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NAS JACKSONVILLE  
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PARTNERING TEAM MEETING MINUTES 17 JULY 2012 WITH UPCOMING MEETING  
AGENDA NAS JACKSONVILLE FL  
9/7/2012  
PARTNERING TEAM

# NAS JACKSONVILLE PARTNERING TEAM MEETING MINUTES

July 17<sup>th</sup> & 18<sup>th</sup>, 2012

Jacksonville, Florida

Attendees: Mark Peterson, day 1 only  
Adrienne Wilson - Chair  
Tim Curtin - Gate/Timekeeper  
Gus Campana, Facilitator  
Hal Davis, USGS  
Robbie Darby, NAVFAC SE Tier II  
David Grabka  
Eric Davis  
Pete Dao, day 1 via phone call  
Julie Johnson – Scribe  
Mike Singletary, NAVFAC SE  
Frank McInturff, Resolutions Consultants  
Mike Maughon, Tetra Tech  
Donald Hardison, Tetra Tech  
Alan Pate, Tetra Tech  
Shelby Anderson, NAVFAC SE

## **1.0 Team Meeting and Introduction**

- 1.1 Team member greeting, introductions, and check in – Done
- 1.2 Assignment of Team Roles: Chair – Adrienne Wilson;  
Gate/Timekeeper – Tim Curtin; Scribe – Julie Johnson
- 1.3 Read Team Ground Rules – Ground rules were read by team members and attendees.

## **2.0 Initial Agenda Items**

- 2.1 Review, submit revisions to, and reach consensus on previous meeting minutes. Done

**Consensus:** Team members approved the minutes from the May 2012 meeting.

- 2.2 Report on Assigned Action Items and Parking Lot Items. Done.
- 2.3 NAVFAC presents current budget execution plan. Adrienne said everything is awarded that was on the FY 12 plan. Adrienne will send out the FY13 plan once she receives it.

**Action Item:** Adrienne to check the MRP Preliminary Assessment to determine the status of the MRP sites under the air field, north antenna farm, etc.

## **3.0 Agenda**

- 3.1 Schedules/SCAP/Exit Strategy/FDEP Document Tracker/FFA SMP/ Petroleum SMP:

Adrienne is working on the FFA and Petroleum SMPs and will send to the team for review prior to sending them to management. The petroleum SMP had some minor changes to dates and transfer of NEX to FFA. Adrienne said that once the SMPs are submitted Mark shall update the Exit Strategy.

**Action Item:** Mark to update the Exit Strategy once the SMPs (petroleum and FFA) are updated.

No changes to the SCAP.

Pete said he has no comments for Draft Final Building 106 AS/SVE System Decommissioning Work Plan and the Draft Final VI Work Plan from CH2M Hill

**Action Item:** Eric to ask Venky to update the document review status schedule with all of his documents.

- 3.1.1 Team Development – Gus Campana

3.2 OU 1– Tim Curtin

LTM Update and Landfill Maintenance – Nothing new to report.

3.3 OU 3 –

Groundwater Model Update. Mike M. reviewed the revised cross-sections A-A' through G-G' and the related plan views (above and below clay layer) showing the locations of proposed new wells needed to fill data gaps and complete the RI. The new wells will provide additional benefit during the evaluation of remedial alternatives and potentially any subsequent long-term monitoring that might be required. The cross sections will also be part of the conceptual site model in the RI. The objective of the presentation was to obtain team consensus on the proposed new well locations at each cross section. Figures were provided to the team during the review and are included as part of the attachments to these minutes.

Mike Singletary asked Mike M. to add a jog in the alignment of cross section E-E' to pick up other DPT locations to the west of the current location for E-E' to better follow the expected plume path. Mike M. said he would do that by extending the cross section to the south at the mid-point then back east to the shoreline. Mike M. said that he was going to add a cross section for the CSM to highlight details of the plume attenuation in the organic-rich sediment of the dredged basin in the river at the end of cross section A-A'.

Mike S. recommended also creating additional details for the CSM to highlight the level of detail from the GSI ESTCP source history study at Building 106 and 708 source areas. We should already have the data for the GSI study but may need the field boring logs.

**Action Item:** Mike Singletary to ask GSI for the field logs for their DPT locations at OU 3.

**Action Item:** Mark and Donald to check the GSI data to see if they included the field logs either in the presentation or files that were received after the presentation done in May 2012 partnering meeting.

Mike M. continued his review of the CSM. Discussed the proposed locations of wells. In the cross section for C-C', Dave would like to see an additional well included in the source area. Mike and Donald said that there is one within 10-20 feet north of the cross section. Everyone said they were comfortable with the proposed wells for C-C'.

Mike M. continued his review, D-D' cross section. He showed the locations of the proposed wells for D-D'. Mike S. pointed out that none of the wells were screened above the clay in the vicinity of Building 101. He asked if there were confirmation samples showing no contamination above the clay, which makes the location above the clay a data gap. Donald said in 2010 there were samples taken. Tim said that access is granted for Building 101 for well installation if a shallow well is needed in this area.

**Action Item:** Mark P. to research the CH2M Hill data and determine if there is any shallow data, particularly under Building 101. A well may be added under Building 101 based on results of Mark's data research.

Mike M. said there are confirmation samples showing the plume doesn't discharge into the river. Pete said when it comes to remedy, EPA will require enough data collection (including the river) prior to the FS in order to show a trend in order to evaluate a Monitored Natural Attenuation alternative for COCs migrating toward the river. Mark said that Tetra Tech is conducting similar work for EPA and they are only requiring Pore Water sampling off shore.

**Consensus:** The team reached consensus on the additional well locations depicted on the cross section A-A' with the stipulation that it may be adjusted to include an additional well under Building 101, based on Mark P. research of previous data history at Area D. This cross section and proposed well locations may be adjusted.

As Mike S. suggested for cross section G-G', Tetra Tech will contour the ASU data and calculate the mass flux above and below the clay for each of the four ASU events. This will be for the CSM for the RI.

Cross section D-D' review – Mike S. asked if there are chlorinated ethanes in the area of D-D', he said when he was out looking at Building 780 there was TCA concentrations. Mark P. agreed and said they were just not shown on the cross section.

Cross section F-F' – Mike said no changes or additional wells are proposed for this cross section because the BOA's MNA monitoring network is adequate.

Cross section E-E' located at the southern end of the site. Mike M. said that he will have this cross section replotted to pick up suggestions from Mike S. to pick up wells to the west of the current location for E-E' Mike M. noted that the data shown in the recent BOA MNA monitoring report did not reflect the historically highest concentration at JAX-OU3-G8 because the particular screen interval was no longer being sampled.

**Action Item:** Mike M. to provide Adrienne information to revise the monitoring interval for JAX-OU3-G8 at OU 3 Area F, cross section E-E'.

Hal indicated that the river in this area is better described as brackish versus saline and suggested removing the reference to Saline groundwater flow. Hal suggests changing the terminology shown on cross sections A-A' and E-E' to "Mixing Zone" and "Brackish Groundwater Flow" and remove reference to "Density Mixing Zone".

**Consensus:** The team reached consensus on the additional well locations depicted on the cross sections B-B', C-C', D-D'

**Consensus:** The team reached consensus that no additional wells were needed based on cross sections E-E', F-F', and G-G'

Donald added that Tetra Tech conducted soil sampling for the perimeter of OU 3 and the results were clean.

3.3.1 Vapor Intrusion Discussion – Eric Davis Sampling on June 20, 2012 and deployed passive samplers at Building 780 and an employee at the building took the samplers down and took them to environmental, even though they had labels that stated "Do Not Touch." They resampled where the canisters were removed. One sampler had no pressure so they resampled that location as well. Canisters should have some pressure in them when they get to the lab.

Eric said they have raw data they are reviewing and will submit it to Mike Singletary possibly next week.

Mike asked if there were samplers still at Building 103, because he saw some in the kitchen closet area. Mike S. said they are not clearly marked. Eric said that as far as he knew, there were no samplers left there.

Eric said he should have validated data by mid to the end of August. Adrienne said good because Tetra Tech would need it for the RI.

Should have a draft investigation report in October for the Navy review and the rest of the team by January 2013.

- 3.4 OU 6 (PSC 52) Hangar 1000 – Alan- Nothing new to report. First sampling event is complete. One more sampling event is scheduled. Semiannual groundwater event in April 2012 and submitted the Semiannual monitoring report July 2012.

Dave G. discussed the contaminants with a spike in concentration. Said a little disappointing. More wells had increased concentrations than a decrease in concentrations. Donald said the increase in concentrations was very slight. The annual report will be more comprehensive showing trend charts. Pete asked if this shows a rebound will there be additional injection. Adrienne said that is a good question. After the next sampling event if there is rebound the team needs to discuss additional injection of ORC per the ROD.

- 3.5 OU 7 PSC 46 Update – DRMO – Eric updated.

- The after Action Report has been approved by NOSSA and DDESB
- 14 Intermodal Containers have been shipped offsite as low-level RAD waste
- Installed three new monitoring wells and completed the first round of quarterly groundwater sampling; a draft Tech Memo has been issued to the Navy for internal review. Draft Tech Memo will be issued to the Partnering Team within the next few weeks.
- Next quarterly sampling will be in August 2012

Dave pointed out some problems with two wells. Eric will contact Venky to discuss the two wells that were problematic, 11S and 11D (went dry).

**Action Item:** Eric to contact Venky regarding the email requesting status of soil samples at DRMO (sent by Donald). Are the soil samples confirmatory samples?

- 3.6 OU 8 PSC 47 – Eric Davis

Completed the final semiannual event at PSC 47 in April 2012. This was done at the same time as Gas Hill final semiannual event.

- 3.7 OU 9 – PSC 45 – Building 200

The draft RI is currently in internal review. It should go out to the team in the next month.

Tim said that fuel was found on the sealed floor in Hangar 117. Tim said it looked like used motor oil but it could be aged fuel. That may impact what is happening at PSC 45. He said this could be a new petroleum site.

Eric asked what the preliminary soil data showed. Alan said that the contamination in soil is delineated in the oil/water separator area.

- 3.7 Petroleum Sites

3.7.1 Gas Hill (PCA 4) – Eric Davis – Finished final semiannual sampling event in April 2012.

3.7.2 Hawkins's Property –Solutions IES completed a sampling event in June 2012. Tim said the drum did not get picked up at the site. Signs were placed on the site to say the site is Federal property.

