Oxford Park Softball Complex
Field Lighting and Drainage Upgrades

Solutia, Inc. Facility
Anniston, Alabama

April 24, 2012

Prepared for:

Solutia Remediation Department
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1.0 INTRODUCTION

This Soil Management Report has been prepared for the Solutia Inc. (Solutia) Facility located in Anniston, Alabama. It summarizes the details of the athletic fields area lighting and drainage upgrade work performed at the Oxford Lake Softball Complex (the Complex), specifically, the soil management activities conducted as part of the electrical trenching, new light pole auger setting and water drainage management upgrade projects.

The Complex is a city-owned community recreational area located in Oxford, Alabama. The athletic field area covers approximately nine acres in the eastern portion of the Complex and consists of four fenced softball fields that are also used for football and soccer by both adult and youth athletic leagues.

Information obtained during Solutia's Phase 1 Off-Site Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) indicated that there was a potential for polychlorinated biphenyls (PCBs) to have been deposited in the Snow Creek floodplain at the Complex. Therefore, Solutia conducted a preliminary investigation of the area to determine if PCBs were present. Since the preliminary investigation indicated that low levels of PCBs were present, a more through investigation was conducted to characterize the distribution of the PCB containing soils. The sampling program, which was conducted in three stages, began in June of 2000 and was completed in March 2001. Soil data collected during the investigation and interim measure implementation phases of the program are described and presented in a summary report prepared by Genesis Project, Inc. and included in the appendices of this report as Report 1.

The data from the sampling program were utilized to thoroughly assess the extent of PCB contamination and to accurately direct the soil removal portion of the Interim Measures Plan which was conducted by Williams Engineering under the direction of Maverick Construction Management. Soil excavation activities were performed in two phases. During the first phase, "hot spot" areas exceeding 10 mg/kg PCB concentrations were excavated during September and October 2000 based on initial characterization data. The second phase, based on more complete delineation data, was completed during the period January through March 2001.

2.0 SOFTBALL FIELDS LIGHTING UPGRADE

Solutia was notified in August 2010 by Messrs. Don Hudson and Fred Denny that the Oxford Parks and Recreation Department was developing plans to upgrade the lighting of the ball fields at the Oxford Park Softball Complex. Solutia was asked to meet with the Electrical Engineer and Park personnel to determine any need for support from Solutia for soil management of any residual soils potentially impacted by PCBs.

In early September 2010, Solutia, represented by Mr. Jerry Hopper with R.S. Williams & Associates, met with Mr. Gary McCarter, the project Electrical Engineer of McCarter Electrical Engineering Consultants, Mr. Fred Denny, Project Manager for the City of Oxford and Mr. Gary Smith, Oxford Park Grounds Manager. The purpose of the meeting was to discuss and view the areas to be disturbed by the electrical trenching and hole excavations for the new light poles to determine appropriate personnel protection and soil management needs. Gary McCarter agreed to provide a full set of Electrical Site Plan drawings indicating primary and secondary wiring and new light pole locations. Gary Smith advised that the asphalt between the ball fields and around the press box and concession stand area would be surface cut and removed to allow access for the lighting upgrade activity. This was to be conducted by the City of Oxford Road Department under management of Mr. Donald Hart with oversight by Mr. Gary Smith. Mr. Hart and Mr. Smith were advised that no soil can be adhered to any asphalt removed from the site and frequent inspection will be conducted to assure that fact. The removed asphalt was to be disposed at the City of Oxford Landfill.

On November 4, 2010 the bid award meeting was held at the City of Oxford Administrative Offices. The lighting upgrade contract was awarded to Littleton Electric Services of Oxford, Alabama. Mr. Jerry Hopper discussed Solutia's participation with excavation and management of potentially PCB impacted soils during the meeting and requested of Mr. Wes Littleton that Littleton Electric provide a PDF drawing of electrical trenching and new pole locations to include trench and auger hole depths.

On November 8, 2010, Mr. Wes Littleton notified Mr. Jerry Hopper that the requested drawings were available and trenching activity would start in approximately two weeks. The Electrical Site Plan Drawing (E3) from McCarter Electrical Engineering Consultants and the Trenching and Light Pole Locations Drawing from Littleton Electric along with an overlay prepared by Genesis Project Inc. were utilized with detailed review of all existing soil data as illustrated on the depth results diagrams presented in the Oxford Lakes Softball Complex Interim Measures Report dated May 28, 2004 to determine locations where potential PCB soil impact would be at levels to warrant worker exposure or soil management concerns. This review resulted in comparison of results from 1,148 sample locations, many in close proximity to the trenching and light pole auger hole locations.

To comply with electrical code requirements, the primary (high voltage) cable trenching was required to be a minimum of fifty-four inches and the secondary (lower voltage)

cable was required to be at a depth of thirty inches. The holes to set the new concrete light poles were scheduled to be dug by auger to a depth of eleven feet. The information gathered from the intensive, detailed review of all existing soil data resulted in management of nine hundred and seventeen linear feet of the electrical trenching at varied depths around the field fence perimeters and between field access areas possibly containing low levels of PCBs. Of the sixteen new light poles, thirteen were determined to require soil management at varied depths for the auger holes as follows:

- Pole locations (B1), (C7) & (C8) – no management
- Pole (C3) – 12"
- Pole (C6) – 24"
- Poles (A1), (A3), (A4), (B2), (B3), (C1), (C2), (C4) & (C5) – 36"
- Poles (A2) & (B4) – 48"

The existing wooden poles (32) around the ball fields were cut slightly subsurface (6" or less) and required no soil management. The locations of trenching and light poles requiring PCB management support are shown in the attached documentation.

A pre-construction meeting was conducted on November 17, 2010 at the Oxford Park Softball Complex site attended by Messrs. Don Hudson, Fred Denny, Gary McCarter, Wes Littleton and Jerry Hopper. It was agreed that Allen Hall Excavating would handle and manage all soil from areas potentially impacted by PCBs with the appropriately trained personnel. The electrical trenching bottom was covered with geo-textile fabric where potential low-level PCB impacts existed to provide a clean working surface for Littleton Electric personnel while laying conduit and wiring. The deeper primary conduit and wiring (54 inches) was covered by four inches of shotcrete. During the hole augering activity for the concrete light poles, potentially impacted soils were removed from the auger into a backhoe bucket and transported to a staged roll-off box provided by Industrial Waste Inc. The auger was cleaned and dry-brush decontaminated between light pole locations, all by Hall Excavating personnel. The new concrete light poles were set in stone and dense grade aggregate resulting in disposal of impacted soils from the auger activities. Some low level soils were placed in the bottom of the electrical trenches, covered with geo-textile fabric marker and a minimum of twelve inches of clean vegetative material. All these soils were less than 5.0 ppm PCBs based on sample review.

Disposal of soil from the lighting upgrade project resulted in six roll-off boxes containing a total of 90.2 tons shipped to Three Corners Regional Landfill in Piedmont, Alabama from January 19, 2011 thru February 4, 2011 by Taylor Corporation or Industrial Waste, Inc. (see enclosed manifests WMNA 265502 thru WMNA 265507). Trenched areas were vegetated with grass and covered with hay. The Lighting Upgrade Project was completed and all components successfully tested by March 1, 2011. The Project Completion meeting was conducted on March 2, 2011 at which time the City of Oxford Parks and Recreation Department confirmed and accepted satisfactory completion.

3.0 DRAINAGE UPGRADE PROJECT

Following completion of the lighting project, all access areas between the fields were covered with an aggregate material to allow completion of the 2011 softball season. During this period, the field dugouts were expanded which involved minimal soil disturbance for setting new poles. A total volume of 3.9 cubic yards of potentially PCB impacted soil was managed in an Industrial Waste Inc. roll-off container and eventually transported to Three Corners Landfill on April 21, 2011 as part of Manifest WMNA 00396152.

During the Winter of 2011-2012, a Drainage Upgrade Project was conducted to allow better stormwater management of the ball fields and adjacent areas. Additional trenching was conducted for installation of a french drain system directed to an eight inch ductile iron pipe discharging into a drain swale east of the Complex and emptying into the drainage ditch along I-20 highway and eventually to Snow Creek. The area between the fields and around the Press Box / Concession Area was also graded for a new concrete surface which would direct run-off to the drain system. This project was conducted by Taylor Corporation of Oxford, Alabama under management by Mr. Donn Williams of Williams Services with City of Oxford oversight by Mr. Fred Denny. The project was completed in February 2012 prior to start of the 2012 softball season. Soil generated from the project was contained in roll-off boxes provided by Industrial Waste Inc. and stored at Taylor Corporation until sampled by Genesis Project, Inc. The results summary is included in the Memo to Gayle Macolly from Mike Price of Genesis Project, Inc. as Oxford Lakes Softball Complex Drainage Improvement Project Excavation Roll-off Container Soil Sampling Results, Anniston PCB Site, Anniston, AL dated February 28, 2012. This summary is included in the Reports section as Report 2. Sample results confirmed all containers held low-level PCB impacted soils. The seven roll-off containers were shipped to Three Corners Landfill in Piedmont, Alabama from March 8 thru March 23, 2012 and involved a total weight of 140.03 tons. Manifests WMNA#00396156 through WMNA#00396162 are included in the appendices.

4.0 INSPECTION AND MAINTENANCE

A representative of Solutia will inspect the Complex semi-annually and following significant storm events for indications of integrity compromise such as excessive settlement or erosion in accordance with Solutia's "Comprehensive Operations and Maintenance Plan for Remedial/Corrective Action Projects" (Revision 2.0, April 2003). The inspections are documented on an inspection log and maintained at the Solutia plant. The log includes the date and time of the inspection, the name of the inspector and notes on the general observations noting in particular items that need repair or maintenance.

The City of Oxford has assumed responsibility for maintenance of the ballfields. Within two weeks of the inspection, the inspector will notify the City of Oxford of any routine or non-routine repairs required. The inspection log will identify the action items and date of notification to the City of Oxford who will perform the required maintenance activities.

Genesis Project, Inc.
Environmental Services

Memo

To: Craig Branchfield, Solutia

From: Michael Price, Genesis Project, Inc. MCP

CC: John Loper, The Loper Group, Inc.

Tom Buggey, Roux Associates, Inc.

Date: April 21, 2004

Re: Oxford Lake Softball Complex, Oxford AL

Genesis Project has completed the soil-sampling program presented in the *RCRA Facility Investigation Results and Interim Measures Plan for Softball Fields at the Oxford Lakes Softball Complex (January 10, 2001, Golder Associates).* The purpose of this sampling program was to thoroughly assess the extent of PCB contamination and use this data to accurately direct the soil removal portion of the Interim Measures Plan.

The sampling program, which was conducted in three stages, began in June 2000 and was completed in March 2001. The initial stage of work consisted of an initial screening of PCB contamination across the entire site. Stage two involved delineation of areas of concern within the softball complex and spot removal of impacted soil exhibiting concentrations greater than 10 parts per million (ppm). The third stage of the sampling program was related to the confirmation of interim measures activities.

Stage One: Initial Site Screening

The initial stage of work consisted of a preliminary screening of the entire site. The sampling event began in June and was completed in August 2000 in accordance with the protocols set forth in the *Sampling and Analysis Quality Assurance Plan for Soil Sampling at the Oxford Lake Softball Complex (August 9, 2000, Genesis Project, Inc.).* The purpose of this sampling event was to determine whether PCB-affected soils were present within the property boundaries and, if necessary, develop a comprehensive investigation program to complete a thorough evaluation of the site.

Sampling Procedures

Following a review of all relevant data, an initial grid spacing of approximately 50 yards was selected for sampling the entire site. The sampling grid was laid out using pacing techniques. Sampling began adjacent to Snow Creek and proceeded eastward towards the softball fields. The first 28 sample locations (OLHA-1 to OLHA-28) were sampled using hand auger techniques. Each of the 28 locations was sampled at the 0-6" depth interval. Sample locations

are shown on Figures 1a, 1b, 1c, and 1d. Depth samples were collected at the 12-18" depth interval at selected locations, if refusal was not encountered. The results of this preliminary investigation are found in the *Sampling and Analysis Quality Assurance Plan for Soil Sampling at the Oxford Lakes Softball Complex (August 9, 2000, Genesis Project, Inc.)*. The results are also included on Table 1.

Implementation of the Work Plan began on August 8, 2000. This sampling included both the west and east sides of the complex. All accessible areas on the west side of the complex (which includes the park area to the north and south side of Recreation Drive) were sampled using 100-foot grid spacing between August 8 and August 11, 2000. Soil sampling points (OLGP-1 to OLGP-86) were completed using direct push technology (DPT) provided by Environmental Services Network (ESN). All sample locations were recorded using Global Positioning System (GPS) surveying. The sample locations are shown on Figure 1a. Soil samples were collected from the 0-6", 12-18", 24-30", and the 42-48" depth intervals. Minor variations in the sampling intervals exist at depth (greater than 24 inches below land surface) depending on subsurface conditions.

Sampling on the east side of the complex, which included the softball fields (fields "A", "B", "C", and "D") was completed between August 24 and August 28, 2000. This area was also sampled on a 100-foot grid spacing with a few modifications requested by the Environmental Protection Agency (EPA). The EPA requested that the surface samples be modified to only include the top three inches instead of six as outlined in the Work Plan. Soil sampling points OLGP-87 to OLGP-150 were collected at 0-3", 12-18", 24-30", and 42-48" intervals using DPT as specified in the Work Plan. Minor variations in the sampling intervals exist at depth (greater than 24 inches below land surface) depending on subsurface conditions.

Additionally, the EPA requested that, within the 100-foot grid area, additional surface samples be collected at fifty-foot intervals within the playing fields used for football and at various other selected locations within the complex. These soil samples (OLHA-29 to OLHA-106) were collected at ground surface (0-3"). These additional surface samples consisted of:

- A fifty-foot interval within the 100-foot grid within the limits of ballfields "A", "C", and "D";
- At each of the bases (1st, 2nd, 3rd and home plate) and the pitching mound on all ballfields;
- At the "play park" located on the southeast side of the complex;
- Within designated "warm-up areas" between fields D&C and D&A; and
- Adjacent to benches located between fields C&B and A&B.

These soil samples were collected using a hand auger and were completed concurrent with the collection of the DPT samples. All sample locations were recorded using GPS surveying. The sampling locations are presented on Figures 1b, 1c, and 1d.

The EPA also requested that two composite samples be collected from stockpiles of infield fill material located adjacent to the Oxford Lakes Softball Complex. These samples (OLSP-001 and

OLSP-002) were collected using a hand auger and were completed concurrent with the other sampling.

Soil Sample Analyses and Results

All soil samples collected from the park north of the Recreation Drive, and all samples collected within the ball fields were field screened for PCBs greater than or equal to 1 ppm, and greater than or equal to 50 ppm by U.S. Environmental Protection Agency (USEPA) Method 4020. The field screening results for the initial samples collected from the park south of Recreation Drive were consistently elevated. Therefore, the decision was made to halt field screening and submit the remaining samples collected south of Recreation Drive directly to the laboratory for analysis. Please refer to Table 1 for a summary of all PCB field screening results.

Following a review of field screening results, all soil samples which screened greater than 1 ppm PCBs were submitted to STL Savannah Laboratories for PCB analysis by USEPA Method 8082. The laboratory results were summed for all aroclors to give a total PCB concentration for each sample. Please refer to Table 1 (OLHA and OLGP) and Table 4 (OLSP) for a summary of all analytical results. All results are illustrated on Figures 2a, 2b, 3a, 3b, 4a, 4b, 5a, and 5b. Attachment 1 includes copies of all laboratory analytical reports.

Stage Two: Site Delineation and Spot Removal

The second stage of the sampling program focused on delineation of surface soil contamination and on spot-removal of areas of concern within the Oxford Lakes Softball Complex (Fields A, C, and D). This stage of work was made up of a preliminary phase conducted in September and October 2000, which included the spot-removal excavation and partial delineation of contamination. Based on field screening and laboratory analytical data, areas containing PCBs in concentrations exceeding 10 ppm were excavated by Allen Hall Excavation. The secondary phase consisted of the final delineation process and was completed from January to March 2001.

Sampling Procedures

In September and October 2000, Genesis Project supervised the spot-removal of 21 areas identified in Stage One as containing PCBs in concentrations greater than or equal to 10 ppm. Using GPS data, these areas were located, and a 10'X10' boundary was marked around each sample point. The soil within the boundary was excavated to a depth of one foot. Prior to the excavation of each area, soil samples (HA-107 to HA-148, HA-173 and HA-174, HA-235 and HA-236, HA-258 to HA-260, and HA-268) were collected at each location to refusal or a depth of 12" for soil disposal profiling purposes.

During the spot-removal activities, the focused delineation of the surface soil contamination was started. The sampling grid was modified from 50 to 10 foot centers and was laid out surrounding the 21 areas of contamination greater than or equal to 10 ppm PCBs. Beginning with the original surface points, surface soil samples (HA-149 to HA-172, and HA-175 to HA-234, HA-237 to HA-257, HA-261 to HA-267, and HA-269 to HA-283) were collected at a depth of 0-3" in four

directions along the 10 foot center sampling grid. As the delineation process progressed, a number of the original 10'X10' boundaries were expanded to include additional areas of contamination. Delineation sample points are presented on Figures 1b, 1c, and 1d.

Because of time constraints, the delineation of surface contamination greater than or equal to 10 ppm was halted, and the spot delineation process was completed as originally planned. Following the completion of each spot-removal, post-excavation surface soil samples (EX-1 to EX-25) were collected. Post-excavation sample locations are shown on Figure 6.

The excavations were backfilled with clean soil from a local borrow source. The fill material was stockpiled onsite and 4 composite samples (OLSP-003 to OLSP-006) were collected using a hand auger.

In January 2001, the secondary phase of surface soil contamination delineation was begun. This phase was a continuance of the focused delineation of areas containing PCBs in concentrations greater than or equal to 10 ppm which was halted in October 2000. During this sampling event, soil contamination containing PCBs in concentrations exceeding 50 ppm were discovered. The delineation process was modified to include the delineation of surface soil contamination greater than or equal to 50 ppm PCBs.

To remain consistent with the previous delineation activities, soil samples (HA-284 through HA-432) were collected at a depth of 0-3" along an approximate 10 foot sampling grid. The grid was expanded until all surface soil contamination greater than 10 ppm and 50 ppm was fully delineated within the softball complex. Delineation sample points are presented in Figures 1b, 1c, and 1d.

Soil Sample Analyses and Results

All delineation soil samples were field screened for PCBs greater than or equal to 10 ppm, and greater than or equal to 50 ppm by USEPA Method 4020. Please refer to Table 1 for a summary of all PCB field screening analytical results.

Following a review of field screening results, all delineation soil samples which screened greater than or equal to 10 ppm and all post-excavation soil samples were then submitted to STL Savannah Laboratories for PCB analysis by USEPA Method 8082. The laboratory results were summed for all aroclors to give a total PCB concentration for each sample. The surface delineation results are illustrated on Figure 2b. Please refer to Table 1 (OLHA), Table 2 (EX), and Table 4 (FD) for a summary of all soil sample analytical results. Attachment 1 includes copies of all laboratory analytical reports.

Stage Three: Interim Measures Contamination Delineation and Soil Removal:

The final stage of the sampling program was in support of the interim measures activities conducted on surface soil within fields A, C, and D of the Oxford Lakes Softball Complex. Soil was removed by Williams Engineering under the direction of Maverick Construction Management, to a minimum depth of three inches across the entire site. Twelve inches of soil

was removed within the infield areas of these fields as well as any areas in the outfield where PCB concentrations were confirmed greater than or equal to 10 ppm. Excavated material was then stockpiled in a secure onsite location, and clean soil was brought in to fill the area of excavation.

The excavation and removal of surface soils was conducted over a period of several weeks from January to March 2001. Throughout this process, Genesis Project completed a sampling program to achieve three (3) objectives. The objectives of the sampling program was to 1) quantify the PCB concentration in excavated material for disposal purposes, 2) quantify PCB contamination in post excavation surfaces, and 3) confirm the fill material was free of PCB concentration.

Sampling Procedures

Excavated Material:

Composite soil samples (designated as SR) were collected during the soil removal process from areas containing less than 50 ppm PCBs. The purpose of this sampling was to confirm that all soil was handled and disposed of properly. Samples were collected at 30 minute intervals during the excavation process and were composited approximately every two hours into one sample. Each sample was collected utilizing a stainless steel spoon and thoroughly mixed in a stainless steel bowl before being placed into a clean sample jar.

Post Excavation Surfaces:

Following the removal of the excavated material, composite soil samples (designated as EX) were collected from the post excavation surface. All areas in which the surface PCB contamination levels were confirmed less than 50 ppm were sampled on a 25 foot grid pattern. In areas with PCB concentrations greater than or equal to 50 ppm, composite samples were collected on a 5 foot sampling grid. Composite soil samples were collected from the center of each grid square and consisted of no more than eight adjacent grid squares. Each sample was collected at a depth of 0-3" from the post excavation surface utilizing a stainless steel spoon, thoroughly mixed in a stainless steel bowl, and placed in a clean sample jar.

Post-excavation samples EX-54, EX-55, EX-57, EX-58, EX-76 to EX-88, and EX-90 to EX-102 were collected under the greater than 50 ppm areas and are shown on Figure 6.

Post-excavation samples EX-24A to EX-53, EX-56, EX-59 to EX-75, EX-89, and EX-103 to EX-106 were collected from the post-excavation surface beneath the less 50 ppm areas and are shown on Figure 6.

Fill Material:

After the assessment of the post excavation surface, the area of excavation was filled with clean soil from a local borrow source. In order to ensure the quality of the fill material, six composite soil samples (FD-1 through FD-6) were collected directly from the borrow source. Additional composite samples (FD-7 through FD-35) also were collected as the fill material was brought onsite. All

samples were collected utilizing a stainless steel spoon, thoroughly mixed in a stainless steel bowl, and placed in a clean sample jar.

Soil Sample Analyses and Results

All soil samples collected from the excavated material (SR) and a select few soil samples collected from the post excavation surfaces (EX) were field screened for PCBs by USEPA method 4020. All soil samples collected from fill material (FD) were field screened for PCBs USEPA method 4020. Please refer to Table 2 (EX), Table 3 (SR), and Table 4 (FD) for a summary of the PCB field screening analytical results for these soil samples.

All soil samples collected from excavated material (SR) and post excavation surfaces (EX) as well as a select number of fill material samples (FD) were submitted to STL Savannah Laboratories for PCB analysis by USEPA Method 8082. The laboratory results were summed for all aroclors to give a total PCB concentration for each sample. Please refer to Table 2 (EX), Table 3 (SR), and Table 4 (FD) for a summary of the analytical results for these soil samples. Attachment 1 includes copies of all laboratory analytical reports.

Equipment Blanks

Equipment blanks were collected throughout the investigation, delineation, and corrective measures phases of the work. The equipment blanks were collected from a known clean source of soil with decontaminated sampling equipment to ensure the decontamination process was successful. Equipment blanks were field screened by USEPA Method 4020 and/or submitted to STL savannah Laborites for PCB Analysis by USEPA Method 8082. The equipment blank results are summarized on Table 5. Attachment 1 includes copies of all laboratory analytical reports.

Memo

To:	Gayle Macolly, Solutia
From:	Michael Price, Genesis Project, Inc.
cc:	John Loper, The Loper Group
	Jerry Hopper, R S Williams Associates
	Donn Williams, Williams Services
Date:	February 28, 2012
Re:	Oxford Lakes Softball Complex Drainage Improvement Project Excavation Roll-Off Container Soil Sampling Results, Anniston PCB Site, Anniston, AL.

On January 11, 2012 Genesis Project, Inc. completed a soil sampling event from seven roll-off containers located at the offices of Taylor Construction Corporation at 2255 Hwy 78 East, Oxford, Alabama. The roll-off containers contained excavated soil from a drainage improvement project excavation at the Oxford Lakes Softball Complex in Oxford, Alabama. The purpose of this sampling event was to determine the concentrations of polychlorinated biphenyls (PCBs) and lead, if any, in the soil, to characterize the material for disposal.

Sampling Procedures

One composite sample was collected from each of the roll-off containers utilizing a stainless steel hand auger. Three aliquots were collected from each container at various depths and combined to form a single composite sample. The aliquots were thoroughly mixed with a stainless steel spoon in a stainless steel bowl before being placed in a clean, 4oz sample jar.

Soil Sample Results

The composite soil samples were field screened for PCBs by USEPA Method 4020. The field screening results indicated that the excavated soils were greater than 1ppm but less than 50 ppm PCBs with the exception of sample 13124841 which had a field screening result of greater than 50 ppm PCBs. To confirm the field screening results the soil samples were submitted to TestAmerica Laboratories in Savannah, Georgia for PCB analysis by EPA method 8082. The laboratory analytical results determined that the greater than 50 result for sample 13124841 was a false positive. In addition, the samples were analyzed for lead by EPA Method 6010B and toxicity characteristic leaching procedure (TCLP) lead by EPA Method 1311/6010B. The results of the field screening and laboratory analysis are included in Table 1, and copies of the validated laboratory reports are included as Attachment 1.

TABLE 1

Table 1. Field Screening and Laboratory Analatyical Results
Oxford Lakes Softball Complex Drainage Improvement Project Excavation Roll-Off Containers
Anniston PCB Site, Anniston, Alabama

Sample ID	Date Sampled	Field Screening Level (ppm)	Lead Result (mg/kg)	TCLP Lead result (mg/kg)	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Aroclor 1268 (mg/kg)	Total PCB Concentration (mg/kg)
113098	1/24/2012	>1,<50	160 J	<0.20	<0.036	<0.73	<0.36	<0.36	2.1	1.9 J	2.1	0.59	6.7 J
13121923	1/24/2012	>1,<50	170 J	<0.20	<0.38	<0.77	<0.38	<0.38	1.2 J	4.4	2.4	0.60	8.6 J
13124841	1/24/2012	>50	200 J	<0.20	<0.37	<0.76	<0.37	<0.37	3.0	3.9	1.9	0.49	9.3
107901	1/24/2012	>1,<50	180 J	<0.20	<0.19	<0.38	<0.19	<0.19	1.2	1.3 J	1.1	0.30	3.9 J
107771	1/24/2012	>1,<50	140 J	<0.20	<0.18	<0.36	<0.18	<0.18	1.4	2.2	1.3	0.34	5.2
107921	1/24/2012	>1,<50	120 J	<0.20	<0.18	<0.37	<0.18	<0.18	1.7	2.6	1.4	0.33	6.0
13124845	1/24/2012	>1, <50	280 J	<0.20	<0.37	<0.75	<0.37	<0.37	2.9	6.8	3.8	0.93	14.4

FOOTNOTES:

<- Analyte was not detected at or above the indicated concentration
ppm - parts per million
mg/kg - milligrams per kilogram
J - Value has been qualified as estimated
TCLP - Toxicity Characteristic Leaching Procedure

ATTACHMENT 1

QA LEVEL II - ORGANIC DATA EVALUATION CHECKLIST

Company Name: _____ Project Manager: _____

Project Name: CERCLA – Oxford Park Soil Project Number: _____

Reviewer: Tiffany Messier Validation Date: 01/31/2012

Laboratory: Test America Savannah SDG #:680-75929-1

Analytical Method (type and no.): PCB (8082)

Matrix: ☐ Air ☒ Soil/Sed. ☐ Water ☐ Waste ☐ _____

Sample Names 113098, 13121923, 13124841, 107901, 107771, 107921, 13124845

NOTE: Please provide calculation in Comment areas or on the back (if on the back please indicate in comment areas).

