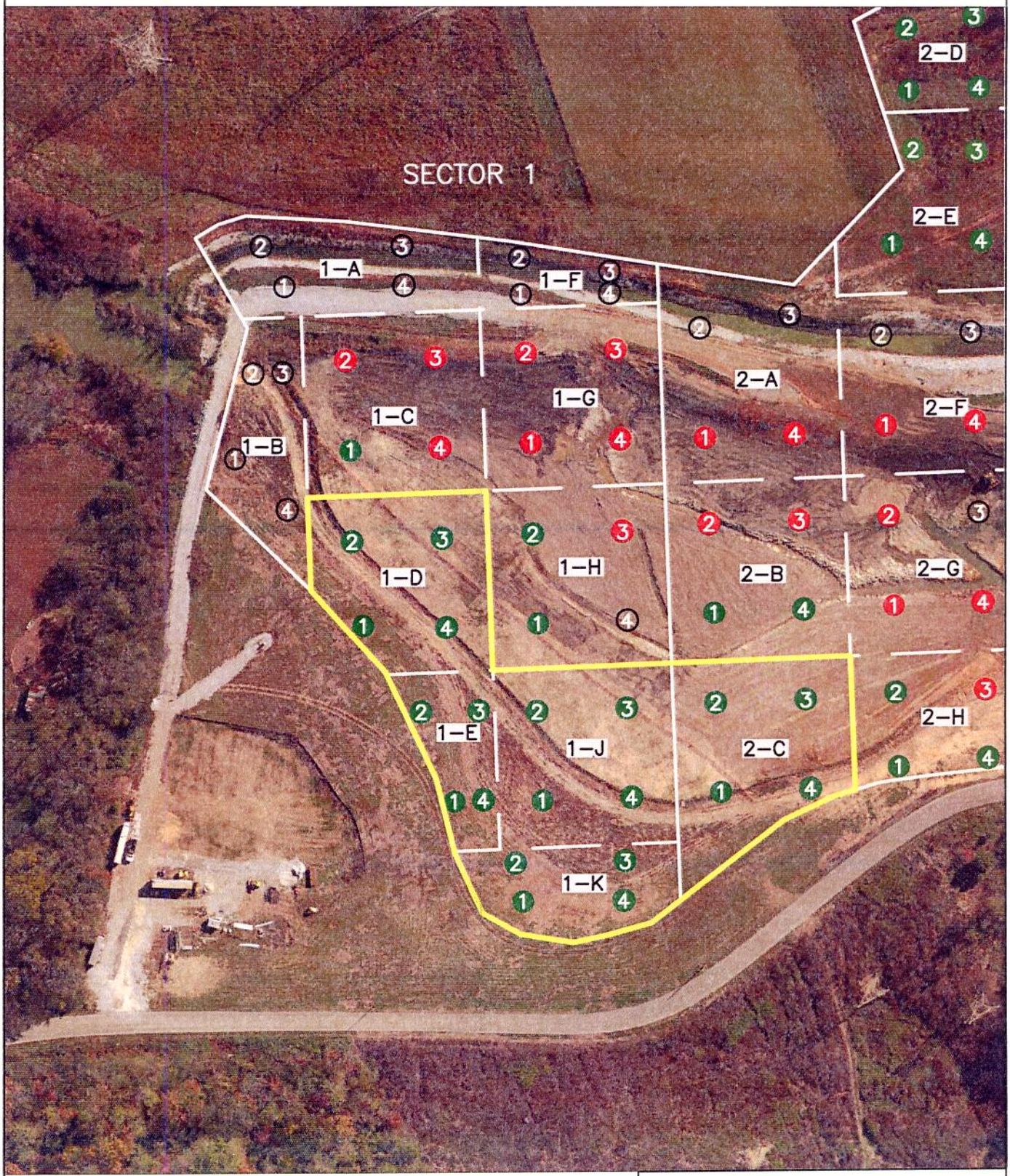
| Core # | Core Coordinates | Time | Core Description | Interval (in) | Ash % | TVA Field PLM Laboratory Results | Lab Method |
|---|---|---|---|---|---|---|---|
| KIF-NEMBAY_1D3-SED-021111 | N 561104.48' E 2439313.91' | 1015 | Clay and loam w/ chert | 0" - 10" | <50 | KM-NE-1002-1<br>Light brown muddy with lots of gravels, no water | Visual |
| Notes: Total Recovery 10". Core met refusal. | | | | | | | |
| | | | Total Depth | 10" | | | |
| KIF-NEMBAY_2C2-SED-021111 | N 560797.10' E 2439123.39' | 1040 | Redoximorphic soil | 0" - 20" | <50 | KM-NE-1002-2<br>Light gray mud with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There is no ash. | PLM |
| Notes: Total Recovery 20" | | | | | | | |
| | | | Total Depth | 20" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | Visual |
| KIF-NEMBAY_2C3-SED-021111-A | N 560697.23' E 2439129.11' | 1055 | Clay w/ loam and chert | 0" - 6" | <50 | KM-NE-1002-3<br>Visual observation only - brown with lots of sand and gravels, no water. | |
| Notes: Total Recovery 19" | | | | | | | |
| | | | Total Depth | 19" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | PLM |
| KIF-NEMBAY_2C3_A-021111-A | N 560697.23' E 2439129.11' | 1055 | Orange clay and loam | 6" - 19" | <50 | KM-NE-1002-4<br>Visual observation only - light brown muddy with lots of gravels, no water | |
| Notes: Total Recovery 19" | | | | | | | |
| | | | Total Depth | 19" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | PLM |
| KIF-NEMBAY_2C4-SED-021111-A | N 560693.46' E 2439029.19' | 1110 | Orange clay and loam w/ chert | 0" - 15" | <50 | KM-NE-1002-5<br>Brown soils with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There is very little ash. | |
| Notes: Total Recovery 15" | | | | | | | |
| | | | Total Depth | 15" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | Visual |
| KIF-NEMBAY_1J2-SED-021111-A | N 560997.02' E 2439117.82' | 1125 | Clay and loam w/ organics | 0" - 23" | <50 | KM-NE-1002-6<br>Visual observation only - light brown muddy with lots of gravels, no water. | |
| Notes: Total Recovery 23" | | | | | | | |
| | | | Total Depth | 23" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | Visual |
| KIF-NEMBAY_1J3-SED-021111-A | N 560897.09' E 2439121.58' | 1134 | Clay w/ sand and chert | 0" - 3" | <50 | KM-NE-1002-7<br>Visual observation only - light brown muddy with lots of gravels, no water. | |
| Notes: Total Recovery 20" | | | | | | | |
| | | | Total Depth | 20" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | Visual |
| KIF-NEMBAY_1J3_A-SED-021111-A | N 560897.09' E 2439121.58' | 1134 | Redoximorphic soil w/ clay | 3" - 20" | <50 | KM-NE-1002-8<br>Visual observation only - light brown muddy with lots of gravels, no water. | |