3.7.3 PCA 25- Boat House Area –Solutions IES will be sampling soon. Dave said he doesn't have the site in his data base.

3.7.4 Kemen Test Cell – Site UST 000026 (PCA 26) – not funded yet. Nothing to report.

- 3.7.5 Firefighter Training Facility (OU 2) – Tetra Tech is sampling at the site July 18, 2012. Donald said flightline access is a 3-month process. He asked if a CAC card will make it easier to get access.
- 3.8 MRP Sites – Barb Becker updated Mark Peterson via email that she has received comments from FDEP on July 9, 2012. She said that EPA approved the draft with no comments. Barb Becker said that she anticipates sending out the response to comments and revised SAP by August 10, 2012.
- 3.9 PSC Sites with LUCs and no RODs – Additional sampling is needed at almost every site. Need additional funding for the additional sampling. The sampling needed was presented at the May 2012 meeting and the presentation is provided as an attachment to the May 2012 meeting.
- 3.10 PSC 45 (Operable Unit 9 – groundwater) – Building 200 Wash Rack – No change, RI is currently in internal review.
- 3.11 PSC 55- Alan Pate – The SI report is in internal review.
- 3.12 PSC 38 – Alan Pate presented the preliminary results from the soil and groundwater investigation. Tetra Tech collected 14 samples. Sixteen locations were sampled, four of which were for PGDN (no detections in soil and groundwater). Tetra Tech sampled for VOCs, SVOCs, Low level PAHs, Pesticides, PCBs, Metals and PGDN at several depths. There are groundwater exceedances of metals, SVOCs, VOCs, and PAHs. No groundwater exceedances on the southern portion of the site, no groundwater detections at the creek on the east side of the site.

Alan discussed the soil results and said that the contamination is not delineated. Additional delineation needs to be conducted on the north and east sides of the site. The southern portion of the site had no soil sample exceedances.

See attached presentation for discussion of results and recommendations.

Recommendations: Step out to define extent of soil and groundwater contamination, remove PGDN from analysis from soil and groundwater,

Mike S. asked if delineation should be done to the most stringent criteria. Mike said there is a big difference in defining the COCs and delineation. Dave said that during the FS it is the actual ARARs that are the defining criteria.

**Action Item:** Alan to revise the data units in the presentation for PSC 38 to match the PALs established in the work plan, clarify the recommendations, and send to the team.

- 3.13 PSC 56 – NEX Gas Station – Nothing to report. Site has been transferred to the IR Program.
- 3.14 PSC 57 S-3 High Power Turn-up Pad – Nothing new to report. It has been funded and Resolutions will be conducting the RI. Frank said he needs to get with Tetra Tech to iron out some discrepancies on locations of boring shown in NIRIS.
- 3.15 Five-Year Review – Technical Memorandum/Explanation of Significant Difference Discussion. In the March meeting Adrienne said to move forward with the technical memorandum.

## 4.0 Miscellaneous

### 4.1 Proposed Construction Update – Tim Curtin – Tim gave an update of proposed construction and current construction projects.

- Placing crushed limestone and AstroTurf across from NEX Gas Station. Should be completed in July 2012.
- Still working on the new Marina, contract has not been awarded yet.
- Going to replace Building 11 – BOQ. It's a historic building and it must be documented.
- Golf course construction – tee boxes and irrigation.
- Reclaimed water construction awaiting contracts from the City.
- New fence and gate at DRMO should be installed soon.
- Mission control system for BAMS (broad area maritime surveillance). Will launch from Mayport, but shall be controlled from NAS Jacksonville.
- Runway repair project that will shut down the airstrip for approximately six months. Probably move to Cecil. Looking at Spring 2013 for a start date.
- Photovoltaic installation at Buildings 1122 and 919.
- Possibly getting a new gym and pool. Not approved yet.

### 4.2 Tier II Update – Robbie Darby –

Robbie provided a handout with information from Tier II meetings.

6/13/12 to 6/14/12 Meeting Information including some of the action items. Italicized portion added by Robbie Darby.

#### **Past Action Items information**

Tier II links are to convey to Tier I Teams the options regarding the UFP-SAP graded approach/Tier I or Tier II SAP.

*Ken Bowers (Navy chemist) attended the March FL Tier II meeting and gave a presentation on the Nay UFP-SAP graded approach/tier I or Tier II SAP. He also participated in discussions we had on this topic. There has been some misunderstanding about the title and applicability on the Tier II UFP-SAPs and our intent was to provide additional background information, clarity, and details.*

*Our discussions were specific to Navy installations in FL but should generally be applicable at other installations. We reached consensus that using a graded approach is acceptable under the guidelines for UFP SAPs. The Tier II SAP is a tool teams can consider using on a case-by-case, project specific basis, with Team consensus. Tier I Teams are empowered to use the flexibility provided by the Tier II SAP approach, as applicable.*

*Robbie asked for the team to let him know if the team runs into difficulty on this or has any questions.*

A subcommittee of both Tier I and Tier II Team members will look into streamlining the Exit Strategy or other options.

#### **Reorganization and Funding Updates**

FDEP – Jim Crane's position will probably not be filled; Eric Nuzie's should be filled eventually. A Technical Lead position may be developed in lieu of filling Eric's supervisory position. The comment period for combining Chapters 62-780 and 62-775 has closed. New Brownfields legislation is being developed. There are still travel limitations. Brownfields has had some funding cuts.

EPA – There have been some minor funding cuts, but nothing major. The oversight contract is expiring at the end of the calendar year.

Navy – Funding has remained the same for this year, but there will be reductions next year. Project dollars are steady. Brian Syme will be the RPM for Key West, and Dana Hayworth will be the RPM for Mayport.

BRAC – Funding has been programmed for the year. Three people are scheduled for retirement, but their positions will not be filled. The office might move to the Weapons Station or the Air Force base. There will not be a Phase 2 transition to NAVFAC; the transition is finished.

- Robbie discussed FDEP travel restrictions. New Brownfields legislation is being developed. Brownfields has had some funding cuts.
- EPA has had some minor funding cuts, but nothing major.
- Tier II discussed using virtual meetings and other technologies with impending budget cut.

### **Five-Year Review Discussion**

Most sites have specific issues that need to be addressed. The purpose of the Five Year Review is to determine if the remedy is still applicable and protective. The evaluation of the protectiveness of MNA is a common item that has to be addressed. A suggestion was made to create a Tier I Teams “lessons learned” regarding Five Year Reviews. It was also suggested that Tier I Teams provide their schedules for Five Year Reviews and list any issues that arose and how those issues were overcome. Robbie said that Sarah and Helen are to task the Tier I RPMs (working with the contractors) to describe Five Year Review schedule experience and lessons learned.

### **Raising Issues to Tier II**

Problem Statement:

1. Clearly define the issue/problem as a team.
2. Assess the importance of the problem/issue in the overall clean up process.
3. Identify any deadline to have the problem/issue resolved so that it does not impact projects.
4. In documenting the problem/issue, explain why you can't resolve the issue at the Tier I level.

Facts:

1. Present the core facts that are pertinent to the problem/issue.
2. Identify any critical milestones that will be affected.

Alternative:

Present options with pros and cons, with consideration of all site and facility impacts and any assumptions.

1. All Team members are encouraged to present a compromise position for consideration.
2. Conceptual options are encouraged.
3. Using facilitation tools, the team should acknowledge an understanding of the basis for the differing positions related to the problem/issue.

Mark Davidson left the Tier II team. He will be retiring.

Robbie said there is going to be a Basics of Partnering Workshop coming up (New CLEAN contractor). The class will probably will be held in Jacksonville. Sarah Reed will let the team know when and where it is.

See attachment for details of Robbie's update.

- 4.3 Institutional Controls Implementation Plans Update – Tim Curtin - Nothing new to report. PSC 51 was mowed. The maintenance contract will need refunding at new fiscal year.
- 4.4 RCRA Activities – Nothing new to report.

- 4.5 Exit Strategy Review – **BOLD ALL CHANGES. Last update was submitted to Tier II.**
- 4.6 BOA Contracts Update and Schedule – See Section 2.3 discussed throughout agenda. Solutions IES is the sole BOA at this time.
- 4.7 PSC Review (Operable Unit or Not) – Pete said that the PSC sites with LUCs and no RODs it is preferred to keep them as one OU.

MRP Sites will be Operable Unit 10  
PSC Sites with LUCs and no RODs will be Operable Unit 11.

**5.0 Meeting Closing**

- 5.1 Review Meeting Consensus Items – Done
- 5.2 Review Meeting Understandings – None
- 5.3 Review Action Items – Done
- 5.4 Next Meeting Proposed Agenda Changes
- 5.5 Set the future meeting dates in advance.

Meeting Date	Meeting Time	Location	Meeting Chairman
9/6/12	8:00 a.m. to 5:00 p.m.	Atlanta – CH2M Hill Office	Tim Curtin
11/13/12 11/14/12	1 p.m. to 5:00 p.m. 8:00 a.m. to 12:00 noon	Jacksonville	Pete Dao
1/15/13 1/16/13	1 p.m. to 5:00 p.m. 8:00 a.m. to 12:00 noon	Jacksonville	Eric Davis

- 5.6 Set the next meeting location, duration, and roles
  - Location – Atlanta, GA – CH2M Hill Office
  - Dates – September 6, 2012
  - Duration – one day
  - Chair – Tim Curtin
  - Gate/Timekeeper – Pete Dao
  - Scribe – Julie Johnson
- 5.7 Facilitator Plus/Deltas – Done

**Plus**

Finished on time  
Frank from Resolutions attended  
OU 3 consensus items and discussion  
OU 3 cross sections were helpful  
Robbie Darby's Tier II update  
Dave's attention to detail regarding PSC 38 presentation  
Team was focused  
Good adult/adult communication  
Team Communication Training

**Deltas**

No Mark on day 2  
Pete no here day 1

<b>Site</b>	<b><u>CONSENSUS ITEMS</u></b>
	Team approves meeting minutes from May 2012 meeting
OU 3	The team reached consensus on the additional well locations depicted on the cross section A-A' with the stipulation that it may be adjusted to include an additional well under Building 101, based on Mark P. research of previous data history at Area D. This cross section and proposed well locations may be adjusted.
OU 3	The team reached consensus on the additional well locations depicted on the cross sections B-B', C-C', D-D'
OU 3	The team reached consensus that no additional wells were needed based on cross sections E-E', F-F', and G-G'
<b>Agenda Item No.</b>	<b><u>PARKING LOT</u></b>
	A potential success story, identifying plume reduction project at OU 3 Area A, which will reduce requirements for HAZWOPER training (CNO award due in December 2012). Team due every other year and the installation done every year.
	NIRIS Update – Training for team – Tom Deck to train team next Jacksonville meeting?
	Yellow Water Weapons Housing Area – Dave Grabka wants to discuss this. Part of Site 15 (sweeping for MEC) Natural Resource Corridor. Public Safety. Tim said the station is looking at getting rid of that area. Tim said nobody wants the road (causing hold up). Dave said the main concern is the part of yellow water Site 15 extends out to the area between the ball field and the old fence line. Confirm that the LUCs will be acceptable for both sites. LUC = only good for a pass through (hiking, biking, horseback riding; no attractors).
	Discuss CNO Award.
	Monitoring for the OU 3 groundwater plumes continuing during the completion of the RI/FS. Areas A, B, G would continue to be monitored and Areas C and D are to be determined.