Field Information	YES	NO	NA	COMMENTS
a) Sampling dates noted?	☒	☐	☐	
b) Sampling team indicated?	☒	☐	☐	
c) Sample location noted?	☒	☐	☐	
d) Sample depth indicated (Soils)?	☐	☐	☒	
e) Sample type indicated (grab/composite)?	☒	☐	☐	
f) Field QC noted?	☐	☐	☒	
g) Field parameters collected (note types)?	☐	☐	☒	
h) Field Calibration within control limits?	☐	☐	☒	
i) Notations of unacceptable field conditions/performances from field logs or field notes?	☐	☒	☐	
j) Does the laboratory narrative indicate deficiencies?	☐	☒	☐	

Note Deficiencies: _____

Chain-of-Custody (COC)	YES	NO	NA	COMMENTS
a) Was the COC properly completed?	☒	☐	☐	
b) Was the COC signed by both field and laboratory personnel?	☒	☐	☐	
c) Were samples received in good condition?	☒	☐	☐	

General (reference QAPP or Method)	YES	NO	NA	COMMENTS
a) Were hold times met for sample pretreatment?	☒	☐	☐	
b) Were hold times met for sample analysis?	☒	☐	☐	
c) Were the correct preservatives used?	☒	☐	☐	
d) Was the correct method used?	☒	☐	☐	
e) Were appropriate reporting limits achieved?	☒	☐	☐	107771,107921,13124845
f) Were any sample dilutions noted?	☒	☐	☐	113098,13121923,13124841, 107901,
g) Were any matrix problems noted?	☒	☐	☐	1268 interference w/ DCB

QA LEVEL II - ORGANIC DATA EVALUATION CHECKLIST

Blanks	YES	NO	NA	COMMENTS
a) Were analytes detected in the method blank(s)?	☐	☒	☐	
b) Were analytes detected in the field blank(s)?	☐	☐	☒	
c) Were analytes detected in the equipment blank(s)?	☐	☐	☒	
d) Were analytes detected in the trip blank(s)?	☐	☐	☒	

Laboratory Control Sample (LCS)	YES	NO	NA	COMMENTS
a) Was a LCS analyzed once per SDG?	☒	☐	☐	
b) Were the proper compounds included in the LCS?	☒	☐	☐	
c) Was the LCS accuracy criteria met?	☒	☐	☐	

Duplicates	YES	NO	NA	COMMENTS
a) Were field duplicates collected (note original and duplicate sample names)?	☐	☒	☐	
b) Were field dup. precision criteria met (note RPD)?	☐	☐	☒	
c) Were lab duplicates analyzed (note original and duplicate samples)?	☐	☒	☐	
d) Were lab dup. precision criteria met (note RPD)?	☐	☐	☒	

Blind Standards	YES	NO	NA	COMMENTS
a) Was a blind standard used (indicate name, compounds included and concentrations)?	☐	☒	☐	
b) Was the %D within control limits?	☐	☐	☒	

Matrix Spike/Matrix Spike Duplicate (MS/MSD)	YES	NO	NA	COMMENTS
a) Was MS accuracy criteria met?	☒	☐	☐	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
b) Was MSD accuracy criteria met?	☒	☐	☐	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
c) Were MS/MSD precision criteria met?	☒	☐	☐	

Surrogate Spikes	YES	NO	NA	COMMENTS
a) Were surrogate recoveries within control limits?	☒	☒	☐	See Below
b) Were surrogate recoveries not calculated due to dilutions?	☒	☐	☐	113098, 13121923, 13124841, 13124845

Comments/Notes:

Several samples had elevated DCB recoveries w/ 1268, TCX recoveries acceptable, no data effected.

QA LEVEL II - ORGANIC DATA EVALUATION CHECKLIST

Data Qualification:

Sample Name	Constituent(s)	Result	Qualifier	Reason
113098	1254	1900	J	>40% D between GC columns
13121923	1248	1200	J	>40% D between GC columns
107901	1254	1300	J	>40% D between GC columns

Signature: Tiffany Messer

Date: 02/09/12

MCP

QA LEVEL II - INORGANIC DATA EVALUATION CHECKLIST

Company Name: _____ Project Manager: _____

Project Name: CERLA Oxford Park Soil Project Number: _____

Reviewer: Tiffany Messier Validation Date: 01/31/2012

Laboratory: Test America Savannah SDG #: 680-75929-1

Analytical Method (type and no.): Pb (6010B)

Matrix: ☐ Air ☒ Soil/Sed. ☐ Water ☐ Waste ☐ _____

Sample Names: 113098, 13121923, 13124841, 107901, 107771,107921, 13124845

NOTE: Please provide calculation in Comment areas or on the back (if on the back please indicate in comment areas).

Field Information	YES	NO	NA	COMMENTS
a) Sampling dates noted?	☒	☐	☐	
b) Sampling team indicated?	☒	☐	☐	
c) Sample location noted?	☒	☐	☐	
d) Sample depth indicated (Soils)?	☐	☐	☒	
e) Sample type indicated (grab/composite)?	☒	☐	☐	
f) Field QC noted?	☐	☐	☒	
g) Field parameters collected (note types)?	☐	☐	☒	
h) Field Calibration within control limits?	☐	☐	☒	
i) Notations of unacceptable field conditions/performances from field logs or field notes?	☐	☒	☐	
j) Does the laboratory narrative indicate deficiencies?	☐	☒	☐	

Note Deficiencies: _____

Chain-of-Custody (COC)	YES	NO	NA	COMMENTS
a) Was the COC properly completed?	☒	☐	☐	
b) Was the COC signed by both field and laboratory personnel?	☒	☐	☐	
c) Were samples received in good condition?	☒	☐	☐	

General (reference QAPP or Method)	YES	NO	NA	COMMENTS
a) Were hold times met for sample pretreatment?	☒	☐	☐	
b) Were hold times met for sample analysis?	☒	☐	☐	
c) Were the correct preservatives used?	☒	☐	☐	
d) Was the correct method used?	☒	☐	☐	
e) Were appropriate reporting limits achieved?	☒	☐	☐	
f) Were any sample dilutions noted?	☐	☒	☐	
g) Were any matrix problems noted?	☐	☒	☐	

QA LEVEL II - INORGANIC DATA EVALUATION CHECKLIST

Blanks	YES	NO	NA	COMMENTS
a) Were analytes detected in the method blank(s)?	☐	☒	☐	
b) Were analytes detected in the field blank(s)?	☐	☐	☒	
c) Were analytes detected in the equipment blank(s)?	☐	☐	☒	
d) Were analytes detected in the trip blank(s)?	☐	☐	☒	

Laboratory Control Sample (LCS)	YES	NO	NA	COMMENTS
a) Was a LCS analyzed once per SDG?	☒	☐	☐	
b) Were the proper compounds included in the LCS?	☒	☐	☐	
c) Was the LCS accuracy criteria met?	☒	☐	☐	

Duplicates	YES	NO	NA	COMMENTS
a) Were field duplicates collected (note original and duplicate sample names)?				
	☐	☒	☐	
b) Were field dup. precision criteria met (note RPD)?	☐	☐	☒	
c) Were lab duplicates analyzed (note original and duplicate samples)?				
	☐	☒	☐	
d) Were lab dup. precision criteria met (note RPD)?	☐	☐	☒	

Blind Standards	YES	NO	NA	COMMENTS
a) Was a blind standard used (indicate name, compounds included and concentrations)?	☐	☒	☐	
b) Was the %D within control limits?	☐	☐	☒	

Matrix Spike/Matrix Spike Duplicate (MS/MSD)	YES	NO	NA	COMMENTS
a) Was MS accuracy criteria met?	☒	☐	☐	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
b) Was MSD accuracy criteria met?	☐	☒	☐	Elevated MSD recovery
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
c) Were MS/MSD precision criteria met?	☒	☐	☐	

Comments/Notes:

QA LEVEL II - INORGANIC DATA EVALUATION CHECKLIST

Data Qualification:

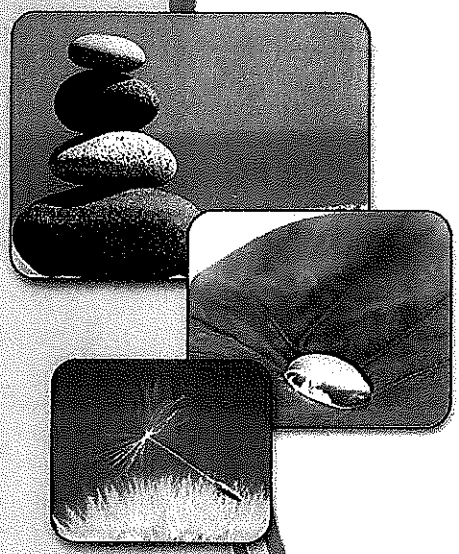
Sample Name	Constituent(s)	Result	Qualifier	Reason
113098	Pb	160	J	Elevated MSD recovery
13121923	Pb	170	J	Elevated MSD recovery
13124841	Pb	200	J	Elevated MSD recovery
107901	Pb	180	J	Elevated MSD recovery
107771	Pb	140	J	Elevated MSD recovery
107921	Pb	120	J	Elevated MSD recovery
13124845	Pb	280	J	Elevated MSD recovery

Signature: Bethany Nesse Date: 02/09/2012

VL

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-75929-1
Client Project/Site: CERCLA - Oxford Park Soils JAN 2012
Revision: 1

For:
Solutia Inc.
702 Clydesdale Ave.
Anniston, Alabama 36201-5328

Attn: Ms. Gayle Macolly

Lidya Gulizia

Authorized for release by:
2/8/2012 4:55:20 PM

Lidya Gulizia
Project Manager II
lidya.gulizia@testamericainc.com

cc: Golder Associate Inc. Genesis Project, Inc.

Table of Contents

Job ID: 680-75929-1

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Laboratory: TestAmerica Savannah

Narrative

Job Narrative
680-75929-1 Revised

Receipt
All samples were received in good condition within temperature requirements.

GC Semi VOA
Method(s) 8081A_8082: Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: 107771 (680-75929-5), 107901 (680-75929-4), 107921 (680-75929-6) and (LCSSRM 680-226273/21). These results have been reported and qualified.

Method(s) 8081A_8082: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: 113098 (680-75929-1), 13121923 (680-75929-2), 13124841 (680-75929-3), 13124845 (680-75929-7).

No other analytical or quality issues were noted.

Metals
Method(s) 6010: The matrix spike recovery for lead in client sample 113098 (680-75929-1) exceeded the upper control limit. The associated laboratory control sample and matrix spike met acceptance limits.

No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Comments
The report was revised on February 8, 2012 in order to report the batch matrix spike/matrix spike duplicate (MS/MSD) sample QC results for PCB preparation batch 226273 which were performed on a non-client project sample.

No other additional comments.

Sample Summary

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park Soils JAN 2012

TestAmerica Job ID: 680-75929-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-75929-1	113098	Solid	01/11/12 13:25	01/12/12 08:24
680-75929-2	13121923	Solid	01/11/12 13:20	01/12/12 08:24
680-75929-3	13124841	Solid	01/11/12 13:30	01/12/12 08:24
680-75929-4	107901	Solid	01/11/12 13:35	01/12/12 08:24
680-75929-5	107771	Solid	01/11/12 13:40	01/12/12 08:24
680-75929-6	107921	Solid	01/11/12 13:45	01/12/12 08:24
680-75929-7	13124845	Solid	01/11/12 13:50	01/12/12 08:24

Method Summary

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park Soils JAN 2012

TestAmerica Job ID: 680-75929-1

Method	Method Description	Protocol	Laboratory
8081A_8082	Organochlorine Pesticides & PCBs (GC)	SW846	TAL SAV
6010B	Metals (ICP)	SW846	TAL SAV

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Protocol References:

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

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

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)

Detection Summary

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park Soils JAN 2012

TestAmerica Job ID: 680-75929-1

Client Sample ID: 113098 — Lab Sample ID: 680-75929-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	2100		360		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1254	1900	p	360		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1260	2100		360		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1268	590		360		ug/Kg	10	☼	8081A_8082	Total/NA
Lead	160		1.0		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: 13121923 — Lab Sample ID: 680-75929-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	1200	p	380		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1254	4400		380		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1260	2400		380		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1268	600		380		ug/Kg	10	☼	8081A_8082	Total/NA
Lead	170		1.1		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: 13124841 — Lab Sample ID: 680-75929-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	3000		370		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1254	3900		370		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1260	1900		370		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1268	490		370		ug/Kg	10	☼	8081A_8082	Total/NA
Lead	200		1.1		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: 107901 — Lab Sample ID: 680-75929-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	1200		190		ug/Kg	5	☼	8081A_8082	Total/NA
PCB-1254	1300	p	190		ug/Kg	5	☼	8081A_8082	Total/NA
PCB-1260	1100		190		ug/Kg	5	☼	8081A_8082	Total/NA
PCB-1268	300		190		ug/Kg	5	☼	8081A_8082	Total/NA
Lead	180		1.1		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: 107771 — Lab Sample ID: 680-75929-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	1400		180		ug/Kg	5	☼	8081A_8082	Total/NA
PCB-1254	2200		180		ug/Kg	5	☼	8081A_8082	Total/NA
PCB-1260	1300		180		ug/Kg	5	☼	8081A_8082	Total/NA
PCB-1268	340		180		ug/Kg	5	☼	8081A_8082	Total/NA
Lead	140		0.99		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: 107921 — Lab Sample ID: 680-75929-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	1700		180		ug/Kg	5	☼	8081A_8082	Total/NA
PCB-1254	2600		180		ug/Kg	5	☼	8081A_8082	Total/NA
PCB-1260	1400		180		ug/Kg	5	☼	8081A_8082	Total/NA
PCB-1268	330		180		ug/Kg	5	☼	8081A_8082	Total/NA
Lead	120		1.1		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: 13124845 — Lab Sample ID: 680-75929-7

Client Sample ID: 13124845 (Continued) **Lab Sample ID: 680-75929-7**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	2900		370		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1254	6800		370		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1260	3800		370		ug/Kg	10	☼	8081A_8082	Total/NA
PCB-1268	930		370		ug/Kg	10	☼	8081A_8082	Total/NA
Lead	280		1.1		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: 113098
Date Collected: 01/11/12 13:25
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-1
Matrix: Solid
Percent Solids: 90.5

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<360		360		ug/Kg	☼	01/16/12 18:10	01/18/12 14:50	10
PCB-1221	<730		730		ug/Kg	☼	01/16/12 18:10	01/18/12 14:50	10
PCB-1232	<360		360		ug/Kg	☼	01/16/12 18:10	01/18/12 14:50	10
PCB-1242	<360		360		ug/Kg	☼	01/16/12 18:10	01/18/12 14:50	10
PCB-1248	2100		360		ug/Kg	☼	01/16/12 18:10	01/18/12 14:50	10
PCB-1254	1900	p J	360		ug/Kg	☼	01/16/12 18:10	01/18/12 14:50	10
PCB-1260	2100		360		ug/Kg	☼	01/16/12 18:10	01/18/12 14:50	10
PCB-1268	590		360		ug/Kg	☼	01/16/12 18:10	01/18/12 14:50	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*D*	*54 - 133*	*01/16/12 18:10*	*01/18/12 14:50*	*10*
DCB Decachlorobiphenyl	*0*	*D*	*54 - 133*	*01/16/12 18:10*	*01/18/12 14:50*	*10*
Tetrachloro-m-xylene	*0*	*D*	*46 - 130*	*01/16/12 18:10*	*01/18/12 14:50*	*10*
Tetrachloro-m-xylene	*0*	*D*	*46 - 130*	*01/16/12 18:10*	*01/18/12 14:50*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	160	J	1.0		mg/Kg	☼	01/13/12 08:20	01/16/12 21:46	1

Client Sample ID: 13121923
Date Collected: 01/11/12 13:20
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-2
Matrix: Solid
Percent Solids: 85.0

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<380		380		ug/Kg	☼	01/16/12 18:10	01/18/12 15:08	10
PCB-1221	<770		770		ug/Kg	☼	01/16/12 18:10	01/18/12 15:08	10
PCB-1232	<380		380		ug/Kg	☼	01/16/12 18:10	01/18/12 15:08	10
PCB-1242	<380	J	380		ug/Kg	☼	01/16/12 18:10	01/18/12 15:08	10
PCB-1248	1200	p J	380		ug/Kg	☼	01/16/12 18:10	01/18/12 15:08	10
PCB-1254	4400		380		ug/Kg	☼	01/16/12 18:10	01/18/12 15:08	10
PCB-1260	2400		380		ug/Kg	☼	01/16/12 18:10	01/18/12 15:08	10
PCB-1268	600		380		ug/Kg	☼	01/16/12 18:10	01/18/12 15:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*D*	*54 - 133*	*01/16/12 18:10*	*01/18/12 15:08*	*10*
DCB Decachlorobiphenyl	*0*	*D*	*54 - 133*	*01/16/12 18:10*	*01/18/12 15:08*	*10*
Tetrachloro-m-xylene	*0*	*D*	*46 - 130*	*01/16/12 18:10*	*01/18/12 15:08*	*10*
Tetrachloro-m-xylene	*0*	*D*	*46 - 130*	*01/16/12 18:10*	*01/18/12 15:08*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	170	J	1.1		mg/Kg	☼	01/16/12 11:20	01/16/12 21:42	1

Client Sample ID: 13124841
Date Collected: 01/11/12 13:30
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-3
Matrix: Solid
Percent Solids: 86.7

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<370		370		ug/Kg	☼	01/16/12 18:10	01/18/12 15:27	10
PCB-1221	<760		760		ug/Kg	☼	01/16/12 18:10	01/18/12 15:27	10
PCB-1232	<370		370		ug/Kg	☼	01/16/12 18:10	01/18/12 15:27	10
PCB-1242	<370		370		ug/Kg	☼	01/16/12 18:10	01/18/12 15:27	10
PCB-1248	3000		370		ug/Kg	☼	01/16/12 18:10	01/18/12 15:27	10
PCB-1254	3900		370		ug/Kg	☼	01/16/12 18:10	01/18/12 15:27	10
PCB-1260	1900		370		ug/Kg	☼	01/16/12 18:10	01/18/12 15:27	10
PCB-1268	490		370		ug/Kg	☼	01/16/12 18:10	01/18/12 15:27	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*D*	*54 - 133*	*01/16/12 18:10*	*01/18/12 15:27*	*10*
DCB Decachlorobiphenyl	*0*	*D*	*54 - 133*	*01/16/12 18:10*	*01/18/12 15:27*	*10*
Tetrachloro-m-xylene	*0*	*D*	*46 - 130*	*01/16/12 18:10*	*01/18/12 15:27*	*10*
Tetrachloro-m-xylene	*0*	*D*	*46 - 130*	*01/16/12 18:10*	*01/18/12 15:27*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	200	J	1.1		mg/Kg	☼	01/13/12 08:20	01/16/12 22:08	1

Client Sample ID: 107901
Date Collected: 01/11/12 13:35
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-4
Matrix: Solid
Percent Solids: 86.8

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<190		190		ug/Kg	☼	01/16/12 18:10	01/18/12 15:46	5
PCB-1221	<380		380		ug/Kg	☼	01/16/12 18:10	01/18/12 15:46	5
PCB-1232	<190		190		ug/Kg	☼	01/16/12 18:10	01/18/12 15:46	5
PCB-1242	<190		190		ug/Kg	☼	01/16/12 18:10	01/18/12 15:46	5
PCB-1248	1200		190		ug/Kg	☼	01/16/12 18:10	01/18/12 15:46	5
PCB-1254	1300	p J	190		ug/Kg	☼	01/16/12 18:10	01/18/12 15:46	5
PCB-1260	1100		190		ug/Kg	☼	01/16/12 18:10	01/18/12 15:46	5
PCB-1268	300		190		ug/Kg	☼	01/16/12 18:10	01/18/12 15:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*171*	*X*	*54 - 133*	*01/16/12 18:10*	*01/18/12 15:46*	*5*
DCB Decachlorobiphenyl	*171*	*X*	*54 - 133*	*01/16/12 18:10*	*01/18/12 15:46*	*5*
Tetrachloro-m-xylene	*74*		*46 - 130*	*01/16/12 18:10*	*01/18/12 15:46*	*5*
Tetrachloro-m-xylene	*72*		*46 - 130*	*01/16/12 18:10*	*01/18/12 15:46*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	180	J	1.1		mg/Kg	☼	01/13/12 08:20	01/16/12 22:13	1

Client Sample ID: 107771
Date Collected: 01/11/12 13:40
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-5
Matrix: Solid
Percent Solids: 91.4

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<180		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:05	5
PCB-1221	<360		360		ug/Kg	☼	01/16/12 18:10	01/18/12 16:05	5
PCB-1232	<180		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:05	5
PCB-1242	<180		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:05	5
PCB-1248	1400		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:05	5
PCB-1254	2200		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:05	5
PCB-1260	1300		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:05	5
PCB-1268	340		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:05	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*205*	*X*	*54 - 133*	*01/16/12 18:10*	*01/18/12 16:05*	*5*
DCB Decachlorobiphenyl	*210*	*X*	*54 - 133*	*01/16/12 18:10*	*01/18/12 16:05*	*5*
Tetrachloro-m-xylene	*84*		*46 - 130*	*01/16/12 18:10*	*01/18/12 16:05*	*5*
Tetrachloro-m-xylene	*81*		*46 - 130*	*01/16/12 18:10*	*01/18/12 16:05*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	140	J	0.99		mg/Kg	☼	01/13/12 08:20	01/16/12 22:17	1

Client Sample ID: 107921
Date Collected: 01/11/12 13:45
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-6
Matrix: Solid
Percent Solids: 89.1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<180		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:24	5
PCB-1221	<370		370		ug/Kg	☼	01/16/12 18:10	01/18/12 16:24	5
PCB-1232	<180		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:24	5
PCB-1242	<180		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:24	5
PCB-1248	1700		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:24	5
PCB-1254	2600		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:24	5
PCB-1260	1400		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:24	5
PCB-1268	330		180		ug/Kg	☼	01/16/12 18:10	01/18/12 16:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*186*	*X*	*54 - 133*	*01/16/12 18:10*	*01/18/12 16:24*	*5*
DCB Decachlorobiphenyl	*181*	*X*	*54 - 133*	*01/16/12 18:10*	*01/18/12 16:24*	*5*
Tetrachloro-m-xylene	*83*		*46 - 130*	*01/16/12 18:10*	*01/18/12 16:24*	*5*
Tetrachloro-m-xylene	*80*		*46 - 130*	*01/16/12 18:10*	*01/18/12 16:24*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	120	J	1.1		mg/Kg	☼	01/13/12 08:20	01/17/12 10:41	1

Client Sample ID: 13124845
Date Collected: 01/11/12 13:50
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-7
Matrix: Solid
Percent Solids: 88.2

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<370		370		ug/Kg	☼	01/16/12 18:10	01/18/12 16:43	10
PCB-1221	<750		750		ug/Kg	☼	01/16/12 18:10	01/18/12 16:43	10
PCB-1232	<370		370		ug/Kg	☼	01/16/12 18:10	01/18/12 16:43	10
PCB-1242	<370		370		ug/Kg	☼	01/16/12 18:10	01/18/12 16:43	10
PCB-1248	2900		370		ug/Kg	☼	01/16/12 18:10	01/18/12 16:43	10
PCB-1254	6800		370		ug/Kg	☼	01/16/12 18:10	01/18/12 16:43	10
PCB-1260	3800		370		ug/Kg	☼	01/16/12 18:10	01/18/12 16:43	10
PCB-1268	930		370		ug/Kg	☼	01/16/12 18:10	01/18/12 16:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*D*	*54 - 133*	*01/16/12 18:10*	*01/18/12 16:43*	*10*
DCB Decachlorobiphenyl	*0*	*D*	*54 - 133*	*01/16/12 18:10*	*01/18/12 16:43*	*10*
Tetrachloro-m-xylene	*0*	*D*	*46 - 130*	*01/16/12 18:10*	*01/18/12 16:43*	*10*
Tetrachloro-m-xylene	*0*	*D*	*46 - 130*	*01/16/12 18:10*	*01/18/12 16:43*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	280	J	1.1		mg/Kg	☼	01/13/12 08:20	01/16/12 22:35	1

Surrogate Summary

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park Soils JAN 2012

TestAmerica Job ID: 680-75929-1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCB1 (54-133)	DCB2 (54-133)	TCX1 (46-130)	TCX2 (46-130)
680-75929-1	113098	0 D	0 D	0 D	0 D
680-75929-2	13121923	0 D	0 D	0 D	0 D
680-75929-3	13124841	0 D	0 D	0 D	0 D
680-75929-4	107901	171 X	171 X	74	72
680-75929-5	107771	205 X	210 X	84	81
680-75929-6	107921	186 X	181 X	83	80
680-75929-7	13124845	0 D	0 D	0 D	0 D
680-75987-A-22-D MS	Matrix Spike	74	76	92	72
680-75987-A-22-E MSD	Matrix Spike Duplicate	81	83	90	76
LCS 680-226273/18-A	Lab Control Sample	92	85	81	81
LCSSRM 680-226273/21-A	Lab Control Sample	162 X	155 X	93	92
MB 680-226273/14-A	Method Blank	90	89	83	83

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

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Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Lab Sample ID: MB 680-226273/14-A
Matrix: Solid
Analysis Batch: 226581

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 226273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<32		32		ug/Kg		01/16/12 18:10	01/18/12 11:40	1
PCB-1221	<66		66		ug/Kg		01/16/12 18:10	01/18/12 11:40	1
PCB-1232	<32		32		ug/Kg		01/16/12 18:10	01/18/12 11:40	1
PCB-1242	<32		32		ug/Kg		01/16/12 18:10	01/18/12 11:40	1
PCB-1248	<32		32		ug/Kg		01/16/12 18:10	01/18/12 11:40	1
PCB-1254	<32		32		ug/Kg		01/16/12 18:10	01/18/12 11:40	1
PCB-1260	<32		32		ug/Kg		01/16/12 18:10	01/18/12 11:40	1
PCB-1268	<32		32		ug/Kg		01/16/12 18:10	01/18/12 11:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*54 - 133*	*01/16/12 18:10*	*01/18/12 11:40*	*1*
DCB Decachlorobiphenyl	*89*		*54 - 133*	*01/16/12 18:10*	*01/18/12 11:40*	*1*
Tetrachloro-m-xylene	*83*		*46 - 130*	*01/16/12 18:10*	*01/18/12 11:40*	*1*
Tetrachloro-m-xylene	*83*		*46 - 130*	*01/16/12 18:10*	*01/18/12 11:40*	*1*

Lab Sample ID: LCS 680-226273/18-A
Matrix: Solid
Analysis Batch: 226581

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 226273

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	331	312		ug/Kg		94	64 - 130
PCB-1260	331	308		ug/Kg		93	69 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*92*		*54 - 133*
DCB Decachlorobiphenyl	*85*		*54 - 133*
Tetrachloro-m-xylene	*81*		*46 - 130*
Tetrachloro-m-xylene	*81*		*46 - 130*

Lab Sample ID: LCSSRM 680-226273/21-A
Matrix: Solid
Analysis Batch: 226581

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 226273

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1248	1500	2120		ug/Kg		141	44 - 188
PCB-1254	3000	4750		ug/Kg		158	45 - 170
PCB-1260	2000	2560		ug/Kg		128	51 - 178
PCB-1268	1500	1740		ug/Kg		116	52 - 137

Surrogate	*LCSSRM %Recovery*	*LCSSRM Qualifier*	*Limits*
DCB Decachlorobiphenyl	*162*	*X*	*54 - 133*
DCB Decachlorobiphenyl	*155*	*X*	*54 - 133*
Tetrachloro-m-xylene	*93*		*46 - 130*
Tetrachloro-m-xylene	*92*		*46 - 130*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: 680-75987-A-22-D MS
Matrix: Solid
Analysis Batch: 226429