| Notes: Total Recovery 20" | | | | | | | |
| | | | Total Depth | 20" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | PLM |
| KIF-NEMBAY_2C1-SED-021111-A | N 560793.39' E 2439025.42' | 1150 | Brown fines with trace ash | 0" - 26" | <50 | KM-NE-1002-9<br>Brownish gray muddy with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There are some ash. | |
| Notes: Total Recovery 26" | | | | | | | |
| | | | Total Depth | 26" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | PLM |
| KIF-NEMBAY_1K1-SED-021111-A | N 561015.79' E 2438909.11' | 1209 | Brown loam with clay and gravel | 0" - 25" | <50 | KM-NE-1002-10<br>Brown soils with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There is no ash. | |
| Notes: Total Recovery 25" | | | | | | | |
| | | | Total Depth | 0" - 25" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | PLM |
| KIF-NEMBAY_1K2-SED-021111-A | N 560597.3' E 2439132.88' | 1215 | Brown loam with clay and organics | 0" - 20" | <50 | KM-NE-1002-11<br>Brown soils with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There is no ash. | |
| Notes: Total Recovery 20" | | | | | | | |
| | | | Total Depth | 0" - 20" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | PLM |
| KIF-NEMBAY_1K4-SED-021111-A | N 560494.26' E 2439054.05' | 1222 | Brown fines with chert | 0" - 17.5" | <50 | KM-NE-1002-12<br>Brown soils with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There is no ash. | |
| Notes: Total Recovery 17.5" | | | | | | | |
| | | | Total Depth | 0" - 17.5" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_1K3-SED-021111-A | N 560497.37' E 2439136.65' | 1230 | Brown loam with clay an chert | 0 - 25 | <50 | KM-NE-1002-13<br>Brown soils with sand and gravels but no water. There are lots of crystalline materials and some are optically active. There is no ash. | |
| Notes: Total Recovery 25" | | | | | | | |
| | | | Total Depth | 0 - 25 | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | PLM |
| KIF-NEMBAY_1J4-SED-021111-A | N 560893.32' E 2439021.65' | 1237 | Brown loam with ash | 0 - 7 | >50 | KM-NE-1002-14<br>Grayish brown soils with sand and gravels but no water. There are lots of crystalline materials an some are optically active. There is lots of ash. | |
| Notes: Total Recovery 21" | | | | | | | |
| | | | Total Depth | 21" | | | |
| Core # | Core Coordinates | Time | Core Description | Interval (in) | | | |
| KIF-NEMBAY_1J4_A-SED-021111-A | N 560893.32' E 2439021.65' | 1237 | Clay an loam with chert | 7" - 21" | <50 | KM-NE-1002-15<br>Visual observation only. Brown with lots of san and gravels. No water | |
| Notes: Total Recovery 21" | | | | | | | |
| | | | Total Depth | 21" | | | |