### ACTION ITEMS

Action Item No.	Responsible Party	Status	Due Date	Site	Action Item
<b>Action Items from October 11<sup>th</sup> &amp; 12<sup>th</sup>, 2011 Meeting</b>					
A-131011	Mark	Done	1/10/12	DRMO/Tech memo	<p>Mark to gather the components for the technical memorandum and utilize the data in the closure report, which is due out by the end of October. Mark will present to the team prior to submittal. (ESD or No ESD)</p> <p><i>1/11/12: Mark said that there are issues that may need Tier II involvement.</i></p> <p><i>3/7/12 – Adrienne said proceed with tech memo.</i></p> <p><i>7/17/12 – Mark and Donald are trying to determine the status of soil samples sent to Venky.</i></p> <p><i>Mark said he reviewed data and is waiting for approval from Pete on completion report data.</i></p>
<b>Action Items from March 6 - 7, 2012 Meeting</b>					
A-120312	Mark/Alan	Done		PSC 55	Mark/Alan to send Jane Beason a copy of the PSC 55 SI report when finalized.
<b>Action Items from May 15 - 16, 2012 Meeting</b>					
A10512	Adrienne	Done	First of August	CNO Award	Adrienne to see when the next CNO Cycle/application is due
A-30512	Eric	Working	Next Meeting	PSC 47	Eric to meet with Adrienne and Mike S. regarding the MNA /metals evaluation at PSC 47 by next meeting.
<b>Action Items from July 17-18, 2012 Meeting</b>					
A-10712	Adrienne	OBE	Next Meeting	MRP Sites	Adrienne to check the MRP Preliminary Assessment to determine the status of the MRP sites under the air field, north antenna farm, etc.

**ACTION ITEMS**

<b>Action Item No.</b>	<b>Responsible Party</b>	<b>Status</b>	<b>Due Date</b>	<b>Site</b>	<b>Action Item</b>
A-20712	Eric	Done		DRMO/Tech Memo	Eric to contact Venky regarding the email requesting status of soil samples at DRMO (sent by Donald). Are the soil samples confirmatory samples?
A-30712	Mark P.	Working		Exit Strategy	Mark to update the Exit Strategy once the SMPs (petroleum and FFA) are updated.
A-40712	Eric P/Venky	Working	By next meeting	NAS Jacksonville Partnering Team Document Review Status	Eric to ask Venky to update the document review status schedule with all of his documents.
A-50712	Julie	Done	By next meeting	NIRIS/FFA for NAS Jacksonville	Julie to make sure the final version of the FFA is included in NIRIS.  <i>7/18/12: sent corrected version of the FFA to the RDM (Glenn Wagner) for upload to NIRIS.</i>
A-60712	Mike S.	Done	8/15/12	OU 3 GSI Data	Mike Singletary to ask GSI for the field logs for their DPT locations at OU 3.
A-70712	Mark P. / Donald	Done	8/15/12	OU 3 GSI Data	Mark and Donald to check the GSI data to see if they included the field logs either in the presentation or files that were received after the presentation done in May 2012 partnering meeting.
A-80712	Mark P. / Donald	Done	8/15/12	OU 3, GW modeling	Mark P. to research the CH2M Hill data and determine if there is any shallow data, particularly under Building 101. A well may be added under Building 101 based on results of Mark's data research.
A-90712	Mike M.	Done	8/15/12	OU 3, Area F, Cross Section E-E'	Mike M. to provide Adrienne information to revise the monitoring interval for JAX-OU3-G8 at OU 3 Area F, cross section E-E'.

**ACTION ITEMS**

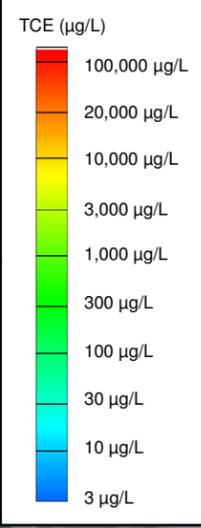
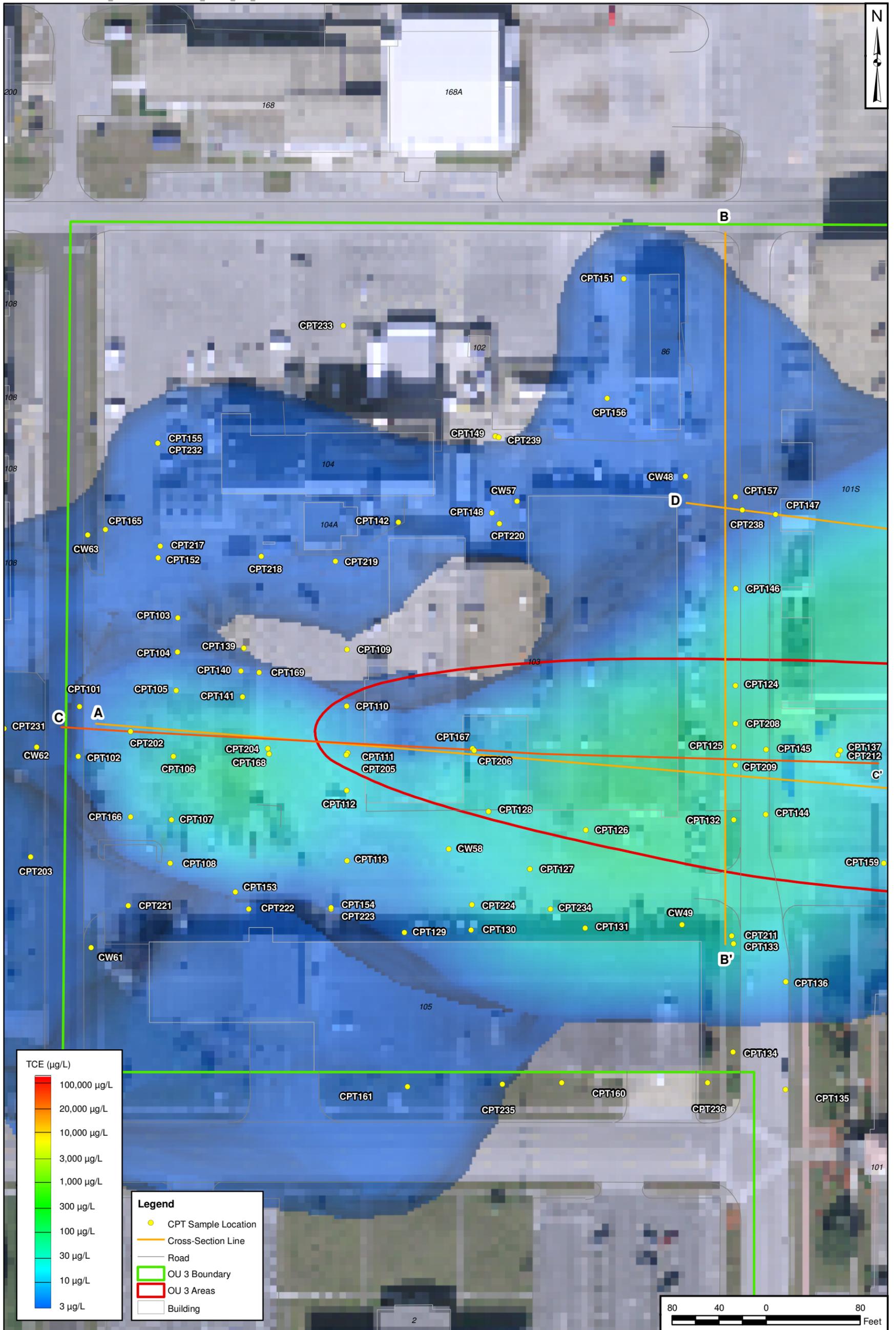
<b>Action Item No.</b>	<b>Responsible Party</b>	<b>Status</b>	<b>Due Date</b>	<b>Site</b>	<b>Action Item</b>
A-100712	Alan	Done	7/20/12	PSC 38	Alan to revise the data units in the presentation for PSC 38 to match the PALs established in the work plan, clarify the recommendations, and send to the team.
A-110712	Eric	Working		PSC 46, DRMO	Eric will contact Venky to discuss the two wells that were problematic, 11S and 11D (went dry).

**NAS Jacksonville Team Agenda**  
**Atlanta, GA**  
**September 6<sup>th</sup>, 2012**

**Chair – Tim Curtin**  
**Gate/Timekeeper – Pete Dao**  
**Scribe – Julie Johnson**

Item	Description	Presenter	Time	Category
<b>1.0</b>	<b>TEAM MEETING AND INTRODUCTIONS</b>	Team		
1.1	Team member Greeting, Introductions, and Check-in; Guest Introductions	Team		
1.2	Assignment of Team Meeting Organization: Chair, Gate/Time Keeper, Scribe	Chair		
1.3	Read Team Ground Rules	Team		
<b>2.0</b>	<b>INITIAL AGENDA ITEMS FOR EACH MEETING</b>			
2.1	Review, submit revisions to, and reach consensus on previous meeting minutes	Team		
2.2	Reports on assigned action items and parking lot items	Team		
2.3	NAVFAC presents current budget execution plan	Adrienne		
<b>3.0</b>	<b>AGENDA</b>			
3.1	Schedules/SCAP/Exit Strategy/FDEP Document Tracker/FFA SMP/Petroleum SMP, FFA Review	Team		
	3.1.1 Team Development –	Tim Flood		
3.2	OU-1			
	3.2.1 LTM Update and Landfill Maintenance			
3.3	OU-3			
	3.3.1 Groundwater Model Update	Donald		
	3.3.2 Vapor Intrusion Update	Casey/Eric		
3.4	OU-6 – PSC 52 – Hangar 1000	Donald		
3.5	OU-7 – PSC 46 DRMO update	Casey/Eric		
3.6	OU-8 – PSC 47 – Pesticide Shop	Casey/Eric		
3.7	OU-9 – PSC 45-Building 200 Wash Rack (groundwater only)			
3.8	OU 10 - MRP Sites			
3.9	OU 11 - PSC Sites with LUCs and no RODs –			
3.10	Petroleum Sites			
	Gas Hill	Eric		
	Hawkins			
	PCA 25			
	Kemen Test Cell			
	Firefighter Training Facility (OU 2)			
3.11	PSC 55 -	Alan		
3.12	PSC 38 -	Alan		
3.13	PSC 56 – NEX Gas Station	Alan		
3.14	PSC 57 S-3 High Power Turn-up Pad			
3.15	Five Year Review – Technical Memorandum/ESD Discussion	Mark		
<b>4.0</b>	<b>MISCELLANEOUS</b>			
4.1	Proposed Construction Update	Tim		
4.2	Tier II Update			