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 226273

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	<53		529	480		ug/Kg	☼	91	64 - 130
PCB-1260	<53		529	591		ug/Kg	☼	112	69 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*74*		*54 - 133*
DCB Decachlorobiphenyl	*76*		*54 - 133*
Tetrachloro-m-xylene	*92*		*46 - 130*
Tetrachloro-m-xylene	*72*		*46 - 130*

Lab Sample ID: 680-75987-A-22-E MSD
Matrix: Solid
Analysis Batch: 226429

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 226273

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	<53		518	491		ug/Kg	☼	95	64 - 130	2	50
PCB-1260	<53		518	592		ug/Kg	☼	114	69 - 130	0	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*81*		*54 - 133*
DCB Decachlorobiphenyl	*83*		*54 - 133*
Tetrachloro-m-xylene	*90*		*46 - 130*
Tetrachloro-m-xylene	*76*		*46 - 130*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 680-226058/13-A
Matrix: Solid
Analysis Batch: 226380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 226058

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<1.0		1.0		mg/Kg		01/13/12 08:20	01/16/12 21:24	1

Lab Sample ID: LCS 680-226058/14-A
Matrix: Solid
Analysis Batch: 226380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 226058

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	49.4		mg/Kg		99	75 - 125

Lab Sample ID: 680-75929-1 MS
Matrix: Solid
Analysis Batch: 226380

Client Sample ID: 113098
Prep Type: Total/NA
Prep Batch: 226058

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	160		51.1	208		mg/Kg	☼	92	75 - 125

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

Lab Sample ID: 680-75929-1 MSD
Matrix: Solid
Analysis Batch: 226380

Client Sample ID: 113098
Prep Type: Total/NA
Prep Batch: 226058

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	160		51.1	245	F	mg/Kg	☼	163	75 - 125	16	20

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GC Semi VOA

Prep Batch: 226273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-75929-1	113098	Total/NA	Solid	3546	
680-75929-2	13121923	Total/NA	Solid	3546	
680-75929-3	13124841	Total/NA	Solid	3546	
680-75929-4	107901	Total/NA	Solid	3546	
680-75929-5	107771	Total/NA	Solid	3546	
680-75929-6	107921	Total/NA	Solid	3546	
680-75929-7	13124845	Total/NA	Solid	3546	
680-75987-A-22-D MS	Matrix Spike	Total/NA	Solid	3546	
680-75987-A-22-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
LCS 680-226273/18-A	Lab Control Sample	Total/NA	Solid	3546	
LCSSRM 680-226273/21-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-226273/14-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 226429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-75987-A-22-D MS	Matrix Spike	Total/NA	Solid	8081A_8082	226273
680-75987-A-22-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8081A_8082	226273

Analysis Batch: 226581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-75929-1	113098	Total/NA	Solid	8081A_8082	226273
680-75929-2	13121923	Total/NA	Solid	8081A_8082	226273
680-75929-3	13124841	Total/NA	Solid	8081A_8082	226273
680-75929-4	107901	Total/NA	Solid	8081A_8082	226273
680-75929-5	107771	Total/NA	Solid	8081A_8082	226273
680-75929-6	107921	Total/NA	Solid	8081A_8082	226273
680-75929-7	13124845	Total/NA	Solid	8081A_8082	226273
LCS 680-226273/18-A	Lab Control Sample	Total/NA	Solid	8081A_8082	226273
LCSSRM 680-226273/21-A	Lab Control Sample	Total/NA	Solid	8081A_8082	226273
MB 680-226273/14-A	Method Blank	Total/NA	Solid	8081A_8082	226273

Metals

Prep Batch: 226058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-75929-1	113098	Total/NA	Solid	3050B	
680-75929-1 MS	113098	Total/NA	Solid	3050B	
680-75929-1 MSD	113098	Total/NA	Solid	3050B	
680-75929-2	13121923	Total/NA	Solid	3050B	
680-75929-3	13124841	Total/NA	Solid	3050B	
680-75929-4	107901	Total/NA	Solid	3050B	
680-75929-5	107771	Total/NA	Solid	3050B	
680-75929-6	107921	Total/NA	Solid	3050B	
680-75929-7	13124845	Total/NA	Solid	3050B	
LCS 680-226058/14-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-226058/13-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 226380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-75929-1	113098	Total/NA	Solid	6010B	226058
680-75929-1 MS	113098	Total/NA	Solid	6010B	226058
680-75929-1 MSD	113098	Total/NA	Solid	6010B	226058

Metals (Continued)

Analysis Batch: 226380 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-75929-2	13121923	Total/NA	Solid	6010B	226058
680-75929-3	13124841	Total/NA	Solid	6010B	226058
680-75929-4	107901	Total/NA	Solid	6010B	226058
680-75929-5	107771	Total/NA	Solid	6010B	226058
680-75929-6	107921	Total/NA	Solid	6010B	226058
680-75929-7	13124845	Total/NA	Solid	6010B	226058
LCS 680-226058/14-A	Lab Control Sample	Total/NA	Solid	6010B	226058
MB 680-226058/13-A	Method Blank	Total/NA	Solid	6010B	226058

Lab Chronicle

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park Soils JAN 2012

TestAmerica Job ID: 680-75929-1

Client Sample ID: 113098

Lab Sample ID: 680-75929-1
Date Collected: 01/11/12 13:25
Matrix: Solid
Date Received: 01/12/12 08:24
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.12 g	5 mL	226273	01/16/12 18:10	JW	TAL SAV
Total/NA	Analysis	8081A_8082		10			226581	01/18/12 14:50	JK	TAL SAV
Total/NA	Prep	3050B			1.08 g	100 mL	226058	01/13/12 08:20	HM	TAL SAV
Total/NA	Analysis	6010B		1			226380	01/16/12 21:46	RAM	TAL SAV

Client Sample ID: 13121923

Lab Sample ID: 680-75929-2
Date Collected: 01/11/12 13:20
Matrix: Solid
Date Received: 01/12/12 08:24
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.26 g	5 mL	226273	01/16/12 18:10	JW	TAL SAV
Total/NA	Analysis	8081A_8082		10			226581	01/18/12 15:08	JK	TAL SAV
Total/NA	Prep	3050B			1.06 g	100 mL	226058	01/16/12 11:20	HM	TAL SAV
Total/NA	Analysis	6010B		1			226380	01/16/12 21:42	RAM	TAL SAV

Client Sample ID: 13124841

Lab Sample ID: 680-75929-3
Date Collected: 01/11/12 13:30
Matrix: Solid
Date Received: 01/12/12 08:24
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.28 g	5 mL	226273	01/16/12 18:10	JW	TAL SAV
Total/NA	Analysis	8081A_8082		10			226581	01/18/12 15:27	JK	TAL SAV
Total/NA	Prep	3050B			1.04 g	100 mL	226058	01/13/12 08:20	HM	TAL SAV
Total/NA	Analysis	6010B		1			226380	01/16/12 22:08	RAM	TAL SAV

Client Sample ID: 107901

Lab Sample ID: 680-75929-4
Date Collected: 01/11/12 13:35
Matrix: Solid
Date Received: 01/12/12 08:24
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.08 g	5 mL	226273	01/16/12 18:10	JW	TAL SAV
Total/NA	Analysis	8081A_8082		5			226581	01/18/12 15:46	JK	TAL SAV
Total/NA	Prep	3050B			1.06 g	100 mL	226058	01/13/12 08:20	HM	TAL SAV
Total/NA	Analysis	6010B		1			226380	01/16/12 22:13	RAM	TAL SAV

Client Sample ID: 107771

Lab Sample ID: 680-75929-5
Date Collected: 01/11/12 13:40
Matrix: Solid
Date Received: 01/12/12 08:24
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.27 g	5 mL	226273	01/16/12 18:10	JW	TAL SAV
Total/NA	Analysis	8081A_8082		5			226581	01/18/12 16:05	JK	TAL SAV
Total/NA	Prep	3050B			1.10 g	100 mL	226058	01/13/12 08:20	HM	TAL SAV
Total/NA	Analysis	6010B		1			226380	01/16/12 22:17	RAM	TAL SAV

Lab Chronicle

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park Soils JAN 2012

TestAmerica Job ID: 680-75929-1

Client Sample ID: 107921
Date Collected: 01/11/12 13:45
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-6
Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.24 g	5 mL	226273	01/16/12 18:10	JW	TAL SAV
Total/NA	Analysis	8081A_8082		5			226581	01/18/12 16:24	JK	TAL SAV
Total/NA	Prep	3050B			1.01 g	100 mL	226058	01/13/12 08:20	HM	TAL SAV
Total/NA	Analysis	6010B		1			226380	01/17/12 10:41	RAM	TAL SAV

Client Sample ID: 13124845
Date Collected: 01/11/12 13:50
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-7
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.19 g	5 mL	226273	01/16/12 18:10	JW	TAL SAV
Total/NA	Analysis	8081A_8082		10			226581	01/18/12 16:43	JK	TAL SAV
Total/NA	Prep	3050B			1.02 g	100 mL	226058	01/13/12 08:20	HM	TAL SAV
Total/NA	Analysis	6010B		1			226380	01/16/12 22:35	RAM	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 046027

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Solid Waste		AL
TAL (LAB) PROJECT MANAGER: Terry Hornsby	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Gayle Macalley	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (If applicable): Gen. Project		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ☒
DATE DUE 1/26/12
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 4oz PLB 6010	REQUIRED ANALYSIS: 4oz PB 6010	REQUIRED ANALYSIS: 4oz PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/11/12	1325	113098	C					1	1			Level II
	1320	13121923						1	1			
	1330	13124841						1	1			
	1335	107901						1	1			
	1340	107771						1	1			
	1345	107921						1	1			
1/11/12	1350	13124845	C					1	1			Level II

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	1/11/12	1520						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	01/12/12	0924	YES ○ NO ○		680-75929	3.6 °C

TAL 8240-680 (1008)

Login Sample Receipt Checklist

Client: Solutia Inc.

Job Number: 680-75929-1

Login Number: 75929
List Number: 1
Creator: Barnett, Eddie T

List Source: TestAmerica Savannah

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	3.6 C
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?	N/A	
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.	N/A	
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.	True	
Residual Chlorine Checked.	N/A	

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Certification Summary

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park Soils JAN 2012

TestAmerica Job ID: 680-75929-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah	A2LA	DoD ELAP		0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025		399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	Arkansas DOH	6	N/A
TestAmerica Savannah	Arkansas	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Delaware	State Program	3	N/A
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	Georgia	Georgia EPD	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kentucky	Kentucky UST	4	18
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina	North Carolina DENR	4	269
TestAmerica Savannah	North Carolina	North Carolina PHL	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	USDA	USDA		SAV 3-04
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	NELAC	3	460161
TestAmerica Savannah	Virginia	State Program	3	302
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	West Virginia DEP	3	94
TestAmerica Savannah	West Virginia	West Virginia DHHR (DW)	3	9950C
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q

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.

QA LEVEL II - INORGANIC DATA EVALUATION CHECKLIST

Company Name: _____ Project Manager: _____
Project Name: CERLA Oxford Park Soils Project Number: _____
Reviewer: Tiffany Messier Validation Date: 02/13/2012
Laboratory: Test America Savannah SDG #: 680-75929-2
Analytical Method (type and no.): TCLP(1311/6010B)
Matrix: ☐ Air ☒ Soil/Sed. ☐ Water ☐ Waste ☐ _____
Sample Names: 113098, 13121923, 13124841, 107901, 107771,107921, 13124845

NOTE: Please provide calculation in Comment areas or on the back (if on the back please indicate in comment areas).

Field Information	YES	NO	NA	COMMENTS
a) Sampling dates noted?	☒	☐	☐	
b) Sampling team indicated?	☒	☐	☐	
c) Sample location noted?	☒	☐	☐	
d) Sample depth indicated (Soils)?	☐	☐	☒	
e) Sample type indicated (grab/composite)?	☒	☐	☐	
f) Field QC noted?	☐	☐	☒	
g) Field parameters collected (note types)?	☐	☐	☒	
h) Field Calibration within control limits?	☐	☐	☒	
i) Notations of unacceptable field conditions/performances from field logs or field notes?	☐	☒	☐	
j) Does the laboratory narrative indicate deficiencies?	☐	☒	☐	

Note Deficiencies: _____

Chain-of-Custody (COC)	YES	NO	NA	COMMENTS
a) Was the COC properly completed?	☒	☐	☐	
b) Was the COC signed by both field and laboratory personnel?	☒	☐	☐	
c) Were samples received in good condition?	☒	☐	☐	

General (reference QAPP or Method)	YES	NO	NA	COMMENTS
a) Were hold times met for sample pretreatment?	☒	☐	☐	
b) Were hold times met for sample analysis?	☒	☐	☐	
c) Were the correct preservatives used?	☒	☐	☐	
d) Was the correct method used?	☒	☐	☐	
e) Were appropriate reporting limits achieved?	☒	☐	☐	
f) Were any sample dilutions noted?	☐	☒	☐	
g) Were any matrix problems noted?	☐	☒	☐	

QA LEVEL II - INORGANIC DATA EVALUATION CHECKLIST

Blanks	YES	NO	NA	COMMENTS
a) Were analytes detected in the method blank(s)?	☐	☒	☐	
b) Were analytes detected in the field blank(s)?	☐	☐	☒	
c) Were analytes detected in the equipment blank(s)?	☐	☐	☒	
d) Were analytes detected in the trip blank(s)?	☐	☐	☒	

Laboratory Control Sample (LCS)	YES	NO	NA	COMMENTS
a) Was a LCS analyzed once per SDG?	☒	☐	☐	
b) Were the proper compounds included in the LCS?	☒	☐	☐	
c) Was the LCS accuracy criteria met?	☒	☐	☐	

Duplicates	YES	NO	NA	COMMENTS
a) Were field duplicates collected (note original and duplicate sample names)?	☐	☒	☐	
b) Were field dup. precision criteria met (note RPD)?	☐	☐	☒	
c) Were lab duplicates analyzed (note original and duplicate samples)?	☐	☒	☐	
d) Were lab dup. precision criteria met (note RPD)?	☐	☐	☒	

Blind Standards	YES	NO	NA	COMMENTS
a) Was a blind standard used (indicate name, compounds included and concentrations)?	☐	☒	☐	
b) Was the %D within control limits?	☐	☐	☒	

Matrix Spike/Matrix Spike Duplicate (MS/MSD)	YES	NO	NA	COMMENTS
a) Was MS accuracy criteria met?	☐	☐	☒	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
b) Was MSD accuracy criteria met?	☐	☐	☒	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
c) Were MS/MSD precision criteria met?	☐	☐	☒	

Comments/Notes:

QA LEVEL II - INORGANIC DATA EVALUATION CHECKLIST

Data Qualification:

Sample Name	Constituent(s)	Result	Qualifier	Reason
NONE				

Signature: [signature] Date: 02/13/2012

MC

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-75929-2
Client Project/Site: CERCLA - Oxford Park TCLP Lead

For:
Solutia Inc.
702 Clydesdale Ave.
Anniston, Alabama 36201-5328

Attn: Ms. Gayle Macolly

Lidya Gulizia

Authorized for release by:
2/9/2012 4:01:36 PM

Lidya Gulizia
Project Manager II
lidya.gulizia@testamericainc.com

cc: Golder Associates Inc. Genesis Project, Inc.

Table of Contents

Job ID: 680-75929-2

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Solutia Inc.

Project: CERCLA - Oxford Park TCLP Lead

Report Number: 680-75929-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 01/12/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.6 C.

Following the issue of the original report for PCB and Total Lead analysis, the client requested analysis for TCLP Lead on the project samples.

METALS (ICP) - TCLP
Samples 113098 (680-75929-1), 13121923 (680-75929-2), 13124841 (680-75929-3), 107901 (680-75929-4), 107771 (680-75929-5), 107921 (680-75929-6) and 13124845 (680-75929-7) were analyzed for Metals (ICP) - TCLP in accordance with EPA SW-846 Methods 1311/ 6010B. The samples were leached on 02/06/2012, prepared on 02/08/2012 and analyzed on 02/09/2012.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-75929-1	113098	Solid	01/11/12 13:25	01/12/12 08:24
680-75929-2	13121923	Solid	01/11/12 13:20	01/12/12 08:24
680-75929-3	13124841	Solid	01/11/12 13:30	01/12/12 08:24
680-75929-4	107901	Solid	01/11/12 13:35	01/12/12 08:24
680-75929-5	107771	Solid	01/11/12 13:40	01/12/12 08:24
680-75929-6	107921	Solid	01/11/12 13:45	01/12/12 08:24
680-75929-7	13124845	Solid	01/11/12 13:50	01/12/12 08:24

Method Summary

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SAV

Protocol References:

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

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

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)

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Client Sample ID: 113098
Date Collected: 01/11/12 13:25
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-1
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.20		0.20		mg/L		02/08/12 12:21	02/09/12 14:14	1

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Client Sample ID: 13121923
Date Collected: 01/11/12 13:20
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-2
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.20		0.20		mg/L		02/08/12 12:21	02/09/12 13:23	1

7

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Client Sample ID: 13124841
Date Collected: 01/11/12 13:30
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-3
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.20		0.20		mg/L		02/08/12 12:21	02/09/12 13:28	1

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Client Sample ID: 107901
Date Collected: 01/11/12 13:35
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-4
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.20		0.20		mg/L		02/08/12 12:21	02/09/12 13:33	1

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Client Sample ID: 107771
Date Collected: 01/11/12 13:40
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-5
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.20		0.20		mg/L		02/08/12 12:21	02/09/12 13:38	1

7

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Client Sample ID: 107921
Date Collected: 01/11/12 13:45
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-6
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.20		0.20		mg/L		02/08/12 12:21	02/09/12 13:43	1

7

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Client Sample ID: 13124845
Date Collected: 01/11/12 13:50
Date Received: 01/12/12 08:24

Lab Sample ID: 680-75929-7
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.20		0.20		mg/L		02/08/12 12:21	02/09/12 13:59	1

7

Method: 6010B - Metals (ICP)

Lab Sample ID: LCS 680-228526/27-A
Matrix: Solid
Analysis Batch: 228683

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 228526

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	5.00	5.14		mg/L		103	75 - 125

Lab Sample ID: LB 680-228409/18-E LB
Matrix: Solid
Analysis Batch: 228683

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 228526

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.20		0.20		mg/L		02/08/12 12:21	02/09/12 13:18	1

Lab Sample ID: LB2 680-228409/19-B LB2
Matrix: Solid
Analysis Batch: 228683

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 228526

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.20		0.20		mg/L		02/08/12 12:21	02/09/12 14:19	1

QC Association Summary

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Metals

Leach Batch: 228409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-75929-1	113098	TCLP	Solid	1311	
680-75929-2	13121923	TCLP	Solid	1311	
680-75929-3	13124841	TCLP	Solid	1311	
680-75929-4	107901	TCLP	Solid	1311	
680-75929-5	107771	TCLP	Solid	1311	
680-75929-6	107921	TCLP	Solid	1311	
680-75929-7	13124845	TCLP	Solid	1311	
LB 680-228409/18-E LB	Method Blank	TCLP	Solid	1311	
LB2 680-228409/19-B LB2	Method Blank	TCLP	Solid	1311	

Prep Batch: 228526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-75929-1	113098	TCLP	Solid	3010A	228409
680-75929-2	13121923	TCLP	Solid	3010A	228409
680-75929-3	13124841	TCLP	Solid	3010A	228409
680-75929-4	107901	TCLP	Solid	3010A	228409
680-75929-5	107771	TCLP	Solid	3010A	228409
680-75929-6	107921	TCLP	Solid	3010A	228409
680-75929-7	13124845	TCLP	Solid	3010A	228409
LB 680-228409/18-E LB	Method Blank	TCLP	Solid	3010A	228409
LB2 680-228409/19-B LB2	Method Blank	TCLP	Solid	3010A	228409
LCS 680-228526/27-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 228683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-75929-1	113098	TCLP	Solid	6010B	228526
680-75929-2	13121923	TCLP	Solid	6010B	228526
680-75929-3	13124841	TCLP	Solid	6010B	228526
680-75929-4	107901	TCLP	Solid	6010B	228526
680-75929-5	107771	TCLP	Solid	6010B	228526
680-75929-6	107921	TCLP	Solid	6010B	228526
680-75929-7	13124845	TCLP	Solid	6010B	228526
LB 680-228409/18-E LB	Method Blank	TCLP	Solid	6010B	228526
LB2 680-228409/19-B LB2	Method Blank	TCLP	Solid	6010B	228526
LCS 680-228526/27-A	Lab Control Sample	Total/NA	Solid	6010B	228526

Lab Chronicle

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Client Sample ID: 113098 — **Lab Sample ID: 680-75929-1**
Date Collected: 01/11/12 13:25 — **Matrix: Solid**
Date Received: 01/12/12 08:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.24 g	1.0 mL	228409	02/06/12 18:33	JS	TAL SAV
TCLP	Prep	3010A			5 mL	50 mL	228526	02/08/12 12:21	CDJ	TAL SAV
TCLP	Analysis	6010B		1			228683	02/09/12 14:14	BCB	TAL SAV

Client Sample ID: 13121923 — **Lab Sample ID: 680-75929-2**
Date Collected: 01/11/12 13:20 — **Matrix: Solid**
Date Received: 01/12/12 08:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.10 g	1.0 mL	228409	02/06/12 18:33	JS	TAL SAV
TCLP	Prep	3010A			5 mL	50 mL	228526	02/08/12 12:21	CDJ	TAL SAV
TCLP	Analysis	6010B		1			228683	02/09/12 13:23	BCB	TAL SAV

Client Sample ID: 13124841 — **Lab Sample ID: 680-75929-3**
Date Collected: 01/11/12 13:30 — **Matrix: Solid**
Date Received: 01/12/12 08:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.29 g	1.0 mL	228409	02/06/12 18:33	JS	TAL SAV
TCLP	Prep	3010A			5 mL	50 mL	228526	02/08/12 12:21	CDJ	TAL SAV
TCLP	Analysis	6010B		1			228683	02/09/12 13:28	BCB	TAL SAV

Client Sample ID: 107901 — **Lab Sample ID: 680-75929-4**
Date Collected: 01/11/12 13:35 — **Matrix: Solid**
Date Received: 01/12/12 08:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.32 g	1.0 mL	228409	02/06/12 18:33	JS	TAL SAV
TCLP	Prep	3010A			5 mL	50 mL	228526	02/08/12 12:21	CDJ	TAL SAV
TCLP	Analysis	6010B		1			228683	02/09/12 13:33	BCB	TAL SAV

Client Sample ID: 107771 — **Lab Sample ID: 680-75929-5**
Date Collected: 01/11/12 13:40 — **Matrix: Solid**
Date Received: 01/12/12 08:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.33 g	1.0 mL	228409	02/06/12 18:33	JS	TAL SAV
TCLP	Prep	3010A			5 mL	50 mL	228526	02/08/12 12:21	CDJ	TAL SAV
TCLP	Analysis	6010B		1			228683	02/09/12 13:38	BCB	TAL SAV

Lab Chronicle

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Client Sample ID: 107921 — **Lab Sample ID: 680-75929-6**
Date Collected: 01/11/12 13:45 — **Matrix: Solid**
Date Received: 01/12/12 08:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.17 g	1.0 mL	228409	02/06/12 18:33	JS	TAL SAV
TCLP	Prep	3010A			5 mL	50 mL	228526	02/08/12 12:21	CDJ	TAL SAV
TCLP	Analysis	6010B		1			228683	02/09/12 13:43	BCB	TAL SAV

Client Sample ID: 13124845 — **Lab Sample ID: 680-75929-7**
Date Collected: 01/11/12 13:50 — **Matrix: Solid**
Date Received: 01/12/12 08:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.23 g	1.0 mL	228409	02/06/12 18:33	JS	TAL SAV
TCLP	Prep	3010A			5 mL	50 mL	228526	02/08/12 12:21	CDJ	TAL SAV
TCLP	Analysis	6010B		1			228683	02/09/12 13:59	BCB	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 046027

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Solutia		AL
TAL (LAB) PROJECT MANAGER: Terry Hornsby	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Gayle Macaulay	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable): Gen. Magsey		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ☒
DATE DUE 1/26/12
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: Pb 6010 SOIL	Pb 6010											NUMBER OF CONTAINERS SUBMITTED: 4oz	4oz PRESERVATIVE		REMARKS
1/11/12	1325	113098	C					1	1	*													Level II
	1320	113121923						1	1	*													
	1330	113124841						1	1	*													
	1335	107901						1	1	*													
	1340	107711						1	1	*													
	1345	107921						1	1	*													
1/11/12	1350	113124845	C					1	1	*													Level II

* 2/3/12 Samples to be analyzed for TCLP Pb per T. Messier & M. Price. D. Reynolds

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	1/11/12	1520						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	SAVANNAH LOG NO. 680-75929	LABORATORY REMARKS: 3.6 °C
	01/12/12	0924				

TAL 8240-680 (1008)

Login Sample Receipt Checklist

Client: Solutia Inc.

Job Number: 680-75929-2

Login Number: 75929
List Number: 1
Creator: Barnett, Eddie T

List Source: TestAmerica Savannah

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	3.6 C
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?	N/A	
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.	N/A	
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.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Solutia Inc.
Project/Site: CERCLA - Oxford Park TCLP Lead

TestAmerica Job ID: 680-75929-2

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah	A2LA	DoD ELAP		0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025		399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	Arkansas DOH	6	N/A
TestAmerica Savannah	Arkansas	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Delaware	State Program	3	N/A
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	Georgia	Georgia EPD	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kentucky	Kentucky UST	4	18
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina	North Carolina DENR	4	269
TestAmerica Savannah	North Carolina	North Carolina PHL	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	USDA	USDA		SAV 3-04
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	NELAC	3	460161
TestAmerica Savannah	Virginia	State Program	3	302
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	West Virginia DEP	3	94
TestAmerica Savannah	West Virginia	West Virginia DHHR (DW)	3	9950C
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q

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.