Polarized Light Microscopy Results from RJLEE Laboratory

| sample_name | sample_datetime | start_depth | end_depth | analytic_method | analysis_date | chemical_name | report_result_text | report_result_unit | report_result_limit | detect_flag |
|---|---|---|---|---|---|---|---|---|---|---|
| KIF-NEMBAY_1C1-SED-021111-B | 2/11/2011 | 0 | 12 | PLM | 2/21/2011 | % ASH | 5 | % | 1 | Y |
| KIF-NEMBAY_2C2-AED-021111-B | 2/11/2011 | 0 | 12 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_2C2-SED-021111-B | 2/11/2011 | 0 | 12 | PLM | 2/22/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_2C3_A-SED-021111-B | 2/11/2011 | 6 | 12 | PLM | 2/22/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_2C3-SED-021111-B | 2/11/2011 | 0 | 6 | PLM | 2/21/2011 | % ASH | 2 | % | 1 | Y |
| KIF-NEMBAY_2C4-SED-021111-B | 2/11/2011 | 0 | 12 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1D1-SED-021011-B | 2/10/2011 | 0 | 12 | PLM | 2/21/2011 | % ASH | 2 | % | 1 | Y |
| KIF-NEMBAY_1D2_A-SED-021011-B | 2/10/2011 | 6 | 12 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1D2-SED-021011-B | 2/10/2011 | 0 | 6 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1D3-SED-021111-B | 2/11/2011 | 0 | 10 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1D4-SED-021011-B | 2/10/2011 | 0 | 12 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1E1-SED-021011-B | 2/10/2011 | 0 | 12 | PLM | 2/21/2011 | % ASH | 1 | % | 1 | Y |
| KIF-NEMBAY_1E2-SED-021011-B | 2/10/2011 | 0 | 12 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1E3_A-SED-021011-B | 2/10/2011 | 6 | 12 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1E3-SED-021011-B | 2/10/2011 | 0 | 6 | PLM | 2/21/2011 | % ASH | 1 | % | 1 | Y |
| KIF-NEMBAY_1E4-SED-021011-B | 2/10/2011 | 0 | 12 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| QC-KIF-NEMBAY_1E4-SED-021011-B | 2/10/2011 | 0 | 12 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1J1_A-SED-021011-B | 2/10/2011 | 4 | 12 | PLM | 2/21/2011 | % ASH | 2 | % | 1 | Y |
| KIF-NEMBAY_1J1-SED-021011-B | 2/10/2011 | 0 | 4 | PLM | 2/21/2011 | % ASH | 3 | % | 1 | Y |
| KIF-NEMBAY_2D1_A-SED-021511-B | 2/15/2011 | 9 | 12 | PLM | 2/22/2011 | % ASH | 1 | % | 1 | Y |
| KIF-NEMBAY_2D1-SED-021511-B | 2/15/2011 | 0 | 9 | PLM | 2/22/2011 | % ASH | 5 | % | 1 | Y |
| KIF-NEMBAY_1J2-SED-021111-B | 2/11/2011 | 0 | 12 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1J3_A-SED-021111-B | 2/11/2011 | 3 | 12 | PLM | 2/22/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1J3-SED-021111-B | 2/11/2011 | 0 | 3 | PLM | 2/22/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1J4_A-SED-021111-B | 2/11/2011 | 7 | 12 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1J4-SED-021111-B | 2/11/2011 | 0 | 7 | PLM | 2/21/2011 | % ASH | 48 | % | 1 | Y |
| QC-KIF-NEMBAY_1J4_A-SED-021111-B | 2/11/2011 | 7 | 12 | PLM | 2/22/2011 | % ASH | 1 | % | 1 | Y |
| KIF-NEMBAY_1K1-SED-021111-B | 2/11/2011 | 0 | 12 | PLM | 2/21/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1K2-SED-021111-B | 2/11/2011 | 0 | 12 | PLM | 2/22/2011 | % ASH | < 1 | % | 1 | N |
| QC-KIF-NEMBAY_1K2-SED-021111-B | 2/11/2011 | 0 | 12 | PLM | 2/22/2011 | % ASH | < 1 | % | 1 | N |
| KIF-NEMBAY_1K3-SED-021111-B | 2/11/2011 | 0 | 12 | PLM | 2/22/2011 | % ASH | 3 | % | 1 | Y |
| KIF-NEMBAY_1K4-SED-021111-B | 2/11/2011 | 0 | 12 | PLM | 2/22/2011 | % ASH | 1 | % | 1 | Y |

Figure 1, Area Photo

# North Embayment Sampling - Cleared Grids - Concurrence #1




1 SAMPLE RESULTS SATISFACTORY

1 SAMPLE RESULTS UNSATISFACTORY

1 TO BE SAMPLED

CLEARED GRID BOUNDARY

N

0 75 150 300

SCALE IN FEET

JACOBS™

| 05/09/11 | Figure 2 |
|---|---|

SECTOR 1
SECTOR 2
SECTOR 3
SECTOR 4
SECTOR 5
SECTOR 6
SECTOR 7
1 SAMPLE RESULTS SATISFACTORY
1 SAMPLE RESULTS UNSATISFACTORY
1 TO BE SAMPLED
CLEARED GRIDS
0 100' 200' 300'
STATUS AS OF: 05/05/11
JACOBS
KINGSTON FOSSIL PLANT
TENNESSEE VALLEY AUTHORITY
NORTH EMBAYMENT SAMPLE GRID
SCALE: SHOWN
DRAWING NO.: FIG-NESAN-02
REV. NO.: A