Item	Description	Presenter	Time	Category
4.3	Institutional Controls Implementation Update	Tim		
4.4	RCRA Activities –	Tim		
4.5	Exit Strategy Review	Mark		
4.6	BOA Contracts Update	Tim/Adrienne		
4.7	PSC Review (Operable Unit or not)			
<b>5.0</b>	<b>MEETING CLOSING</b>			
5.1	Review Meeting Consensus Items			
5.2	Review Meeting Understandings			
5.3	Review Action Items			
5.4	Next Meeting Proposed Agenda			
5.5	Set Dates for Future Meetings			
5.6	Set the Next Meeting Location, Duration, and Roles			
5.7	Facilitator Plus/Deltas			



Legend	
<span style="color: yellow;">●</span>	CPT Sample Location
<span style="color: orange;">—</span>	Cross-Section Line
<span style="color: grey;">—</span>	Road
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<span style="border: 1px solid red; display: inline-block; width: 10px; height: 10px;"></span>	OU 3 Areas
<span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	Building

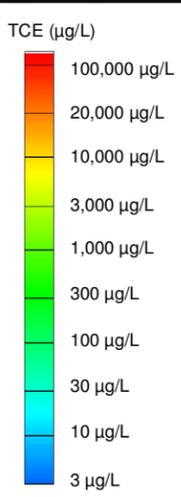
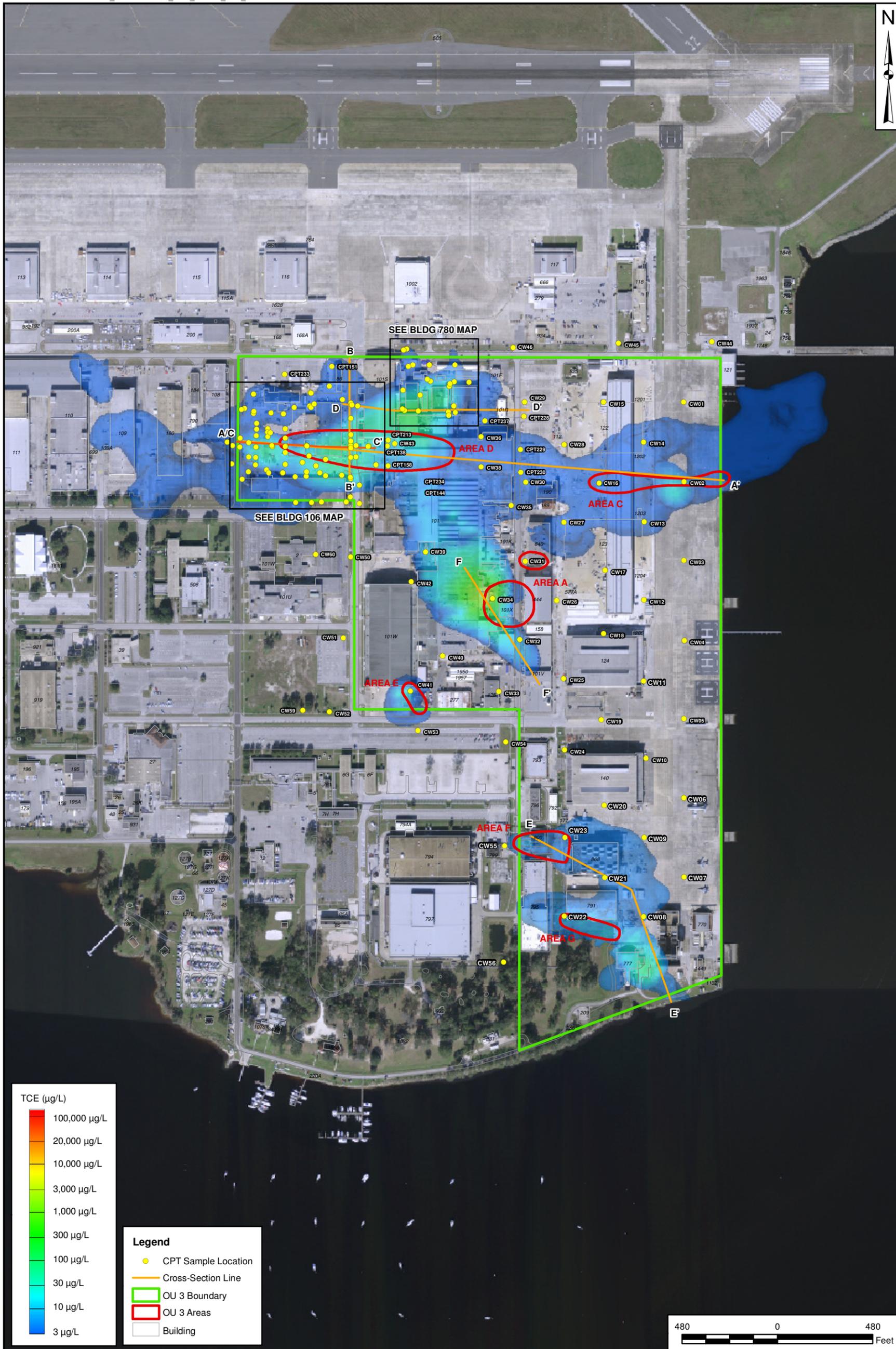


DRAWN BY S. PAXTON	DATE 06/15/12
CHECKED BY D. HARDISON	DATE 06/15/12
REVISED BY	DATE
SCALE AS NOTED	



**CPT LOCATION AND CROSS-SECTION PLAN MAP**  
**OU 3 - BUILDING 106 AREA**  
**NAS JACKSONVILLE**  
**JACKSONVILLE, FLORIDA**

CONTRACT NUMBER 2160	CTO NUMBER 0154
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO. 8	REV 0



**Legend**

- CPT Sample Location
- Cross-Section Line
- OU 3 Boundary
- OU 3 Areas
- Building

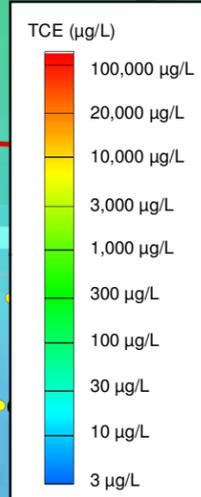
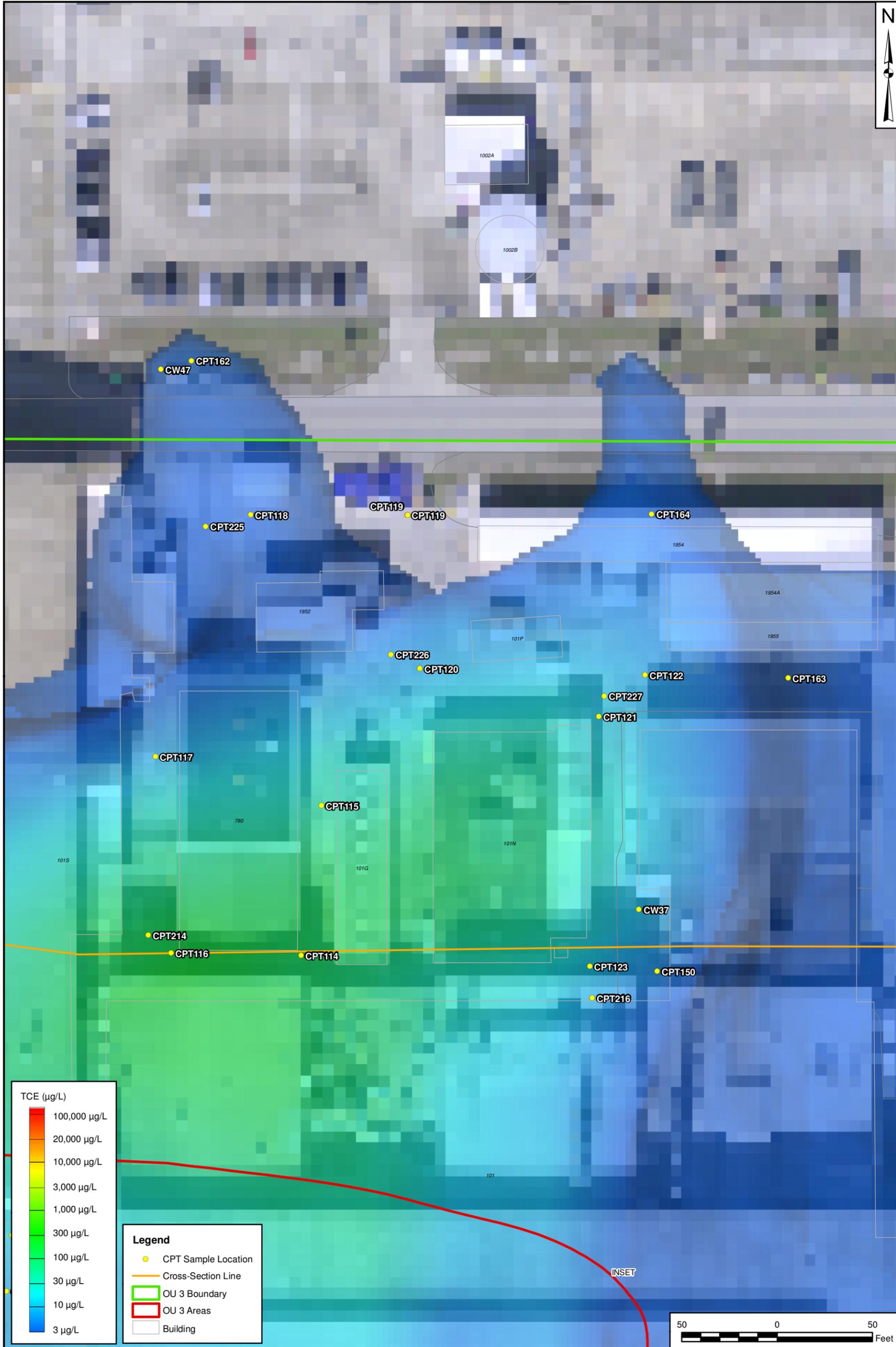