OXFORD PARK SOFTBALL COMPLEX

Field Sampling Points and PCB Concentration Levels:

Access areas between fields:

- **Between Fields A & B:**
  - **Northside – OLHA-091 = <.07 ppm**
    OLGP-141 = 0.20 ppm
  - **Southside – OLHA-092 = 0.63 ppm**
    OLHA-093 = 0.98 ppm

- **Between Fields B & C:**
  - **Eastside – OLHA-071 = 0.89 ppm**
    OLHA-072 = 0.35 ppm
    OLGP-121 = <.075 ppm
    OLHA-068 = 0.04 ppm
  - **Westside- OLHA-070 = 1.03 ppm**
    OLHA-069 = 3.05 ppm

- **Between Fields C & D:**
  - **Northside – OLHA-274 = 0.13 ppm**
    OLHA-375 = 14.5 ppm
    OLHA-141 = 4.99 ppm
    OLHA-271 = 6.21 ppm
    OLHA-142 = 3.87 ppm
    OLHA-273 = 0.38 ppm
    OLHA-050 = 16.1 ppm
    OLGP-100-(avg.) = 1.23 ppm

- **Between Fields A & D:**
  - **All Area – OLHA-094 = 4.22 ppm**
    OLHA-095 = 2.28 ppm
    OLHA-096 = 5.68 ppm
    OLGP-142 = 9.85, n/a, 1.4 ppm
    OLHA-280 = 1.56 ppm
    OLHA-132 = 3.20 ppm
    OLHA-097 = 12.8 ppm
    OLHA-281 = 2.44 ppm
    OLHA-282 = 1.88 ppm
    OLHA-131 = 21.4 ppm
    OLHA-279 = 1.73 ppm
    OLHA-098 = 0.10 ppm
    OLHA-149 = 3.7 ppm
    OLHA-159 = 0.72 ppm
    OLHA-173 = 14.6 ppm
    OLHA-174 = 5.20 ppm

- **Between Fields A & D Continued:**
  - **All Area – OLHA-133 = 13.6 ppm**
    OLHA-150 = 1.50 ppm
    OLHA-151 = <.14 ppm
    OLHA-099 = 14.6 ppm
    OLHA-134 = 2.90 ppm
    OLHA-100 = 1.02 ppm
    OLHA-160 = 2.40 ppm
    OLHA-101 = 0.49 ppm

Field Perimeters:

- **Field "A" – OLGP-125 = <.07 ppm**
  OLHA-075 = 0.12 ppm
  OLGP-138 = (avg.) 3.3 ppm
  OLHA-018 = (avg.) 16.05 ppm
  OLHA-089 = 0.34 ppm
  OLGP-140 = 0.69 ppm
  OLHA-101 = 0.49 ppm

- **Field "B" – OLGP-145 = 0.22 ppm**
  OLGP-146 = 0.10 ppm
  OLGP-149 = <.08 ppm
  OLGP-150 = 0.84 ppm

- **Field "C" – OLGP-120 = (avg.) 1.29 ppm**
  OLGP-119 = (avg.) 4.24 ppm
  OLGP-115 = (avg.) 8.86 ppm
  OLGP-114 = (avg.) 0.91 ppm
  OLGP-102 = (avg.) 6.08 ppm
  OLHA-012 = .07 ppm

- **Field "D" – OLHA-031 = 0.35 ppm**
  OLGP-089 = 0.94 ppm
  OLHA-039 = 2.91 ppm
  OLHA-137 = 2.97 ppm
  OLHA-041 = 20.7 ppm
  OLGP-099 = 2.74 ppm
  OLHA-174 = 5.17 ppm
  OLHA- 042 = 0.27 ppm

New Light Pole Locations & Required Soil Management:

- **N/A – 3 – (B1, C7, C8)**
- **12 inches – 1 – (C3)**
- **24 inches – 1 – (C6)**
- **36 inches – 9 – (A1, A3, A4, B2, B3, C1, C2, C4 & C5)**
- **48 inches – 2 – (A2 & B4)**

OXFORD PARK SOFTBALL COMPLEX

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- **Between Fields A & D Continued:**
  - **All Area – OLHA-133 = 13.6 ppm**
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  OLGP-115 = (avg.) 8.86 ppm
  OLGP-114 = (avg.) 0.91 ppm
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  OLHA-012 = .07 ppm

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  OLHA-039 = 2.91 ppm
  OLHA-137 = 2.97 ppm
  OLHA-041 = 20.7 ppm
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  OLHA-174 = 5.17 ppm
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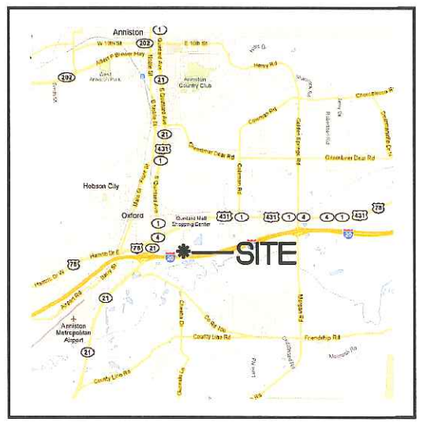
- **24 inches – 1 – (C6)**
- **36 inches – 9 – (A1, A3, A4, B2, B3, C1, C2, C4 & C5)**
- **48 inches – 2 – (A2 & B4)**

NEW ATHLETIC LIGHTING
FOR
OXFORD SOFTBALL FIELDS
OXFORD, ALABAMA

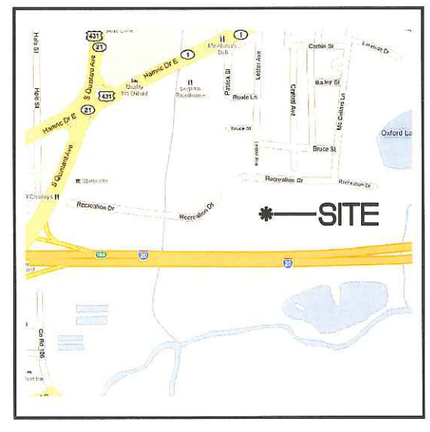
VICINITY MAP



DRAWING INDEX

CS	COVER SHEET
E1	NOTES, SYMBOLS, PANELBOARD SCHEDULE AND DETAILS
E2	ELECTRICAL SINGLE LINE DIAGRAM, NOTES AND AERIAL SITE PLAN
E3	ELECTRICAL SITE PLAN
E4	GOLF COURSE DEMOLITION PLAN

CITY VICINITY MAP



REVISIONS	BY

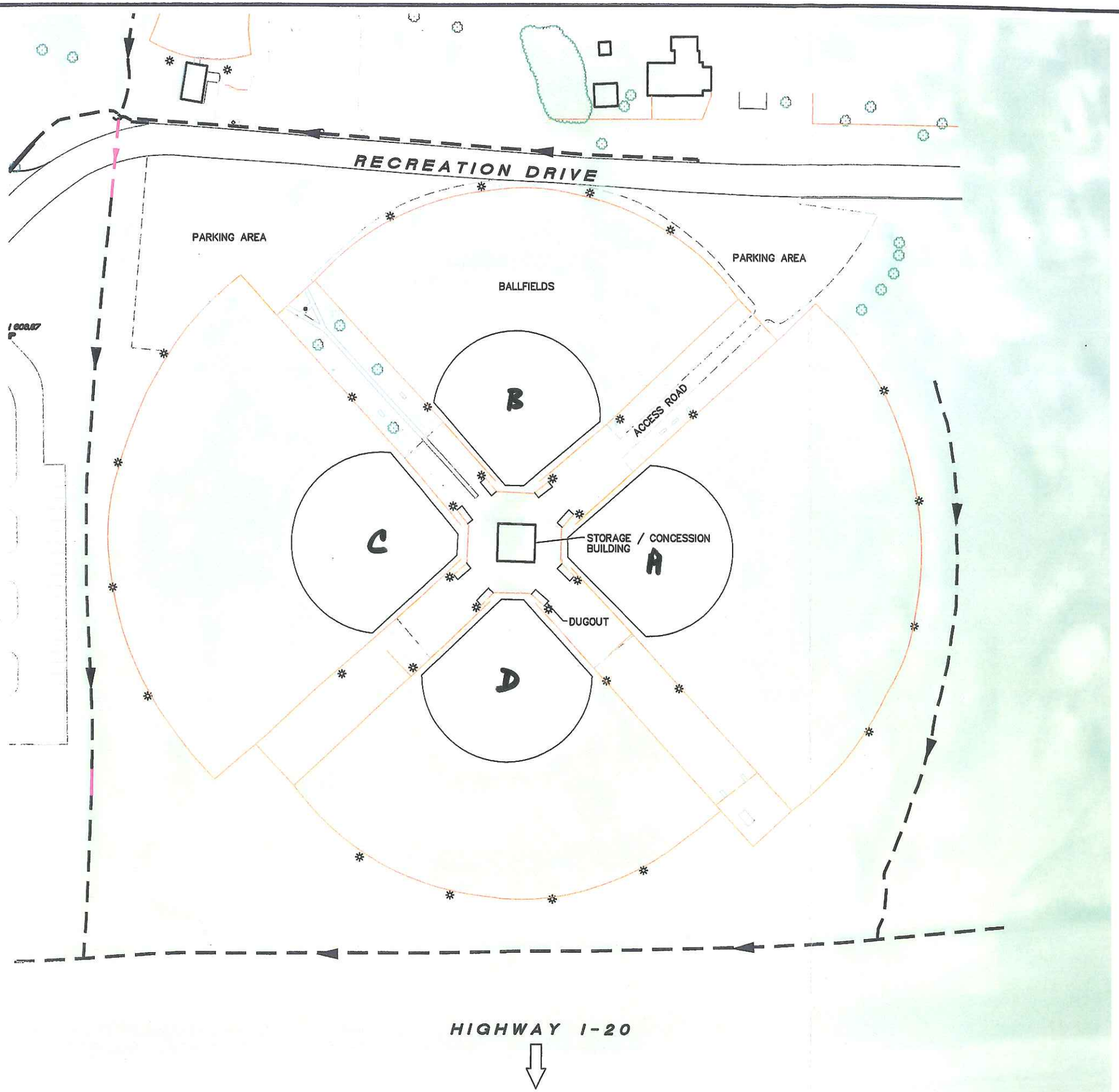
ALABAMA REGISTERED No. 22783 PROFESSIONAL ENGINEER STANLEY J. MCCARTER

879 AVALON LANE
ANNISTON, AL 36207
McCARTER ENGINEERING
ELECTRICAL ENGINEERING CONSULTANTS
PHONE: (256) 240-7336
FAX: (256) 240-7336

NEW ATHLETIC LIGHTING
FOR
OXFORD SOFTBALL FIELDS
OXFORD, ALABAMA

COVER SHEET

DRAWN BY	MS
CHECKED BY	SJM
DATE	10/12/10
JOB NO.	0909
Sheet	CS



N

LEGEND

- PIPE
- DRAINAGE SWALE
- EDGE OF WOODS
- TREE / LARGE SHRUB
- CHAIN LINK FENCE
- LIGHT FIXTURE

REFERENCE

EXISTING FEATURES AND CONTOURS TAKEN FROM THE FOLLOWING SOURCES:

1.) PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING USING AERIAL PHOTOGRAPHS DATED JANUARY 25, 1999 AND GROUND CONTROL PROVIDED BY ALMON ASSOCIATES.

2.) "TOPOGRAPHIC SURVEY OXFORD LAKE PARK" PREPARED BY ALMON ASSOCIATES DATED OCTOBER 7, 2002.

100' 0' 100'

Title:

BALLFIELDS SITE FEATURES PLAN

OXFORD LAKES SOFTBALL COMPLEX
OXFORD, ALABAMA

Prepared For: SOLUTIA

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: EP	Date: 5/12/04	FIGURE
Prepared by: BF	Scale: AS SHOWN	2
Project Mgr: EP	Office: NJ	
File No: 06654016	Project: 06654J02	

ELECTRICAL SYMBOLS

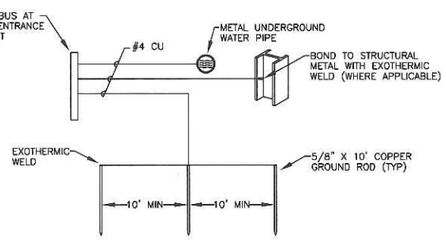
$	SWITCH OUTLET – AC TYPE, SINGLE POLE, 20A, 120/277V, HUBBELL #1221 – GREY.("N" DENOTES NARROW)
	LIGHTING PANEL – SEE SPECIFICATIONS AND SCHEDULE.
	POWER PANELS – SEE SPECIFICATIONS AND SCHEDULE.
	BRANCH CIRCUIT CONCEALED IN WALL OR CEILING.
	BRANCH CIRCUIT CONCEALED IN FLOOR OR GROUND.
	HOMERUN TO PANELBOARD – ANY CIRCUIT WITHOUT FURTHER DESIGNATION 2 # 12 & 1 # 12(G) – 1/2" CONDUIT. 3 # 12 & 1 # 12(G) – 3/4" CONDUIT. 4 # 12 & 1 # 12(G) – 3/4" CONDUIT.
	EMPTY CONDUIT – 3/4".
	BRANCH CIRCUIT EXPOSED.
	MAGNETIC MOTOR STARTER.
	NON–FUSED DISCONNECT SWITCH. (RT – RAINTIGHT).
	FUSED DISCONNECT SWITCH. (RT – RAINTIGHT).
EX.	EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
A.F.F.	ABOVE FINISHED FLOOR.
A.F.G.	ABOVE FINISHED GRADE.
VER.	VERIFY LOCATION.
N.E.C.	NATIONAL ELECTRICAL CODE.

DEMOLITION NOTES

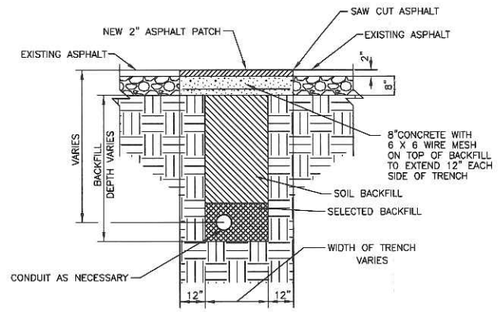
1. DISCONNECT ELECTRICAL SYSTEMS IN WALLS, FLOORS, AND CEILINGS SCHEDULED FOR REMOVAL.
2. PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION.
3. REMOVE ELECTRICAL EQUIPMENT NOT REQUIRED TO REMAIN IN SERVICE. RECONNECT EXISTING CIRCUITS TO OTHER SOURCES OF SUPPLY.
4. REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
5. REMOVE EXPOSED ABANDONED CONDUIT INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.
6. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS WHICH ARE NOT REMOVED.
7. DISCONNECT AND REMOVE EXISTING LUMINAIRES AS SHOWN ON PLANS. REMOVE BRACKEST, STEMS, HANGERS, AND OTHER ACCESSORIES.
8. WHEN A CIRCUIT IS INTERRUPTED BY REMOVAL OF A DEVICE OR FIXTURE FROM THAT CIRCUIT, INSTALL WIRE, CONDUIT, AND ACCESSORIES TO RESTORE SERVICE TO REMAINING DEVICES AND FIXTURES ON THAT CIRCUIT.
9. MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS WHICH REMAIN ACTIVE.
10. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
11. REPAIR EXISTING MATERIALS AND EQUIPMENT WHICH REMAIN OR ARE TO BE REUSED.

GENERAL NOTES

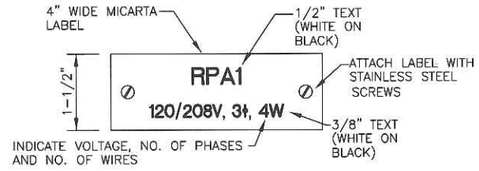
1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL ORDINANCES. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS.
2. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL DETAILS OF THE WORK AND ALL EXISTING FIELD CONDITIONS.
3. CONTRACTOR SHALL PROVIDE A COMPLETE ELECTRICAL INSTALLATION INCLUDING ALL WORK CUSTOMARILY INCLUDED EVEN IF NOT SPECIFICALLY CALLED OUT.
4. THE ELECTRICAL CONTRACTOR SHALL CAREFULLY COORDINATE HIS WORK WITH OTHER CONTRACTORS THROUGH THE GENERAL CONTRACTOR FOR SPACE REQUIREMENTS, ETC.
6. SHOULD THE CONTRACTOR FIND DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS OR BE IN DOUBT AS TO INTENT, HE SHALL IMMEDIATELY OBTAIN CLARIFICATION FROM THE ARCHITECT OR ENGINEER.
7. THE ELECTRICAL DRAWINGS ARE SCHEMATIC AND ARE NOT INTENDED TO SHOW THE EXACT LOCATION OF CONDUIT, OUTLETS, ETC.. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS AND SHALL FIT HIS WORK TO CONFORM WITH THE BUILDING CONSTRUCTION AND WITH THE OTHER TRADES.
8. CONTRACTOR SHALL CHECK ALL LIGHT FIXTURES FOR EXACT MOUNTING TYPE AND SPACE REQUIRED PRIOR TO ROUGH–IN.
9. BRANCH CIRCUITS SHALL BE #12 AWG AND 3/4" CONDUIT MINIMUM. CONDUCTORS SHALL BE 98% CONDUCTIVITY COPPER. SEE SPECIFICATIONS FOR INSULATION TYPE.
10. ALL CONDUITS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION TYPE FITTINGS.
11. SUPPORT OF ALL LIGHTING FIXTURES SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR. SEE SPECIFICATIONS FOR SUPPORTING METHODS.
12. COORDINATE SERVICES WITH POWER AND COMMUNICATION COMPANIES. REMOVE OR RELOCATE ALL POWER AND COMMUNICATIONS CIRCUITS ABOVE OR BELOW GRADE THAT WOULD OBSTRUCT CONSTRUCTION OF THE PROJECT OR CONFLICT IN ANY MANNER WITH COMPLETION OF THE PROJECT OR ANY CODE PERTAINING THERETO. IF UTILITY COMPANY REQUIREMENTS ARE AT A VARIANCE WITH THESE DRAWINGS AND SPECIFICATIONS, THE CONTRACT PRICE SHALL INCLUDE THE ADDITIONAL COST.
13. THIS CONTRACTOR SHALL INSTALL EQUIPMENT GROUNDS THROUGHOUT THIS PROJECT, USING GREEN INSULATED CONDUCTORS. USE OF CONDUIT AS THE ONLY GROUND CONDUCTOR WILL NOT BE ALLOWED. SIZE GROUND CONDUCTORS PER N.E.C..
14. ALL UTILITY FEES ASSOCIATED WITH THIS PROJECT SHALL BE INCLUDED IN BID. IF THESE FEES CANNOT BE OBTAINED FROM THE UTILITY PRIOR TO BID, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY.



GROUNDING DETAIL
N.T.S.



ASPHALT PATCH DETAIL
N.T.S. (TYPICAL FOR ALL LOCATIONS WHERE ASPHALT HAS TO BE CUT)



PANEL LABEL DETAIL
N.T.S. (TYPICAL)

PANELBOARD SCHEDULE

MARK	TYPE	MAINS			BRANCHES					LUG LOCATION	TYPE MOUNTING	MINIMUM AIC RATING	REMARKS
		TYPE	AMPS	SERVICE	1 POLE	2 POLE	3 POLE	SPARES	SPACES				
LPA	AD	MB	200	240/480V 1ϕ, 3W		2–20 4–30			3–2PS	TOP	SURFACE	VERIFY WITH UTILITY	SEE NOTES 1, 2 & 3
LPB	AD	MB	150	240/480V 1ϕ, 3W		2–20 2–25 2–30			3–2PS	TOP	SURFACE	VERIFY WITH UTILITY	SEE NOTES 1, 2 & 3
LPC	AD	MB	200	240/480V 1ϕ, 3W		2–20 4–30			3–2PS	TOP	SURFACE	VERIFY WITH UTILITY	SEE NOTES 1, 2 & 3
LPD	AD	MB	150	240/480V 1ϕ, 3W		2–20 2–25 2–30			3–2PS	TOP	SURFACE	VERIFY WITH UTILITY	SEE NOTES 1, 2 & 3

NOTES:
1. PANEL SHALL BE RATED FOR SERVICE ENTRANCE EQUIPMENT.
2. ALL PANELS SHALL BE FULLY RATED.
3. PANEL SHALL BE NEMA 3R RATED WITH PAD LOCKABLE HANDLE.

REVISIONS	BY

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ANNISTON, AL 36207

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NEW ATHLETIC LIGHTING FOR OXFORD SOFTBALL FIELDS
OXFORD, ALABAMA

NOTES, SYMBOLS, PANELBOARD SCHEDULE AND DETAILS

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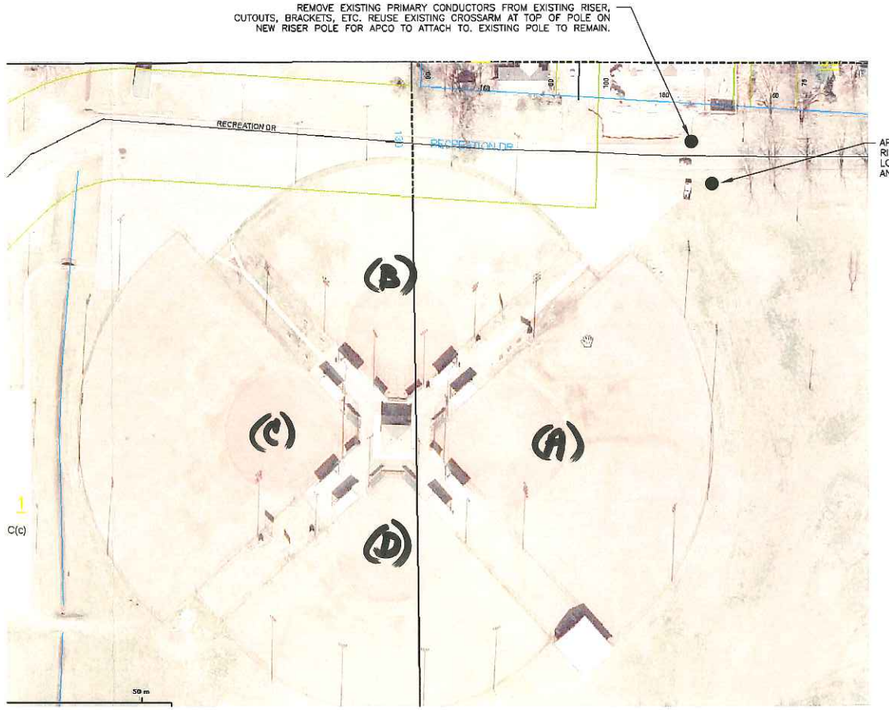
CHECKED BY: SJM	E1
DATE: 10/12/10	
JOB NO.: 0909	OF 4

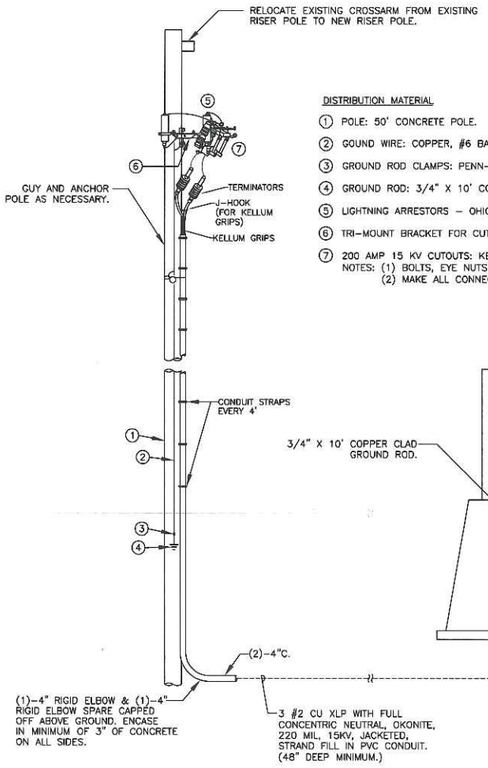
CONSTRUCTION NOTES

1. FURNISH ALL LABOR REQUIRED TO COMPLETE ELECTRICAL WORK INDICATED ON DRAWINGS AND SPECIFIED BELOW.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, NATIONAL ELECTRICAL SAFETY CODE AND RULES AND REGULATIONS OF THE LOCAL BODIES HAVING JURISDICTION.
3. TRANSFORMER INSTALLATIONS: THE CONTRACTOR SHALL TEST THE SECONDARY VOLTAGES WHEN INSTALLING TRANSFORMERS TO INSURE THAT THE TRANSFORMER IS OPERATING PROPERLY AND FURNISH THE ENGINEER A TABULATION OF THE RECORDED VOLTAGES AT EACH TRANSFORMER LOCATION.
4. WORKMANSHIP: ALL WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL PRESENT A NEAT MECHANICAL APPEARANCE UPON COMPLETION.
5. ALL DISTRIBUTION LINE WORK SHALL INCLUDE INSULATORS, HARDWARE, CLAMPS, CONNECTIONS, TIE WIRE AND OTHER MISCELLANEOUS EQUIPMENT NECESSARY FOR THE COMPLETE INSTALLATION OF THE SYSTEM.
6. UPON COMPLETION, TEST ENTIRE SYSTEM AND SHOW TO BE IN PERFECT WORKING ORDER IN ACCORDANCE WITH INTENT OF THESE DRAWINGS. GUARANTEE THAT ALL WORK EXECUTED UNDER THIS SECTION WILL BE FREE FROM DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. PROMPTLY REPAIR, REPLACE OR OTHERWISE MAKE GOOD ANY DEFECT BECOMING APPARENT DURING THIS PERIOD AT NO COST TO THE OWNER.
8. CONTRACTOR WILL FURNISH ALL MATERIAL BEING INSTALLED.
9. ALL PRIMARY CIRCUITS SHALL BE ENCASED IN 3" OF CONCRETE MINIMUM ON ALL SIDES.



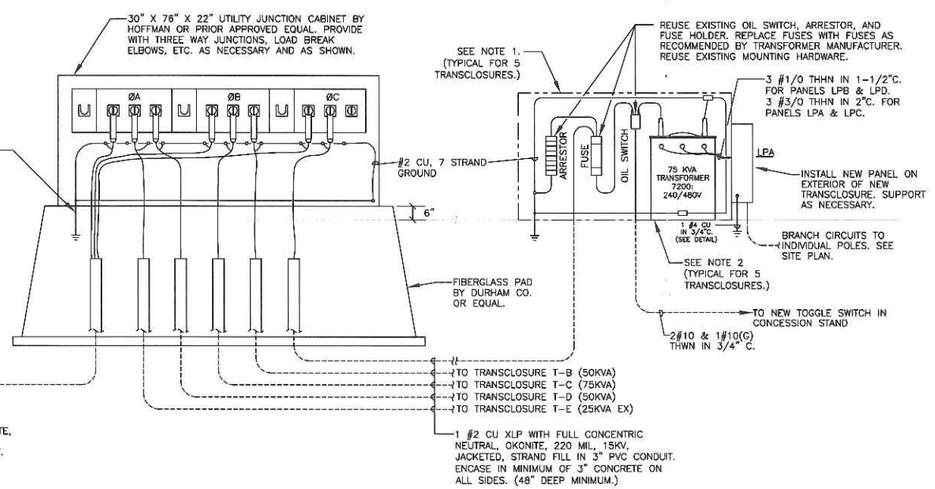
AERIAL SITE PLAN

N.T.S.



DISTRIBUTION MATERIAL

1. POLE: 50' CONCRETE POLE.
2. GOUND WIRE: COPPER, #6 BARE–SOUTHWIRE OR KAISER.
3. GROUND ROD CLAMPS: PENN–UNION #CAB–3.
4. GROUND ROD: 3/4" X 10' COPPERWELD–PENN–UNION #GR–3410.
5. LIGHTNING ARRESTORS – OHIO BRASS.
6. TRI–MOUNT BRACKET FOR CUTOUTS & ARRESTORS: JOSLYN #SK112R.
7. 200 AMP 15 KV CUTOUTS: KEARNEY WITH 150 A KEARNEY "QA" FUSES.
   NOTES: (1) BOLTS, EYE NUTS, LAG SCREWS AND MISCELLANEOUS HARDWARE BY JOSLYN.
   (2) MAKE ALL CONNECTIONS WITH COMPRESSION TYPE CONNECTORS.



ELECTRICAL SINGLE LINE DIAGRAM

N.T.S.

NOTES:
1. CONTRACTOR SHALL REPLACE EXISTING TRANSCLOSURE WITH NEW 54"X54"X71"H SINGLE COMPARTMENT TRANSCLOSURE BY DURHAM CO. OR EQUAL. COORDINATE EXACT SIZE WITH TRANSFORMER SIZE.
2. CONTRACTOR SHALL CUT EXISTING CONCRETE PAD AS NECESSARY TO ROUTE NEW PRIMARY FEEDER INTO TRANSCLOSURE. CONTRACTOR SHALL POUR NEW PAD ON TOP OF EXISTING PAD TO RAISE PAD BY AT LEAST 4".