DRAWN BY S. PAXTON	DATE 09/26/11
CHECKED BY D. HARDISON	DATE 06/18/12
REVISED BY S. PAXTON	DATE 06/18/12
SCALE AS NOTED	



**CPT LOCATION AND CROSS-SECTION PLAN MAP**  
**OU 3**  
**NAS JACKSONVILLE**  
**JACKSONVILLE, FLORIDA**

CONTRACT NUMBER 2160	CTO NUMBER 0154
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO. 7	REV 0



**Legend**

- CPT Sample Location
- Cross-Section Line
- OU 3 Boundary
- OU 3 Areas
- Building

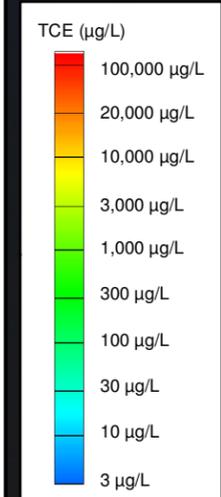
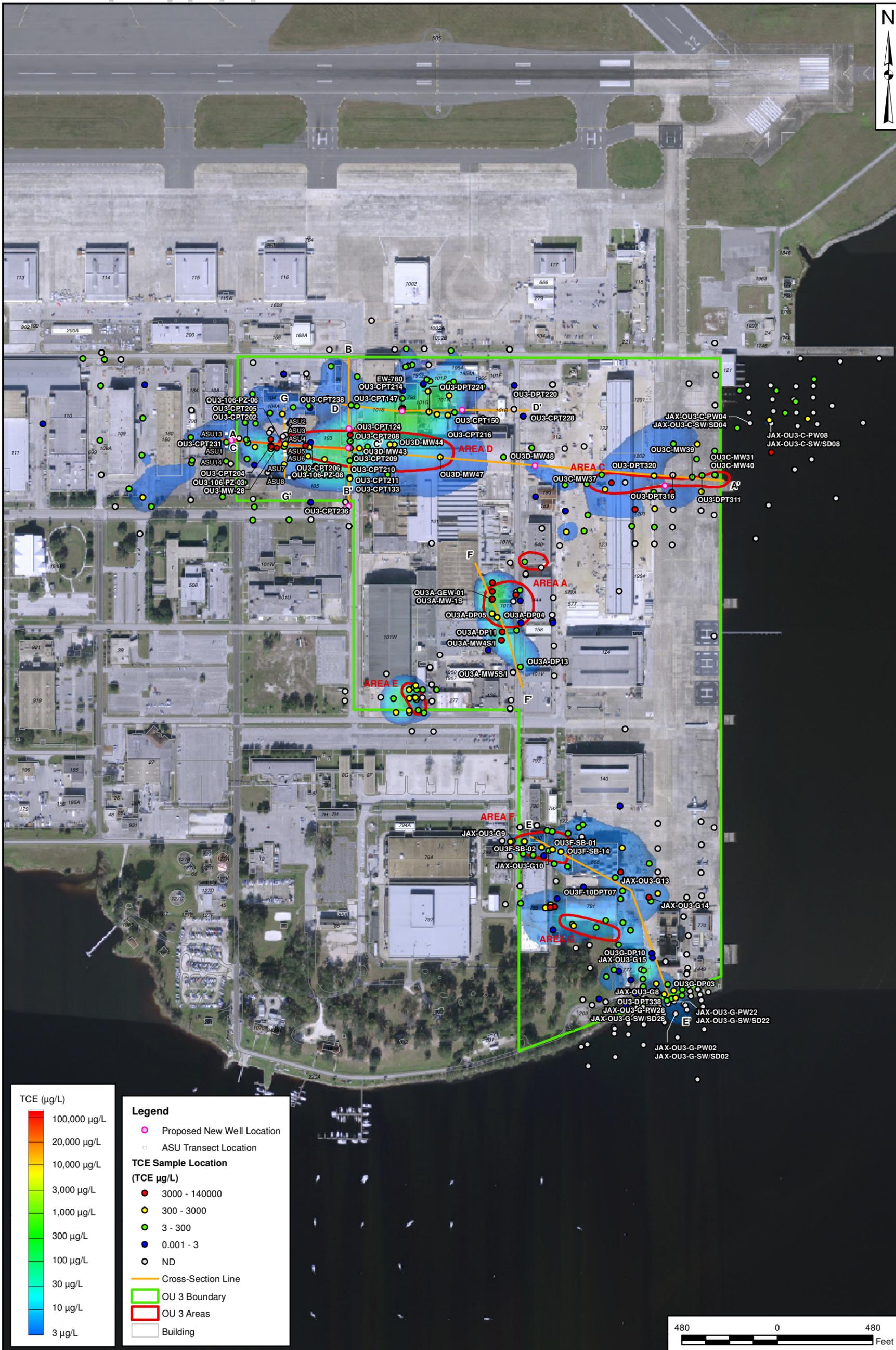


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S. PAXTON	09/26/11
CHECKED BY	DATE
D. HARDISON	06/18/12
REVISED BY	DATE
S. PAXTON	06/18/12
SCALE AS NOTED	



**CPT LOCATION AND CROSS-SECTION PLAN MAP**  
**OU 3 - BUILDING 780 AREA**  
**NAS JACKSONVILLE**  
**JACKSONVILLE, FLORIDA**

CONTRACT NUMBER	CTO NUMBER
2160	0154
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
9	0



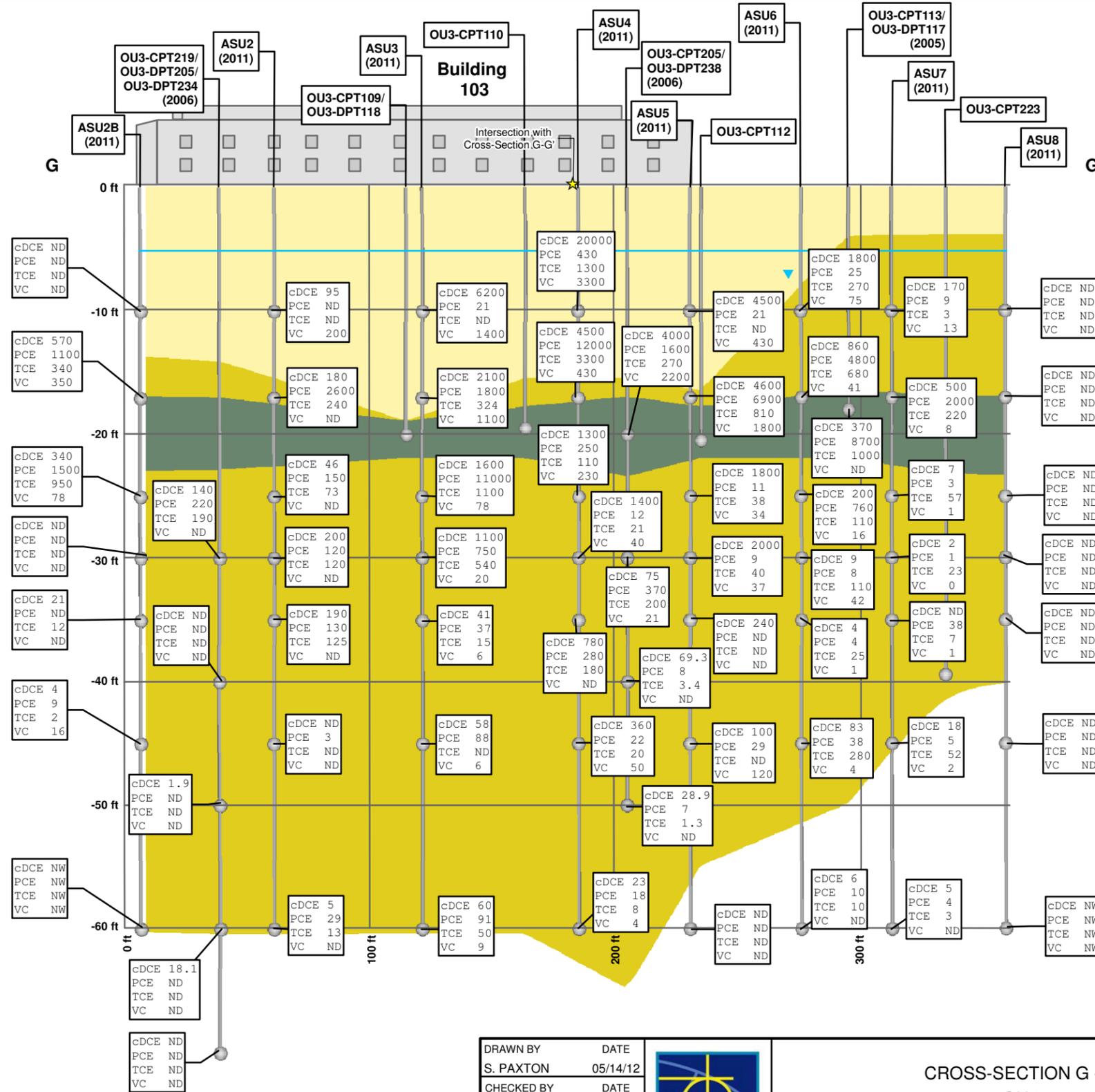
- Legend**
- Proposed New Well Location
  - ASU Transect Location
- TCE Sample Location (TCE µg/L)**
- 3000 - 140000
  - 300 - 3000
  - 3 - 300
  - 0.001 - 3
  - ND
- Cross-Section Line
  - OU 3 Boundary
  - OU 3 Areas
  - Building

DRAWN BY S. PAXTON	DATE 09/26/11
CHECKED BY D. HARDISON	DATE 07/13/12
REVISED BY S. PAXTON	DATE 07/13/12
SCALE AS NOTED	



**TRICHLOROETHENE CROSS-SECTION PLAN MAP**  
**ABOVE CLAY LAYER**  
**OU 3**  
**NAS JACKSONVILLE**  
**JACKSONVILLE, FLORIDA**

CONTRACT NUMBER 2160	CTO NUMBER 0154
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO. 7	REV 0



**Legend**

- Water Table
- Sand
- Sand With Interbedded Silts and Clays
- Clay

**Notes:**

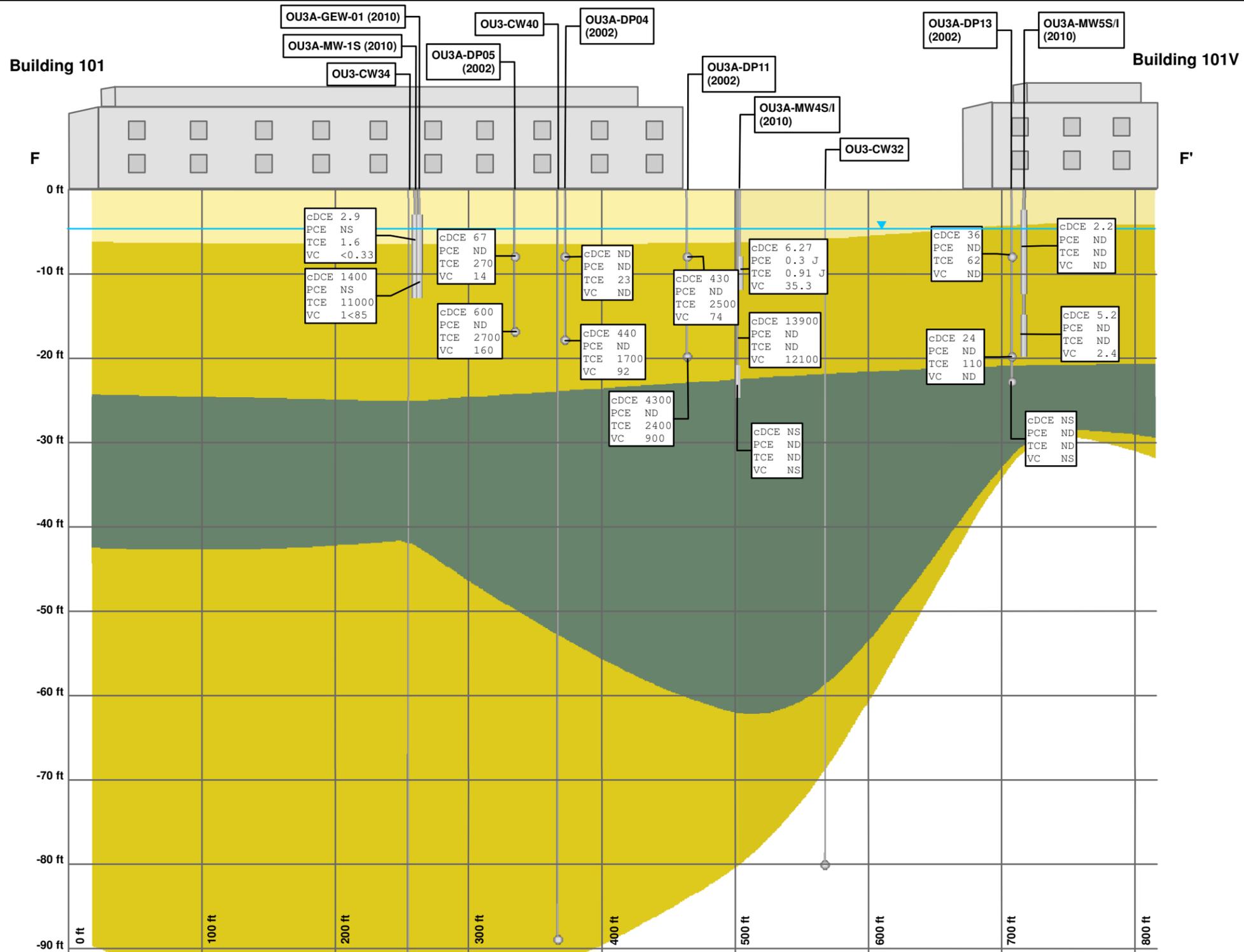
- 1) Elevations posted are depth below land surface.
- 2) All concentrations are listed in micrograms per liter (ug/L)
- 3) ND indicates the result is a non-detect.
- 4) NW indicates water was not available for analysis.
- 5) J indicates the result is an estimated concentration
- 6) Dates in parenthesis in the location tag indicate the year when the results were obtained.
- 7) Buildings are offset from cross-section. Sample locations are not contained within the buildings.

DRAWN BY	DATE
S. PAXTON	05/14/12
CHECKED BY	DATE
D. HARDISON	07/13/12
REVISED BY	DATE
S. PAXTON	07/13/12
SCALE	
AS NOTED	



**CROSS-SECTION G - G'**  
**OU 3**  
**NAS JACKSONVILLE**  
**JACKSONVILLE, FLORIDA**

CONTRACT NUMBER	CTO NUMBER
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
7	0



**Legend**

	Water Table
	Sand
	Sand With Interbedded Silts and Clays
	Clay

**Notes:**  
 1) Elevations posted are depth below land surface.  
 2) All concentrations are listed in micrograms per liter (ug/L)  
 3) ND indicates the result is a non-detect.  
 4) Dates in parenthesis in the location tag indicate the year when the results were obtained.  
 5) Buildings are offset from cross-section. Sample locations are not contained within the buildings.

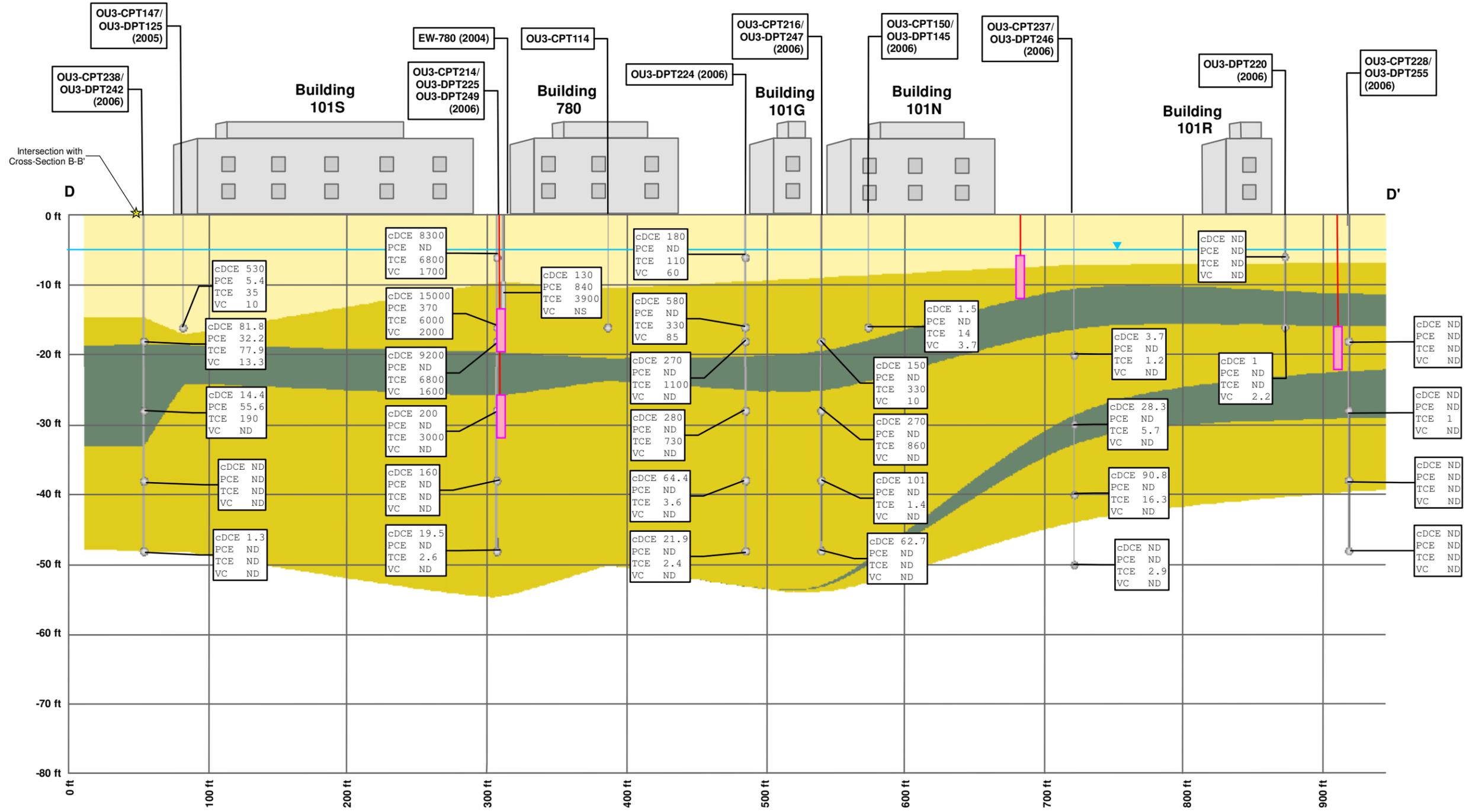
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S. PAXTON	05/14/12
CHECKED BY	DATE
D. HARDISON	07/12/12
REVISED BY	DATE
S. PAXTON	07/12/12
SCALE	
AS NOTED	



**CROSS-SECTION F - F'**  
**OU 3**  
**NAS JACKSONVILLE**  
**JACKSONVILLE, FLORIDA**

CONTRACT NUMBER	CTO NUMBER
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
6	0