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NEW ATHLETIC LIGHTING FOR OXFORD SOFTBALL FIELDS OXFORD, ALABAMA

SINGLE LINE DIAGRAM, NOTES AND AERIAL SITE PLAN

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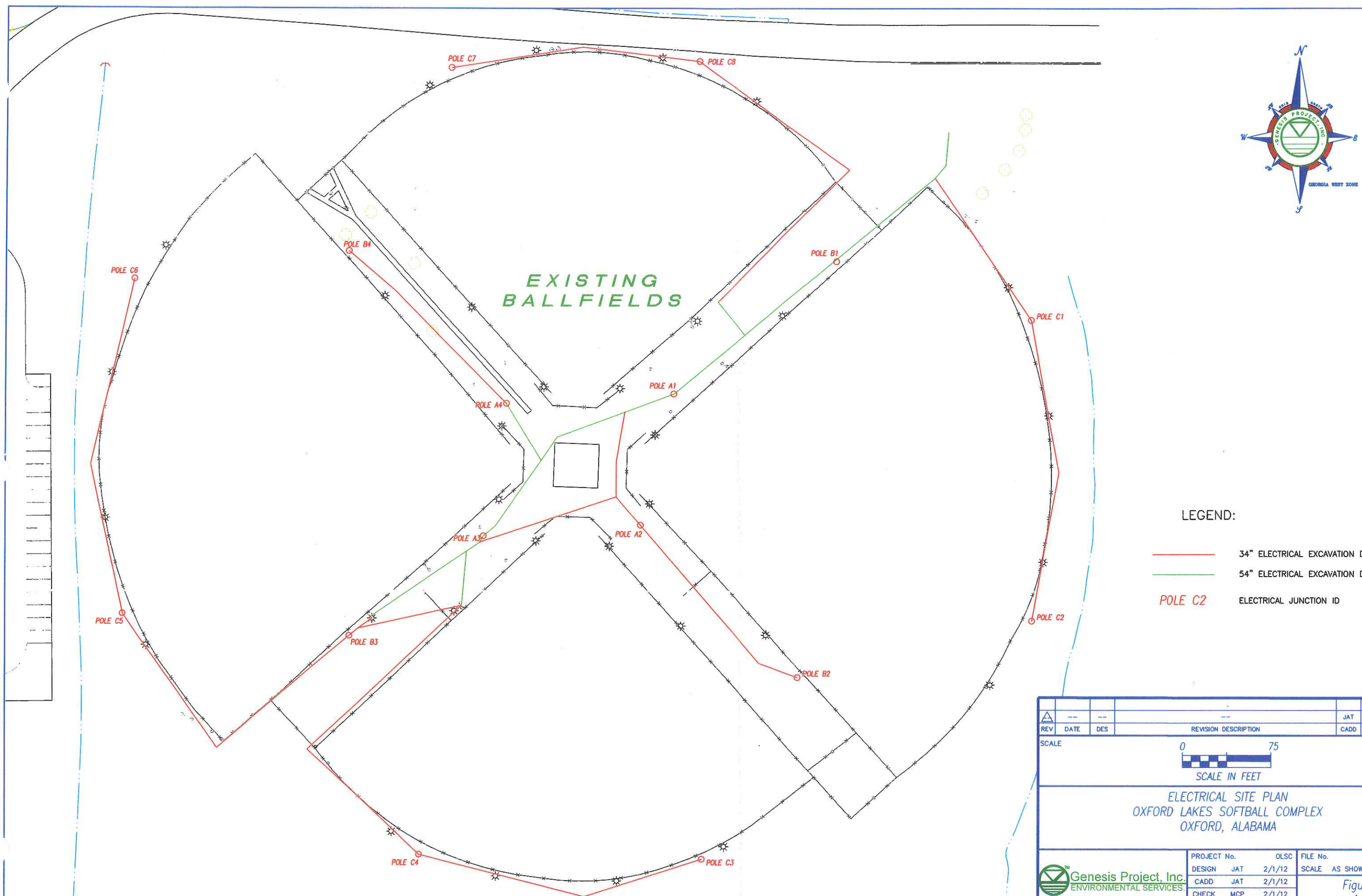
DATE: 10/12/10	
JOB NO.: 0909	OF 4



LEGEND:

34" ELECTRICAL EXCAVATION DEPTH

54" ELECTRICAL EXCAVATION DEPTH

POLE C2 ELECTRICAL JUNCTION ID

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
1	--	--	--	JAT	MCP	MCP

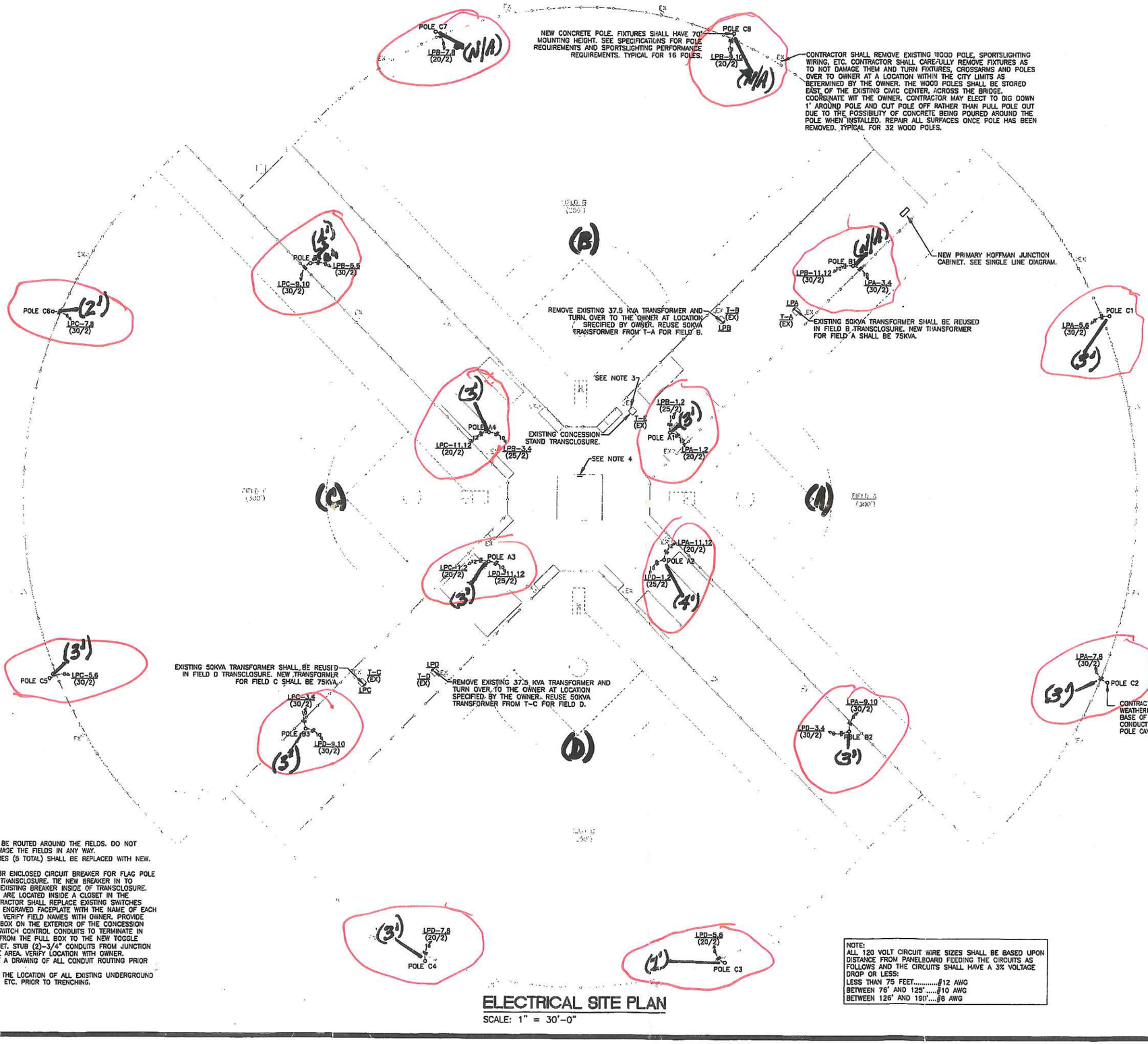
SCALE 0 75

SCALE IN FEET

ELECTRICAL SITE PLAN
OXFORD LAKES SOFTBALL COMPLEX
OXFORD, ALABAMA

Genesis Project, Inc.
ENVIRONMENTAL SERVICES
Atlanta, Ga

PROJECT No.		OLSC	FILE No.		--
DESIGN	JAT	2/1/12	SCALE	AS SHOWN	REV. --
CADD	JAT	2/1/12	Figure 1		
CHECK	MCP	2/1/12			
REVIEW	MCP	2/1/12			



NOTES:
1. CIRCUITS TO POLES SHALL BE ROUTED AROUND THE FIELDS. DO NOT CROSS THE FIELDS OR DAMAGE THE FIELDS IN ANY WAY.
2. ALL EXISTING TRANSCLOSURES (5 TOTAL) SHALL BE REPLACED WITH NEW. SEE SINGLE LINE DIAGRAM.
3. INSTALL NEW 20/1 NEMA 3R ENCLOSED CIRCUIT BREAKER FOR FLAG POLE LIGHTING ON EXTERIOR OF TRANSCLOSURE. TIE NEW BREAKER IN TO EXISTING CIRCUIT. REMOVE EXISTING BREAKER INSIDE OF TRANSCLOSURE.
4. EXISTING TOGGLE SWITCHES ARE LOCATED INSIDE A CLOSET IN THE CONCESSIONS STAND. CONTRACTOR SHALL REPLACE EXISTING SWITCHES WITH NEW AND INSTALL AN ENGRAVED FACEPLATE WITH THE NAME OF EACH FIELD ABOVE EACH SWITCH. VERIFY FIELD NAMES WITH OWNER. PROVIDE AND INSTALL A NEW PULL BOX ON THE EXTERIOR OF THE CONCESSION STAND FOR THE NEW OIL SWITCH CONTROL CONDUITS TO TERMINATE IN AND ROUTE ONE CONDUIT FROM THE PULL BOX TO THE NEW TOGGLE SWITCHES INSIDE THE CLOSET. STUB (2)-3/4" CONDUITS FROM JUNCTION BOX TO OUTSIDE CONCRETE AREA. VERIFY LOCATION WITH OWNER.
5. CONTRACTOR SHALL SUBMIT A DRAWING OF ALL CONDUIT ROUTING PRIOR TO TRENCHING.
6. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES, SPRINKLER LINES, ETC. PRIOR TO TRENCHING.

NOTE:
ALL 120 VOLT CIRCUIT WIRE SIZES SHALL BE BASED UPON DISTANCE FROM PANELBOARD FEEDING THE CIRCUITS AS FOLLOWS AND THE CIRCUITS SHALL HAVE A 3% VOLTAGE DROP OR LESS:
LESS THAN 75 FEET.....#12 AWG
BETWEEN 76' AND 125'.....#10 AWG
BETWEEN 126' AND 190'....#8 AWG

ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"

Pole I.D.	Depth (Ft.)
A-1	3
A-2	4
A-3	3
A-4	3
B-1	N/A
B-2	3
B-3	3
B-4	4
C-1	3
C-2	3
C-3	1
C-4	3
C-5	3
C-6	2
C-7	N/A
C-8	N/A
New Primary Rec. Pn.	N/A

NEW ATHLETIC LIGHTING FOR OXFORD SOFTBALL FIELD OXFORD, ALABAMA

ELECTRICAL SITE PLAN

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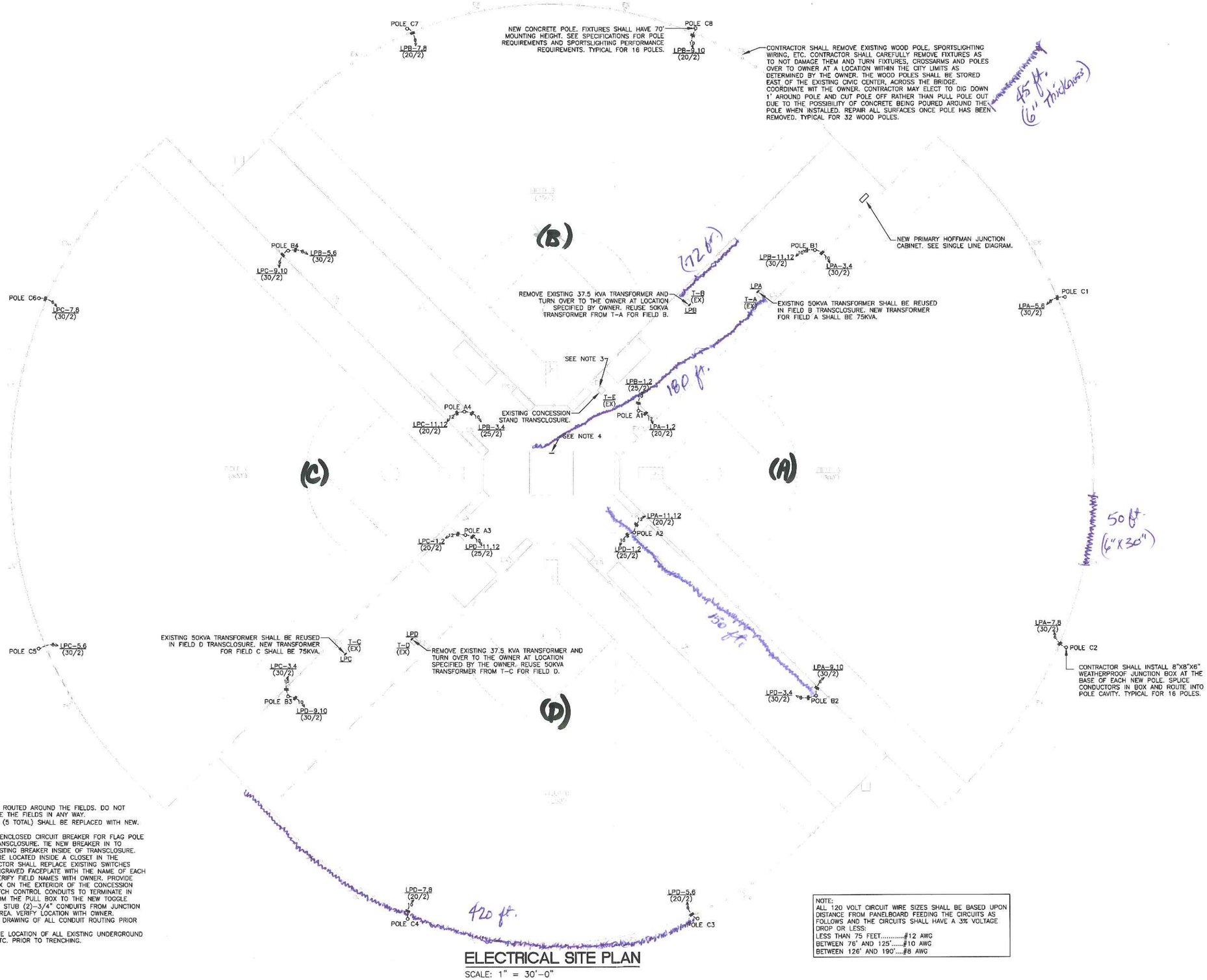

NOTES:
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NOTE:
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LESS THAN 75 FEET.....#12 AWG
BETWEEN 76' AND 125'.....#10 AWG
BETWEEN 126' AND 190'....#8 AWG

ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"

REVISIONS	BY

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NEW ATHLETIC LIGHTING FOR OXFORD SOFTBALL FIELDS OXFORD, ALABAMA

ELECTRICAL SITE PLAN

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0909	OF 4

No Soil Management

Pole B1
Pole C7
Pole C8

Soil Management Depth

One Foot (12")	Two Feet (24")	Three Feet (36")	Four Feet (48")
Pole C3	Pole C6	Pole A1	Pole A2
		Pole A3	Pole B4
		Pole A4	
		Pole B2	
		Pole B3	
		Pole C1	
		Pole C2	
		Pole C4	
		Pole C5	

POLE C7 (O.K.) LPB-7.8 (20/2) OLGP-150 0.84-3" <1-18" <1-30" 0.19-36"

NEW CONCRETE POLE. FIXTURES SHALL HAVE 70' MOUNTING HEIGHT. SEE SPECIFICATIONS FOR POLE REQUIREMENTS AND SPORTSLIGHTING PERFORMANCE REQUIREMENTS. TYPICAL FOR 16 POLES.

POLE C8 (O.K.) LPB-9.10 (20/2) OLGP-146 0.10-3" <1-18" <1-30"

CONTRACTOR SHALL REMOVE EXISTING WOOD POLE, SPORTSLIGHTING WIRING, ETC. CONTRACTOR SHALL CAREFULLY REMOVE FIXTURES AS TO NOT DAMAGE THEM AND TURN FIXTURES, CROSSARMS AND POLES OVER TO OWNER AT A LOCATION WITHIN THE CITY LIMITS AS DETERMINED BY THE OWNER. THE WOOD POLES SHALL BE STORED EAST OF THE EXISTING CIVIC CENTER, ACROSS THE BRIDGE. COORDINATE WIT THE OWNER. CONTRACTOR MAY ELECT TO DIG DOWN 1' AROUND POLE AND CUT POLE OFF RATHER THAN PULL POLE OUT DUE TO THE POSSIBILITY OF CONCRETE BEING POURED AROUND THE POLE WHEN INSTALLED. REPAIR ALL SURFACES ONCE POLE HAS BEEN REMOVED. TYPICAL FOR 32 WOOD POLES.

POLE B4 (4.0 Ft.) LPB-5.6 (30/2) LPC-9.10 (30/2) OLGP-141 0.8-3" <1-18" <1-30" <1-44"

POLE C6 (2 Ft.) LPC-7.8 (30/2) OLHA-015 1.86

OLGP-117 1.1-3" <1-18" <1-30" 36.5-44"

OLGP-117 → 0.48-3" 16.5-18" <1-30" <1-36"

REMOVE EXISTING 37.5 KVA TRANSFORMER AND TURN OVER TO THE OWNER AT LOCATION SPECIFIED BY OWNER. REUSE 50KVA TRANSFORMER FROM T-A FOR FIELD B. T-B (EX) LPB

OLGP-141 0.06-3" 0.20-18" <1-30" <1-48"

POLE B1 (O.K.) LPB-11.12 (30/2) LPA-3.4 (30/2) OLHA-013 .98

NEW PRIMARY HOFFMAN JUNCTION CABINET. SEE SINGLE LINE DIAGRAM.

LPA T-A (EX) EXISTING 50KVA TRANSFORMER SHALL BE REUSED IN FIELD B TRANSCLOSURE. NEW TRANSFORMER FOR FIELD A SHALL BE 75KVA.

OLHA-015 0.123

POLE C1 (3.0 Ft.) LPA-5.6 (30/2) OLGP-126 <1-0.46"

POLE A4 (3.0 Ft.) LPC-11.12 (20/2) LPB-3.4 (25/2) OLHA-013 4.03 OLHA-013 3.56

EXISTING CONCESSION STAND TRANSCLOSURE. SEE NOTE 3. SEE NOTE 4. T-E (EX)

POLE A1 (3.0 Ft.) LPB-1.2 (25/2) LPA-1.2 (20/2) OLHA-013 .13

OLGP-114 0.51-3" 1.22-18" 1.01-30" <1-45"

OLHA-059 2.56

POLE C5 (3 Ft.) LPC-5.6 (30/2)

EXISTING 50KVA TRANSFORMER SHALL BE REUSED IN FIELD D TRANSCLOSURE. NEW TRANSFORMER FOR FIELD C SHALL BE 75KVA. T-C (EX) LPC

POLE B3 (3.0 Ft.) LPC-3.4 (30/2) LPD-9.10 (30/2) OLHA-053 0.98 OLHA-214 .13 OLHA-141 4.99

OLGP-086 → 8.8-3" <1-18" <1-30" <1-42"

LPD T-D (EX) REMOVE EXISTING 37.5 KVA TRANSFORMER AND TURN OVER TO THE OWNER AT LOCATION SPECIFIED BY THE OWNER. REUSE 50KVA TRANSFORMER FROM T-C FOR FIELD D.

POLE A3 (3.0 Ft.) LPC-1.2 (20/2) LPD-11.12 (25/2) OLHA-051 6.39

POLE A2 (4.0 Ft.) LPA-11.12 (20/2) LPD-1.2 (25/2) OLGP-122 0.045-3" <1-18" 2.1-30" 4.0-44"

POLE B2 (3 Ft.) LPD-3.4 (30/2) LPA-9.10 (30/2) OLHA-280 → 1.56 OLHA-132 → 3.2

OLHA-018 1.5-6 32.6-18

POLE C2 (3.0 Ft.) LPA-7.8 (30/2)

CONTRACTOR SHALL INSTALL 8"X8"X6" WEATHERPROOF JUNCTION BOX AT THE BASE OF EACH NEW POLE. SPLICE CONDUCTORS IN BOX AND ROUTE INTO POLE CAVITY. TYPICAL FOR 16 POLES.

OLHA-089 6.34

OLGP-069 1.3-3" 1.2-18" 1.1-30" .09-38"

POLE C4 (3 Ft.) LPD-7.8 (20/2)

OLHA-051 2.91

OLHA-041 20.1

POLE C3 (1 Ft.) LPD-5.6 (20/2) OLGP-099 2.7-3" <1-18" <1-30" <1-42"

NOTES:
1. CIRCUITS TO POLES SHALL BE ROUTED AROUND THE FIELDS. DO NOT CROSS THE FIELDS OR DAMAGE THE FIELDS IN ANY WAY.
2. ALL EXISTING TRANSCLOSURES (5 TOTAL) SHALL BE REPLACED WITH NEW. SEE SINGLE LINE DIAGRAM.
3. INSTALL NEW 20/1 NEMA 3R ENCLOSED CIRCUIT BREAKER FOR FLAG POLE LIGHTING ON EXTERIOR OF TRANSCLOSURE. TIE NEW BREAKER IN TO EXISTING CIRCUIT. REMOVE EXISTING BREAKER INSIDE OF TRANSCLOSURE.
4. EXISTING TOGGLE SWITCHES ARE LOCATED INSIDE A CLOSET IN THE CONCESSIONS STAND. CONTRACTOR SHALL REPLACE EXISTING SWITCHES WITH NEW AND INSTALL AN ENGRAVED FACEPLATE WITH THE NAME OF EACH FIELD ABOVE EACH SWITCH. VERIFY FIELD NAMES WITH OWNER. PROVIDE AND INSTALL A NEW PULL BOX ON THE EXTERIOR OF THE CONCESSION STAND FOR THE NEW OIL SWITCH CONTROL CONDUITS TO TERMINATE IN AND ROUTE ONE CONDUIT FROM THE PULL BOX TO THE NEW TOGGLE SWITCHES INSIDE THE CLOSET. STUB (2)-3/4" CONDUITS FROM JUNCTION BOX TO OUTSIDE CONCRETE AREA. VERIFY LOCATION WITH OWNER.
5. CONTRACTOR SHALL SUBMIT A DRAWING OF ALL CONDUIT ROUTING PRIOR TO TRENCHING.
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NOTE:
ALL 120 VOLT CIRCUIT WIRE SIZES SHALL BE BASED UPON DISTANCE FROM PANELBOARD FEEDING THE CIRCUITS AS FOLLOWS AND THE CIRCUITS SHALL HAVE A 3% VOLTAGE DROP OR LESS:
LESS THAN 75 FEET.....#12 AWG
BETWEEN 76' AND 125'.....#10 AWG
BETWEEN 126' AND 190'.....#8 AWG

ELECTRICAL SITE PLAN

SCALE: 1" = 30'-0"

REVISIONS	BY

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NEW ATHLETIC LIGHTING FOR OXFORD SOFTBALL FIELDS OXFORD, ALABAMA

ELECTRICAL SITE PLAN

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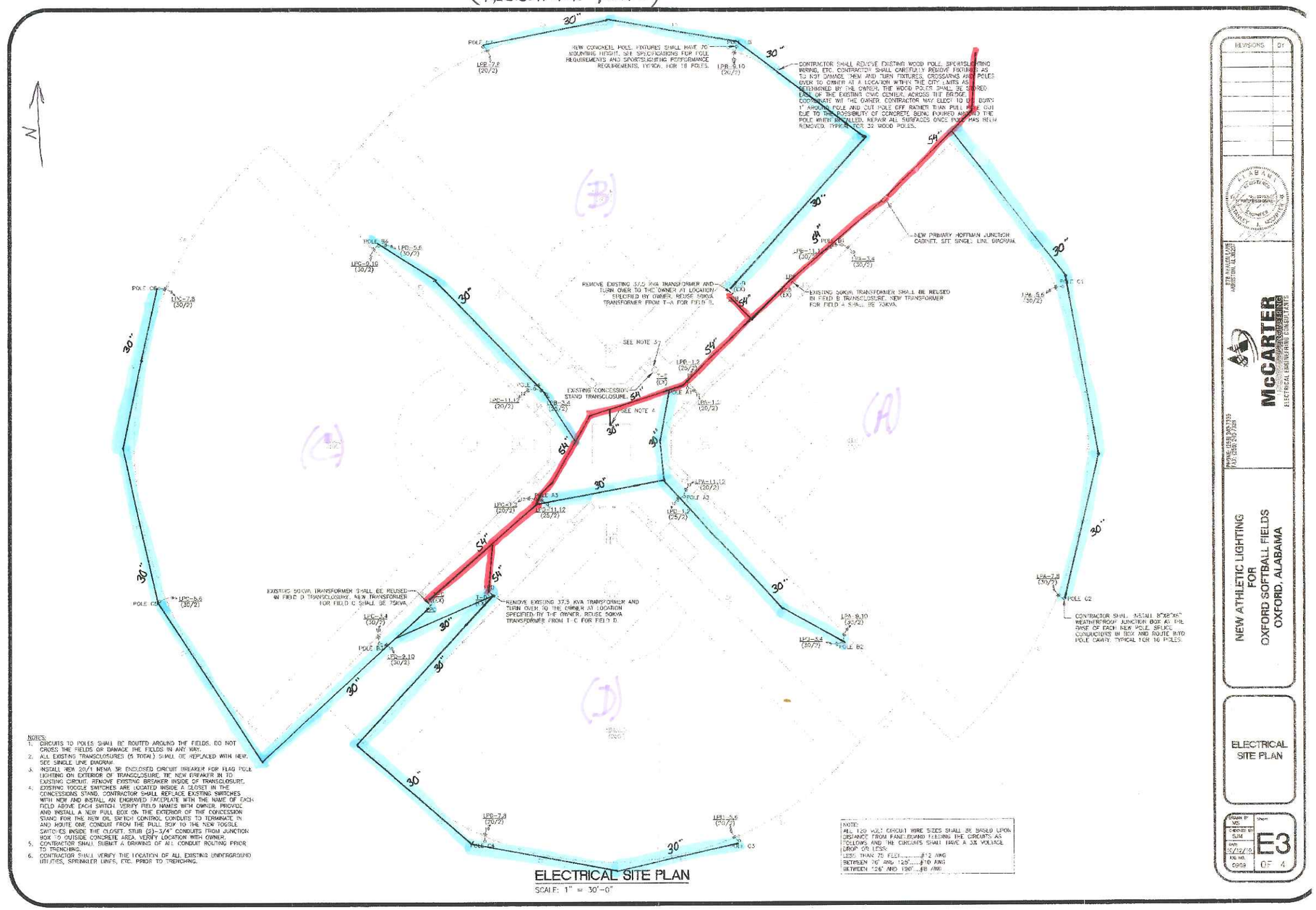

ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"

REVISIONS BY

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NEW ATHLETIC LIGHTING FOR OXFORD SOFTBALL FIELDS OXFORD, ALABAMA

ELECTRICAL SITE PLAN

DRAWN BY: MS
CHECKED BY: SJM
DATE: 10/12/15
JOB NO. 0958
SHEET E3 OF 4

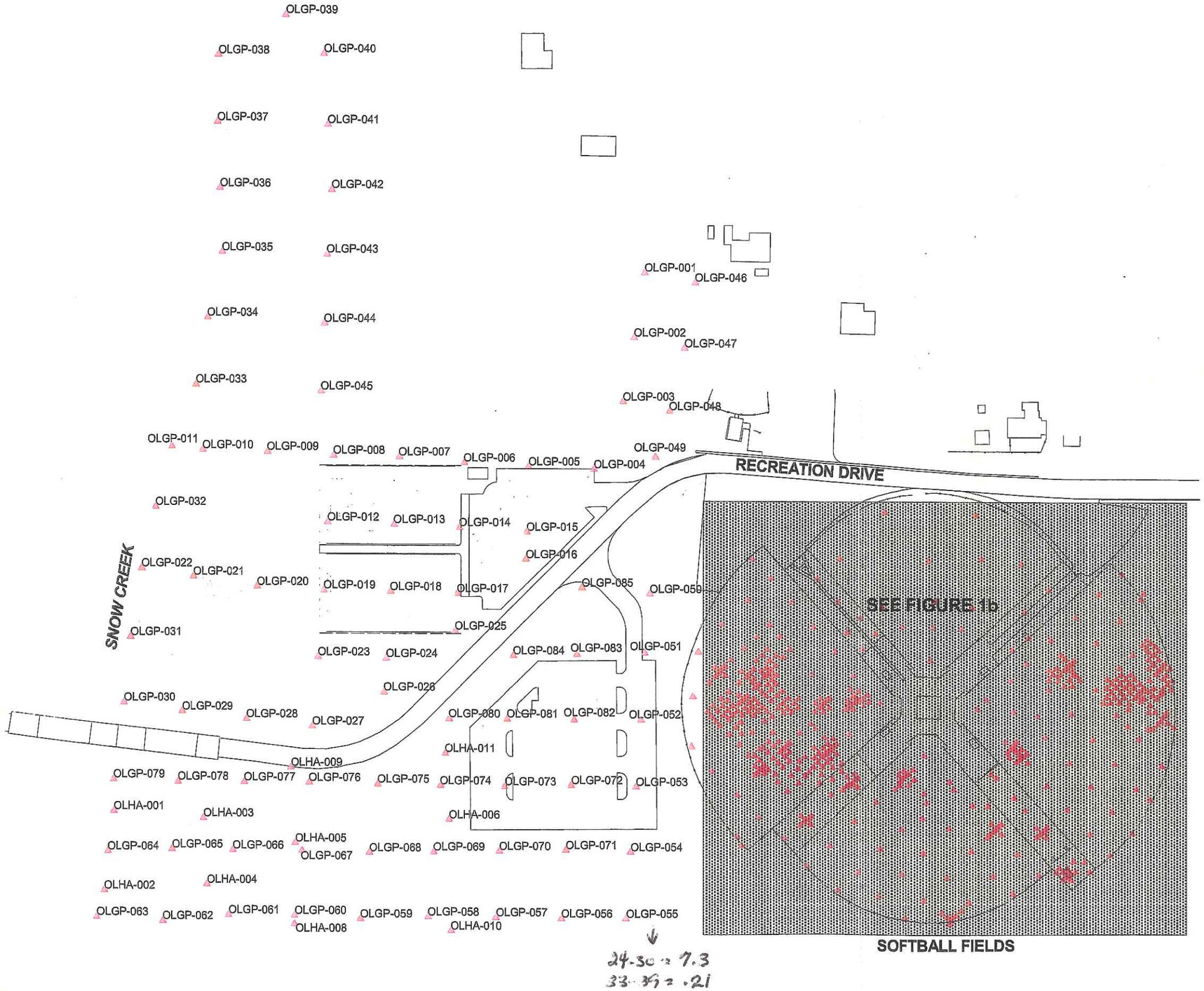
→ Primary - 54"
→ Secondary - 30"

I-20

(Remediation Documents
Electrical Trenching Drawing OPSC)

Soil Sample Locations
Oxford Lake Softball Complex

Solutia Inc.
Oxford, Alabama



LEGEND

△ Sample Location with ID Label

Note: Oxford Lake image provided by BBL, Inc.
Sample locations and results provided by Genesis Project, Inc.

SCALE

80 0 80 160 Feet

N

File	Produced	Date	Figure
Q:\..\0062.apr	Checked JES	April 2004	1a

Results for Samples Collected Less Than One Foot Below Ground Surface

Based on Minimum Depth

Solutia Inc.
Oxford, Alabama

LEGEND

Chemistry Results

- BDL (Below Detection Limit) or < 1 ppm
- 1 to 10 ppm
- 10 to 50 ppm
- > 50 ppm

Immunoassay Results

- Non-detections or < 1 ppm
- Detections > 1 ppm

Note: Immunoassay results are shown only if a chemistry result does not exist for a particular location at the specified depth

SCALE

80 0 80 160 Feet

N

File	Produced	Date	Figure
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RECREATION DRIVE

SNOW CREEK

SEE FIGURE 2b

SOFTBALL FIELDS

Results for Samples Collected Between One and Two Feet Below Ground Surface

Based on Minimum Depth

Solutia Inc.
Oxford, Alabama

LEGEND

Chemistry Results

- BDL (Below Detection Limit) or < 1 ppm
- 1 to 10 ppm
- 10 to 50 ppm
- > 50 ppm

Immunoassay Results

- Non-detections or < 1 ppm
- Detections > 1 ppm

Note: Immunoassay results are shown only if a chemistry result does not exist for a particular location at the specified depth

SCALE

80 0 80 160 Feet

N

File	Produced	Date	Figure
Q:\..\0062.apr	JES	April 2004	3a
	Checked		

RECREATION DRIVE

SNOW CREEK

SEE FIGURE 3b

(1) (2) (3) (4)

SOFTBALL FIELDS

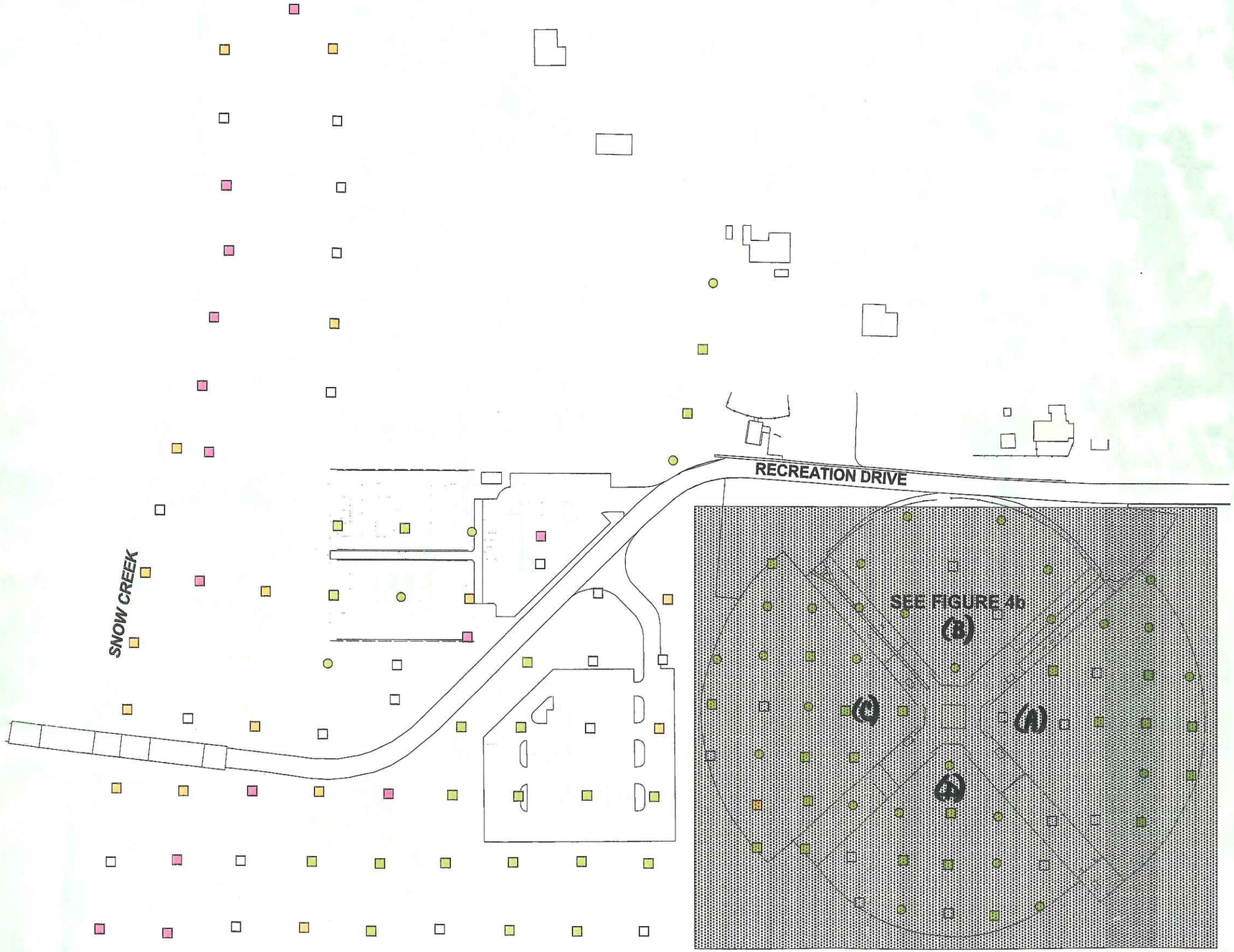
New Pole (Primary Feed)

Between 1+2 ft.

Results for Samples Collected Between Two and Two and a Half Feet Below Ground Surface

Based on Minimum Depth

Solutia Inc.
Oxford, Alabama



LEGEND

Chemistry Results

- BDL (Below Detection Limit) or < 1 ppm
- 1 to 10 ppm
- 10 to 50 ppm
- > 50 ppm

Immunoassay Results

- Non-detections or < 1 ppm
- Detections > 1 ppm

Note: Immunoassay results are shown only if a chemistry result does not exist for a particular location at the specified depth

SCALE

80 0 80 160 Feet

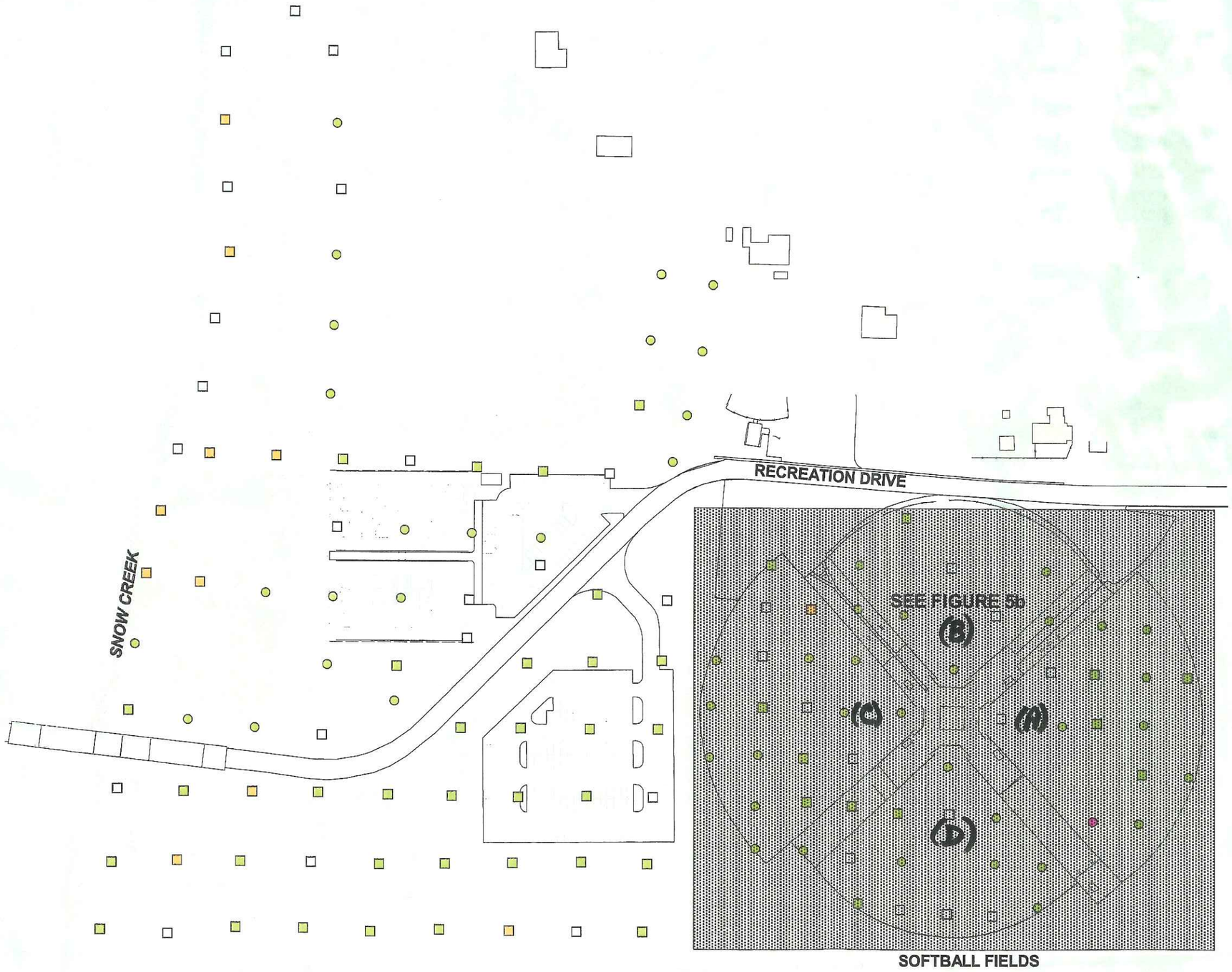
N

File	Produced	Date	Figure
Q:\..\0062.apr	JES Checked	April 2004	4a

Results for Samples Collected Greater Than Two and a Half Feet Below Ground Surface

Based on Minimum Depth

Solutia Inc.
Oxford, Alabama



LEGEND

Chemistry Results

- BDL (Below Detection Limit) or < 1 ppm
- 1 to 10 ppm
- 10 to 50 ppm
- > 50 ppm

Immunoassay Results

- Non-detections or < 1 ppm
- Detections > 1 ppm

Note: Immunoassay results are shown only if a chemistry result does not exist for a particular location at the specified depth

SCALE

80 0 80 160 Feet

N

File	Produced	Date	Figure
Q:\..\0062.apr	JES Checked	April 2004	5a

Soil Sample Locations
Oxford Lake Softball Complex

Solutia Inc.
Oxford, Alabama

LEGEND

△ Sample Location with ID Label

Note: Oxford Lake image provided by BBL, Inc.
Sample locations and results provided by Genesis Project, Inc.

SCALE

20 0 20 40 60 Feet

N

File	Produced	Date	Figure
Q:\..\0062.apr	JES	April 2004	1b
	Checked		

SEE FIGURE 1c

SEE FIGURE 1d

Sample Locations & IDs

OHGP-125 → 3" - <1
OLHA-019 - 0"-6" = 11.5 → 18" - <1
14"-15" = 0.68 → 30" - <1

R:\Pics\2010-11-08
DCP_5177

Results for Samples Collected Less Than One Foot Below Ground Surface

Based on Minimum Depth

Solutia Inc.
Oxford, Alabama

LEGEND

Chemistry Results

- BDL (Below Detection Limit) or < 1 ppm
- 1 to 10 ppm
- 10 to 50 ppm
- > 50 ppm

Immunoassay Results

- Non-detections or < 1 ppm
- Detections > 1 ppm

Note: Immunoassay results are shown only if a chemistry result does not exist for a particular location at the specified depth

SCALE

20 0 20 40 60 Feet

N

File	Produced	Date	Figure
Q:\..\0062.apr	JES Checked	April 2004	2b

(A)

(B)

(C)

(D)

OLGP-125

OLHA-019 0-6" = 11.5
<1 ft. 12-15" = 0.68

3" = <1
18" = <1
30" = <1

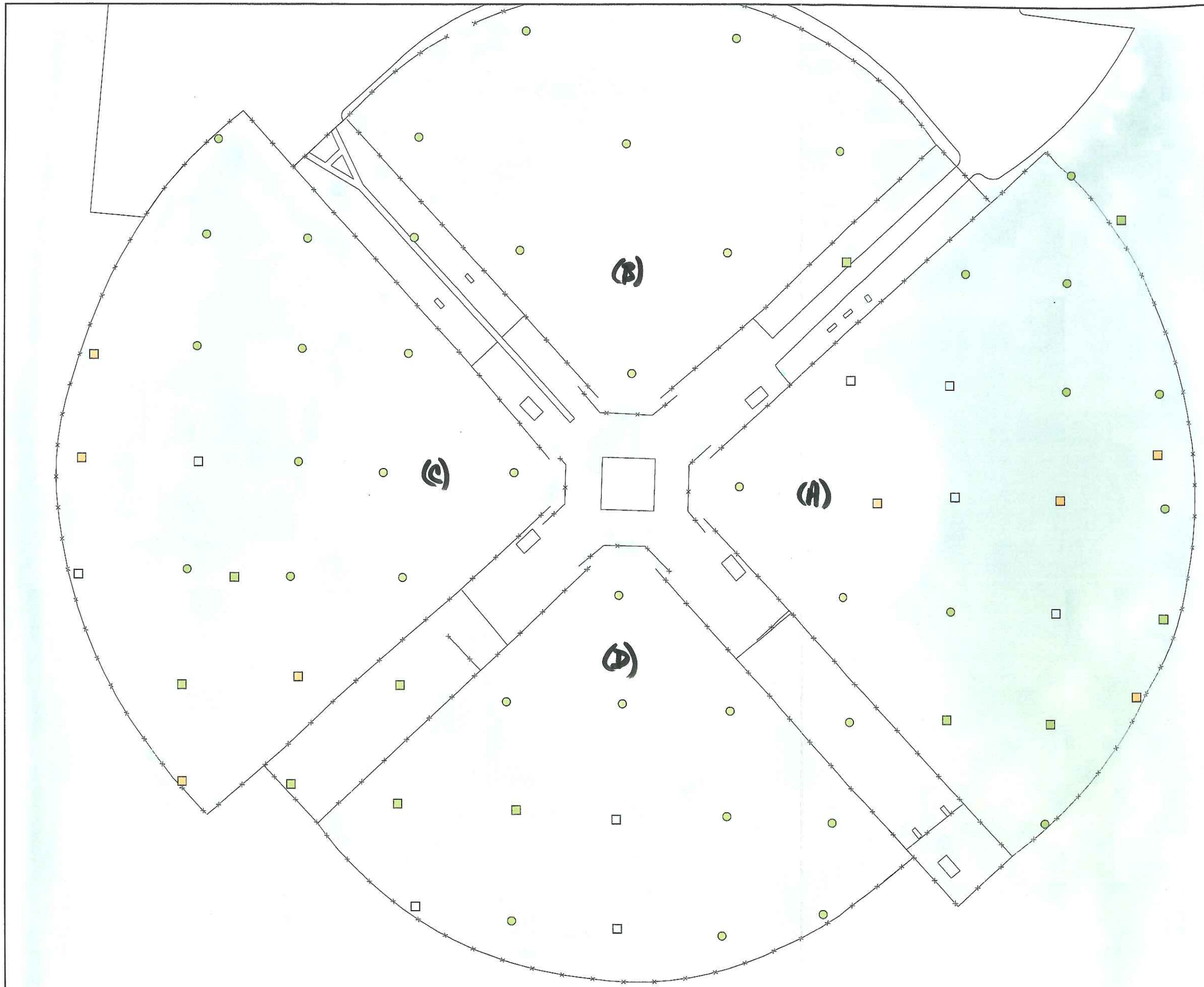
New Pole (Primary Feed)

21.0'

Results for Samples Collected Between One and Two Feet Below Ground Surface

Based on Minimum Depth

Solutia Inc.
Oxford, Alabama



LEGEND

Chemistry Results

- BDL (Below Detection Limit) or < 1 ppm
- 1 to 10 ppm
- 10 to 50 ppm
- > 50 ppm

Immunoassay Results

- Non-detections or < 1 ppm
- Detections > 1 ppm

Note: Immunoassay results are shown only if a chemistry result does not exist for a particular location at the specified depth

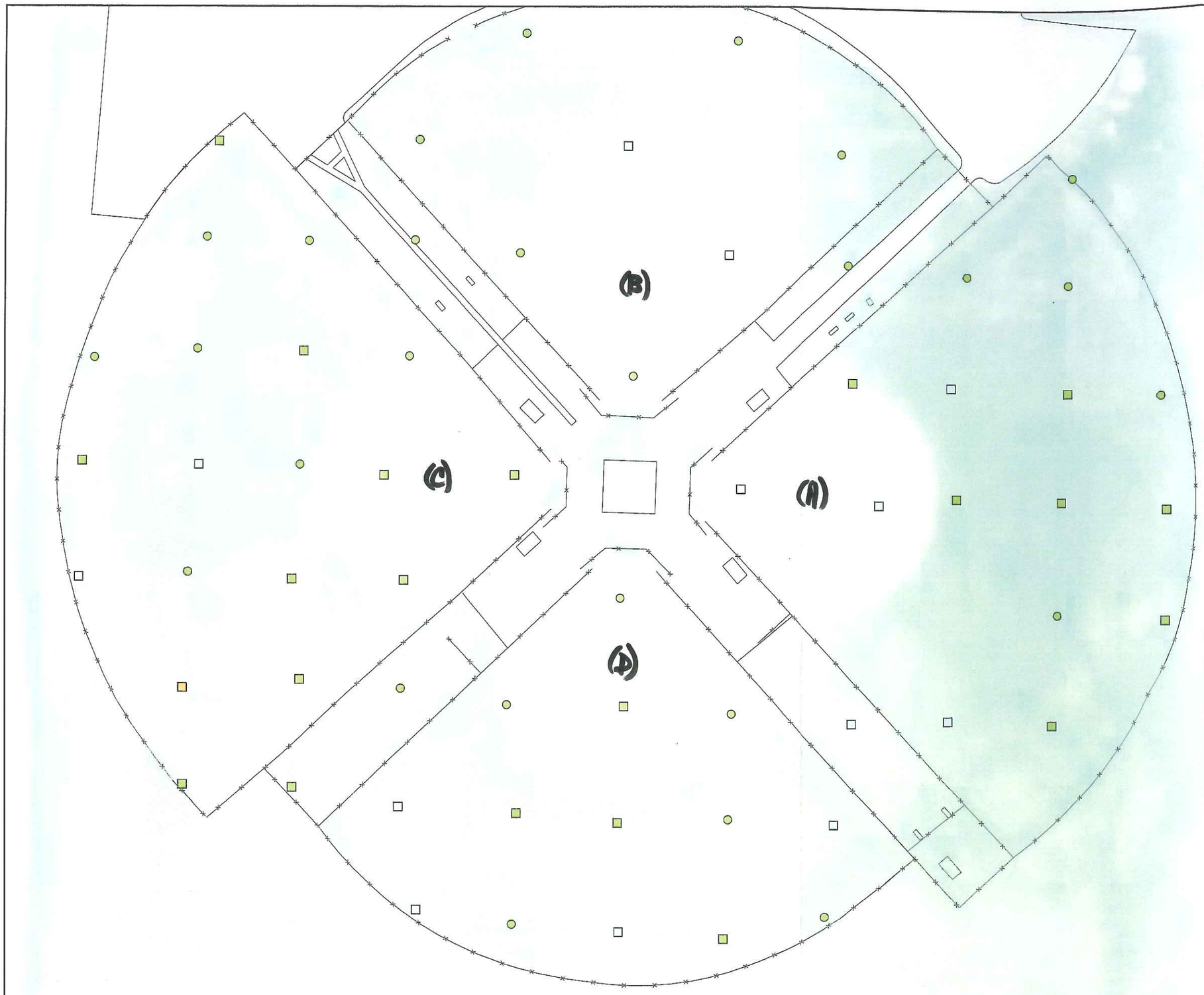
SCALE

20 0 20 40 60 Feet

N

File	Produced	Date	Figure
Q:\..\0062.apr	JES Checked	April 2004	3b

1-2 ft.



Results for Samples Collected Between Two and Two and a Half Feet Below Ground Surface

Based on Minimum Depth

Solutia Inc.
Oxford, Alabama

LEGEND

Chemistry Results

- BDL (Below Detection Limit) or < 1 ppm
- 1 to 10 ppm
- 10 to 50 ppm
- > 50 ppm

Immunoassay Results

- Non-detections or < 1 ppm
- Detections > 1 ppm

Note: Immunoassay results are shown only if a chemistry result does not exist for a particular location at the specified depth

SCALE

20 0 20 40 60 Feet

N

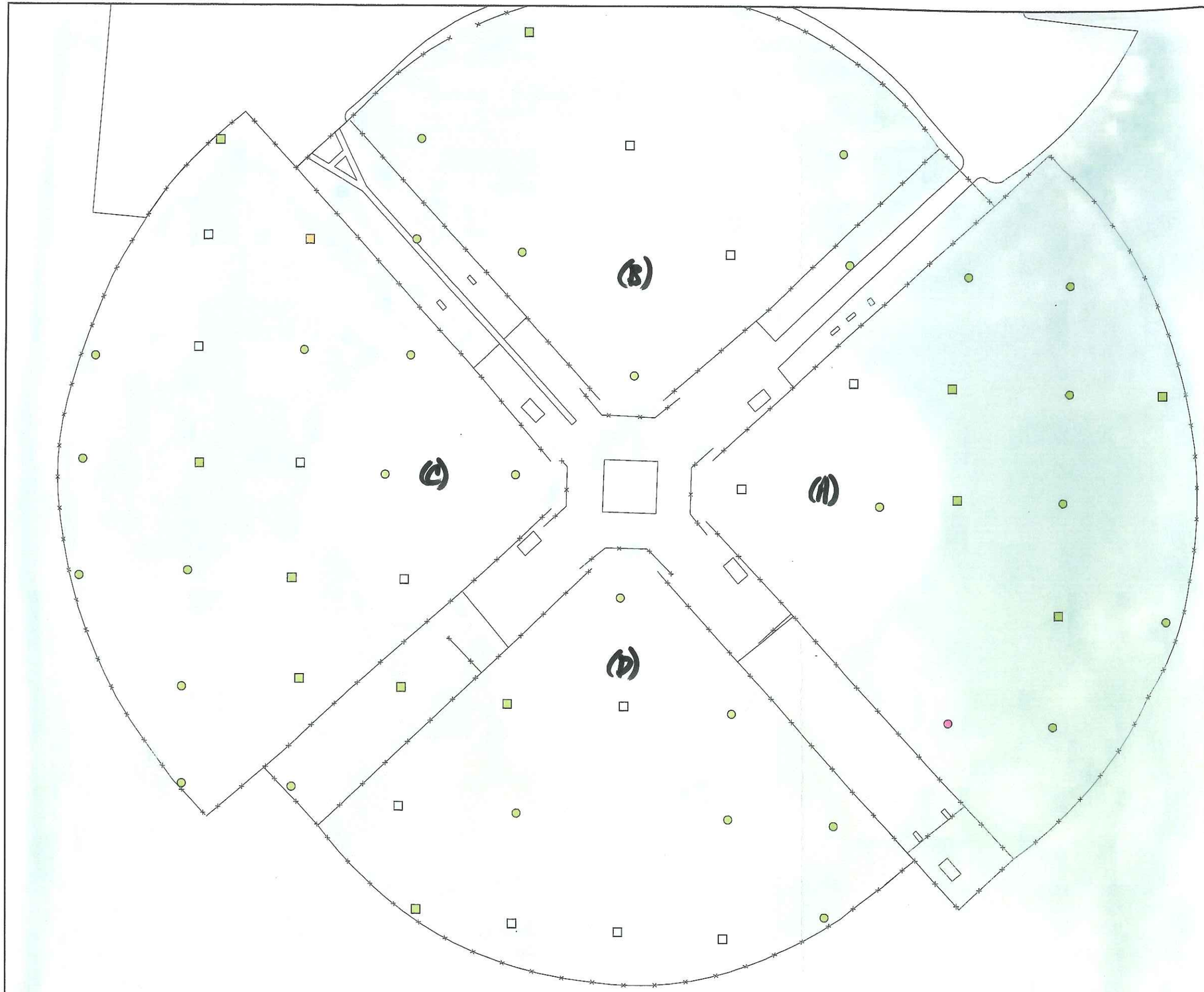
File	Produced	Date	Figure
Q:\..\0062.apr	Checked JES	April 2004	4b

2- 2½ ft.

Results for Samples Collected Greater Than Two and a Half Feet Below Ground Surface

Based on Minimum Depth

Solutia Inc.
Oxford, Alabama



LEGEND

Chemistry Results

- BDL (Below Detection Limit) or < 1 ppm
- 1 to 10 ppm
- 10 to 50 ppm
- > 50 ppm

Immunoassay Results

- Non-detections or < 1 ppm
- Detections > 1 ppm

Note: Immunoassay results are shown only if a chemistry result does not exist for a particular location at the specified depth

SCALE

20 0 20 40 60 Feet

N

File	Produced	Date	Figure
Q:\..\0062.apr	Checked JES	April 2004	5b

> 2½ ft.

Soil Sample Locations
Oxford Lake Softball Complex

Solutia Inc.
Oxford, Alabama

LEGEND

△ Sample Location with ID Label

Note: Oxford Lake image provided by BBL, Inc.
Sample locations and results provided by Genesis Project, Inc.

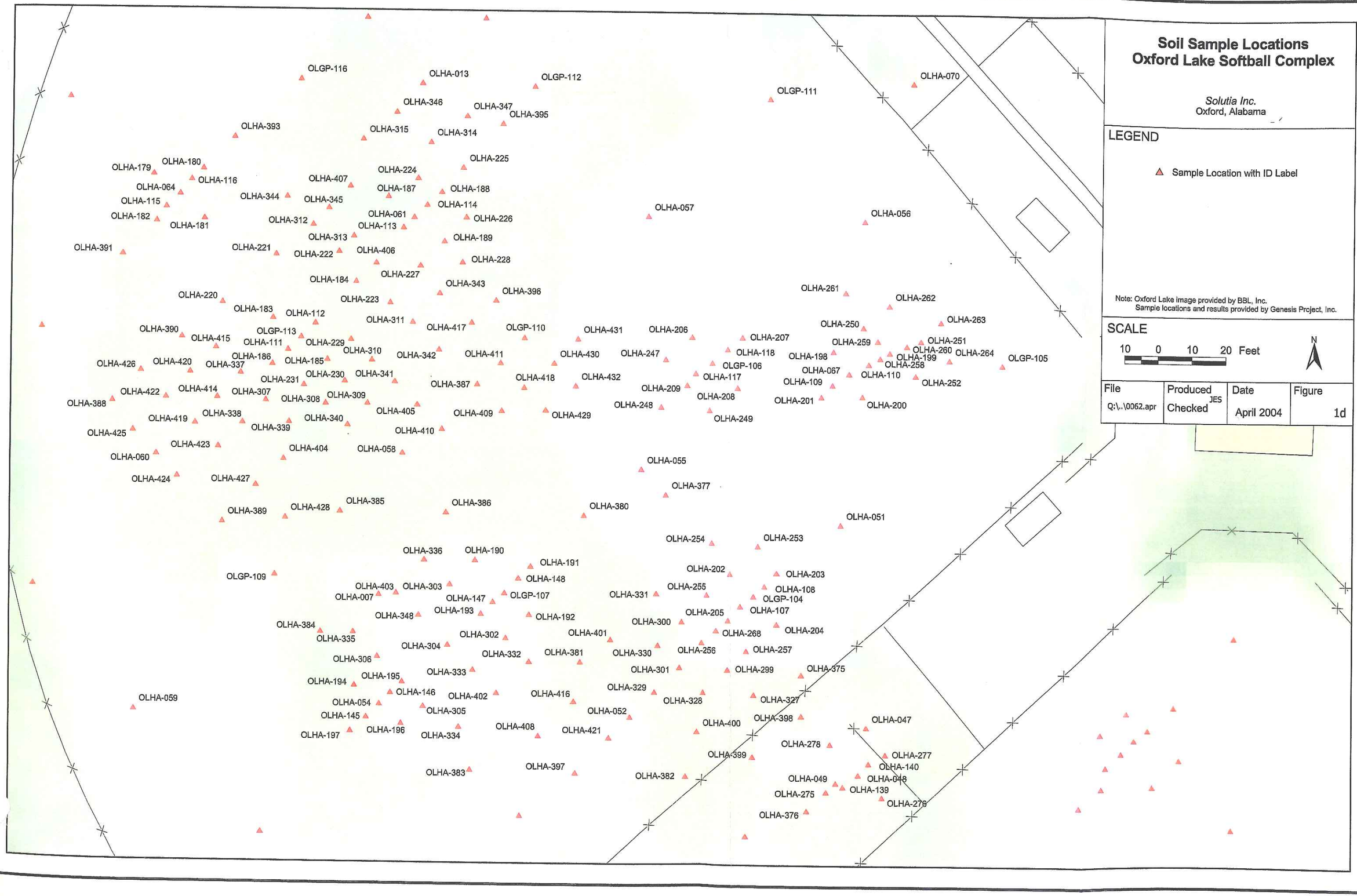
SCALE

10 0 10 20 Feet

N

File	Produced	Date	Figure
Q:\..\0062.apr	JES	April 2004	1c
	Checked		

OLGP-126
OLHA-074
OLHA-076
OLHA-369
OLHA-363
OLHA-081
OLHA-356
OLHA-364
OLHA-353
OLHA-354
OLHA-234
OLHA-370
OLHA-324
OLHA-177
OLHA-242
OLHA-287
OLHA-178
OLGP-123
OLHA-126
OLHA-166
OLHA-167
OLGP-127
OLHA-124
OLHA-298
OLHA-125
OLGP-131
OLHA-288
OLGP-132
OLHA-286
OLHA-362
OLHA-176
OLHA-175
OLHA-123
OLHA-361
OLHA-237
OLHA-317
OLHA-319
OLHA-320
OLHA-165
OLHA-238
OLHA-168
OLHA-368
OLHA-297
OLHA-296
OLHA-349
OLHA-371
OLHA-352
OLHA-294
OLHA-295
OLHA-284
OLHA-241
OLHA-285
OLHA-359
OLHA-318
OLHA-240
OLHA-291
OLHA-323
OLHA-325
OLHA-316
OLHA-077
OLHA-080
OLHA-365
OLHA-351
OLHA-293
OLHA-162
OLHA-163
OLHA-322
OLHA-412
OLHA-413
OLHA-358
OLHA-350
OLHA-292
OLHA-120
OLHA-289
OLHA-082
OLHA-243
OLHA-119
OLHA-321
OLHA-017
OLHA-366
OLHA-357
OLHA-326
OLHA-161
OLHA-164
OLHA-360
OLHA-372
OLHA-367
OLHA-355
OLHA-290
OLHA-239
OLHA-244
OLHA-373
OLGP-130
OLHA-374
OLHA-170
OLHA-171
OLGP-128
OLGP-133
OLHA-122
OLGP-137
OLHA-121
OLHA-172
OLHA-169
OLHA-378
OLHA-246
OLHA-379
OLHA-245
OLHA-079
OLHA-083
OLHA-086



Soil Sample Locations
Oxford Lake Softball Complex

Solutia Inc.
Oxford, Alabama

LEGEND

△ Sample Location with ID Label

Note: Oxford Lake image provided by BBL, Inc.
Sample locations and results provided by Genesis Project, Inc.

SCALE

10 0 10 20 Feet

N

File	Produced	Date	Figure
Q:\...\0062.apr	Checked JES	April 2004	1d

Post Excavation Sampling Locations

Solutia Inc.
Oxford, Alabama

LEGEND

- Initial Spot Removal Areas
- General Removal Areas
- Removal Areas Greater than 50 mg/kg

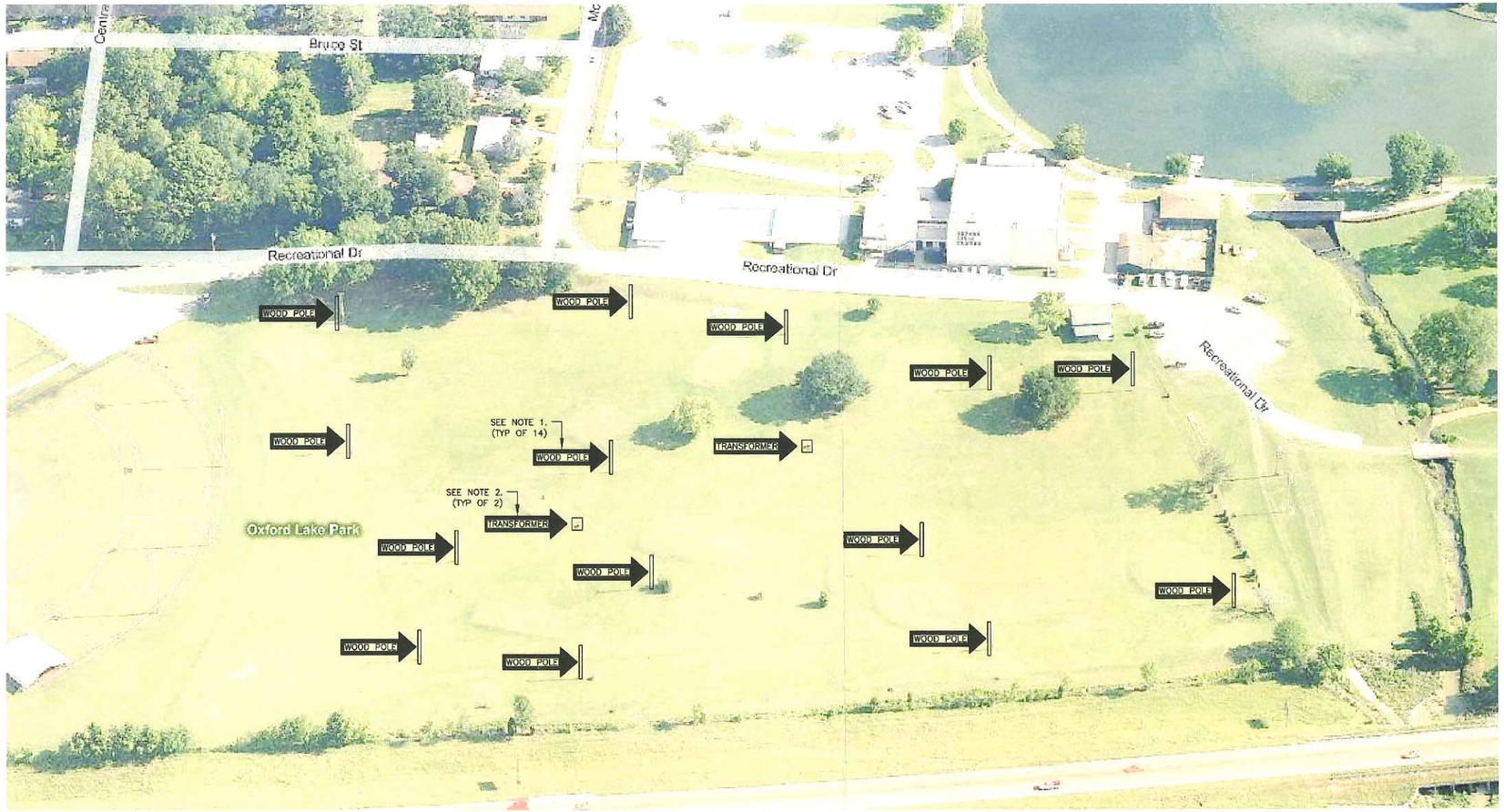
SCALE

30 0 30 60 Feet

N

File	Produced	Date	Figure
Q:\..\0062.apr	Checked JES	April 2004	6

POST EXCAVATION



9-HOLE GOLF COURSE DEMOLITION PLAN

N.T.S.

NOTES:
1. CONTRACTOR SHALL REMOVE EXISTING WOOD POLE, LIGHTING, CONDUCTORS, ETC. AND PROPERLY DISPOSE OF THEM. CONTRACTOR SHALL FILL HOLE WITH SOIL AND SEED DISTURBED AREAS. NEW LIGHTING AND POLES WILL NOT BE INSTALLED ON THE GOLF COURSE.
2. CONTRACTOR SHALL REMOVE EXISTING PADMOUNT TRANSFORMER, CONDUCTORS, BASE, ETC. TURN TRANSFORMER OVER TO OWNER AT LOCATIONS SPECIFIED BY THE OWNER. REPAIR ANY DAMAGE TO COURSE AND SEED AREA DISTURBED.

Poles - 14 Transformers - 2 w/padmount

REVISIONS	BY

ALABAMA REGISTERED No. 22753 PROFESSIONAL ENGINEER STANLEY J. MCCARTER

878 AVALON LANE
ANNISTON, AL 36207
PHONE: (256) 240-7335
FAX: (256) 240-7336
McCARTER ENGINEERING
ELECTRICAL ENGINEERING CONSULTANTS

NEW ATHLETIC LIGHTING FOR OXFORD SOFTBALL FIELDS OXFORD, ALABAMA

GOLF COURSE DEMOLITION PLAN

DRAWN BY	Sheet
MS	E4
CHECKED BY	
SJM	
DATE	
10/12/10	
JOB NO.	OF 4
0909	

Ductile Iron Pipe

Excavated Area: Canned for Test
12,000 s.f. @ 5" average cut.

ES

hic Survey made on the ground under the supervision of an
al Land Surveyor. Date of survey is 11 November 2010.

lities, underground encroachments, or building foundations were
d as part of this survey, unless otherwise shown. Trees and
cated, unless otherwise shown.

nducted for the purpose of a Topographic Survey only, and is not
e the regulatory jurisdiction of any federal, state, regional, or local
mission, or other similar entity.

to the fact that this survey may have been reduced or enlarged
oduction. This should be taken into consideration when obtaining

ct to any and all easements, rights of way, covenants, or
d, which a complete title search may reveal.

TLS PROJECT NO. 10-019

DRAWN BY: HFH

DATE: 11 Nov 2010

DESIGNED BY:

SCALE: 1" : 40'

CHECKED BY: TST

SHEET: 1 of 1

Topographi

City of Oxfo
Baseball Fields

Taylor Land Surveying Inc.
Surveyors * Planners * Consultants
225 Central Avenue / P.O. Box 3537
Oxford, Alabama 36203
(256) 835-4602
(256) 846-5005 Cell

TAYLOR
LAND SURVEYING

FIELD B

FIELD A

ASPHALT PAVEMENT

ASPHALT PAVEMENT

ASPHALT PAVEMENT

CONCRETE WALK

TRASH DUMPSTERS ON CONCRETE SLAB

(4) BOLLARDS

6" D.I. Pipe

8" D.I. Pipe

GATE

GATE

GATE

GATE

OLE

PARK BENCH ON CONCRETE SLAB (TYP)

PARK BENCH ON CONCRETE SLAB (TYP)

SCOREBOARDS

CANOPY OVER CONCRETE SLAB (TYP)

RESTROOMS AND CONCESSION

CONCRETE

CONCRETE

CONCRETE

CONCRETE

CONCRETE

CONCRETE

CONCRETE

DUGOUT

DUGOUT

DUGOUT

DUGOUT

DUGOUT

DUGOUT

PLANTER

PLANTER

PLANTER

×605.8

×606.7

×610.8

×616.0

×604.9

×604.4

×603.9

×603.5

606

607

608

609

610

605

604

STEEL COVER OVER
CONCRETE VAULT

Recreation Drive

606
607
608
609
610

610.8

616.0

TRASH DUMPSTERS
ON CONCRETE SLAB

(4) BOLLARDS

ASPHALT PAVEMENT

ASPHALT PAVEMENT

6" D.I. Pipe

8" D.I. Pipe

GATE

606.7

604.9

604.4

603.9

FIELD B

CONCRETE WALK

PARK BENCH ON
CONCRETE SLAB (TYP)

SCOREBOARDS

ASPHALT PAVEMENT

PARK BENCH ON
CONCRETE SLAB (TYP)

CONCRETE

CONCRETE

CONCRETE

CONCRETE

DUGOUT

PLANTER

DUGOUT

CANOPY OVER
CONCRETE SLAB (TYP)

Results for Samples Collected Less Than One Foot Below Ground Surface

Based on Minimum Depth

Solutia Inc.
Oxford, Alabama

LEGEND

Chemistry Results

- BDL (Below Detection Limit) or < 1 ppm
- 1 to 10 ppm
- 10 to 50 ppm
- > 50 ppm

Immunoassay Results

- Non-detections or < 1 ppm
- Detections > 1 ppm

Note: Immunoassay results are shown only if a chemistry result does not exist for a particular location at the specified depth

SCALE

20 0 20 40 60 Feet

N

File	Produced	Date	Figure
Q:\..\0062.apr	JES Checked	April 2004	2b

Drainage Construction Activity Between Fields "A" & "B"

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

Box # 107769

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. 11001
2. Page 1 of

A. Manifest Number **WMNA** 265503

3. Generator's Name and Mailing Address: SOLUTIA, INC. (Anniston PCB Site) 702 CLYDESDALE AVE. ANNISTON, AL 36201-5390

4. Generator's Phone: 256 231-8403

B. State Generator's ID

5. Transporter 1 Company Name: Taylor Corp.
6. US EPA ID Number: 1535042 AL

C. State Transporter's ID
D. Transporter's Phone: 256-835-1800

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: THREE CORNERS REGIONAL LANDFILL 2905 COUNTY ROAD 6 PIEDMONT, AL 36272
10. US EPA ID Number

G. State Facility's ID
H. Facility's Phone: 256-447-1001

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. PCB CONTAMINATED SOIL & DEBRIS (BELOW 50PPM) ADEM # 062011-A006 WM Profile #	01	CM	(Est) 00015	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ✓ Solidification

Bio Remediation

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

CERTIFICATE OF DISPOSAL REQUESTED

[illegible handwriting]

Purchase Order # 4503913285 EMERGENCY CONTACT: 256-835-1800

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name: Jerry D. Hopper Signature "On behalf of": [signature] Month Day Year: 01 19 11

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] Signature: [signature] Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Signature Month Day Year

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certificateion of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name: [illegible] Signature: [signature] Month Day Year

CWM - NHM - 1- 5/97

#4 - GENERATOR #2 COPY

Solutia [illegible]

WASTE MANAGEMENT

THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL 36272

Ph: (256) 447-1961

Original
Ticket# 265566

Customer Name SOLUTIA_CF6400_GW5520_400 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 01/19/2011 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Route Check#
Hauling Ticket# Billing# 0000408
Destination Grid
PO# 1) 4503920546 2) 4503920546 3) 4503920546
Manifest# 265503
Profile# CF6400 (Special Waste Misc)
Generator 101-SOLUTIA SOLUTIA

Time	Scale	Operator	Inbound		
In 01/19/2011 09:20:38	Scale1	jpeoddus		Gross	55940 lb
Out 01/19/2011 09:50:38				Tare	31540 lb
				Net	24400 lb
				Tons	12.20

Liner

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Proj # 107775

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. ALD004019048 Manifest Document No. 11002
2. Page 1 of 1

4503913285

A. Manifest Number WMNA 265502

3. Generator's Name and Mailing Address: SOLUTIA, INC. 702 CLYDESDALE AVE. ANNISTON, AL 36201-5390

4. Generator's Phone 256 231-8483

B. State Generator's ID

5. Transporter 1 Company Name: Taylor Corp.
6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: THREE CORNERS REGIONAL LANDFILL, COUNTY ROAD 5, PIEDMONT, AL 36272
10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone 256/447-1881

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. PCB CONTAMINATED SOIL & DEBRIS (BELOW 50PPM) WM Profile #	001	DM	00015	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ✓ Solidification

Bio Remediation

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information

CERTIFICATE OF DISPOSAL REQUESTED

Purchase Order # 4503913285 EMERGENCY CONTACT: 256-235-1800

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name | Signature "On behalf of" | Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certificateion of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name | Signature | Month Day Year

4-1-5/97

#4 - GENERATOR #2 COPY

Solutia - Ball Park - Oxford

WASTE MANAGEMENT

THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272

Original
Ticket# 265649
Ph: (256) 447-1081

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 01/21/2011 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Route Check#
Hauling Ticket# Billing# 0000408
Destination Grid
PO# 1) 4503928546 2) 4503928546 3) 4503928546
Manifest# 265306
Profile# CF6400 (Special Waste Misc)
Generator 181 SOLUTIA SOLUTIA

Time		Scale	Operator	Inbound		
In	01/21/2011 07:21:50	Scale1	jpasqua		Gross	54440 lb
Out	01/21/2011 07:21:58		jpasqua		Tare	31540 lb
					Net	22900 lb
					Tons	11.45

Comments

MON-FRI 7:00 AM-4:30 PM / SAT&SUN CLOSED/1ST SAT OF MONTH OPEN 7-11:30AM

[illegible]

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	NON-TSCA PCB SOIL/DEBRI	100	11.45	Tons				CALAL
2	FUEL Fuel Surcharge - L	100		%				CALAL
3	EVF-L Standard Environm	100	1	Load				CALAL

Total Fees
Total Ticket

Driver's Signature

Liner

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

TWE Bol # 107775

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. ALD980419048 Manifest Document No. 11003

2. Page 1 of 1 — 4503913285

3. Generator's Name and Mailing Address
SOLUTIA, INC.
702 CLYDESDALE AVE.
ANNISTON, AL 36201-5390

A. Manifest Number WMNA 265504

B. State Generator's ID

4. Generator's Phone 256 231-8483

5. Transporter 1 Company Name — Industrial Waste Comp. Inc. — 6. US EPA ID Number 152504 2 AL

C. State Transporter's ID

D. Transporter's Phone (256) 835-3399 x 1

7. Transporter 2 Company Name — 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
THREE CORNERS REGIONAL LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL 36272

10. US EPA ID Number 0 0 0 0 0 0 0 0 0 0 0 0

G. State Facility's ID

H. Facility's Phone 256/447-1891

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. PCB CONTAMINATED SOIL & DEBRIS (BELOW 50PPM) AREM # 063011-A006 WM Profile # 6488	001	CM	00015 (Est)	T	PCB <50ppm Non-Haz
b. WM Profile #			17.49	TONS	
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill ✓ Solidification
Bio Remediation

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
CERTIFICATE OF DISPOSAL REQUESTED
State of Origin - AL
Out of Service Date - 11/24/11
(Weight Ticket Required Return to Jerry Hopper)
Purchase Order # 4503913285 EMERGENCY CONTACT: (256) 835-1800

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name	Signature "On behalf of"	Month	Day	Year
Jerry O. Hopper	Jerry O. Hopper Solutia Inc.	04	29	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		04	29	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certificateion of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name	Signature	Month	Day	Year
TRUMAN PASCA		04	29	11

Solutra Ball PK.

WASTE MANAGEMENT

THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272

Original
Ticket# 265504
Ph: (256) 447 1801

Customer Name SOLUTIA_CF6400_CW5520_40B SOL
Ticket Date 02/01/2011
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1) 4503928546 2) 4503928546 3) 4503928546
Manifest# 265504
Profile# CF6400 (Special Waste Misc)
Generator 181 SOLUTIA SOLUTIA

Carrier INDUSTRIAL WASTE INC
Vehicle# MSCI4 Volume
Container
Driver
Check#
Billing# 0000400
Grid

	Time	Scale	Operator	Inbound	Gross	55520 lb
In	02/01/2011 08:27:24	Scale1	jpasque		Tare	31540 lb
Out	02/01/2011 08:35:16		jpasque		Net	23980 lb
					Tons	11.99

Comments

MON-FRI 7:00 AM-4:30 PM / SAT&SUN CLOSED/1ST SAT OF MONTH OPEN 7-11:30AM

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	NON-TSCA PCB SOIL/DEBRI	100	11.99	Tons				CALHL
2	FUEL Fuel Surcharge	100		%				CALHL
3	ENV Standard Environm	100	1	Load				CALHL

Total Fees
Total Ticket

Driver's Signature

Liner

403WM

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

Ink Bot # 107769

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. AL D 0 4 9 1 9 4 8 11004

Manifest Document No.