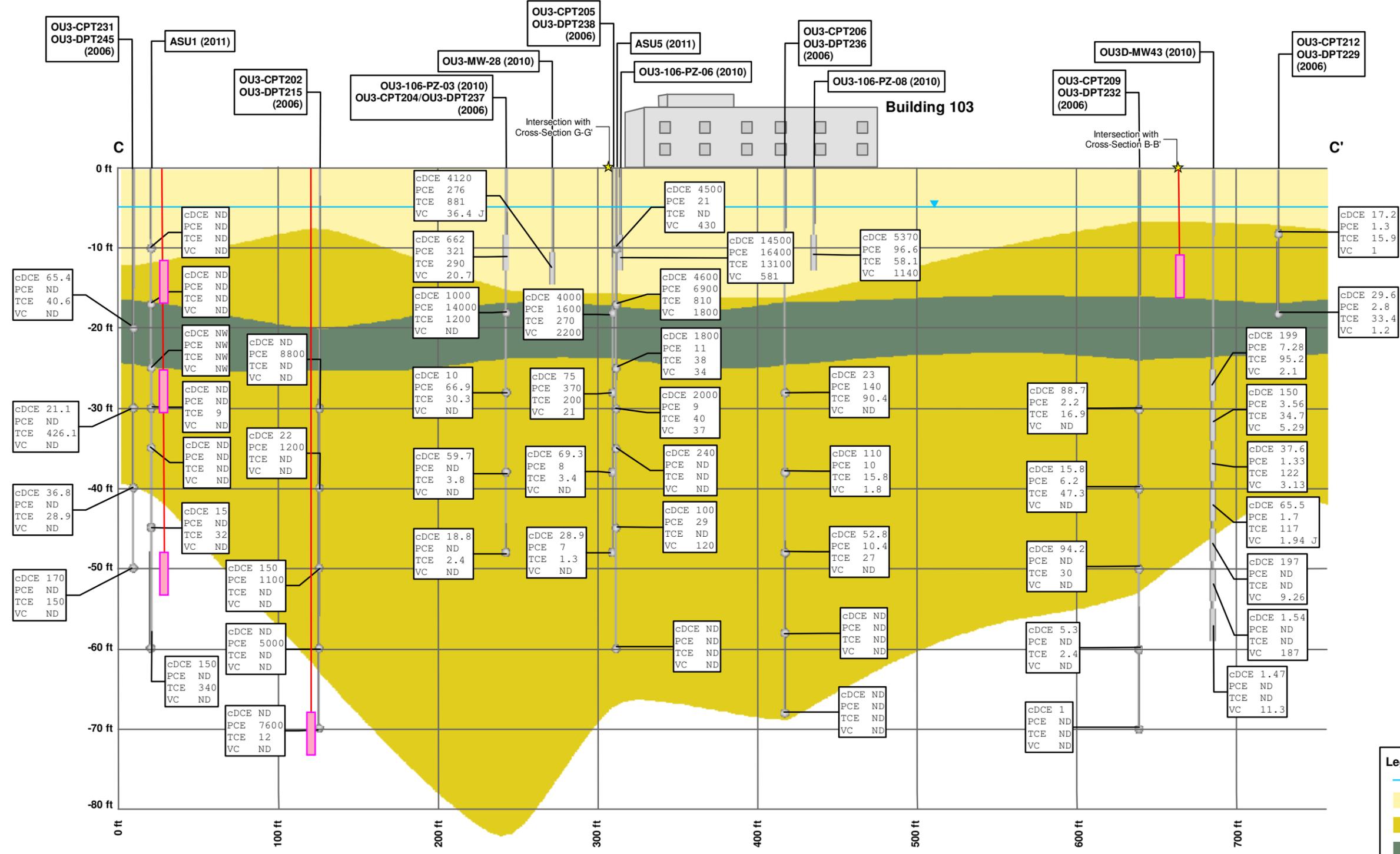


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S. PAXTON	05/14/12
CHECKED BY	DATE
D. HARDISON	07/09/12
REVISED BY	DATE
S. PAXTON	07/09/12
SCALE AS NOTED	



CROSS-SECTION D - D'  
OU 3  
NAS JACKSONVILLE  
JACKSONVILLE, FLORIDA

CONTRACT NUMBER	CTO NUMBER
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
4	0



**Legend**

- Water Table
- Sand
- Sand With Interbedded Silts and Clays
- Clay

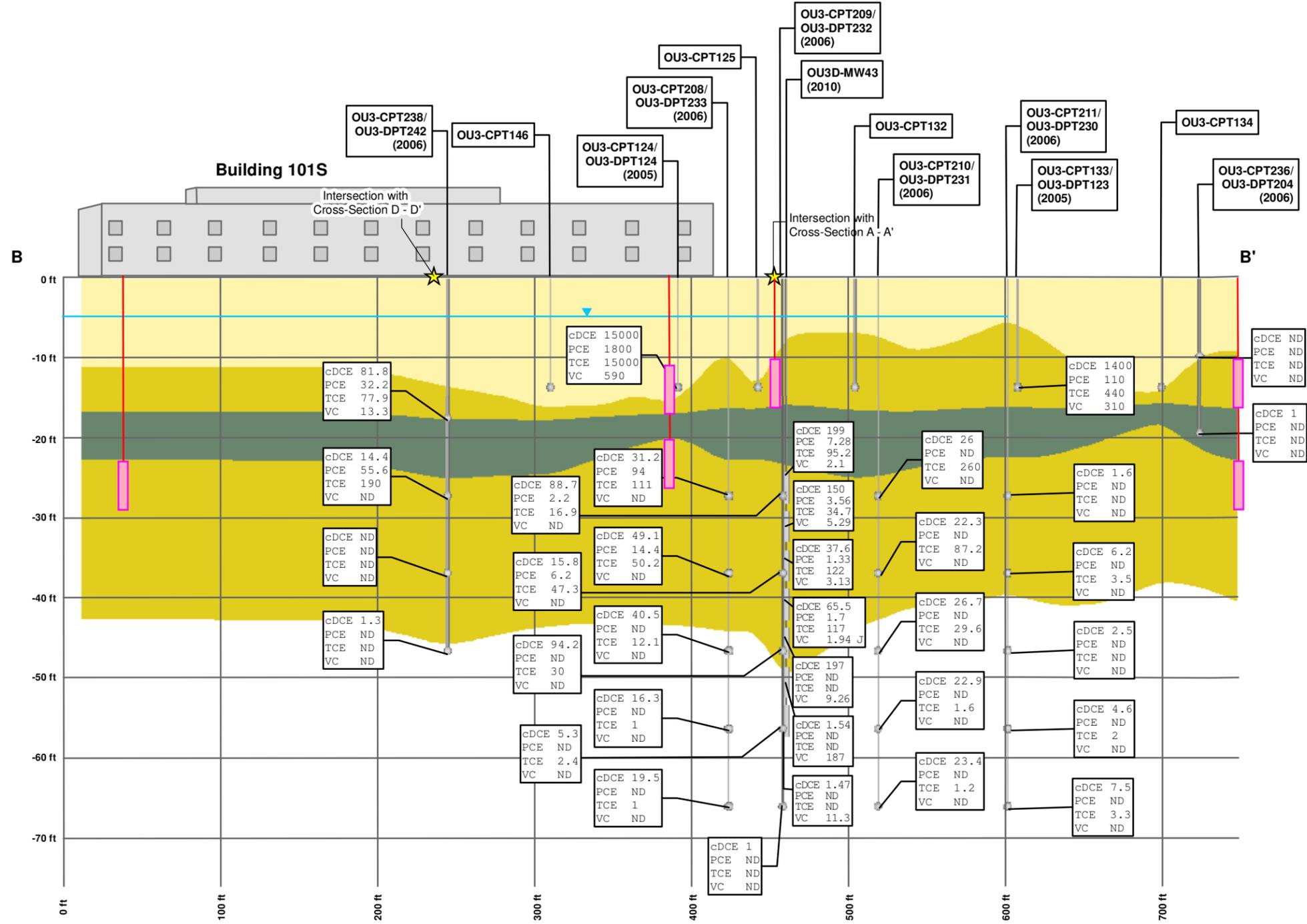
- Notes:**
- 1) Elevations posted are depth below land surface.
  - 2) All concentrations are listed in micrograms per liter (ug/L)
  - 3) ND indicates the result is a non-detect.
  - 4) NW indicates water was not available for analysis.
  - 5) J indicates the result is an estimated concentration
  - 6) Dates in parenthesis in the location tag indicate the year when the results were obtained.
  - 7) Buildings are offset from cross-section. Sample locations are not contained within the buildings.

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S. PAXTON	05/14/12
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D. HARDISON	07/13/12
REVISED BY	DATE
S. PAXTON	07/13/12
SCALE AS NOTED	



CROSS-SECTION C - C'  
OU 3  
NAS JACKSONVILLE  
JACKSONVILLE, FLORIDA

CONTRACT NUMBER	CTO NUMBER
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
3	0



**Legend**

- Water Table
- Sand
- Sand With Interbedded Silts and Clays
- Clay

**Notes:**

- 1) Elevations posted are depth below land surface.
- 2) All concentrations are listed in micrograms per liter (ug/L)
- 3) ND indicates the result is a non-detect.
- 4) J indicates the result is an estimated concentration.
- 5) Dates in parenthesis in the location tag indicate the year when the results were obtained.
- 6) Buildings are offset from cross-section. Sample locations are not contained within the buildings.

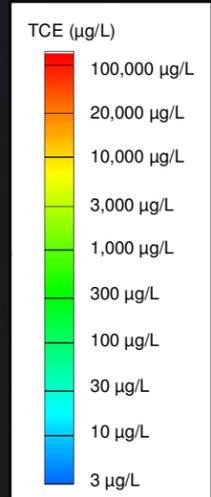
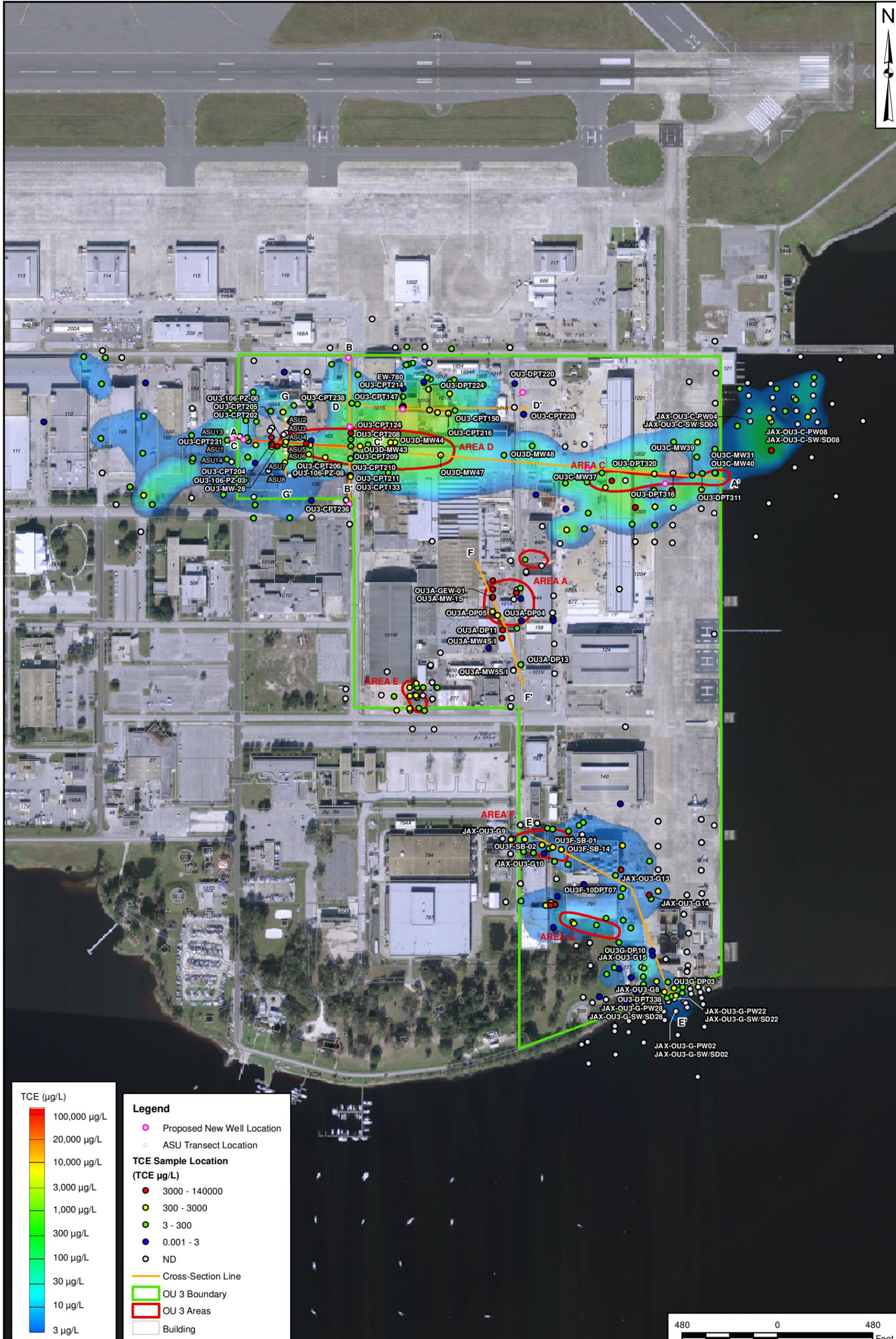
DRAWN BY	DATE
S. PAXTON	10/09/11
CHECKED BY	DATE
D. HARDISON	07/10/12
REVISED BY	DATE
S. PAXTON	07/10/12
SCALE	
AS NOTED	