2. Page 1 of 1 — 4503913285

3. Generator's Name and Mailing Address
SOLUTIA, INC.
702 CLYDESDALE AVE.
ANNISTON, AL 36201-5390

A. Manifest Number WMNA 265505

B. State Generator's ID

4. Generator's Phone (256) 231-4483

5. Transporter 1 Company Name: Industrial Waste Carp. Inc.

6. US EPA ID Number: 1 5 2 5 0 4 2 A6

C. State Transporter's ID

D. Transporter's Phone (256) 835-3397

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
THREE CORNERS REGIONAL LANDFILL
2285 COUNTY ROAD 6
PIEDMONT, AL 36272

10. US EPA ID Number: 1 0 0 2 0 0 6 0 0 0 0

G. State Facility's ID

H. Facility's Phone 256/447-1881

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. PCB CONTAMINATED SOIL & DEBRIS (BELOW 50PPM) WM Profile # NHEM # 063011-A006	01	CM	00015 (EST.)	T	PCB - <50ppm Non Haz.
b. WM Profile #			16	T	TSCA
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ✓ Solidification

Bio Remediation

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information
CERTIFICATE OF DISPOSAL REQUESTED
State of Origin - AL
Out of Service Date - 1/24/11
(Weight Ticket Required Return to Jerry Hopper)

Purchase Order # 4503913285 EMERGENCY CONTACT: (256) 835-1800

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name	Signature "On behalf of"	Month	Day	Year
Jerry O. Hopper	Jerry O. Hopper / Solutia Inc.	01	31	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		02	01	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certificateion of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name	Signature	Month	Day	Year

CWM - NHM - 1- 5/97

#4 - GENERATOR #2 COPY

Solutia Ball Park

WASTE MANAGEMENT

THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272

Original
Ticket# 266052
Ph: (256) 447 1081

Customer Name	SOLUTIA_CF6400_CW5520_408 SOL	Carrier	INDUSTRIAL WASTE INC
Ticket Date	02/03/2011	Vehicle#	MACK2
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Route		Check#	
Hauling Ticket#		Billing#	0000408
Destination		Grid	

Volume

PO# 1) 4503928546 2) 4503928546 3) 4503928546
Manifest# 265505
Profile# CF6400 (Special Waste Misc)
Generator 101-SOLUTIA SOLUTIA

	Time	Scale	Operator	Inbound		
					Gross	64500 lb
In	02/03/2011 08:13:55	Scale1	jshields		Tare	31000 lb
Out	02/03/2011 08:31:16	Scale1	jshields		Net	33500 lb
					Tons	16.75

Comments

MON-FRI 7:00 AM-4:30 PM SAT&SUN CLOSED 1ST SAT OF MONTH OPEN 7-11:30AM

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	NON-TSCA PCB SOIL/DEBRI	100	16.75	Tons				CALAL
2	FUEL-Fuel Surcharge - 1	100		%				CALAL
3	EVF-L-Standard Environm	100	1	Load				CALAL

Total Fees
Total Ticket

Driver's Signature

Liner

403WM

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)* IWR Box # 113100

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. ALD 004 190 485 — Manifest Document No. 11005

2. Page 1 of 1 — 4503913285

3. Generator's Name and Mailing Address
SOLUTIA, INC.
702 CLYDESDALE AVE.
ANNISTON, AL 36201-5396

4. Generator's Phone 256 231-8483

A. Manifest Number **WMNA 265506**

B. State Generator's ID

5. Transporter 1 Company Name: Industrial Waste Sup. Inc — 6. US EPA ID Number: 152504214

C. State Transporter's ID

D. Transporter's Phone (256) 835-3299

7. Transporter 2 Company Name — 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
THREE CORNERS REGIONAL LANDFILL
2295 COUNTY ROAD 6
PIEDMONT, AL 36272

10. US EPA ID Number: 999999999999

G. State Facility's ID

H. Facility's Phone 256/447-1881

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. PCB CONTAMINATED SOIL & DEBRIS (BELOW 50PPM) ADEM # 063011-A006 WM Profile # 5488	001	CM	00015 (Est.)	T	PCBs <50ppm Non-Haz
b. WM Profile #			12.42	TON	
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ✓ Solidification

Bio Remediation

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information
CERTIFICATE OF DISPOSAL REQUESTED
State of Origin - AL
Out of State Date - 1/24/11
(Weight Ticket Required) (Return to Jenny Hopper)

Purchase Order # 4503913285 EMERGENCY CONTACT: (256) 835-1800

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name	Signature "On behalf of"	Month	Day	Year
Jenny O. Hopper	Jenny O. Hopper / Solutia Inc	01	31	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certificateion of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name	Signature	Month	Day	Year

Solutra Ball PIC

WASTE MANAGEMENT

THREE CORNERS LANDFILL
3205 COUNTY ROAD 6
FLORENCE, AL, 35633

Original
Ticket# 2666003

Ph: (256) 767-1001

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 02/05/2011 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Route Check#
Hauling Ticket# Billing# 00200406
Destination Grid
PO# 1: 4503926546 2: 4503920546 3: 4503926546
Manifest# 265506
Profile# CF6400 (Special Waste Misc)
Generator 101-SOLUTIO SOLUTIA

	Time	Scale	Operator	Inbound Gross	66,000 lb
In	02/05/2011 07:51:49	Scale1	jshields	Tare	31260 lb
Out	02/05/2011 08:17:18	Scale1	jshields	Net	34740 lb
				Tons	17.42

Comments

MON-FRI 7AM TO 4:30 PM / SAT&SUN CLOSED 1st SAT OF MONTH OPEN 7:15-11:30AM

	Product	LDS	Qty	UOM	Rate	Fee	Amount	Origin
1	NON-1SOA PCB SOIL DEORI	100	17.42	Tons				CALIN
2	FUEL Fuel Surcharge	100	1	%				CALAL
3	ENV Environmental	100	1	Load				CALOL

Total Fees
Total Ticket

Driver's Signature

RCG 2/5/11

Liner

40PWM

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)* IWI Bol # 107773

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. AL D 0 0 4 0 1 9 8 4 8 — Manifest Document No. 110106

2. Page 1 of 1 — 4503913285

3. Generator's Name and Mailing Address
SOLUTIA, INC. (ANNISTON RCB Site (OPSC))
702 CLYDESDALE AVE.
ANNISTON, AL 36201-5390

A. Manifest Number WMNA 265507

B. State Generator's ID

4. Generator's Phone (256) 231-4483

5. Transporter 1 Company Name Industrial Waste Inc.

6. US EPA ID Number 1 5 2 5 0 4 2 A L

C. State Transporter's ID

D. Transporter's Phone (256) 835-3377

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
THREE CORNERS REGIONAL LANDFILL
2295 COUNTY ROAD 6
PIEDMONT, AL 36272

10. US EPA ID Number 1 0 0 2 0 0 0 5 0 0 0 0

G. State Facility's ID

H. Facility's Phone 256/447-1881

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. PCB CONTAMINATED SOIL & DEBRIS (BELOW 50PPM) WM Profile # AIGM #063011-A006	001	CM	00015 (EST.)	T	PCBs < 50ppm Non-Haz.
b. WM Profile #			14.89	TONS	
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Landfill ✓ Solidification
Bio Remediation

K. Disposal Location
Cell Level
Grid

15. Special Handling Instructions and Additional Information
CERTIFICATE OF DISPOSAL REQUESTED
State of Origin - AL
Out of Service Date - 2/4/2011
(Weight Ticket Required Prior to Entry Permit)

Purchase Order # 4503913285 EMERGENCY CONTACT: (256) 835-1800

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name	Signature "On behalf of"	Month	Day	Year
Jerry O. Hopper	Jerry O. Hopper / Solutia Inc.	02	04	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		02	04	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certificateion of receipt of non-hazardous materials covered by this manifest.

Printed/Typed Name	Signature	Month	Day	Year

CWM - NHM - 1- 5/97

#4 - GENERATOR #2 COPY

Solutia Ball Park

WASTE MANAGEMENT

THREE CORNERS LANDFILL
2305 COUNTY ROAD 6
PIEDMONT, AL, 36272

Original
Ticket# 2660895

Ph: (256) 447-1881

Customer Name SOLUTIA_CF6400_CW6520_400 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 02-04-2011 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Route Check#
Hauling Ticket# Billing# 0000400
Destination Grid
PO# 1: 4500328546 2: 4500328546 3: 4500328546
Manifest# 266508
Profile# CF6400 (Special Waste Misc)
Generator 101-SOLUTIA SOLUTIA

	Time	Scale	Operator		Inbound	Gross	61540 lb
In	02/04/2011 09:01:37	Scale1	jshields			Tare	21700 lb
Out	02/04/2011 09:17:47	Scale1	jshields			Net	39840 lb
						Tons	19.92

Comments

MON-FRI 7:00 AM 4:30 PM / SAT&SUN CLOSED/1ST SAT OF MONTH OPEN 7-11:30AM

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	NON ISCA PCB SOIL/DEBRI	100	19.92	Tons				CALHL
2	FUEL Fuel Surcharge	1	100	%				CALHL
3	ENVF-L Standard Environm	100	1	Load				CALHL

Total Fees
Total Ticket

Driver's Signature

Liner

403WM

RE: Field Screening List

IWI Containers
Oxford Ball Park

Stored at Taylor Corp

Container Number	Date set at Oxford Ball Park	Previous Location	Date Picked From Previous Location	Liner Used
107771	January-12	Bobo Construction	7/27/2011	Yes
		Chip St. Oxford		
		Residential - Concrete Driveway		
121923	January-12	TC I-20 Job	8/11/2011	Yes
107921	January-12	TC I-20 Job	8/11/2011	Yes
113098	January-12	TC I-20 Job	8/11/2011	Yes
124841	January-12	TC 1-20 Job	8/11/2011	Yes
124845	January-12	The Singleton Company	11/15/2011	Yes
		Little John Dr. Anniston		
		Residential - Roofing Shingles		
107901	January-12	TC I-20 Job	8/11/2011	Yes

Hopper, Jerry O

From: John Loper [jloper@lopergroup.com]
Sent: Tuesday, January 24, 2012 8:51 PM
To: Hopper, Jerry O
Subject: FW: Container Log
Attachments: Containers at Oxford Ball Park0001.PDF

Jerry,

These are the roll-offs used to contain the Oxford Park soils excavated during the recent construction of drainage improvements at the ball fields. Still awaiting laboratory results for waste characterization purposes.

Thanks,

John L.

The Loper Group, Inc.
P.O. Box 569
Seabrook, TX 77586
281-291-9534 (Office)
281-635-2509 (Cell)
www.lopergroup.com

From: Donn Williams <donnwill49@att.net>
Date: Tue, 24 Jan 2012 19:53:09 -0600
To: John Loper <jloper@lopergroup.com>
Subject: FW: Container Log

John,
Brenda report on container use at the park is attached.
Donn

From: Brenda Gay [mailto:brenda@iwirolloffs.com]
Sent: Tuesday, January 24, 2012 12:30 PM
To: Donn Williams
Subject: Container Log

Hi Donn:

Please see the attached. If it is not what you need, let me know and I will make changes/corrections.

Have a super great week!

Thanks,

Brenda S. Gay
President
Industrial Waste, Inc.
PO Box 3405
Oxford, AL 36203
(256) 835-3377 Office
(256) 846-0977 Cell
brenda@iwirolloffs.com

591 - 2539

Table 1. Field Screening and Laboratory Analatyical Results
Oxford Lakes Softball Complex Drainage Improvement Project Excavation Roll-Off Containers
Anniston PCB Site, Anniston, Alabama

Sample ID	Date Sampled	Field Screening Level (ppm)	Lead Result (mg/kg)	TCLP Lead result (mg/L)	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Aroclor 1268 (mg/kg)	Total PCB Concentration (mg/kg)
113098	1/24/2012	>1,<50	160 J	<0.20	<0.036	<0.73	<0.36	<0.36	2.1	1.9 J	2.1	0.59	6.7 J
13121923	1/24/2012	>1,<50	170 J	<0.20	<0.38	<0.77	<0.38	<0.38	1.2 J	4.4	2.4	0.60	8.6 J
13124841	1/24/2012	>50	200 J	<0.20	<0.37	<0.76	<0.37	<0.37	3.0	3.9	1.9	0.49	9.3
107901	1/24/2012	>1,<50	180 J	<0.20	<0.19	<0.38	<0.19	<0.19	1.2	1.3 J	1.1	0.30	3.9 J
107771	1/24/2012	>1,<50	140 J	<0.20	<0.18	<0.36	<0.18	<0.18	1.4	2.2	1.3	0.34	5.2
107921	1/24/2012	>1,<50	120 J	<0.20	<0.18	<0.37	<0.18	<0.18	1.7	2.6	1.4	0.33	6.0
13124845	1/24/2012	>1, <50	280 J	<0.20	<0.37	<0.75	<0.37	<0.37	2.9	6.8	3.8	0.93	14.4

FOOTNOTES:

< - Analyte was not detected at or above the indicated concentration
ppm - parts per million
mg/kg - milligrams per kilogram
mg/L - milligram per liter
J - Value has been qualified as estimated
TCLP - Toxicity Characteristic Leaching Procedure

WMNA 00396156 - 22.52
" " 157 - 18.34
WMNA 00396158 - 25.48
" 159 - 17.79
" 160 - 12.04
" 161 - 21.04
" 162 - 22.82

Hopper, Jerry O

From: John Loper [jloper@lopergroup.com]
Sent: Friday, March 02, 2012 8:30 AM
To: Mike Price
Cc: Hopper, Jerry O; Donn Williams; Joshua Threadgill
Subject: Re: Draft OLSC Rolloff Report

Mike,

Report is good to go. All analytical results confirm PCB concentrations greater than 1 mg/kg and less than 50 mg/kg and indicate TCLP lead values are less than 0.2 mg/L (limit of 5.0 mg/L).

Donn W. - Please coordinate T&D to Three Corners with Taylor Corporation and Waste Management.

Thanks,

John L.

The Loper Group, Inc.
P.O. Box 569
Seabrook, TX 77586
281-291-9534 (Office)
281-635-2509 (Cell)
www.lopergroup.com

From: Mike Price <mprice@genproject.com>
Date: Thu, 1 Mar 2012 20:52:56 +0000
To: John Loper <jloper@lopergroup.com>
Cc: "Hopper, Jerry O" <johopp@solutia.com>, Donn Williams <donnwill49@att.net>, Joshua Threadgill <jthreadgill@genproject.com>
Subject: Draft OLSC Rolloff Report

John,

Attached is the revised table to correct the TCLP units and to include them in a footnote.

Thanks,
Mike

Michael C. Price
Genesis Project, Inc.
1258 Concord Road
Smyrna, GA 30080

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. ALD004019048 Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
SOLUTIA INC (ANNISTON PCB SITE)
702 CLYDESDALE AVENUE
ANNISTON, AL 36201
4. Generator's Phone 601-807-1187

Generator's Site Address (If different than mailing):
ANNISTON PCB SITE
ANNISTON, AL

A. Manifest Number **WMNA** 00396156
B. State Generator's ID

5. Transporter 1 Company Name ~~Transportation~~ I.W.T
6. US EPA ID Number
C. State Transporter's ID
D. Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
THREE CORNERS REGIONAL LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL 36272
10. US EPA ID Number
G. State Facility ID
H. State Facility Phone 256-447-1881

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS IMPACT SOIL & DEBRIS WM Profile # CF6400	1	~~DT~~ E	22 52	TONS	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order # ~~4503928546~~ Pending EMERGENCY CONTACT / PHONE NO.: DONN WILLIAMS 601-807-1187

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
DONN WILLIAMS	D.Williams "on Remedy Solution"	5	20	12

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Billy Miller		5	20	12

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Jon Thomas		5	20	12

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272

Original
Ticket# 2737702
Ph: (256) 447-1081

Customer Name SOLUTIA_CF6400_CW5520_408 SOL
Ticket Date 03/20/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1) 4503928546 2) 4503928546 3) 4503928546
Manifest# 000396156
Profile# CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Carrier INDUSTRIAL WASTE INC
Vehicle# MACK2-80CT Volume
Container
Driver
Check#
Billing# 0000679

	Time	Scale	Operator	Inbound	Gross	76740 lb
In	03/20/2012 11:40:03	Scale1	jpasqua		Tare	31700 lb
Out	03/20/2012 11:40:03		jpasqua		Net	45040 lb
					Tons	22.52

Comments

MON-FRI 7:00 AM-4:30 PM / SAT&SUN CLOSED/1ST SAT OF MONTH OPEN 7 11:30AM

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	NON-TSCA PCB SOIL/DEBRI	100	22.52	Tons				DOLAL
2	FUEL-Fuel Surcharge - L	100		%				DOLAL
3	EVF-L-Standard Environm	100	1	Load				DOLAL

Total Fees
Total Ticket

Driver's Signature

Billy Ryan

403WM

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. ALD004019048 Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
SOLUTIA INC (ANNISTON PCB SITE)
702 CLYDESDALE AVENUE
ANNISTON, AL 36201
4. Generator's Phone 601-807-1187

Generator's Site Address (If different than mailing):
ANNISTON PCB SITE
ANNISTON, AL

A. Manifest Number **WMNA** 00396157
B. State Generator's ID

5. Transporter 1 Company Name Fallen Eng. I.W.I
6. US EPA ID Number
C. State Transporter's ID
D. Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
THREE CORNERS REGIONAL LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL 36272
10. US EPA ID Number
G. State Facility ID
H. State Facility Phone 256-447-1881

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS IMPACT SOIL & DEBRIS WM Profile # CF6400	1	DT			
b. WM Profile #			18.34 Ton		
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # ~~4503928546~~ Pending EMERGENCY CONTACT / PHONE NO.: DONN WILLIAMS 601-807-1187

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
DONN WILLIAMS	D.W. Williams "on behalf of" Solutia	3	23	10

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	3	23	10

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	3	24	10

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272

Original
Ticket# 273706
Ph: (256) 447-1881

Customer Name SOLUTIA_CF6400_CW5520_408 SOL
Ticket Date 03/23/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1) 4503928546 2) 4503928546 3) 4503928546
Manifest# 00396157
Profile# CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Carrier INDUSTRIAL WASTE INC
Vehicle# MACK8-200T
Container
Driver
Check#
Billing# 0000679
Grid
Volume

	Time	Scale	Operator	Inbound	Gross	66300 lb
In	03/23/2012 10:04:09	Scale1	jshields		Tare	31700 lb
Out	03/23/2012 10:04:09		jshields		Net	36600 lb
					Tons	18.34

Comments

MON-FRI 7:00 AM-4:30 PM / SAT&SUN CLOSED/1ST SAT OF MONTH OPEN 7:00AM-11:30AM

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	NON-TSCA PCB SOIL/DEBRI	100	18.34	Tons				CALAL
2	FUEL-Fuel Surcharge - L	100		%				CALAL
3	EVF-L-Standard Environm	100	1	Load				CALAL

Total Fees
Total Ticket

Driver's Signature

403WM

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. ALD004019048 Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
SOLUTIA INC (ANNISTON PCB SITE)
702 CLYDESDALE AVENUE
ANNISTON, AL 36201
4. Generator's Phone 601-807-1187

Generator's Site Address (If different than mailing):
ANNISTON PCB SITE
ANNISTON, AL

A. Manifest Number: **WMNA** 00396158
B. State Generator's ID:

5. Transporter 1 Company Name Taylor Temp IWI
6. US EPA ID Number
C. State Transporter's ID
D. Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
THREE CORNERS REGIONAL LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL 36272
10. US EPA ID Number
G. State Facility ID
H. State Facility Phone 256-447-1881

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS IMPACT SOIL & DEBRIS WM Profile # CF6400	1	DT			18390 lbs
b. WM Profile #					25.48 TON
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order # ~~4503928546~~ Pending EMERGENCY CONTACT / PHONE NO.: DONN WILLIAMS 601-807-1187

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
DONN WILLIAMS	D.W. Williams On behalf of Solutia			

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Billy Ray Pace				

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Jimmie Hardy	Jimmie Hardy			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. ALD004019048 Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
SOLUTIA INC (ANNISTON PCB SITE)
702 CLYDESDALE AVENUE
ANNISTON, AL 36201
4. Generator's Phone 601-807-1187

Generator's Site Address (If different than mailing):
ANNISTON PCB SITE
ANNISTON, AL

A. Manifest Number **WMNA** 00396159
B. State Generator's ID

5. Transporter 1 Company Name IWI
6. US EPA ID Number
C. State Transporter's ID
D. Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
THREE CORNERS REGIONAL LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL 36272
10. US EPA ID Number
G. State Facility ID
H. State Facility Phone 256-447-1881

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS IMPACT SOIL & DEBRIS WM Profile # CF6400	1	DT	17	T	DIG
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order # ~~4503928546~~ Pending EMERGENCY CONTACT / PHONE NO.: DONN WILLIAMS 601-807-1187

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
DONN WILLIAMS			5	12

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Billy Mayer		5	12	12

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. ALD004019048 Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
SOLUTIA INC (ANNISTON PCB SITE) 702 CLYDESDALE AVENUE ANNISTON, AL 36201	ANNISTON PCB SITE ANNISTON, AL	WMNA	00396160
4. Generator's Phone 601-807-1187		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
Taylor Corp TWT		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT, AL 36272	10. US EPA ID Number	G. State Facility ID H. State Facility Phone 256-447-1881

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS IMPACT SOIL & DEBRIS WM Profile # CF6400	1	DT	12.04	TN	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # ~~4503928546~~ Pending EMERGENCY CONTACT / PHONE NO.: DONN WILLIAMS 601-807-1187

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature / "On behalf of"	Month	Day	Year
DONN WILLIAMS	D.W. Williams "on behalf of Solutia"	5	15	10

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Billy Mac		5	15	10

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Jennifer Hilton		5	15	10

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. ALD004019048 Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
SOLUTIA INC (ANNISTON PCB SITE)
702 CLYDESDALE AVENUE
ANNISTON, AL 36201
4. Generator's Phone 601-807-1187

Generator's Site Address (If different than mailing):
ANNISTON PCB SITE
ANNISTON, AL

A. Manifest Number: **WMNA** 00396161
B. State Generator's ID:

5. Transporter 1 Company Name Transport Corp. I.W.T
6. US EPA ID Number
C. State Transporter's ID
D. Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
THREE CORNERS REGIONAL LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL 36272
10. US EPA ID Number
G. State Facility ID
H. State Facility Phone 256-447-1881

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS IMPACT SOIL & DEBRIS WM Profile # CF6400	1	~~DT~~ C	21.04	TONS	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell | Level | Grid

15. Special Handling Instructions and Additional Information

Purchase Order # ~~4503928546~~ Pending EMERGENCY CONTACT / PHONE NO.: DONN WILLIAMS 601-807-1187

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
DONN WILLIAMS	D.W. Williams "On behalf of Solutia"	5	31	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Billy Mac	Billy Mac	5	31	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Brandie Hardy	Brandie Hardy	5	31	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. ALD004019048 Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
SOLUTIA INC (ANNISTON PCB SITE)
702 CLYDESDALE AVENUE
ANNISTON, AL 36201
4. Generator's Phone 601-807-1187

Generator's Site Address (If different than mailing):
ANNISTON PCB SITE
ANNISTON, AL

A. Manifest Number: **WMNA** 00396162
B. State Generator's ID:

5. Transporter 1 Company Name [illegible] IWT
6. US EPA ID Number
C. State Transporter's ID:
D. Transporter's Phone:

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
THREE CORNERS REGIONAL LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL 36272
10. US EPA ID Number
G. State Facility ID:
H. State Facility Phone: 256-447-1881

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS IMPACT SOIL & DEBRIS WM Profile # CF6400	1	DT		22.82 TONS	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order # ~~4503928546~~ Pending EMERGENCY CONTACT / PHONE NO.: DONN WILLIAMS 601-807-1187

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
DONN WILLIAMS	D.W. Williams "on behalf of Solutia"	3	20	12

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Billy m Parr	[signature]	3	20	12

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
J Gallman	[signature]	3	20	12

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. ALD004019048	Manifest Doc No. 11-014	2. Page 1 of 1	Beq # 113109

3. Generator's Mailing Address:
SOLUTIA INC (ANNISTON PCB SITE)
702 CLYDESDALE AVENUE
ANNISTON, AL 36201 (256) 231-8483

4. Generator's Phone ~~601-807-1187~~

Generator's Site Address (If different than mailing):
ANNISTON PCB SITE
ANNISTON, AL

A. Manifest Number: WMNA 00396152

B. State Generator's ID

5. Transporter 1 Company Name: Industrial Waste, Inc.

6. US EPA ID Number: 1525042 AL

C. State Transporter's ID

D. Transporter's Phone (256) 835-3377

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
THREE CORNERS REGIONAL LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL 36272

10. US EPA ID Number: 10020000000

G. State Facility ID

H. State Facility Phone 256-447-1881

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON-HAZARDOUS IMPACT SOIL & DEBRIS ADEM #063011-A006 **WM Profile #** CF6400	1	~~DT~~ CM	(EST.) 0012	T	PCBs < 500ppm Special Waste - Non Haz
b. **WM Profile #**					
c. **WM Profile #**					
d. **WM Profile #**					

J. Additional Descriptions for Materials Listed Above
Landfill

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information
Certificate of Disposal Requested
State of Origin - AL
OSD - 4/21/2011
(Weight ticket required - Return to Jerry Hopper)

Purchase Order # ~~4503928546~~ 4503913285

EMERGENCY CONTACT / PHONE NO.: ~~DONN WILLIAMS 601-807-1187~~ Jerry Hopper 256-231-8483

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
~~DONN WILLIAMS~~ Jerry O. Hopper	Jerry O. Hopper / Solutia Inc.	04	21	2011

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY — Blue- GENERATOR #2 COPY — Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY — Gold- TRANSPORTER #1 COPY

* 2/3 - Road Repair West of Former PNP Plant
1/3 - OPSC - Dugout Expansion → OPSC Dugouts Expansion

19.69 Tons X .33 = 5.84 Tons

UNDERS LANDFILL   Original
UNIT ROAD 6   Ticket# 279254
, NC, 28272   Ph: (856) 467-1881

W5520_486 SOL Carrier   INDUSTRIAL WASTE INC
              Vehicle#   RACK2   Volume
              Container
              Driver
              Check#
              Billing#   0000C72
              Grid
92R546, 1: 4503928546

e Mixed

	Operator	Inbound	Gross	51060 lb
led	jpasque		Tare	30900 lb
led	jpasque		Net	50960 lb
			Tons	25.48

00 PM / SAT&SUN CLOSED/1ST SAT OF MONTH OPEN 7-11:00AM

LD%	Qty	UOM	Rate	Tax	Amount	Origin
100	25.48	Tons				CALA
100		%				CALAL
100	1	Load				CALAL

Total Fees
Total Ticket

URNERS LANDFILL   Original
UNTY ROAD 6   Ticket# 279554
, AL, 36272   Ph: (256) 447 1001

C5520_496 SOL Carrier   INDUSTRIAL WASTE INC
               Vehicle#   WRCK2-2007   Volume
               Container
               Driver
               Check#
               Billing#   0000679
               Grid
20546): 4300920546

e Misc

	Operator	Inbound		
			Gross	55780 lb
el	JSHIELDS		Tare	31700 lb
	JSHIELDS		Net	24080 lb
			Tons	12.04

0 PM / SAT&SUN CLOSED/1ST SAT OF MONTH OPEN 7 11:30AM

LD%	Qty	UOM	Rate	Fee	Amount	Origin
00	12.04	Tons				CALAL
00		%				CALAL
00	1	Load				CALAL

Total Fees
Total Ticket

COUNTY LANDFILL Original
UNTY ROAD 6 Ticket# 279570
, AL, 36272 Ph: (256) 447-1881

85520_408 SOL Carrier INDUSTRIAL WASTE INC
Vehicle# MACK2-2007 Volume
Container
Driver
Check#
Billing# 00000479
Grid
920546 3) 4500920546

e Mass)

Operator Inbound Gross 77340 lb
e) jpesqua Tare 31700 lb
jpesqua Net 45640 lb
Tons 22.82

30 PM | SAT 8SUN CLOSED/1ST SAT OF MONTH OPEN 7 11:30AM

LDA Qty UOM Rate Fee Amount Origin

00 22.82 Tons CALAL
00 1 Load CALAL
00 1 Load CALAL

Total Fees
Total Ticket

CUMMINGS LANDFILL
COUNTY ROAD 6
NT, AL. 36272

Original
Ticket# 275490

Ph: (256) 447-1061

LW0220_A98 SOL Carrier INDUSTRIAL WASTE INC
Vehicle# MACK2-2007
Volume
Container
Driver
Check#
Billing# 0000675
Grid
2020346 3: 4200320546

ste Mixed
6

	Operator			
		Inbound	Gross	67200 lb
nd	jshields		Tare	31700 lb
ated	jshields		Net	35500 lb
			Tons	17.75

:30 PM / SAT&SUN CLOSED/1ST SAT OF MONTH OPEN 7-11:30AM

LD%	Qty	UOM	Rate	Fee	Amount	Origin
100	17.75	Tons				CALAL
100		%				CALAL
100	1	Load				CALAL

Total Fees
Total Ticket

Offord Park - Asphalt Remark - (East of Concession Area)
Softball Complex (A)

(B)

Orford Park Softball Complex
Asphalt Removal - (West of Concession Area)

(c)

DP-5300

(D)

(E)

(F)

DCP_5327

Adjacent To Field "A"

G

H


NO PETS IN PARK
THIS IS A TOBACCO FREE FACILITY
20/01/2011

DCP_5450

J

JCP_5425

K

DCP_5426

L

DCP_5435

M

N

R:\Pics\2011-02-04
DCP_5477

Between fields "B" + "C" (Hole B-2)

P


01/10/2012


01/10/2012


DANGER
HIGH VOLTAGE
01/10/2012


01/10/2012


01/10/2012


amida
01/10/2012


01/10/2012


01/10/2012


01/10/2012


01/10/2012


01/10/2012


01/10/2012


01/10/2012


01/10/2012


01/10/2012


01/10/2012