**CROSS-SECTION B - B'**  
**OU 3**  
**NAS JACKSONVILLE**  
**JACKSONVILLE, FLORIDA**

CONTRACT NUMBER	CTO NUMBER
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
2	0





- Legend**
- Proposed New Well Location
  - ASU Transect Location
- TCE Sample Location (TCE µg/L)**
- 3000 - 140000
  - 300 - 3000
  - 3 - 300
  - 0.001 - 3
  - ND
- Cross-Section Line
  - OU 3 Boundary
  - OU 3 Areas
  - Building

DRAWN BY	DATE
S. PAXTON	09/26/11
CHECKED BY	DATE
D. HARDISON	07/13/12
REVISED BY	DATE
S. PAXTON	07/13/12
SCALE	
AS NOTED	



**TRICHLOROETHENE CROSS-SECTION PLAN MAP**  
**BELOW CLAY LAYER**  
**OU 3**  
**NAS JACKSONVILLE**  
**JACKSONVILLE, FLORIDA**

CONTRACT NUMBER	CTO NUMBER
2160	0154
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
7	0

**Florida Environmental  
Partnering Alliance Tier II  
DRAFT**

**6/13/12 to 6/14/12 MEETING INFORMATION including some of the action items**

*Note, italicized portion added by Robbie Darby*

**Past Action Items information**

- Tier II links are to convey to Tier I Teams the options regarding the UFP-SAP graded approach/Tier I or Tier II SAP. **Done**

*Ken Bowers (Navy chemist) attended the March FL Tier II meeting and gave a presentation on the Navy UFP-SAP graded approach/Tier I or Tier II SAP. He also participated in discussions we had on this topic. There has been some misunderstandings about the title and applicability on the Tier II UFP-SAPS and our intent was to provide additional background information, clarity and details.*

*Our discussions were specific to Navy installations in FL but should generally be applicable at other installations. We reached consensus that using a graded approach is acceptable under the guidelines for UFP SAPs. The Tier II SAP is a tool teams can consider using on a case-by-case, project specific basis, with Team consensus. Tier I Teams are empowered to use the flexibility provided by the Tier II SAP approach, as applicable.*

*Let me know if you run into difficulty on this or have any questions.*

A subcommittee of both Tier I and Tier II Team members to look into streamlining the Exit Strategy or other options. **Ongoing** –The subcommittee plans to meet in July.

***Reorganization and Funding Updates***

FDEP – There are still travel limitations. The comment period for combining Chapters 62-780 and 62-775 has closed. New Brownfields legislation is being developed. . Brownfields has had some funding cuts.

EPA – There have been some minor funding cuts, but nothing major. The oversight contract is expiring at the end of the calendar year.

Navy – Funding has remained the same for this year, but there will be reductions next year. Project dollars are fairly steady. Brian Syme will be the RPM for Key West, and Dana Hayworth will be the RPM for Mayport.

BRAC – Funding has been programmed for the year. Three people are scheduled for retirement, but their positions will not be filled. The office might move to the Weapons

Station or the Air Force base. There will not be a Phase 2 transition to NAVFAC; the transition is finished.

### ***Tier I Team Reports / Exit Strategies / CERCLIS***

#### **Jacksonville**

- The last meeting was held May 15-16, 2012. Todd Haverkost, Resolution Consultants, was welcomed to the Team. Accomplishments included updates regarding work moving forward at sites. The facilitator noted the Team's strength in maintaining focus and problem solving puts them in a strong position to weather the CLEAN transition smoothly. The next meeting is scheduled for July 17-18, 2012, in Jacksonville.
- Gus Campana will be the facilitator at the July 2012 meeting.
- The Team is planning to hold their September 5-6, 2012, meeting in Atlanta, GA. FDEP travel could be an issue. Also, Tier II has a meeting scheduled on the same dates.

Discussion ensued regarding virtual meetings and new technologies. It was suggested that a Tier II conference call should be conducted meeting place or similar approach.

### ***Tier I Team Presentation***

Several Team members from the NAS Pensacola and Corry/Saufley Field Tier I Teams joined the meeting to provide the presentation to Tier II.

*Great Presentation!*

### ***Review Tier II Goals***

The following Tier II goals for FY 2012 were reviewed and updated at the June 2012 meeting:

Develop an appropriate submission and review schedule for Five Year Reviews. **Goal partially met – process improved some by starting sooner.**

Complete Jacksonville and Whiting Field Five Year Reviews on schedule. **Goal partially met – draft-final submitted for Whiting – Jacksonville is done**

Have the petroleum SMP Amendment submitted by August 1, 2012, and finalized by September 30, 2012.

Provide FFA training for Tier I Teams at NPL facilities. **Done**

Integrate new contractors into the Partnering process. **In progress**

Integrate new FDEP Team member(s) into the Partnering process. **Done**

Define the purpose and attributes of the Exit Strategy, revise the format, and distribute the information for Tier I implementation. **In progress**

### ***Five Year Reviews***

.Most sites have specific issues that need to be addressed. The purpose of the Five Year Review is to determine if the remedy is still applicable and protective. The evaluation of the protectiveness of MNA is a common item to be addressed. A suggestion was made to create a Tier I Teams "lessons learned" regarding Five Year Reviews. It was also suggested that Tier I Teams provide their schedules for Five Year Reviews and list any issues that arose and how those issues were overcome.

**Action Item:** Team members are to review the information sent by Harold on Five Year Reviews before the next meeting.

**Action Item:** Sarah and Helen are to task Tier I RPMs (working with the contractors) to describe Five Year Review schedule experience (to include how long from start to signed, when is the next one due, etc.) and lessons learned.

### ***Permit Modifications***

The question was asked if there was a more predictable way to do permit modifications. The main issue is to provide public notice properly. Plus, some installations are RCRA and CERCLA and are subject to state law. The draft guidance was discussed.

### ***New Member Induction***

David Criswell was welcomed onto the Team. Gayle provided a spreadsheet with members' communication style, MBTI type, what we can be counted on for, and expectations.

### ***Raising Issues to Tier II***

The Team discussed the process used at ABL, West Virginia and at TX Tier II.

One potential format follows:

#### **Problem Statement:**

1. Clearly define the specific problem/issue as a team.
2. Assess the problem/issue in the context of the SMP.
3. Identify any deadline to have the problem/issue resolved so that it does not impact projects.
4. Make sure you understand and write down each other's concerns.

5. In documenting the problem/issue, explain why you can't resolve the issue at the Tier I level.

**Facts:**

1. Present the core facts that are pertinent to the problem/issue.
2. Identify any critical milestones that will be affected.

**Alternatives:**

Present options with pros and cons, with consideration of all site and facility impacts and any assumptions.

1. All Team members are encouraged to present a compromise position for consideration.
2. Conceptual options are encouraged.
3. Using facilitation tools, the team should acknowledge an understanding of the basis for the differing positions related to the problem/issue.

**Action Item:** Sarah, Kim, and Robbie are to prepare a draft form for raising issues to Tier II *by the next meeting*.

***Exit Member – Mark Davidson***

Team members shared experiences and their enjoyment of having Mark on the Team. Mark shared the same with Team members.

***Guidance for Tier I Presentations to Tier II***

A draft guidance list includes brief introduction to installation, milestones met (SMP or agency related) or upcoming, issues along with resolutions, issues/concerns (top 3 to 5) with which Tier II can assist, interesting sites (1 or 2) or technology being used, general progress, successes (top 3 to 5), and questions for Tier II. Expect 45 minutes for the presentation and 15 minutes for questions and answers. The presentation should focus on the last 12 months and the future.

**Action Item:** Helen will give the draft Tier I Team presentation guidance to Dana Hayworth for the Mayport Team presentation to Tier II in September.

***Training***

Gayle provided training on MBTI. The training consisted of review MBTI and discussion of the different types on the Team and how we interact together. Gayle also provided the Team with interesting articles and handouts to review later.

### *Meeting Closeout*

The action, consensus, and parking lot items were reviewed.

### Next Meeting

The next meeting is scheduled for September 5-6, 2012, at the Embassy Suites in downtown Orlando, Florida. The meeting will be held from 8:30 a.m. until 5:00 p.m. on Wednesday and 8:15 a.m. until noon on Thursday. The team leader will be Jeff James. Sid Allison will handle the logistics of the meeting, and Rich May will be the timekeeper. The Naval Station Mayport Tier I Partnering Teams will be invited to present at the Tier II meeting.

### Future Meeting Dates and Tier I Team to be Invited (tentative)

December 11-12, 2012, in Jacksonville or St. Augustine Orlando Team

### Conference Calls

Monday, July 9, 2012, 3:00 p.m. EST (discuss Tier I form to raise issues to Tier II and Petroleum SMP)

Monday, August 6, 2012, 1:30 p.m. EST

Monday, October 1, 2012, 3:00 p.m. EST

Monday, November 5, 2012, 3:00 p.m. EST

### **Parking Lot Items**

LUC Tracker training for Teams

Five-year review guidance

Training topics

Process (criteria) for Tier I Teams to bring issues to Tier II

Hexavalent chromium – different standards for federal versus private –

NFA Documentation and LUCs for Petroleum Sites

Interim RACRs

Basics of Partnering Workshop (new CLEAN contractor)

Virtual meeting training – new options available